# Honeman Close, Huntingwood, NSW

## Goodman Property Services (Aust) Pty Ltd

## Detailed Site Investigation

**68310 | 165,576 (Rev 2)**

**21 March 2025**

**We acknowledge the Traditional Custodians of Country throughout Australia and their connections to land, sea and community.**

We pay respect to Elders past and present and in the spirit of reconciliation, we commit to working together for our shared future.

**Caring for Country** The Journey of JBS&G
**Artist:** Patrick Caruso, Eastern Arrernte

# Table of Contents


**1. Introduction ..... 1**

1.1 Background ..... 1

1.2 Objectives ..... 1

1.3 Scope of Work ..... 1

1.4 Proposed Development Scheme ..... 3

**2. Site Condition and Surrounding Environment ..... 5**

2.1 Site Identification ..... 5

2.2 Site Description ..... 5

2.3 Anecdotal Evidence ..... 6

2.4 Surrounding Land-use ..... 7

2.5 Topography ..... 7

2.6 Geology and Soils ..... 7

2.7 Hydrology ..... 8

2.8 Hydrogeology ..... 8

2.9 Meteorology ..... 9

2.10 Acid Sulfate Soils ..... 9

2.11 Naturally Occurring Asbestos ..... 9

**3. Assessment of Background Records and Site History ..... 10**

3.1 EPA Records ..... 10

3.2 EPA Per- and Poly- Fluoroalkyl Substances (PFAS) Register ..... 10

3.3 EPA Loose Fill Asbestos Insulation (LFAI) Register ..... 10

3.4 Australian and NSW Heritage Registers ..... 10

3.5 Section 10.7 (2) and (5) Planning Certificates ..... 10

3.6 Aerial Photographs ..... 11

3.7 Historical Title Review ..... 14

3.8 Integrity Assessment ..... 14

**4. Previous Investigations ..... 15**

4.1 Combined Preliminary Site Investigation and Sampling, Analysis and Quality Plan (PSI, CH2M HILL 2015a) ..... 15

4.2 Detailed Site Investigation (DSI, CH2M HILL 2015b) ..... 16

4.3 Review of Historical Data and Site Inspection (WSP 2023) ..... 18

4.4 Report on Geotechnical Investigation (DP 2023) ..... 18

**5. Conceptual Site Model ..... 19**

5.1 Potential Areas of Environmental Concern ..... 19

5.2 Potentially Contaminated Media ..... 20

5.3 Potential for Migration ..... 20
5.4 Potential Exposure Pathways ..... 21
5.5 Potential Receptors ..... 21
5.6 Preferential Pathways ..... 21
**6. Sampling and Analytical Plan ..... 22**
6.1 Data Quality Objectives ..... 22
6.1.1 State the Problem ..... 22
6.1.2 Identify the Decision ..... 22
6.1.3 Identify Inputs to the Decision ..... 22
6.1.4 Define the Study Boundaries ..... 23
6.1.5 Develop a Decision Rule ..... 23
6.1.6 Specific Limits on Decision Errors ..... 24
6.2 Optimise the Design of Obtaining Data ..... 27
6.2.1 Sampling Methodology ..... 28
6.2.2 Laboratory Analysis ..... 30
**7. Assessment Criteria ..... 33**
7.1 Regulatory and Technical Guidelines ..... 33
7.2 Assessment Criteria ..... 33
7.2.1 Soil Assessment Criteria ..... 33
7.2.2 Groundwater Assessment Criteria ..... 34
**8. Quality Assurance / Quality Control ..... 36**
8.1 QA / QC Results ..... 36
8.2 QA/QC Discussion ..... 37
8.2.1 Precision ..... 37
8.2.2 Accuracy ..... 38
8.2.3 Representativeness ..... 38
8.2.4 Comparability ..... 39
8.2.5 Completeness ..... 39
8.2.6 Sensitivity ..... 40
8.3 QA/QC Assessment ..... 40
**9. Investigation Results ..... 41**
9.1 Soil Results ..... 41
9.1.1 Soil Field Observations ..... 41
9.1.2 Results of Asbestos Analysis and Quantification ..... 41
9.1.3 Results of Analysis – Heavy Metals ..... 42
9.1.4 Results of Analysis - PAH ..... 42
9.1.5 Results of TRH and BTEX Analysis ..... 42

9.1.6 Results of OCP and PCB Analysis ..... 42
9.1.7 Results of PFAS Analysis ..... 42
9.1.8 Fill Volume Estimates ..... 42
9.1.9 Preliminary Waste Classification ..... 44
9.2 Groundwater Results ..... 44
9.2.1 Groundwater Field Observations ..... 44
9.2.2 Results of Analysis – Heavy Metals ..... 45
9.2.3 Results of Analysis – TRH/BTEX ..... 45
9.2.4 Results of Analysis – VOCs ..... 45
9.2.5 Results of Analysis – PFAS ..... 46
9.3 Surface Water Results ..... 46
9.3.1 Results of Analysis – Heavy Metals ..... 46
9.3.2 Results of Analysis – TRH/BTEX ..... 46
9.3.3 Results of Analysis – VOCs ..... 46
9.3.4 Results of Analysis – PFAS ..... 46
**10. Site Characterisation ..... 48**
10.1 Are there any unacceptable risks to likely onsite future receptors? ..... 48
10.1.1 Soil ..... 48
10.1.2 Groundwater ..... 49
10.1.3 Surface Water ..... 49
10.2 Are there any issues relating to the local area background soil concentrations? ..... 49
10.3 Are there any chemical mixtures that could increase potential contamination risks? ..... 49
10.4 Are there any aesthetic issues? ..... 50
10.5 Is there any evidence of, or potential for, migration of contaminants from the site? ..... 50
10.6 Are further investigations and/or a site management strategy required? ..... 51
**11. Conclusions ..... 52**
**12. Limitations ..... 54**

## List of Tables

Table 1.1: Relevant Planning SEARs, Warehouses and Distribution Centres ..... 2
Table 2.1 Summary Site Details ..... 5
Table 2.2 Groundwater Bore search summary ..... 8
Table 3.1 Summary of Aerial Photographs ..... 12
Table 3.2 Historical Land Title Record Search Summary ..... 14
Table 4.1 DP 2023 sub-surface condition summary ..... 18
Table 5.1 Areas of Environmental Concern and Associated Contaminants of Potential Concern ..... 19
Table 6.1 Summary of Decision ..... 23
Table 6.2 Summary of Quality Assurance / Quality Assurance Program ..... 26
Table 6.3 Sampling and Analysis Program ..... 31
Table 7.1 Site specific EILs ..... 34

Table 8.1 Data Quality Indicator Assessment ..... 36
Table 9.1 Fill Volume Estimates ..... 43
Table 9.2 Asbestos Impacted Material Volume Estimates ..... 43
Table 9.3 Groundwater Field Gauging Parameters ..... 44
Table 9.4 Groundwater Field Physiochemical Parameters ..... 45

## List of Figures

**Figure 1** **Site Location**
**Figure 2** **Site Layout**
**Figure 3** **Historical Sample Locations and Site Layout**
**Figure 4** **JBS&G (2025) Sample Locations**
**Figure 5a** **Soil Exceedances**
**Figure 5b** **Groundwater and Surface Water Exceedances**
**Figure 6** **B&D and Asbestos Impacted Fill Extents**

## Appendices

**Appendix A** **Photographic Log**
**Appendix B** **Registered Groundwater Bores**
**Appendix C** **EPA Records**
**Appendix D** **Heritage Records**
**Appendix E** **Section 10.7 (2 & 5) Planning Certificates**
**Appendix F** **Historical Aerials**
**Appendix G** **Historical Land Title Records**
**Appendix H** **Borehole and Test Pit Logs**
**Appendix I** **Calibration/Decontamination Records**
**Appendix J** **Groundwater and Surface Water Field Screening and Gauging Records**
**Appendix K** **Detailed Laboratory Reports and Chain of Custody Documentation**
**Appendix L** **Detailed QA/QC Documentation**
**Appendix M** **Development Design Plans**

# Abbreviations

| Term | Definition |
|---|---|
| ACM | Asbestos Containing Material |
| AEC | Area of Environmental Concern |
| AHD | Australian Height Datum |
| ASC NEPM | National Environment Protection (Assessment of Site Contamination) Measure |
| ASS | Acid Sulfate Soils |
| bgs | Below Ground Surface |
| BTEX | Benzene, Toluene, Ethylbenzene and Xylenes |
| CLM Act | Contaminated Land Management Act 1997 |
| COPC | Contaminant of Potential Concern |
| CSM | Conceptual Site Model |
| DLWC | NSW Department of Land and Water Conservation |
| DP | Deposited Plan |
| DSI | Detailed Site Investigation |
| EPA | NSW Environment Protection Authority |
| ESL | Ecological Screening Level |
| ha | Hectare |
| Goodman | Goodman Property Services Pty Ltd |
| JBS&G | JBS&G Australia Pty Ltd |
| LEP | Local Environmental Plan |
| LGA | Local Government Area |
| NEPC | National Environment Protection Council |
| OCPs | Organochlorine Pesticides |
| OEH | Office of Environment and Heritage |
| PACM | Potential Asbestos Containing Materials |
| PAHs | Polycyclic Aromatic Hydrocarbons |
| PASS | Potential Acid Sulfate Soils |
| PCB | Polychlorinated Biphenyls |
| POEO Act | Protection of the Environment Operations Act 1997 |
| PSI | Preliminary Site Investigation |
| PFAS | Per- and Poly-fluoroalkyl Substances |
| PFOS | Perfluorooctanesulfonic acid |
| RAP | Remedial Action Plan |
| SAQP | Sampling Analysis and Quality Plan |
| SEPP | State Environmental Planning Policy |
| SW | Sydney Water |
| TEQ | Toxicity Equivalent Quotient |
| TRH | Total Recoverable Hydrocarbons |

# Executive Summary

JBS&G Australia Pty Ltd (JBS&G) was engaged by Goodman Property Services (Aust) Pty Limited (Goodman, the client) to undertake a combined Preliminary Site Investigation (PSI) and Detailed Site Investigation (DSI) to support a future development application for the property located at Honeman Close, Huntingwood (the site). The site is legally identified as Lot 1 Deposited Plan (DP) 1098102 and occupies an area of approximately 21 ha. The site location and layout are shown in **Figures 1** and **2** (**Attachment 2**).

The site is currently vacant but has previously been subject to filling activities associated with an archery field and mounds, and to accommodate site levels in the northern portion of the site. Based on design plans (**Appendix M**) it is proposed that the site will be developed for commercial/industrial use and will include two large warehouse buildings and surrounding trafficable hardstand infrastructure. It is understood that as a result of ecological constraints, a portion of the site is proposed to be retained as an 'ecological area'. For the assessing the proposed developable area, JBS&G has adopted a 'commercial/industrial' land use scenario as per NEPC (2013).

The objective of the investigation was to assess the potential for site contamination based on current and historical site activities and to draw conclusions regarding the potential contamination status of the site for the proposed land uses or make recommendations to enable such conclusions to be made. This DSI has been developed to address Condition 16 of the Secretary's Environmental Assessment Requirements (SEARs) issued by the NSW Department of Planning and Environment for warehouse and distribution centre applications.

The scope of the investigation included a desktop assessment of historical land use activities and regional environmental conditions; review of historical environmental documents made available to JBS&G; development of a conceptual site model (CSM) of potential contamination; documentation of a sampling analysis and quality plan (SAQP); implementation of the SAQP including field sampling of potentially impacted media and subsequently laboratory analysis of samples; evaluation of the resulting data against health-based and site specific ecological assessment criteria; and preparation of a DSI report.

Review of historircal site reports (**Section 4**) identified the northern portion of the site had previously been used for archery purposes, with identified imported and flytipped materials of unknown origin present at the site, and some ground disturbance works apparent associated with either consturction of the archery field, construction of the adjacent M4 motorway and other minor filling works across the site. Asbestos contaminated fill, cotaining asbestos at concentrations above commercial/industrial land use criteria, and asbestos impacted fill (asbestos concentrations below commercial/industrial land use criteria) were identified in the former archery field areas in the northern portion of the site, with fill depths up to approximately 4 m below the existing ground surface. With the exception of identified fly tipped materials that would require appropriate disposal, no other soil contamination was documented in the previous investigation reports.

Intrusive works undertaken as part of this investigation included advancement of 36 test pits via the use of a track mounted excavator, with an additional five boreholes advanced via a track mounted drill rig to enable installation of groundwater monitoring wells, that resulted in investigation from a total of 41 soil sampling locations. Additionally, groundwater was sampled from the five groundwater monitoring wells installed at the site, and a total of six surface water samples were collected from the tributaries of Bungarribee Creek present at the site.

Based on the scope of work completed, the investigation findings included:

- The site has largely remained as a vacant lot since the 1950s;
- Review of historical site use information and inspection of site conditions identified potential areas of environmental concern (AECs) and associated contaminants of potential concern (COPCs), which were associated with importation of fill materials from unknown origins, soils impacted by potential historical agricultural purposes, and potential impacts in surface water and groundwater from adjacent and

upgradient commercial/industrial land-uses, including the TfNSW Crash lab (west of the site), construction staging associated with the M4 (east of site), and M4 Service Station (southwest of site);

- Fill material was encountered at depths ranging between 0.0 m below ground surface (bgs) to 3.2 m bgs. Fill material generally comprised dark brown/grey/brown gravelly/silty/sandy clay or gravelly sand with inclusions of timber, asphalt, concrete, glass, bricks, metal, and tile.
- The quantity of inclusions (except for ACM) in fill are such that they are not considered to pose an unacceptable aesthetic issue for the proposed land use, presuming that the site surface across the proposed redevelopment will be finished with imported landscaping materials including soil and grass/shrubs/trees etc, new hardstand areas and new buildings.
- Assessment of site conditions has identified the presence of an in-ground septic tank in the eastern portion of the site, requiring management/removal or confirmation the tank and associated infrastructure are no longer present at the site;
- Based on review of review of historical investigations and findings of the current investigation, the identified soil contaminant impacts include:
    - Bonded, non-friable ACM at concentrations below the applicable site criteria at five sample locations (JBTP09_0.0-1.0, JBTP25_0.0-1.0, JBTP25_1.0-1.8, NPB01_3.0_PACM, NPB02_1.3_PACM);
    - Bonded, non-friable ACM at concentrations above the adopted site assessment criteria at one sample location (JBTP35_1.0-1.5); and
    - Friable asbestos at concentrations above the adopted site assessment criteria at one sample location (NPB06_1.0).
- Groundwater and surface water conditions at the site are considered indicative of typical Sydney urban industrial areas, with slightly elevated concentrations of heavy metals and PFAS in groundwater present beneath the site and surface water present within surface water bodies at the site. No significant concentrations of these contaminants were identified within site soils, indicating that on site soils are not acting as a source material for the heavy metal and PFAS impacts in groundwater/surface water;
- No soil background issues or chemical mixtures, significant aesthetic issues outside of the identified asbestos in soils, or significant offsite migration risks were identified;

Based on the findings of the investigation, and subject to the limitations in **Section 12**, it is concluded that the site can be made suitable for the proposed commercial/industrial use subject to remediation and/or management of identified contamination issues associated with the septic tank in the eastern portion of the site, and remediation/management of asbestos in soil.

Based on the investigation conclusion, it is recommended that Remedial Action Plan (RAP) is prepared outlining the appropriate management/remediation strategies to remove the septic tank observed at the site, and remediation/management of asbestos impacted and contaminated materials at the site. The RAP should also include an Unexpected Finds Protocol (UFP) to address potential contamination issues which may be present in fill materials which have not been identified to date.

# 1. Introduction

## 1.1 Background

JBS&G Australia Pty Ltd (JBS&G) was engaged by Goodman Property Services (Aust) Pty Limited (Goodman, the client) to undertake a combined Preliminary Site Investigation (PSI) and Detailed Site Investigation (DSI) to support the development application (DA) for the property located at Honeman Close, Huntingwood (the site). The site is legally identified as Lot 1 Deposited Plan (DP) 1098102, Lot 16 and Lot 19 in DP 1024111 and Lot 19 in DP 819317 and occupies an area of approximately 21 ha. The site location and layout are shown in **Figures 1** and **2** (**Attachment 2**).

It is understood that the client is seeking to redevelop the site for a future commercial/industrial land-use (**Appendix M)** and requires a PSI/DSI report, to support the future development application for the site. This DSI has been developed to address Condition 16 of the Secretary's Environmental Assessment Requirements (SEARs) issued by the NSW Department of Planning and Environment for warehouse and distribution centre applications.

The site comprised a mix of cleared and vegetated land bound to the north by Honeman Close, to the east by Reservoir Road, and to the south by the M4 western motorway. Properties bordering the site comprised a Transport for NSW (TfNSW) operated Crashlab facility to the west, Honeman Close to the northeast, and a motorway service/fuel station to the south-west, associated with the M4 motorway. The site was vacant at the time of the investigation.

This site assessment was undertaken with consideration to guidelines made or approved by the NSW Environment Protection Authority (EPA) including National Environment Protection Council (NEPC 2013[1]) *National Environment Protection (Assessment of Site Contamination) Measure 1999,* as amended 2013 (ASC NEPM), and other relevant guidelines and standards. A number of areas of environmental and/or heritage significance were identified to JBS&G by the vendors, Sydney Water, which were considered in the design and implementation of this assessment as discussed within this report.

## 1.2 Objectives

The objective of the investigation was to assess the potential for site contamination based on current and historical site activities and to draw conclusions regarding the potential contamination status of the site for the proposed land uses, or make recommendations to enable such conclusions to be made.

## 1.3 Scope of Work

This DSI has been developed to address Condition 16 of the SEARs issued by the NSW Department of Planning, Housing and Infrastructure for warehouse and distribution centre applications. **Table 1.1** summarises the SEARs document Item and specific requirements met by this report.

[1] *National Environment Protection (Assessment of Site Contamination) Measure 1999 (as amended 2013)*, National Environment Protection Council, 2013 (NEPC 2013).

**Table 1.1: Relevant Planning SEARs, Warehouses and Distribution Centres**

| SEARs Item | SEARs Item Requirements and Documentation | Addressed in this Report |
|---|---|---|
| 16. Contamination and Remediation | In accordance with Chapter 4 of SEPP (Resilience and Hazards) 2021, assess and quantify any soil and groundwater contamination and demonstrate that the site is suitable (or will be suitable, after remediation) for the development.<br>• Preliminary Site Investigation<br>If required:<br>• Detailed Site Investigation<br>• Remedial Action Plan<br>• Preliminary Long-term Environmental Management Plan | Requirements of a Preliminary Site Investigation and Detailed Site Investigation |

In accordance with the SEARs listed above, the scope of this DSI included:

- A review of available site history and background information to identify potential areas of environmental concern (AECs) and associated contaminants of potential concern (COPC), including:
  - Section 10.7 planning certificate (2 and 5) obtained from Blacktown City Council (Council) (one Lot);
  - Current and historical land title records (one Lot);
  - Historical aerial photographs obtained from the Department of Lands and Nearmap;
  - Publicly available heritage records held by the Department of Planning and Environment and Council, where readily available;
  - Records of environmental incidents, former environmental licences, or contaminated land notices or notifications, available on EPA on-line registers;
  - Review of any relevant previous environmental and geotechnical reports made available by the client or landowner; and
  - Licensed groundwater bores present within a 1.5 kilometre radius of the site.
- Review of the environmental setting including a review of topography, geology, hydrogeology and meteorology of the site and surrounding areas;
- A detailed site inspection to identify potential area of environmental concern (AECs) and confirm desktop findings;
- Development and documentation of a conceptual site model (CSM) based on the available information;
- Development and documentation of data quality objectives (DQOs) for the assessment in general accordance with relevant EPA guidelines;
- Implementation of a site investigation program including advancement of a combination of systematic and targeted soil, groundwater and surface water sampling locations in accessible, and vendor permitted, portions of the site;
- Analysis of selected samples for a targeted range of contaminants of potential concern (COPCs) identified through field observations and the desktop assessment;
- Comparison of collected data against EPA published / endorsed investigation criteria to facilitate an assessment of land use suitability; and

- Preparation of a site assessment report with consideration of EPA (2022[2]), NEPC (2013[3]), EPA (2020[4]), EPA (2017[5]) and SEPP (Resilience and Hazards) 2021 to support the proposed commercial/industrial Development Applications (DAs) for the site.

## 1.4 Proposed Development Scheme

It is understood that the client proposes to develop the site for commercial/industrial use, including two large warehouse buildings and surrounding trafficable hardstand infrastructure. It is further understood that as a result of ecological and heritage constraints, a portion of the site is proposed to be retained as an 'ecological area'.

The broader site is located to the north of the M4 Motorway, West of Reservoir Road, and South of Great Western Highway.

The site is affected by the following constraints that have all been considered as part of the masterplan and assessment reports for the site;

- State and Local Heritage classification of Honeman Close;
- Threatened Ecological Communities / Serious and Irreversible Impact (SAII) entities;
- First and Second Order watercourse's;
- TrfNSW Crash lab design consideration for access;
- Sydney Water Potable Water Service;
- Aboriginal Heritage artefacts;
- Contamination (Compromising of Friable & Non-Friable Asbestos and Septic Tank contamination).

The proposed development layout considers these site constraints such that it is understood the northern and eastern site portion will be developed with the western portion to be retained as an ecological area as set out in the conceptual master plan included in **Appendix M**. The extent of the adopted developable area is shown in relation to the site layout on **Figure 2**.

This report has been prepared to support an application seeking approval for the construction, operation, use and fit-out approval of two warehouses spanning 52,935 $m^2$ GLA and associated infrastructure and lead-in works.

Approval is sought for 24/7 operation of the proposed Warehouse and Distribution use.

The development is proposed to be constructed in one stage and will generally consist of the following scope:

- Infrastructure and Lead-in Works
    - Estate wide infrastructure and preparation works including vegetation clearing, bulk earthworks and remediation, watercourse realignment, retaining walls, internal services reticulation;
    - Lead in services including stormwater, sewer, potable water, electrical and communications; and
    - New Left in, Left out intersection at Great Western Highway / new proposed estate road including services relocation and eventual dedication.
- Warehouse with ancillary office development:

---

[2] *Contaminated Land Guidelines: Sampling design part 1 – application*, NSW EPA 2022 (EPA 2022)
[3] *National Environment Protection (Assessment of Site Contamination) Measure 1999 (as amended 2013).* National Environment Protection Council (NEPC 2013)
[4] *Guidelines for Consultants Reporting on Contaminated Land.* NSW EPA, 2020 (EPA 2020)
[5] *Contaminated Land Management: Guidelines for the NSW Site Auditor Scheme (3rd Edition*). NSW EPA 2017 (EPA 2017)

- Construction, operation, fit-out and use of two warehouses, totalling 52,935 $m^2$ GLA of warehouse, including ancillary office spaces, access and hardstand, guardhouses, loading bays, landscaping, car parking, electric vehicle charging, solar panels and signage;
- Warehouse proposed height limit of 15m.
- 24/7 operation; and
- Warehouse and distribution use with generic racking layout.

Based on the above information, JBS&G has adopted criteria applicable to a commercial/industrial land use scenario as per NEPC (2013) for assessing the northern, developable portion of the site. Where relevant, consideration was also given to the more sensitive land use exposure scenarios in the southern portion of the site.

# 2. Site Condition and Surrounding Environment

## 2.1 Site Identification

The site location and layout are shown on **Figure 1** and **Figure 2**, respectively. The site details are summarised in **Table 2.1** below and described in detail within the following sections.

**Table 2.1 Summary Site Details**

| | |
|---|---|
| **Lot/Deposited Plan (DP)** | Lot 1 DP 1098102 – to facilitate the proposed two warehouse and distribution centre buildings with ancillary offices zoned IN1 General Industrial; and<br>Lot 16 and 19 DP 1024111, Lot 19 DP 819317 – Great Western Highway to facilitate intersection upgrade works and formal access, zoned both SP2 Classified Road and IN1 General Industrial. |
| **Address** | Honeman Close, Huntingwood, NSW |
| **LGA** | Blacktown City Council |
| **Site Zoning** | **IN1:** General Industrial |
| **Current Use** | Undeveloped/Vacant |
| **Previous Use** | Privately owned land, anecdotally noted to be used as an Archery Field (northern portion of site) and as a staging yard for the M4 construction (eastern most portion of the site) |
| **Proposed Use** | Commercial/Industrial (northern and eastern portion) and Ecological Area (western portion) |
| **Site Area** | Approximately 209,307 $m^2$ |

## 2.2 Site Description

A detailed site inspection of the external areas of the site was completed by an appropriately qualified and experienced JBS&G environmental consultant on 5 June 2024 as summarised below. Representative photographs of the site taken at the time of the inspection are presented as **Photographs 1-40** in **Appendix A.**

The site comprised a vacant, densely vegetated lot, accessible via Honeman Close off Reservoir Road in the east of the site. To the north, the site was bound by Honeman Close, a heritage listed road covered with asphalt and concrete pavements in poor condition.

Honeman Close was observed to be fenced with a lockable gate located on the southern end of the driveway restricting vehicular access. Trucks were observed to be coming in and out of Honeman Close, associated with bulk earthworks and construction activities currently being undertaken on the property immediately north of Honeman Close. Between Honeman Close and the site boundary fence, minor amounts of asphalt/road base materials were observed, as well as dense vegetation.

A fence was observed running between the site and Honeman Close, along the northern boundary, with another lockable gate to allow for vehicle access into the site. An overhead power line was also observed to run across the site, from the south-east towards the northwest.

The ground surfaces within the northern portion of the site were observed to be covered in a mixture of thick grass, some open woodland/eucalypt vegetation (within the northern Areas of Ecological sensitivity, as marked on **Figure 2**), and a number of fill mounds (Mound 1, Mound 2, and the L-shaped Mound) as shown in **Figure 2**. Mound 1 was observed to be between approximately 2 to 3 m high and was covered in thick grass. North of mound 1, an existing groundwater well (stickup PVC pipe) was also observed to be present.

Mound 2 was observed to be between approximately 1 and 1.5 m high at the northern and eastern portions of the mound, tapering down to the surrounding ground levels in the south. On top of mound 2, remnants of

the former archery field targets were observed. South of Mound 2, the ground surface appeared to be consistent with the surrounding natural grade, with less dense grass cover present.

The L-Shaped mound in the central portion of the site was observed to be approximately 2 m in height above surrounding ground levels. Some fly-tipped material comprising building and demolition rubble (B&D rubble), including concrete, wood, PVC, bricks, and domestic waste was observed to the east and south of the L-Shaped mound. Additionally, a burnt-out van was observed during the inspection, located approximately 15m south of the L-Shaped mound.

All three of the above-mentioned mounds were observed to be situated to the east of a surface water tributary associated with Bungarribee Creek (shown on **Figure 2**). The creek and associated drainage channel were observed to be covered with dense vegetation, including bullrush, cattails, and reeds. The banks of the tributary in the northern and centre portion of the site were also observed to be between approximately 1 and 2 m deep. Most areas along the creek were inaccessible due to dense vegetation present along access trails and the banks of the creek. Where water was visible, water appeared to be flowing and clear, with the exception of the low-lying wetlands in the centre of the site, where water appeared to be stagnant.

The northeastern portion of the site was observed to generally be vegetated with short grass apart from scattered trees and shrubs. The areas where stockpiled material, identified as Stockpile 1 and Stockpile 2 in CH2M Hill 2015b[6] (refer to **Figure 3**)**,** were covered in thick vegetation, and the stockpiles were not identifiable at the time of JBS&G inspection. An existing groundwater well was also observed to be present (stickup PVC pipe) in this area of the site.

A fence/guardrail was present along Reservoir Road at the east site boundary, with vegetation present (within the site boundary) behind the guard rail along most of the site. Land described in **Figure 2** as Lot 1 DP1115907, understood to be owned by TfNSW, was observed to be directly adjacent to the east site boundary, with no clear fencing or delineation separating the site from the adjacent lot.

The southern portion of the site was observed to be vegetated by dry open eucalypt forest, with various degrees of vegetation density. Some portions were also observed to contain semi cleared vehicle/access trails leading to deeper parts of the forest. The trails were generally covered in thick grass, and in some areas, exposed soil.

## 2.3 Anecdotal Evidence

Further to the site description provided above, JBS&G note that discussion with a Sydney Water (SW, Vendor) representative during the site inspection, has identified the following additional information:

- During historical investigations commissioned by SW, Bungaribee Creek and the associated tributaries that run through the site were previously dry, indicating that the creek/tributaries are ephemeral;
- SW noted that the southern portion of site had only recently been identified to be ecologically significant, and access limitations were not encountered during historical investigations (including CH2MHill 2015a[7] and 2015b). SW also suggested that a lot of the vegetation had since increased in density, such that previously cleared, vegetated access paths at the site were no longer accessible; and
- The fill mounds in the centre/northern portion of the site and surrounding areas were stated as historically having been used as an archery field. No other land-uses for the site were stated by SW.

Additionally, a suspected septic tank was also observed by client commissioned surveyors working on-site. This feature had previously been observed during historical investigations, as noted in **Section 4.2**. The approximate location of the septic tank is shown in **Figure 2**.

---

[6] *Detailed Site Investigation, Northern Boiler Paddock*, April 2015, CH2MHILL, ref: 654384 (CH2MHILL 2015b).
[7] *Combined Preliminary Site Investigation and Sampling, Analysis and Quality Plan,* Northern Boiler Paddock, April 2015 ref: 654384 (CH2MHILL 2015a).

## 2.4 Surrounding Land-use

The current land uses of adjacent properties and/or properties across adjacent roads are summarised below.

- North – The site is bound to the north by the Honeman Close Road corridor. Further north is the Great Western Highway followed by various commercial/industrial/residential properties. A single large development lot was situated on land between Honeman Close and the Great Western Highway, for which earthworks were in progress in the eastern site portion at the time of the investigation. The balance of this lot appeared to comprise a combination of vacant remnant forest and cleared grassland areas;
- South – The site is bound to the south by the M4 Motorway corridor. Further south, beyond the M4 is vacant/undeveloped land followed by Prospect Nature Reserve and Prospect Reservoir;
- East – The site is bound to the east by Reservoir Road, followed by various commercial/industrial warehouse properties, including truck and bus dealerships, and a logistics centre; and
- West – The site is bound to the west by the TfNSW Crashlab facility followed by various commercial/industrial warehouse properties (occupied by a logistics/transport company and an Ive Group, a printing/marketing company). The property directly to the southwest of the site is occupied by a service station servicing the M4 motorway and as such includes significant inground fuel infrastructure.

Based on the review of available information, the surrounding land use was identified to be predominately used for commercial/industrial purposes, inclusive of a number of potential off-site contaminant migration sources to the west and south-west of the site.

## 2.5 Topography

Review of topographic information obtained from the Spatial Information Exchange Viewer (SIX Maps) (LPI 2025[8]) regional topographic map indicated that the site has an elevation ranging from approximately 76 m Australian Height Datum (AHD) in the eastern portion of the site to approximately 58 m AHD in the northern portion of the site. Local topography was generally sloping gently downwards to the north and northwest. As discussed in **Section 2.7**, there are two surface water features, comprising tributaries of Bungarribee Creek within the site that are likely to result in localised ground surface (e.g. creek embankments) features within relevant portions of the site.

## 2.6 Geology and Soils

Reference to the 1:100 000 Geological Landscape Map for Sydney (Herbert C., 1990[9]) indicated that the site is underlain by Bringelly Shale of the Wianamatta Group. Bringelly shale consists of shale, carbonaceous claystone, laminite, fine to medium-grained lithic sandstone with rare coal and tuff.

Reference to the online ESPADE tool hosted by the NSW Department of Planning, Industry and Environment (DPIE 2025[10]) indicated that the site is underlain by the Blacktown soil landscape group. The landscape is characterised by gently undulating rises on Wianamatta Group shales with local relief to 30 m and slopes usually >5 %. Soils are typically characterised by shallow to moderately deep (<100 cm) hard setting mottle texture contrast soils, red and brown podzolic soils on crests grading to yellow podzolic soils on lower slopes

---

[8] *'Spatial Information Exchange Viewer'*, NSW Land and Property Information, Accessed 13 January 2025, https://maps.six.nsw.gov.au/ (LPI 2025);

[9] *Penrith 1:100 000 Geological Sheet 9030,* Herbert C., 1991, 1st edition. Geological Survey of New South Wales, Sydney. (Herbert C., 1991)

[10] *ESPADE*, NSW Department of Planning, Industry and Environment, http://www.environment.nsw.gov.au/eSpade2Webapp, accessed 13 January 2025 (DPIE 2025);

and in drainage lines. Limitations of the Blacktown soil group include localised seasonal waterlogging, localised water erosion hazard, moderately reactive highly plastic subsoil and localised surface movement potential.

## 2.7 Hydrology

Review of SIX Maps indicated that the closest waterway is t Bungarribee Creek, the upper reaches of which commence in the central portion of the site in a north westerly direction. Bungarribee Creek flows away from the site in a north to north-westerly direction, joining Eastern Creek approximately 3.5 km to the northwest of the site. It is understood from informal conversations that several surface water drainage paths enter the site from the south, draining water from the M4 motorway corridor through to the Bungarribee Creek channels. Due to the presence of dense vegetation, these site features were not verified during the JBS&G site inspection.

Surface water runoff is anticipated to either infiltrate shallow soils or runoff towards low lying areas of the site, including the identified surface water features, comprising wetland and drainage channels in the western portion of site. Ultimately, surface water flow is expected to be towards the northwest, in the direction of the Bungarribee Creek channel which directs water away from the site to the north.

## 2.8 Hydrogeology

Registered groundwater bore information was reviewed from the Water NSW[11] online resource and is included as **Appendix B**. A review of the registered bore information indicated that there were six registered groundwater bores within a 1,500 m radius of the site. Of those bores, no records with standing water levels (SWL) were available, however, the records indicated that wells GW111067, GW111068 and GW111069 had a water bearing zone from 5.5 - 7.5 m below ground surface (bgs). The registered groundwater bore search information is summarised in **Table 2.2** below.

**Table 2.2 Groundwater Bore search summary**

| Bore ID | Use | SWL[1] (m bgs[2]) | Final Drilled Depth (m) | Approximate Distance/Direction from Site Centre (m) | Lithology and Depth (m) |
|---|---|---|---|---|---|
| GW113285 | Monitoring | - | 10.5 | 490 / North East | - |
| GW113284 | Monitoring | - | 12 | 510 / North East | - |
| GW113286 | Monitoring | - | 10.5 | 530 / North East | - |
| GW111069 | Monitoring | - | 7.5 | 1220 / North East | 0.00 – 0.80: Fill<br>0.80 – 7.50: Clay |
| GW111067 | Monitoring | - | 7.5 | 1240 / North East | 0.00 – 0.80: Fill<br>0.80 – 7.50: Clay |
| GW111068 | Monitoring | - | 7.5 | 1250 / North East | 0.00 – 0.80: Fill<br>0.80 – 7.50: Clay |

*1. SWL: Standing Water Level; 2. below ground surface*

As discussed in **Section 4.4**, previous site geotechnical investigations included the installation of 3 groundwater monitoring wells at the site, the location of which were noted in the Site Inspection (**Section 2.1**). Standing groundwater levels at the site were reported to have been measured within these wells at between 1.7 m and 4.0 m bgs during the previous Douglas Partners (DP 2023[12]) investigation.

[11] *Water NSW* website accessed 13 January 2025, https://realtimedata.waternsw.com.au/water.stm,

[12] *Report on Geotechnical Investigation, Presale Due Diligence, North Boiler Paddock, Honeman Close, Huntingwood, NSW,* prepared for Sydney Water Corporation by Douglas Partners Pty Ltd, dated 21 November 2023 ref. 22503900.R.001.Rev0 (DP 2023)

Based upon the reported geology and hydrology and review of available groundwater data, it is considered that groundwater underlying the site is likely to be present in perched conditions associated with weathered shale discontinuities, with true regional groundwater present at depth within deeper sandstone bedrock. Localised groundwater movement is expected to occur as consistent with top of rock patterns and be influenced by localised surface water drainage associated with deeper soil profiles. As such, groundwater underlying the site is anticipated to flow toward the Bungarribee Creek riparian zone and move in a north west to northerly direction within the site, noting that there may be localised flows in proximity to the western site boundary, given this is west of the creek channel.

## 2.9 Meteorology

A review of average climatic data for the nearest relevant Bureau of Meteorology monitoring location (Prospect Reservoir[13], 0.8 km from site) indicates the site is located within the following meteorological setting:

- Mean minimum temperatures vary from 6.1°C in July to 17.8°C in February;
- Mean maximum temperatures vary from 16.9°C in July to 28.5°C in January;
- The mean annual rainfall is approximately 879.6 mm, with rainfall greater than 1 mm occurring on an average of 84.7 days per year; and
- Monthly average rainfall varies from 46.3 mm in September to 102.5 mm in March with the wettest periods occurring on average in January through to March.

## 2.10 Acid Sulfate Soils

Review of the Acid Sulfate Soil Risk Map[14] indicated that the site is located within an area not assessed for the presence of Acid Sulfate Soils (ASS). Such areas are identified by default, as areas where land management activities are not likely to be affected by ASS materials, consistent with the source sites elevated topography and formation geological conditions. As such, no further consideration of the potential occurrence of ASS is required for this assessment as it has been identified that ground disturbance activities at the site will not result in disturbance of known or suspected ASS conditions within, or up to 500 m downgradient of the site.

## 2.11 Naturally Occurring Asbestos

A review of the NSW Department of Planning and Environment (DPE[15]) map of Naturally Occurring Asbestos in NSW indicated that the site or its immediate surroundings is not situated in an area of naturally occurring asbestos.

---

[13] http://www.bom.gov.au/climate/averages/tables/cw_067019.shtml, Commonwealth of Australia, 2013 Bureau of Meteorology, accessed on 13 January 2025

[14] *'Acid Sulphate Soil Risk Map – Index,* 1997 1:25 000 (NSW DLWC)

[15] Naturally Occurring Asbestos in NSW, NSW Department of Planning and Environment (DPE), https://trade.maps.arcgis.com/apps/PublicInformation/index.html?appid=87434b6ec7dd4aba8cb664d8e646fb06, accessed on 13 January 2025

# 3. Assessment of Background Records and Site History

## 3.1 EPA Records

A search of the NSW EPA public database was undertaken for the site and immediate surrounding properties. EPA records are provided in **Appendix C**. The search of the EPA public registers included:

- NSW EPA Protection of the Environment Operations Act 1997 (POEO Act) public register of licences, applications, and notices (maintained under Section 308 of the Protection of the Environment Operations Act 1997 (POEO Act));
- NSW contaminated sites notified to the EPA (under Section 60 of the Contaminated Land Management Act 1997 (CLM Act)); and
- NSW EPA contaminated land public register of record of notices (under Section 58 of the CLM Act).

No active environment protection licences (EPLs) applicable to the site or the immediate surrounding area (within a 1km radius) were identified.

No prevention, clean-up or prohibitions notices had been issued under the POEO Act for the site and immediate surroundings.

The site and immediate surroundings are not on the list of NSW contaminated sites notified to the EPA. No properties within the suburbs of Huntingwood and Arndell Park are on the list of NSW contaminated sites notified to the EPA. One property within the suburb of Blacktown is listed as 'Regulation not required under the CLM Act' indicating that the EPA has completed an assessment of the contamination and decided that regulation under the CLM Act is not required. Based on its status as 'Regulation not required' combined with its distance and direction from site (1 km north), this property is not considered to require further consideration as a potential off-site source of contamination with regard to this assessment.

The site and immediate surrounds do not appear on the NSW EPA's contaminated land record of notices.

## 3.2 EPA Per- and Poly- Fluoroalkyl Substances (PFAS) Register

A search of the EPA's public PFAS register (**Appendix C**) indicated that there were no records pertaining to the site or areas immediately surrounding the site. Furthermore, there are no listed PFAS registered sites in Huntingwood or the surrounding suburbs.

## 3.3 EPA Loose Fill Asbestos Insulation (LFAI) Register

A search of the EPA's LFAI register (**Appendix C**) indicated that there were no records pertaining to the site.

## 3.4 Australian and NSW Heritage Registers

A search of the Australian National Heritage and NSW Heritage databases was undertaken, and records are included in **Appendix D**.

The search identified the Former Great Western Road alignment (inclusive of Honeman Close) and Prospect Reservoir and surrounds as items of significant State Heritage. The search did not identify the presence of any items of national heritage in the vicinity of the site.

The client informed JBS&G that the site includes Aboriginal artefacts identified in due diligence and the Aboriginal Heritage Information Management System (AHIMS).

## 3.5 Section 10.7 (2) and (5) Planning Certificates

Section 10.7 (2) and (5) Planning certificates for the were obtained from Council (**Appendix E**). The planning certificates included the following pertinent information regarding the site.

The land is zoned IN1 – General Industrial under the State Environmental Planning Policy (Industry and Employment) 2021.

The land is not affected by policies adopted by Council that restricts the development of the land because of the likelihood of land slip, bushfire, tidal inundation, subsidence, acid sulfate soils, contamination, aircraft noise, salinity, coastal hazards, or sea level rise.

Council has adopted an Asbestos Policy[16] which may restrict development as the land contains, or is likely to have contained in the past, buildings or structures that were erected prior to the banning of asbestos. Additionally, the land or part of the land is noted to lie within the Blacktown City Council flood planning area, which may be subject to flood related development control.

The following applies to the site:

- The land does not have any known occurrences of Acid Sulfate Soils;
- The area covered by the Cumberland Plain Conservation Plan does not include the site, however it is noted that the site forms part of the Cumberland Plain ;
- The land is not bushfire prone;
- The land is not an item of environmental heritage, however, the site is registered on the State Heritage as the Former Great Western Road, Prospect;
- The land is affected by road widening or road realignment under a resolution of the Council;
- The land or part of the land is within the flood planning area and subject to flood related development controls;
- The land is not affected by matters under section 59 (2) of the Contaminated Land Management Act 1997, including Council statements that at the time of the certificate it is not aware of:
    - the land being significantly contaminated land;
    - a management order applying to the site;
    - an approved voluntary management proposal applying to the site;
    - an ongoing maintenance order applying to the site;
- Council noted that its records are currently incomplete in relation to whether it holds a site audit statement for the land; and
- The land is not listed on the loose-fill asbestos register.

Blacktown Council LEP (2015) lists the adjoining Honeman Close corridor as a heritage item as part of the "Great Western Highway (former alignment), Reservoir Road/Tarlington Place/Yallock Place/Honeman Close (I60).

## 3.6 Aerial Photographs

Historical aerial imagery was reviewed from the Spatial Portal[17] and a summary of approximately every 5 years is provided in **Table 3.1**. Aerial imagery is provided as **Appendix F**.

[16] *Asbestos Management in Blacktown City, 2016*, prepared by Blacktown City Council, accessed 13 January 2025 http://bcc.dominoeasy.com/EBP%20BlackTown/PolReg.nsf

[17] NSW Historical Aerial Imagery Viewer accessed 13 January 2025 https://portal.spatial.nsw.gov.au/portal/apps/webappviewer/index.html?id=f7c215b873864d44bccddda8075238cb

**Table 3.1 Summary of Aerial Photographs**

| Year | Summary |
|---|---|
| 1943 | **Site**: The site appeared to consist of partially cleared, undeveloped rural land, comprising open grass lands with areas of scattered trees. A feature consistent with a meandering creek line was apparent in the northern portion of the site. The Great Western Road (now Honeman Close) runs adjacent to the north-eastern boundary of the site, an unpaved access track was apparent along the southwestern site boundary, whilst the property appeared to extent further to the northwest, south and south-east.<br>**Surrounding area**: Land to the north appeared to be used for mixed rural residential/agricultural purposes. Land to the west comprised a partially cleared rural residential property and bushland. Land to the east and south comprised undeveloped partially cleared bushland. |
| 1947 | **Site**: No significant changes had been made to the site since the 1943 imagery. It is noted that the two drainage line channels were apparent in the northern portion of the site.<br>**Surrounding area**: The partially cleared bushland beyond the Great Western Road to the east of site appeared to have been cleared for agricultural purposes. The remainder of the surrounding land is mostly unchanged from the 1943 aerial photograph. |
| 1965 | **Site**: No significant changes appear to have been made to the site since the 1947 imagery.<br>**Surrounding area**: The land to the east had been developed for agricultural or commercial/industrial use with some large buildings visible. Land to the southeast appeared to have been cleared with some small residential structures present. Whilst land to the southwest appeared to have been developed for rural/residential uses. |
| 1975 | **Site**: As a result of construction works along the western site boundary associated with a new roadway, the creek line has been altered, with potential filling of materials associated with the realignment of the creek. The western and eastern tributaries appeared to join at a culvert within the northern portion of the site, which was inferred to run under the Great Western Highway alignment northwest of the site.<br>Otherwise, no significant changes have been made to the site since 1965.<br>**Surrounding area**: The Great Western Highway alignment had been constructed to the north and west of site with associated ground disturbance also occurring to the southwest. A carpark/vehicle yard had been constructed further (c.200 m) west of site. |
| 1978 | **Site**: No significant changes had been made to the site since the 1975 image.<br>**Surrounding area**: No significant changes had been made to the surrounding area since 1975. |
| 1984 | **Site**: A rectangular grassed section of the site in the central north portion appeared to have been levelled. A small area of ground disturbance immediately adjacent to the northern boundary, north-west of the fill area was apparent, which whilst not clear, appeared to possibly comprise a small building and vehicle parking area. No other significant changes had been made to the site since the 1978 image.<br>**Surrounding area**: The carpark/vehicle yard to the west of the site had undergone expansion, with earthworks appearing to have occurred in the southern portion of the carpark. No other significant changes had been made to the surrounding area since 1978. |
| 1986 | **Site**: A small building and associated vehicle parking area present in the northern portion of the site (adjacent to Honeman Close) appeared to have undergone modification, enlarging the formal area of development. No other significant changes were apparent to the site since 1984.<br>**Surrounding area**: A property further to the west of site appeared to have been developed for commercial/industrial land use with a large warehouse structure and surrounding earthworks/vehicle movement infrastructure apparent. |
| 1991 | **Site**: Some dirt tracks/access trials were apparent in the southeast portion of the site in addition to ground disturbance indicators generally along and beyond the southern site |

| | |
|---|---|
| | boundary. A surface water dam also appeared to have been constructed in the eastern portion of the site, crossing into the adjoining lot, with the adjoining lot also being occupied by temporary site sheds/vehicles, possibly associated with the nearby M4 works. No other significant changes appeared to have been made to the site since 1986.<br>**Surrounding area**: The M4 Motorway alignment appeared to be under construction to the south of the site. Multiple properties surrounding the site had been or were in the process of being redeveloped for commercial/industrial use (west of site) or residential use (northeast of site). A sediment detention basin and surrounding cleared land occupied the small TfNSW (RMS) owned lot facing Reservoir Road, potentially associated with the road construction works to the south. |
| 1998 | **Site**: The dirt tracks/access trails in the southeast portion of the site appeared to be less defined. It was difficult to discern whether the former potential building remained in the carpark portion of the site to the northwest of the archery area. No significant changes have been made to the site since 1991.<br>**Surrounding area**: The M4 Motorway alignment south of the site appeared to have been completed, with an exit lane road pavement directly adjoining the southern boundary. Further redevelopment of surrounding properties (southwest, west and north of site) for commercial/industrial use had been undertaken with multiple large warehouse structures visible. The M4 corridor service station was apparent to the southwest of the site, consistent with the current service station site, with an access road situated between the site boundary and the service centre. The previous road alignment directly west of site appeared to have been decommissioned with a service station constructed to the southwest of site. |
| 2005 | **Site**: The building in the northern portion of the site (against Honeman Close) is no longer present, but the carpark pavement appeared to remain. A large circular feature is also apparent in the northwestern portion of the site No significant changes have been made to the site since 1998.<br>**Surrounding area**: A commercial/industrial development, consistent with the TfNSW Crashlab facility was under development to the west of the site, with a large asphalt pavement area in the south and an exposed fill platform in the centre of the site, in addition to works immediately to the south of the Great Western Highway. Further commercial/industrial development of surrounding properties to the north and west of site, with further residential redevelopment occurring to the northwest of site. |
| 2009 | **Site**: Multiple dirt tracks/access trails appeared across the site. The circular feature in the northwestern site portion identified in 2005 was no longer apparent. No significant changes have been made to the site since 2005.<br>**Surrounding area**: A large commercial/industrial building, consistent with the current Crashlab facility had been constructed to the west of the site, with an access road off the Great Western Highway. The land southwest of the site, across the M4 Motorway had been redeveloped for commercial/industrial land uses. No other significant changes had been made to the surrounding area since 2005. |
| 2014 | **Site**: The southern portion of the site appeared to be overgrown with vegetation. Access tracks and cleared vegetation were apparent in the southwestern portion of the site, leading towards the Crashlab and the M4 service station. Access trails at the eastern portion of the site, off Reservoir Road are also apparent. No significant changes have been made to the site since 2009.<br>**Surrounding area**: The property directly east of the site was in the process of being developed for commercial/industrial land use including a large warehouse and separate earthworks development pad. No other significant changes had been made to the surrounding area since 2009.<br>The site and surrounding area appear generally consistent with present day conditions. |
| 2018 | **Site**: Access trails in the south west of the site appear to no longer be in use, with vegetation overgrowth. No other significant changes were apparent to be made to the site since 2014. |

| | |
|---|---|
| | **Surrounding area**: The redevelopment of the property east of the site (across Reservoir Road) had been completed. No other significant changes had been made to the surrounding area since 2014. The TfNSW lot directly east of the site appeared to be undergoing earthworks/used as a construction staging yard.<br>The site and surrounding area appear generally consistent with present day conditions. |
| 2023 | **Site:** Access trails through the site (especially in the north and eastern portion) were more distinct with vegetation appearing to have been cleared from these areas. No other significant changes were apparent to the site since 2018.<br>**Surrounding area:** The land beyond Honeman Close northeast of site had been cleared, with a small shed/yard structure visible.<br>The site and surrounding area appear generally consistent with present day conditions. |

## 3.7 Historical Title Review

The historical title record is included in **Appendix G** and is summarised in **Table 3.2**.

**Table 3.2 Historical Land Title Record Search Summary**

| Date of Acquisition and Term Held | Registered Proprietor(s) & Occupations (where available) | Reference to Title at Acquisition and Sale |
|---|---|---|
| 10.07.1880<br>(1880 to 1951) | Her Most Gracious Majesty the Queen | Book 204 No. 803 |
| 06.12.1951<br>(1951 to date) | # The Metropolitan Water Sewerage and Drainage Board<br>Then<br>Various Intervening Name Changes – not investigated.<br>Now<br># Sydney Water Corporation | Miscellaneous Register No. 39488<br>Then<br>Volume 9390 Folio 209<br>Various Intervening Titles – Not Investigated<br>Now<br>1/1098102 |

**# Denotes current registered proprietor**

Review of historical title information indicates the site remained crown land until 1951, and then acquired by Sydney Water (formerly The Metropolitan Water Sewerage and Drainage Board). Company activities at the site are largely unknown. No leases or easements were noted as part of the title search.

## 3.8 Integrity Assessment

Considering the various sources of information and consistency of findings, the historical assessment has an acceptable level of accuracy regarding potentially contaminating activities that may have occurred on the site.

# 4. Previous Investigations

## 4.1 Combined Preliminary Site Investigation and Sampling, Analysis and Quality Plan (PSI, CH2M HILL 2015a)

CH2M Hill Australia Pty Ltd (CH) was engaged by Sydney Water (SW) to undertake a Preliminary Site Investigation (PSI) and prepare a Sampling, Analysis and Quality Plan (SAQP) for investigation of the property identified as the Northern Boiler Paddock, located at Honeman Close, Huntingwood, NSW (the site).

The scope of the investigation included: a site walkover and inspection; desktop review of historical records of land use activities and regional environmental conditions; review of historical environmental reports provided to CH by SW at the time of reporting; completion of a geophysical survey at the site; and identification of AECs and associated COPCs; and development of a SAQP to inform the soil sampling program to be undertaken as part of a future Detailed Site Investigation (DSI).

The geophysical survey was also conducted to determine areas of high and low conductivity and in turn, the inferred areas of filling and natural materials at the site.

CH also reported its scope of include a review of the following previous land contamination reports prepared for the site, which were not available to JBS&G at the time of this report. The relevant reports reviewed by CH include the following:

- *Phase 2 Contamination Assessment* – Report for Boiler Paddock Reserve, Prospect NSW, GHD, 2005 (GHD, 2005a);
- *Phase 1 Contamination Assessment* – Report for Boiler Paddock Reserve, Prospect NSW, GHD, 2005 (GHD, 2005b); and
- *Remedial Action Plan (RAP)* – Report for Boiler Paddock Reserve, Prospect NSW, GHD, 2007 (GHD, 2007).

The findings of the above-mentioned reports were briefly summarised by CH as follows:

- The Phase 1 Contamination Assessment (GHD 2005b) indicated filling had occurred at the site in 1983, 1984 and 1986 by Blacktown City Council for the construction of the archery mounds and fields and again from 2001 to 2004 by an unauthorised contractor;
- GHD (2005b) identified the presence of asbestos within six samples from four locations. CH note that asbestos analysis by GHD only comprised presence/absence analysis in soil, and as such comparison to NEPC (2013) health investigation criteria is not possible;
    - **NB:** Only sample location IDs from GHD 2005b are noted in the PSI report, with no coordinates or mapping of sample locations provided in the PSI (CH2M Hill 2015a).
- The RAP (GHD 2007) was reported to have indicated the asbestos containing material (ACM) was in the form of fibre bundles and fibro sheeting (assumed to be fibrous asbestos) identified in fill materials within the south-west portion of the archery field at six test pit locations at depths of up to 2.5m bgs. CH did not note any further contamination requiring management or remediation as part of the RAP;
- The RAP nominated 'on-site encapsulation' as the preferred remedial methodology to address asbestos contaminated materials present in the archery field.

The findings of the desktop review and site inspection undertaken at the site as provided in the PSI (CH2M Hill 2015a) are summarised as follows:

- The Site was zoned as IN1 – General Industrial under the Western Sydney Employment Area SEPP 2009;
- Endangered ecological communities (EEC) were present across approximately 70% of the site, comprising the Cumberland Plain Woodland and River Flat Eucalypt Forest on Coastal Floodplain;

- Five items of Aboriginal heritage significance were identified at the site (during the initial site walkover and induction);
- At the time of inspection, the site was partially cleared of vegetation but appeared to have been undergoing regeneration;
- Historically, the site appeared to have remained largely vacant, although some areas of potential agriculture were noted. A portion of the site was noted to have been leased by Blacktown City Council from 1983 and used for archery purposes until at least 2005;
- CH note that fill materials were reportedly placed at the site in 1983, 1984 and 1986 for the construction of the archery mounds and fields and again from 2001 to 2004 by an unauthorised contractor, as stated in the Phase 1 Contamination Assessment (GHD 2005b);
- Several areas of disturbed vegetation were noted during review of historical aerial photographs, notably, within the archery field during the mid-1980s, and areas to the east and southern portion of the site in the early 1990s, likely associated with the construction of the M4;
- Potentially contaminating activities at the site were noted to include: historical uncontrolled filling, illegal dumping of materials at the site, earthworks associated with adjacent infrastructure (i.e. the M4 construction), and agricultural land associated with potential grazing or market gardens.

On the basis of the desktop review, the site inspection, and with consideration to the geophysical survey, the SAQP provided guidance on the proposed DSI to be undertaken at the site, inclusive of advancement of intrusive soil sampling at 70 discrete sampling locations on a grid-basis across the site, as well as advancement of an additional 18 targeted soil sample locations to further characterise suspected fill materials at the site.

## 4.2 Detailed Site Investigation (DSI, CH2M HILL 2015b)

CH was engaged by SW to undertake a Detailed Site Investigation (DSI) for the property identified as the Northern Boiler Paddock, located at Honeman Close, Huntingwood, NSW (the site). The DSI was prepared for SW to facilitate divestment of the site and assess the requirements for management and/or remediation requirements for the site to be used for commercial/industrial land use, if required.

The DSI (CH2M Hill, 2015b) provides a summary of the PSI (CH2M Hill, 2015a) as well as detailing the findings of the intrusive investigation undertaken at the site, comprising of advancement of 92 sample locations via the use of either a backhoe or hand auger (depending on accessibility). Of the 92 sample locations, it was reported that 68 were advanced on a grid basis (based on the geophysical survey results from the PSI), 18 were targeted to stockpiles and suspected fill, and 6 surface soil samples were taken from across the site (as shown in **Figure 3**).

In addition to the summary of previous investigation outlined in the PSI (CH2M Hill 2015a), the DSI cites additional data from a GHD (2006[18]) report, noted to not be available in its entirety to CH at the time of reporting, but the data and figures of which were provided in the RAP (GHD 2007).

The DSI noted that asbestos had been detected in six samples from four locations in GHD 2005b, and two samples from two locations in GHD 2006. All of the sample locations from GHD (2005b and 2006) were reported to be within the archery field and embankment.

Fill materials at the site were identified during the DSI to approximately 1-2 m bgs within the archery field, and to a maximum depth of 4m bgs along the embankment (L-shaped mound) adjacent to the archery field. Additionally, fill material was identified in three separate stockpiles identified at the site, identified as Stockpile 1, Stockpile 2, and Stockpile 3 (as shown in **Figure 3**).

[18] *Additional Investigations, Further Delineation of Asbestos Impacts in Fill Material in the Archery Field,* Boiler Paddock Reserve, Prospect NSW, GHD, 2006 (GHD, 2006).

Collected samples were analysed for a range of Contaminants of Potential Concern (COPC) including heavy metals, Total Recoverable Hydrocarbons (TRH), Benzene, Toluene, Ethylbenzene, and Xylene (BTEX), Organochlorine Pesticides (OCPs), Polycyclic Aromatic Hydrocarbons (PAHs), Phenols, Polychlorinated Biphenyls (PCBs), and asbestos.

JBS&G further note that asbestos quantification (requiring a 10 L volume of soil subject to field screening with all asbestos collected and a discrete soil sample analysed for trace asbestos in soil as per NEPC 2013 and WA DOH 2009[19]) was not undertaken, with only 500 mL samples collected and submitted for analysis.

Analytical results from sample locations were reported to be below the laboratory Limit of Reporting (LOR) or adopted commercial/industrial land-use criteria as stated in NEPC 2013, with the exception of asbestos detected in soil at three sample locations at and surrounding the archery field and associated embankment as follows:

- NPB01_3.0_PACM (bonded asbestos), with a reported concentration of 0.0036% w/w asbestos, below the adopted commercial/industrial land use criteria of 0.05% w/w;
- NPB02_1.3_PACM (bonded asbestos), with a reported concentration of 0.0073% w/w asbestos, below the adopted commercial/industrial land use criteria of 0.05% w/w; and
- NPB06_1.0 (assumed friable asbestos), with a reported concentration of 0.0019% w/w asbestos, above the adopted commercial/industrial land use criteria of 0.001% w/w.

JBS&G further note that the DSI reported asbestos in the form of fibre cement debris, as well as loose fibre bundles at sample location NPB06_1.0. On this basis, materials represented by NPB06_1.0 are considered to be impacted with friable asbestos, as defined by NEPC (2013); i.e. friable asbestos includes weathered ACM, fibres, and fines. Lab reports provided in CH2M Hill (2015b) do not provide a specific concentration for bonded or friable asbestos, but rather asbestos concentrations as a whole. As a conservative measure, JBS&G has assumed the reported concentration to be representative of friable asbestos concentration within soil, above the adopted commercial/industrial land use criteria as stated in NEPC 2013.

All reported concentrations of bonded asbestos were below the applicable Health Screening Level (HSL) for bonded ACM in soils for commercial/industrial land-use of 0.05% w/w. Asbestos concentrations reported at NPB06_1.0 were reported above the applicable Health Screening Level (HSL) for friable asbestos and asbestos fines (FA/AF) in soils for commercial/industrial land-use of 0.001% w/w.

CH further noted that asbestos reported in the above samples was consistent with those reported by GHD 2005b and GHD 2006 (i.e. within the archery field and embankment).

In addition to the above, a “concrete pit lid” was also observed to the west of CH Stockpile 1 (refer to **Figure 3** for CH Stockpile 1 location). JBS&G further note that the concrete pit lid comprises a suspected in-ground septic tank. CH did not note any odours, standing, or putrescible materials during advancement of test pit (TS17) adjacent to the septic tank. The inferred location of the septic tank is provided on **Figure 2**.

The DSI also provides a preliminary waste classification on the basis of all data presented in the RAP (GHD 2007) and data obtained by CH during the DSI, which indicates all materials at the site could be classified as either General Solid Waste (GSW), or GSW mixed with Special Waste (Asbestos), in accordance with NSW EPA 2014[20].

On the basis of the above, CH concluded that the site was suitable for continued commercial/industrial land-use, subject to the implementation of an Environmental Management Plan (EMP) to further manage asbestos impacted materials across the archery field area. CH also recommended the preparation of a RAP

---

[19] *Guidelines for the Assessment Remediation and Management of Asbestos-Contaminated Sites in Western Australia,* May 2009. Western Australia Department of Health (DoH), (WA DOH 2009)

[20] *Waste Classification Guidelines – Part 1: Classifying waste*. NSW EPA 2014 (EPA 2014)

to facilitate the placement of asbestos impacted materials beneath an appropriately designed capping layer to minimise any future migration of existing asbestos impacts due to erosion or future works at the site.

## 4.3 Review of Historical Data and Site Inspection (WSP 2023[21])

WSP Australia Pty Ltd (WSP) was engaged by SW in 2023 to undertake a Review of the PSI (CH2M Hill 2015a) and DSI (CH2M Hill 2015b) as well as undertake a site investigation for the property identified as the Northern Boiler Paddock, located at Honeman Close, Huntingwood, NSW (the site).

The observations made by WSP during the site inspection remained generally consistent with site observations reported in the PSI and DSI (CH2M Hill 2015a and 2015b). No surficial asbestos was observed by WSP at the time of inspection. Some illegally dumped materials (comprising domestic waste) previously reported by CH2M Hill was not observed by WSP. WSP also noted illegally dumped domestic waste in two locations not previously reported by CH2M Hill.

The Review of Historical Data and Site Inspection report prepared by WSP concluded that the findings of the PSI and DSI (CH2M Hill) were considered to remain valid, and site conditions were largely unchanged from those reported previously.

## 4.4 Report on Geotechnical Investigation (DP 2023[22])

Douglas Partners Pty Ltd (DP) was engaged by SW to undertake a geotechnical and salinity assessment as part of a presale due diligence for the property identified as the Northern Boiler Paddock, located at Honeman Close, Huntingwood, NSW (the site).

The investigation was reported to include the advancement of 22 sampling locations via the use of a track mounted excavator, and drilling of eight boreholes using a track mounted drill rig at the site. Three of the boreholes advanced were also converted to groundwater monitoring wells.

Ground conditions encountered by DP during this investigation are summarised in **Table 4.1** below.

**Table 4.1 DP 2023 sub-surface condition summary**

| Stratigraphy | Description |
|---|---|
| Topsoil | Silty clay, gravelly clay, or silty sand topsoil observed to a depth of 0.1m to 0.4 m bgs. |
| Fill | Silty clay, with inclusions of brick, gravel, and plastic pipe, to a depth of between 0.2m and 2.4m bgs. |
| Natural Soil | Stiff to hard silty clay or sandy clay, to a depth of between 0.6m and 4.9 m bgs. |
| Interbedded Siltstone and Sandstone Bedrock | High to moderately weathered siltstone and slightly weathered sandstone, observed between 1.0m and 4.9 m bgs. |

No groundwater was observed during borehole or test pit advancement. Groundwater levels at the site measured at the three groundwater monitoring wells were reported at between 1.7m and 4.0 m bgs.

[21] Review of Historical Data and Site inspection*, Northern Boiler Paddock, Honeman Close, Huntingwood, NSW,* prepared for Sydney Water by WSP Australia Pty Ltd, dated 08 November 2023 ref. PS207339-WSP-SYD-CLM-Boiler Paddock-LTR-01 Rev C (WSP 2023)
[22] *Report on Geotechnical Investigation, Presale Due Diligence, North Boiler Paddock, Honeman Close, Huntingwood, NSW,* prepared for Sydney Water Corporation by Douglas Partners Pty Ltd, dated 21 November 2023 ref. 22503900. R.001.Rev0 (DP 2023)

# 5. Conceptual Site Model

NEPC (2013) identifies a CSM as a representation of site related information regarding contamination sources, receptors and exposure pathways between those sources and receptors. The development of a CSM is an essential part of all site assessment and remediation reports.

NEPC (2013) identified the essential elements of a CSM to include:

- Known and potential sources of contamination and contaminants of concern including the mechanism(s) of contamination;
- Potentially affected media (soil, groundwater, vapours etc.);
- Human and ecological receptors;
- Potential and complete exposure pathways; and
- Any potential preferential pathways for vapour migration (if potential for vapours identified).

## 5.1 Potential Areas of Environmental Concern

Based on the historical review potential areas of environmental concern (AEC) and associated contaminants of potential concern (COPC), the following have been identified and are presented in **Table 5.1**.

**Table 5.1 Areas of Environmental Concern and Associated Contaminants of Potential Concern**

| Area of Environmental Concern (AEC) | Contaminants of Potential Concern (COPC) |
|---|---|
| Filled areas associated with historical site activities including, modification of the surface water drainage lines in the northern site portion and formation of the archery mounds | Heavy metals (As, Cd, Cr, Cu, Hg, Ni, Pb, Zn), polycyclic aromatic hydrocarbons (PAHs), organochlorine pesticides (OCPs), polychlorinated biphenyls (PCBs), total recoverable hydrocarbons (TRH), benzene, toluene, ethylbenzene and xylenes (BTEX), volatile organic compounds (VOCs), per and poly-fluoroalkyl substances (PFAS), and asbestos. |
| Historical site activities including the potential occurrence of fly tipping and illegal dumping | Heavy metals, TRH/BTEX, PAHs, OCPs/PCBs, PFAS and asbestos |
| The potential for migration of contamination onto the site from as a result of adjoining land use activities, including the M4 motorway service centre and the TfNSW Crashlab | TRH/BTEX, VOCs/PFAS, PAHs |
| Potential impacts as a result of improper and/or incomplete demolition of former site improvements (including a former building, surface water management measures, archery infrastructure) | Heavy metals, asbestos |

Whilst a single in-situ septic tank has been identified in the eastern portion of the site, given the previous investigation results (CH2MHill 2015b), the absence of observations of potential physical indicators of impact and anticipated time since use, this is not considered to be an area of concern with regard to significant widespread contamination that may impact land use suitability.

In addition, whilst historical EPA licence documentation has indicated generally that herbicide spraying may have been undertaken broadly within the catchment and as such, within the Creek/drainage channel, given the general environmental lifespan of such chemicals in the environment, the absence of any storage of chemicals on-site (given the licenses were associated with external contractors), in addition to the likely overall frequency of such spraying within individual sites, JBS&G do not consider herbicide application to the site to comprise a possible area of concern/contaminant of potential concern associated with this site.

## 5.2 Potentially Contaminated Media

Potentially contaminated media present at the site includes:

- Fill material;
- Natural soils;
- Groundwater; and
- Surface Water.

The potential presence of fill material resulting from uncontrolled fill, generation of archery infrastructure, backfilling of amendment drainage line(s) and site levelling of the site may be a source of contamination given the unknown source and characteristics of imported material. If present, vertical migration of leachable COPCs from fill through the soil profile may occur given the relatively more permeable nature of placed/stockpiled material.

In addition, site surface soil impacts may have occurred as a result of improper/incomplete demolition of former structures and/or infrastructure at the site, in addition to the occurrence of fly-tipping events resulting in the placement of potentially impacted fill, B&D waste and/or household waste/car bodies etc at the site.

Based on data obtained from this investigation and previous investigations undertaken at the site, the depth to perched groundwater flow is anticipated to be as shallow as approximately 1.2 m bgs in portions of the site in addition to the occurrence of surface water drainage receptors within the site that may interact with such perched conditions. Whilst the presence of a residual clay profile beneath fill materials at the site is anticipated to limit the potential for downward migration of contaminants, given the proximity to the sensitive water receptors and potential for both on-site and off-site contaminant sources to be mobile, surface and groundwater are considered to be potentially contaminated media requiring further consideration.

In addition to the potential for groundwater impact, where volatile COPCs occur within either non-saturated soil and/or in groundwater, there is the potential for contaminants to be present within soil vapour at the site. As such, further consideration of such conditions would only be required, where volatile COPCs are identified at the site.

## 5.3 Potential for Migration

Contaminants generally migrate from source areas via a combination of windblown dusts, rainwater infiltration, groundwater migration, and surface water runoff. The potential for contaminants to migrate is a combination of:

- The nature of the contaminants (solid/liquid and mobility characteristics);
- The extent of the contaminants (isolated or widespread);
- The location of the contaminants (surface soils or at depth); and
- The environmental characteristics of the site (topography, geology, hydrology etc).

The COPC identified as part of the site history review and site inspection are potentially present in solid form (e.g. heavy metals, asbestos, etc.) or liquid form (e.g. TRH, BTEX, PFAS, VOCs, OCPs).

Given the dense vegetated landscaped across the site, there is currently considered to be minimal potential for contamination migration by wind-blown dust and surface water movement. However, should vegetation clearance occur, the potential for requirements to manage the bulk movement via surface water and/or dust migration would be necessary to address such risks.

The potential for surface water and/or groundwater contamination migration onto the site has been identified given the surrounding upgradient offsite adjacent and nearby premises, including but not limited to the Crashlab facility and fuel filling station to the west and southwest respectively. The potential for migration of

contaminants in surface water and/or groundwater, if present, from the site is considered to be low to moderate and generally driven by the potential occurrence of impacts migrating onto the site. The likely pathway of groundwater migration at the site would be through fractured/incompetent bedrock present at the clay/rock interface.

Similarly, given the presence of two tributaries of Bungarribee Creek through the site, the risk for migration of potential surface water contamination laterally across the site (confined to surface water pathways) is considered moderate. Vertical migration through overlying fill and/or natural clay materials at the site is considered to be low on the basis of the low permeability of natural clay materials.

## 5.4 Potential Exposure Pathways

Based on the COPCs identified in various media as discussed above, the exposure pathways for the site include:

- Oral and dermal direct contact with impacted soils and groundwater/surface water (either through beneficial re-use, water made accessible via excavation, or recreational).
- Inhalation of airborne contaminants (including airborne asbestos fibres).
- Inhalation of vapours (if present) migrating from impacted soils, surface water, and groundwater.
- Contaminant uptake via flora (uptake) or fauna (oral, dermal and bioaccumulation).

## 5.5 Potential Receptors

Potential receptors of environmental impact present within the site include:

- Current users of the site who may potentially be exposed to COPC through direct contact (oral, dermal) with, or ingestion of, impacted soils and/or groundwater/surface water and/or inhalation of dusts/fibres/vapours associated with impacted media;
- Excavation/construction/maintenance workers conducting activities at the site, who may potentially be exposed to COPCs through direct contact with impacted soils and/or groundwater/surface water or inhalation of impacts associated with impacted media;
- Future workers and landowners who may potentially be exposed to COPC through direct contact with or ingestion of impacted soils and/or groundwater/surface water, and/or inhalation of dusts/fibres associated with impacted media; and
- Ecological receptors present across a majority of the site, inclusive of ecological plant communities and associated fauna and present within surface water receptors downgradient of the site as a result of contaminant migration.

## 5.6 Preferential Pathways

For the purpose of this assessment, preferential pathways have been defined as natural and/or man-made pathways that result in the preferential migration of COPC as either solids, liquids, or gasses.

Man-made preferential pathways are likely present throughout the site, generally associated with areas of previously disturbed natural ground present beneath the existing ground surface and unconsolidated fill materials. Subsurface service easements and drainage trenches will also provide potential preferential contamination pathways for mobile and vapour contaminants. Fill materials and disturbed natural soil are anticipated to have a higher permeability than the underlying natural soils and/or bedrock.

# 6. Sampling and Analytical Plan

## 6.1 Data Quality Objectives

Data quality objectives (DQOs) are statements that define the confidence required in conclusions drawn for data produced for a project, and which must be set to realistically define and measure the quality of data needed.

DQOs have been developed for this DSI, as discussed in the following sections.

### 6.1.1 State the Problem

The site (or portions thereof) has historically been used for archery activities, construction staging and possibly some general recreational activities. The client intends to redevelop the site, consistent with a commercial/industrial land use scenario (NEPC 2013) and as such requires an assessment of potential contamination to draw conclusions regarding the potential contamination status of the site for the proposed land use, or to facilitate recommendations to enable such conclusions to be made.

### 6.1.2 Identify the Decision

The decisions below generally follow the EPA (2017[23]) decision making process for assessing urban redevelopment sites:

1. Are there any unacceptable risks to likely future onsite receptors?
2. Are there any issues relating to local area background soil concentrations?
3. Are there any impacts of chemical mixtures that could increase potential contamination risks?
4. Are there any aesthetic issues?
5. Is there any evidence of, or potential for, migration of contaminants from the site?
6. Are further investigations and/or a site management strategy required?

### 6.1.3 Identify Inputs to the Decision

Inputs identified to provide sufficient data to make the decisions nominated above include:

- Findings of the desktop review of site information, including data presented from previous site investigations;
- A detailed site inspection/walkover;
- Physical observations and interpretation of potentially contaminated media through the collection of soil, groundwater and surface water samples;
- Development of appropriate assessment criteria for evaluation of soil, groundwater and surface water impacts;
- Laboratory analysis of soil, groundwater and surface water samples for COPC; and
- Confirmation that data generated by sample analysis are of an acceptable quality to allow reliable comparison to assessment criteria by assessment of quality assurance / quality control as per the data quality indicators established in **Section 6.1.6**.

[23] *Guidelines for the NSW Site Auditor Scheme* (3rd Edition). NSW Environment Protection Authority, October 2017, EPA 2017;

Specifically, sufficient data needs to be collected from each of the identified potentially impacted media (e.g. soils and groundwater/ surface water) in the identified AEC for the associated COPC.

### 6.1.4 Define the Study Boundaries

The study boundaries are limited to the cadastral boundaries of the site as described in **Section 2.1** and shown on **Figure 2**. It is noted that whilst the study includes the complete site to the cadastral boundaries, as a result of vendor-imposed access restrictions associated with ecological and heritage sensitivities, the implemented intrusive investigation program was limited to those areas beyond the exclusion zones as presented in **Figure 2**.

The vertical extent of the investigation was limited to a maximum depth of 8.0 m bgs, the depth of the deepest borehole (BH10/MW10) drilled as part of the investigation. Soil sampling was undertaken to a maximum depth of 4.5 m bgs and groundwater wells were installed to depths of up to 8.0 m bgs (MW05). Surface water sampling was restricted to the accessible portions of tributaries of Bungaribee Creek which were observed to flow through the site.

Due to the project objectives and associated time constraints, seasonality was not assessed as part of this investigation. Data are therefore representative of the timing and duration of the current investigation.

### 6.1.5 Develop a Decision Rule

Soil, surface water, and groundwater analytical data was assessed against adopted site assessment criteria sourced from NSW EPA made or approved guidance, presented in **Section 7**.

The decision rules adopted to answer the decisions identified in **Section 6.1.2** are summarised in **Table 6.1**.

**Table 6.1 Summary of Decision**

| Decision Required to be Made | Decision Rule |
|---|---|
| 1. Are there any unacceptable risks to onsite future receptors? | A) Soil analytical data was compared against adopted site-specific criteria.<br>Statistical analyses of soil data were undertaken, where appropriate in accordance with relevant guidance documents. The following statistical criteria were adopted:<br>• The 95 % Upper Confidence Limit (UCL) on the average concentration for each analyte (calculated for samples collected from consistent soil horizons, stratigraphy or material types) must be below the adopted criterion;<br>• No single analyte concentration shall exceed 250 % of the adopted criterion; and<br>• The standard deviation of the results must be less than 50 % of the criterion.<br>The criteria in **Section 7.2**, and the statistical criteria as stated above were adopted for assessing soil analytical data.<br>If the statistical criteria stated above were satisfied, the answer to the decision was **No**.<br>If the statistical criteria were not satisfied, the answer to the decision was **Yes**. |
| | B) Groundwater analytical data was compared against adopted site assessment criteria. If the reported concentrations were all below the Site Criteria, the answer to the decision was **No**;<br>If analytical concentrations were in excess of the site criteria, further consideration of potential risks would be required to establish whether the results are indicative of background conditions. If this was not the case, then the answer to the decision was **Yes**. |

| | |
|---|---|
| | C) Surface water analytical data was compared against adopted site assessment criteria.<br>If the reported concentrations were all below the adopted site criteria, the answer to the decision was **No**;<br>If analytical concentrations were in excess of the site criteria, further consideration of potential risks would be required to establish whether the results are indicative of background conditions. If this was not the case, then the answer to the decision was **Yes**. |
| 2. Are there any issues relating to the local area background soil concentrations that exceed appropriate soil criteria? | Background soil concentrations as detailed in Trace Element Concentrations in Soils from Rural and Urban Areas of Australia (Henry Olszowy *Et Al*. 1995[24]) were used for comparison of site soil data.<br>If there were any contaminants in natural soils at concentrations substantially above background ranges, then the answer was **Yes.**<br>Otherwise, the answer was **No.** |
| 3. Are there any chemical mixtures that could increase potential contamination risks? | Were there more than one group of contaminants present which increase the potential risk of harm?<br>If there was, the answer to the decision was **Yes**.<br>Otherwise, the answer to the decision was **No**. |
| 4. Are there any contaminant odours, or other unacceptable aesthetic concerns? | If there were any ACM fragments on the ground surface or subsurface soils, any unacceptable odours or soil discolouration, or significant anthropogenic material, the answer to the decision was **Yes**.<br>Otherwise, the answer to the decision was **No**. |
| 5. Is there any evidence of, or potential for, migration of contaminants from the site? | Based on assessment results, was there any evidence of, or the potential for, migration of unacceptable contaminant concentrations to migrate from the site?<br>If yes, the answer to the decision was **Yes**.<br>Otherwise, the answer to the decision was **No**. |
| 6. Is a site management strategy required? | Is the answer to any of the above decisions Yes?<br>If **Yes,** a site management strategy is required to address unacceptable contamination concerns at the Site so as to make the site suitable for permissible site uses.<br>If **No**, a site management strategy is not required and the site is considered suitable, from a contamination view point for the proposed use. |

### 6.1.6 Specific Limits on Decision Errors

This step is to establish the decision maker's tolerable limits on decision errors, which are used to establish performance goals for limiting uncertainty in the data. Data generated during this project must be appropriate to allow decisions to be made with confidence.

Specific limits for this project have been adopted in accordance with the appropriate guidance from the NSW EPA, NEPC (2013), ANZECC (2000), DEC (2007[25]), appropriate data quality indicators (DQIs) used to assess QA/QC, and standard JBS&G procedures for field sampling and handling.

The pre-determined DQIs established for the project are discussed below in relation to precision, accuracy, representativeness, comparability, completeness, and sensitivity (PARCCS parameters), and are shown in **Table 6.2**.

[24] '*Trace Element Concentrations in Soils from Rural and Urban Areas of Australia'*, Henry Olszowy *Et Al*., (Henry Olszowy *et Al.* 1995)
[25] Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination. NSW Department of Environment and Conservation 2007 (DEC 2007)

- **Precision** - measures the reproducibility of measurements under a given set of conditions. The precision of the laboratory data and sampling techniques is assessed by calculating the Relative Percent Difference (RPD[26]) of duplicate samples.
- **Accuracy** - measures the bias in a measurement system. The accuracy of the laboratory data that are generated during this study is a measure of the closeness of the analytical results obtained by a method to the 'true' value. Accuracy is assessed by reference to the analytical results of laboratory control samples, laboratory spikes and analyses against reference standards.
- **Representativeness** –expresses the degree which sample data accurately and precisely represent a characteristic of a population or an environmental condition. Representativeness is achieved by collecting samples on a representative basis across the site, and by using an adequate number of sample locations to characterise the site to the required accuracy.
- **Comparability** - expresses the confidence with which one data set can be compared with another. This is achieved through maintaining a level of consistency in techniques used to collect samples; ensuring analysing laboratories use consistent analysis techniques and reporting methods.
- **Completeness** – is defined as the percentage of measurements made which are judged to be valid measurements. The completeness goal is set at there being sufficient valid data generated during the study.
- **Sensitivity** – expresses the appropriateness of the chosen laboratory methods, including the limits of reporting, in producing reliable data in relation to the adopted criteria.

If any of the DQIs are not met, further assessment of the data set is required in order to determine whether the non-conformance has significant effects on the usefulness of the data. Corrective action to correct an adverse impact on the reliability of the dataset may include, but is not limited to, the request of further information from samplers and/or analytical laboratories, downgrading of the quality of the data or alternatively, re-collection of the data.

[26] $C_0$ = analyte concentration of the original sample, $C_d$ = analyte concentration of the duplicate sample

$$RPD(\%) = \frac{|C_o - C_d|}{C_o + C_d} \times 200$$

**Table 6.2 Summary of Quality Assurance / Quality Assurance Program**

| Data Quality Objectives | Frequency | Data Quality Indicator |
|---|---|---|
| **Precision** | | |
| Split duplicates (intra laboratory) | 1 / 20 samples, apart from PFAS, where a frequency of 1 /10 samples was required as per NEMP 2.0 (2020[27]) | <50% RPD[1] |
| Blind duplicates (inter laboratory) | 1 / 20 samples apart from PFAS - 1/10 samples | <50% RPD[1] |
| Laboratory Duplicates | 1 / 20 samples | <50% RPD[1] |
| **Accuracy** | | |
| Surrogate spikes | All organic samples | 70-130% recovery |
| Laboratory control samples | 1 per lab batch | 70-130% recovery |
| Matrix spikes | 1 per lab batch | 70-130% recovery |
| **Representativeness** | | |
| Sampling appropriate for media and analytes | All samples | -[2] |
| Samples extracted and analysed within holding times. | - | Organics (14 days), inorganics (6 months) |
| Laboratory Blanks | 1 per lab batch | <LOR |
| Trip blanks | 1 per lab batch | <LOR |
| Trip spike | 1 per lab batch | 70-130% recovery |
| Storage blank | 1 per lab batch | <LOR |
| Rinsate sample | 1 per sampling event/media | <LOR |
| **Comparability** | | |
| Standard operating procedures for sample collection & handling | All Samples | All Samples |
| Standard analytical methods used for all analyses | All Samples | NATA accreditation |
| Consistent field conditions, sampling staff and laboratory analysis | All Samples | All samples[2] |
| Limits of reporting appropriate and consistent | All Samples | All samples[2] |
| **Completeness** | | |
| Sample description, monitoring and field reporting sheets and Chain of Custody (COCs) completed and appropriate | All Samples | All samples[2] |
| Appropriate documentation | All Samples | All samples[2] |
| Satisfactory frequency and result for QC samples | | 95% compliance |
| Data from critical samples is considered valid | - | Critical samples valid |
| **Sensitivity** | | |
| Analytical methods and limits of recovery appropriate for media and adopted site assessment criteria | All samples | LOR<= site assessment criteria |

[27] *PFAS National Environmental Management Plan 2.0.* - Heads of EPAs Australia and New Zealand, January 2020 (PFAS NEMP 2020)

[1] If the RPD between duplicates is greater than the pre-determined data quality indicator, a judgment was made as to whether the excess is critical in relation to the validation of the data set or unacceptable sampling error is occurring in the field.

[2] A qualitative assessment of compliance with standard procedures and appropriate sample collection methods was completed during the DQI compliance assessment.

## 6.2 Optimise the Design of Obtaining Data

Various strategies for developing a statistically based sampling plan are identified in *Contaminated Land Guidelines: Sampling design part 1* (EPA 2022[28]), including judgemental, random, systematic, and stratified sampling patterns. The adopted sampling methodology is discussed in the following sections. Consideration to the historical dataset as presented in CH2M Hill (2015b) and the vendor-imposed access restrictions also informed the implemented sampling strategy and methodology as outlined below.

### Soil Investigation

The site has a total area of approximately 21 ha. EPA (2022) recommends for sites of greater than 5 ha a stratified sampling approach be adopted, in preference to adoption of a generic 220 soil sampling locations on a systematic 30 m grid basis. With consideration to the findings of the historical investigations, as summarised in **Section 4**, and site access restrictions due to the presence of dense vegetation in the south of the site, Vendor applied European and indigenous archaeology, and ecological exclusion zones (as shown in **Figure 2**), JBS&G implemented a stratified sampling pattern combining systematic (grid) and judgemental (targeted) sampling locations.

Targeted sampling was undertaken in areas of known historic filling and/or stockpiling, as presented in previous investigations (**Section 4**), and a systematic approach was undertaken in the remaining accessible areas of the site to characterise AECs/COPCs across the balance of the site.

A total of 36 test pits were advanced across the site, with an additional five boreholes advanced within accessible areas to enable installation of groundwater monitoring wells, that resulted in investigation from a total of 41 soil sampling locations.

The 41 sample locations completed in accessible areas, when considering the existing available data, site observations and the CSM, is considered to have been appropriate to broadly identify significant areas of potential concern as may occur at the site in relation to the proposed future development scheme.

Soil sampling locations advanced as part of this current investigation are shown in **Figure 4**.

### Groundwater Investigation

The potential for groundwater contamination at the site was identified to be generally associated with the potential for contaminant migration onto the site from surrounding commercial/industrial activities. A total of five boreholes completed in accessible portions of the site were converted into groundwater monitoring wells (JBMW01 through JBMW05) as shown on **Figure 4**.

As a result of the access limitations imposed by a combination of the vendor, wet ground conditions and limited access across the creek line, three wells (JBMW01 to JBMW03) were located as close as practicable to potential migration source boundaries, noting these were limited to east of the western creek/drainage channel. JBMW04 was installed within the northern fill area of the site to establish potential conditions flowing onto the site in a westerly direction from beyond Honeman Close, whilst JBMW05 was designed as a background well assessing potential flows onto the site from the south-east and Reservoir Road.

The groundwater monitoring wells were constructed from 50 mm unplasticised polyvinyl chloride (UPVC) screen and casing, with appropriate gravel packs, bentonite seals, and lockable caps to complete the wells. The wells were then completed with flush mounted gatic covers.

[28] Contaminated Land Guidelines: Sampling design part 1 – application, NSW EPA, August 2022 (EPA 2022)

The wells were developed on the same day as installation utilising a foot-valve and high-density polyethylene tubing to ensure adequate connection to the aquifer and removal of sediments introduced to the wells during installation. During well development, approximately 20 L was purged from each well and then allowed to recharge.

**Surface Water Investigation**

The potential for migration of contamination onto the site associated with surrounding commercial/industrial land-use activities was identified during the desktop assessment. With consideration to the limited site access for installation of groundwater monitoring wells and the potential additional contamination migration pathways as a result of surface water flow from these upgradient locations, site characterisation also included adoption of surface water sampling locations. Surface water sampling locations were limited to the extent these areas were accessible during the site investigation program.

A total of six surface water samples (SW01 to SW06) were collected from the tributaries of Bungarribee Creek present at the site. Samples were collected from surface water bodies at accessible locations within the site using a swing-sampler and immediately filtered (as necessary) and transferred to laboratory supplied sample bottles.

The location of surface water sampling locations is shown on **Figure 4**.

The soil, groundwater and surface water sampling and analysis program are summarised in **Table 6.3**.

### 6.2.1 Sampling Methodology

#### 6.2.1.1 Soil Sampling Methodology

Soil sampling locations were advanced utilising a drill rig equipped with 150 mm diameter solid flight augers or using a backhoe fitted with a 450 mm bucket.

Soil samples were generally collected from the soil surface or immediately underlying, and then approximately 0.5 m intervals to a maximum depth of 5.5 m bgs for boreholes or a maximum of 3.5 m bgs for test pits, the maximum reach of the backhoe. Where significantly differing soil stratigraphy was encountered, the soil sampling density was increased to ensure that each material type was sampled for potential analysis. Soil samples were collected from the surface to natural materials at every investigation location.

During the collection of soil samples, features such as seepage, discolouration, staining, odours, ACM and other indicators of contamination were noted on investigation logs presented in **Appendix H**.

Soil samples for the contamination assessment were collected directly from the augers, or from the centre of the backhoe bucket using a fresh, dedicated pair of nitrile gloves and immediately transferred to laboratory supplied sample jars, containers and bags. The sample containers were then transferred to a chilled esky for sample preservation prior to and during shipment to the testing laboratory. A chain-of-custody form was completed and forwarded with the samples to the testing laboratory.

Not all samples collected were analysed. Selected samples were analysed in accordance with the analytical schedule (**Table 6.3**). All samples remain at the primary laboratory for a period of two months. This allows for future analysis to be completed in the event that further information is required to characterise site conditions, provided that proposed analytes remain within analytical holding times.

#### 6.2.1.2 Asbestos Quantification (AQs)

As part of this assessment, AQs were undertaken at all sample locations were fill with anthropogenic inclusions was observed, as described in the test pit logs presented in **Appendix H**. At each sample location, separate AQs were undertaken for every metre increment of fill or change in fill lithology.

The following methodology for AQs was undertaken in accordance with the procedures included in NEPC (2013) as derived from WA DoH (2009):

- Sufficient soil was collected from each sample interval to enable AQ sampling (minimum 10 L sample);
- At each sample location, the 10 L fill-based soil sample was spread for inspection on a contrasting colour material (e.g., bright blue plastic sheeting) in layers no greater than 100 mm;
- For each sample all observable bonded ACM or friable asbestos (FA) was collected in separate sample bags (i.e., one sample bag for bonded ACM and one sample bag for FA for each sample) for weighing to enable asbestos soil concentrations to be calculated;
- The approximate mass of the soil volume was calculated using a soil density of 1.63 g/cm$^3$ [29], which is based on the predominant fill matrix size comprising silty, sandy clay;
- One discrete 500 mL sample was collected for laboratory asbestos analysis from each AQ at each sampling location, regardless of whether bonded ACM or FA was observed;
- 500 mL samples were submitted to a NATA accredited laboratory for asbestos analysis in accordance with AS 4964-2004: Method for the Qualitative Identification of Asbestos in Bulk Samples;
- Fragments of non-friable (bonded) ACM collected from each AQ was weighed in-house using a calibrated scale with an accuracy of 0.01 g and the measured weight recorded; and
- A test pit log for each sampling location was recorded, noting the presence (and type) or absence of observable asbestos, soil description, volume of spoil sampled at each depth, and other observable contamination indicators.

**Calculation of Bonded ACM or FA Concentration**

Asbestos percentage was calculated as per the formula below:

$$\%w/w\ asbestos\ in\ soil = \%\ asbestos\ content\ x \frac{(bonded\ ACM\ or\ FA)(kg)}{soil\ volume\ (L)\ x\ soil\ density\ (kg/L)}$$

For bonded ACM, an asbestos content of 15 % was assumed, in accordance with Schedule B1, NEPC (2013). For FA, a conservative asbestos content of 100 % was used. It should be noted that FA was not observed in any AQ.

Samples were analysed in accordance with the laboratory schedule provided in **Table 6.3**.

### 6.2.1.3 Groundwater Sampling Methodology

Groundwater monitoring wells (JBMW01 through JBMW05) installed and sampled for the assessment of groundwater at the site are shown on **Figure 4**.

Prior to sampling, the depth to water and potential presence of light non-aqueous phase liquid (LNAPL) was measured using an oil/water interface probe. Monitoring wells were then sampled using a low-flow peristaltic pump. Low flow pumping was then undertaken with a peristaltic pump using new disposable silicone tubing and disposable High-Density Polyethylene (HDPE) tubing for sampling at each monitoring well to remove standing, static water. The HDPE tubing was lowered to a maximum depth of two-thirds of the wetted screen length of the monitoring well prior to the commencement of purging. Groundwater sampling was undertaken by pumping at the highest possible flowrate whilst ensuring that minimal fluctuations in depth to water occurred.

Field probes ion a flow cell were used to measure electrical conductivity (EC) redox potential (Eh), pH, and temperature. As per sampling guidance provided by the Victorian EPA (April 2000) - *Groundwater Sampling Guidelines,* groundwater samples were collected when:

[29] *Field Geologist' Manual (3rd Edition), The Australian Institute of Mining and Metallurgy*, 1989, Table 7.3.3 (Bulking factors for expansion of common rock materials)

- Consecutive EC readings are within 3%;
- Consecutive Eh readings are within 10mV;
- Consecutive pH readings are within 0.5; and
- Consecutive temperature readings are within 0.2°C

It is noted that dissolved oxygen readings were not documented during this process as per standard procedure as the probe failed field calibration and as such, readings were considered unreliable.

Sampling notes were completed for each monitoring well detailing parameter stabilisation and sampling observations (**Appendix J**). Collected groundwater samples were immediately filtered (for heavy metals) or collected directly into laboratory supplied sample bottles specific to each analyte. Sample containers were then transferred to a chilled iced box for sample preservation prior to and during shipment to the testing laboratory. A chain-of-custody form was completed and forwarded with each sample batch to the laboratory. Groundwater samples were analysed in accordance with **Table 6.3**.

#### 6.2.1.4 Surface Water Sampling Methodology

Surface water samples were collected from six separate locations along existing creeks tributaries at the site using the procedure outlined below:

- A swing sampler, comprising an extendable fibre glass arm and a HDPE container was lowered into the surface water at accessible locations.
- Samples were collected immediately below the water surface to minimise disturbance of the water column and to minimise collection of sediment in the samples.
- Once the sample was retrieved, laboratory supplied sample bottles were filled to the top to ensure no headspace and the cap immediately applied.
- Each of the sample containers were labelled only using ball point pens with the project ID, date, sampler's initials and unique monitoring well ID (or QC sample name).
- In order to minimise exposure to sunlight, sample bottles were placed immediately into pre-chilled ice chest, for transport to the testing laboratories.
- Chain of custody documentation was completed for each batch of samples relinquished to the laboratory.
- A calibrated WQM was used to measure field parameters including pH, EC, redox and potential and temperature by lowering the probes into the surface water and allowing them to equilibrate.
- General observations of the surface water quality and flow was recorded.
- Re-usable sampling equipment (e.g. sampling pole, where used and not dedicated to the sampling location) was decontaminated between sample locations.
- QA/QC samples were collected in accordance with **Section 6.2.2** to assess the effectiveness of the sampling and decontamination procedures.

Samples were analysed in accordance with the laboratory schedule (refer to **Table 6.3**).

### 6.2.2 Laboratory Analysis

JBS&G contracted Eurofins Environment Testing (Eurofins) as the primary laboratory for the required analyses. Envirolab Services Pty Ltd (Envirolab) were contracted for analysis of triplicate samples. Eurofins and Envirolab are NATA registered for the required analyses. In addition, the laboratory data was assessed against JBS&G internal QA/QC requirements. Laboratory analysis of samples was conducted as summarised in **Table 6.3**.

**Table 6.3 Sampling and Analysis Program**

| Sample Type | No. Sample Locations | Analyses |
|---|---|---|
| Soil | 36 test pits<br>5 boreholes for well installation | Heavy metals – 36 samples<br>Polycyclic aromatic hydrocarbons (PAHs) – 36 samples<br>Total recoverable hydrocarbons (TRH) – 36 samples<br>Benzene, toluene, ethylbenzene, xylene (BTEX) – 17 samples<br>Asbestos – 63 samples<br>OCPs/PCBs – 18 samples<br>PFAS/PFOS – 18 samples<br>Toxicity characteristic leaching procedure (TCLP) for heavy Metals and PFAS (waste classification) – 3 samples<br>Ecological investigation parameters – 2 samples |
| Groundwater | 4 wells<br>(1 well dry at the time of sampling) | Heavy metals – 4 samples<br>VOCs – 4 samples<br>TRH – 4 samples<br>PFAS/PFOS (trace level)– 4 samples<br>pH/EC/anions/cations/TDS – 4 samples |
| Surface Water | 6 locations | Heavy metals – 4 samples<br>VOCs – 4 samples<br>TRH – 4 samples<br>PFAS/PFOS (trace level) – 6 samples<br>pH/EC/anions/cations/TDS – 6 samples |

In addition to the above primary analyses, to address the DQIs, field split and blind duplicate soil/groundwater/surface water samples were analysed at a rate of at least 1/20 primary samples (apart from PFAS analysis suite, which was completed at 1/10 as per NEMP (2020). A rinsate sample was collected from non-disposable sampling equipment used for water sampling. A single trip blank and trip spike sample was submitted along with the soil and water sample batches.

#### 6.2.2.1 Duplicate and Triplicate Sample Preparation

At selected sample points, sufficient soil and water samples were collected to provide primary, blind (intra-laboratory), and split (inter-laboratory) duplicate samples. Soil samples were not homogenised to minimise the loss of potential volatiles. Each sample was labelled with primary, duplicate, or triplicate sample identification before being placed in the same chilled esky for transport to the laboratory. Representative water samples were collected consecutively after parameter stabilisation.

#### 6.2.2.2 Equipment Decontamination

Where sampling equipment was required to be reused (e.g., interface probe, water quality meter, swing sampler), appropriate decontamination procedures, including pressure washing and rinsing augers in accordance with standard JBS&G operating procedures were adhered to. Decontamination forms are provided in field notes provided as **Appendix J**.

New nitrile gloves were utilised for the collection of each soil sample to avoid cross contamination between samples and locations.

# 7. Assessment Criteria

## 7.1 Regulatory and Technical Guidelines

The investigation was undertaken with consideration to aspects of the following guidelines, as relevant:

- *National Environment Protection (Assessment of Site Contamination) Measure 2013* (as amended 2013). National Environment Protection Council (NEPC 2013);
- *Contaminated Land Guidelines: Sampling design part 1 – application*. NSW EPA, August 2022 (EPA 2022);
- *Consultants Reporting on Contaminated Land, Contaminated Land Guidelines*. NSW EPA, 2020 (EPA 2020);
- *Contaminated Sites: Guidelines for the NSW Site Auditor Scheme, 3rd Edition*. NSW EPA, 2017 (EPA 2017);
- *Guidelines for the Assessment Remediation and Management of Asbestos-Contaminated Sites in Western Australia*, May 2009. Western Australia Department of Health (DoH), (WA DOH 2009);
- *Contaminated Sites: Guidelines for the Assessment and Management of Groundwater Contamination*. NSW Department of Environment and Conservation March 2007 (DEC 2007);
- *Australian and New Zealand Guidelines for Fresh and Marine Water Quality*. Australian and New Zealand and Australian State and Territory Governments (ANZG August 2018);
- *PFAS National Environmental Management Plan 2.0*. - Heads of EPAs Australia and New Zealand, January 2020 (PFAS NEMP 2020); and
- *Waste Classification Guidelines Part 1: Classifying Waste.* NSW EPA, 2014 (EPA 2014).

## 7.2 Assessment Criteria

### 7.2.1 Soil Assessment Criteria

As per the decision process for assessment of urban development site (EPA 2017), a set of health and ecological assessment thresholds derived from NEPC (2013) was used for evaluation of site contamination data collected for this assessment. Given the proposed use of the site, the site has been compared to land use criteria applicable to commercial/industrial premises such as shops, offices, factories and industrial sites. Given the presence of protected ecological environments across the majority of the site, consideration to a more sensitive site-specific ecological assessment thresholds for areas of ecological significance were also considered.

The Site is zoned IN1 General Industrial under the State Environmental Planning Policy (Industry and Employment) 2021.

The site assessment criteria adopted for this assessment are summarised as follows:

- Health Investigation Levels (HILs) for commercial/industrial land uses – NEPC 2013, HIL-D;
- Health Screening Levels (HSLs) for petroleum hydrocarbons considering potential for vapour intrusion, commercial industrial (NEPC 2013);
- HSLs for asbestos contamination in soil for commercial/industrial land use (HSL D) – NEPC (2013);
- Management limits for hydrocarbons for commercial/industrial land use (NEPC 2013);
- Site specific ecological investigation levels (EILs) based on NEPC (2013) for commercial and industrial land use and areas of ecological significance;

- Ecological Screening Levels (ESLs) for TPH fractions, BTEX and benzo(a)pyrene for commercial industrial land use and areas of ecological significance (NEPC 2013); and
- PFAS National Environmental Management Plan Human Health Screening Values for commercial/industrial land use.

Where there were no NSW EPA endorsed thresholds the laboratory limit of reporting (LOR) was adopted as an initial screening value for the purposes of this assessment.

Asbestos analysis was undertaken in general accordance with NEPC (2013) including DOH (2009) guidance with regard to the adopted sampling methodology.

Aesthetics were also considered in the assessment of site suitability consistent with EPA (2017) and NEPC (2013).

EILs for some metals were derived using site specific data reported for pH, cation exchange capacity (CEC), and clay content, consistent with NEPC (2013) guidelines. Two representative soil samples were submitted for laboratory analysis to determine physical parameters including Cation Exchange Capacity (CEC), pH and % clay and average values used to derive site-specific EILs. Based on this information the site-specific criteria for copper, nickel, chromium and zinc as outlined in **Table 7.1** were derived for the site using the EIL spreadsheet provided in the NEPC toolbox[30].

Detailed laboratory reports and chain of custody documentation is provided in **Appendix K**.

**Table 7.1 Site specific EILs**

| Sample | Physical Parameters | | | |
|---|---|---|---|---|
| | CEC (meq/100g) | pH (pH units) | % Clay | % Organic Carbon |
| JBTP11_0.3-0.4 | 17 | 8.6 | 31 | 1.1 |
| JBMW01_0.0-0.1 | 21 | 6.7 | 24 | 1.4 |
| | Investigation Levels | | | |
| Contaminant | EIL (Comm/Ind) | | EIL (Areas of Ecological Significance) | |
| Chromium (III) | **940** | | **190** | |
| Copper | **330** | | **95** | |
| Nickel | **450** | | **50** | |
| Zinc | **1200** | | **270** | |

Laboratory analysis results are provided for total chromium (chromium III + chromium VI), however, the criterion relates to chromium VI, therefore, the total chromium concentration has compared against the EIL for initial screening purposes.

### 7.2.2 Groundwater Assessment Criteria

Groundwater analytical data for this assessment has been compared against the following groundwater criteria:

- ANZG (2018) Trigger Values for Freshwater Aquatic Ecosystems for 95% species protection;
- HEPA, PFAS National Environmental Management Plan (NEMP) Tier 1 Screening Values for Freshwater; and
- HSLs for vapour intrusion for commercial/industrial land uses.

[30] https://www.nepc.gov.au/nepms/assessment-site-contamination/toolbox, accessed 25 June 2024

Guideline values for the protection of freshwater ecosystems have been adopted noting the presence of tributaries of Bungarribee Creek, as the receiving waterbody, present throughout the site.

# 8. Quality Assurance / Quality Control

## 8.1 QA / QC Results

The QA/QC results for all samples collected at the site are summarised in **Table 8.1** and discussed in **Section 8.2** below. Detailed QA/QC results are included in **Appendix L**, while the laboratory reports are presented in **Appendix K**.

**Table 8.1 Data Quality Indicator Assessment**

| Data Quality Objectives | Result | DQO Met? |
|---|---|---|
| **Precision** | | |
| Split duplicates (intra laboratory) | 1 / 20 samples (soil) 1 / 10 samples for PFAS in soil: 0-51% RPD<br>1 / 5 samples (water): 0-67% RPD | Partial[1]<br>Partial[1] |
| Blind duplicates (inter laboratory) | 1 / 20 samples (soil) 1 / 10 samples for PFAS in soil: 0-107% RPD<br>1 / 5 samples (water): 0-133% RPD | Partial[1]<br>Partial[1] |
| Laboratory Duplicates | 1 / 10 samples (soil): <50% RPD<br>1/1 samples (water): <50% RPD | Yes<br>Yes |
| **Accuracy** | | |
| Surrogate spikes | 0-196% recovery | Partial[1] |
| Laboratory control samples | 67-139% recovery | Partial[1] |
| Matrix spikes | 43-162% recovery | Partial[1] |
| **Representativeness** | | |
| Sampling appropriate for media and analytes | Yes | Yes |
| Samples extracted and analysed within holding times. | All primary and duplicate samples were extracted within 14 days of sampling. | Yes |
| Laboratory Blanks | <LOR | Yes |
| Trip blanks | <LOR | Yes |
| Trip spike | 94-110% recovery | Yes |
| Storage blank | <LOR | Yes |
| Rinsate sample | <LOR | Yes |
| **Comparability** | | |
| Standard operating procedures for sample collection & handling | Standard operating procedures and sample collection used | Yes |

| | | |
|---|---|---|
| Standard analytical methods used for all analyses | Standard analytical methods used | Yes |
| Consistent field conditions, sampling staff and laboratory analysis | Sampling was conducted by a trained team of consultants. Standard operating procedures were conducted throughout the works. Field conditions remained the same throughout the works. The primary and secondary labs remained consistent throughout the investigation. | Yes |
| Limits of reporting appropriate and consistent | Where possible, limits of reporting were consistent and appropriate. | Yes |
| **Completeness** | | |
| Sample description and Chain of Custody (COCs) completed and appropriate | All borehole and test pit logs, field sampling sheets and COCs were completed appropriately. | Yes |
| Appropriate documentation | All appropriate field documentation is included in the Appendices. | Yes |
| Satisfactory frequency and result for QC samples | >95% Compliance | Yes |
| Data from critical samples is considered valid | Samples were analysed at locations where potential for contamination was observed with regard to access limitations identified at the site. | Yes |
| **Sensitivity** | | |
| Analytical methods and limits of recovery appropriate for media and adopted site assessment criteria | Analytical methods and limits of recovery were considered appropriate for media and adopted site assessment criteria for all soil analytes. | Yes |

1. *See discussion of DQI exceedances in* ***Section 8.2.***

## 8.2 QA/QC Discussion

### 8.2.1 Precision

Soil Duplicates (intra-laboratory) and Triplicate (inter-laboratory)

The RPDs in concentrations between primary soil samples and intra laboratory duplicate analytical results were within the DQI with the exceptions of some heavy metals and benzo(a)pyrene (B(a)P) Toxicity Equivalent Quotient (TEQ) concentrations.

The RPDs in concentrations between primary soil samples and inter laboratory duplicate results were within the DQI with the exceptions of some heavy metals and Benzo(a)pyrene (B(a)P) Toxicity Equivalent Quotient (TEQ) LOR concentrations.

The results outside acceptable DQIs are considered to be a result of the heterogeneity of the soil samples, or for B(a)P TEQ, due to the differences in laboratory LORs resulting in an overestimation following calculation of B(a)P TEQ LOR. Noting that the reported concentrations of each constituent within the primary and duplicate samples were well below the adopted site assessment criteria, the elevated RPD results are considered to not affect the outcomes of the assessment. As a conservative measure, the highest reported concentration was considered when interpreting the results of the investigation.

Water Duplicates (intra-laboratory) and Triplicate (inter-laboratory)

The RPDs in concentrations between primary water samples and intra laboratory duplicate analytical results were within the DQI with the exceptions of perfluorobutanesulfonic acid (PFBS), and Potassium concentrations.

The RPDs in concentrations between primary water samples and inter laboratory duplicate analytical results were within the DQI with the exceptions of some nickel, TRHs, and perfluorobutanesulfonic acid (PFBS).

The results outside acceptable DQIs are considered to be a result of the trace concentrations of each analyte. Noting that the reported concentrations of each constituent within the primary and duplicate samples were well below the adopted site assessment criteria, the elevated RPD results are considered to not affect the outcomes of the assessment. As a conservative measure, the highest reported concentration was considered when interpreting the results of the investigation.

Laboratory Duplicates

Laboratory duplicates were conducted by the analytical laboratories as a part of their QA/QC procedures. Laboratory duplicates reported RPDs below the acceptable range of <50% RPD for all sampled analytes and media.

### 8.2.2 Accuracy

Surrogate Spikes

Surrogate spikes were conducted on all samples submitted for organic constituent analysis and recoveries were mostly reported within the JBS&G acceptable range (70-130 %). Some surrogates were reported outside the JBS&G acceptable range but were within the laboratory acceptable limits (typically between 50 and 150 % recovery) under the laboratory's NATA accreditation.

In addition, some surrogates were not reported where chromatographic interference did not allow the determination of recovery. Where surrogate recoveries could not be determined, these are considered to not affect the accuracy of the dataset as the reported contaminant concentrations were less than the laboratory limits of reporting (LOR). Any PFAS surrogate recoveries outside the of the laboratory acceptance criteria are considered not to affect the data where no positive PFAS results have been reported.

Laboratory Control Samples

Laboratory control sample (LCS) recoveries were within the acceptable range of 70-130 % or the laboratory's acceptable range of 50-150 % for all samples analysed.

Matrix Spikes

Matrix spike recoveries were within the acceptable range of 70-130 % with the exception of four PFAS compound analytes. Although exceeding JBS&Gs acceptability criteria of between 70-130 %, the reported recoveries are within the testing laboratories range for trace PFAS and is not considered to affect the accuracy of the dataset.

### 8.2.3 Representativeness

Sampling appropriate for media and analytes

All soil sampling works completed during the investigation were conducted in accordance with JBS&G standard operating procedures. Soil sampling was generally conducted with the advancement of test pits and was considered appropriate for the COPCs, the project objectives and the CSM. Whilst use of test pits are not preferred for sampling of volatile contaminants, given the historical importation of fill, one of the primary COPCs being asbestos, which is best assessed via use of test pits. The use of test pits, the opportunity to identify potential volatile contaminants via olfactory means and field screening and adopting procedures to minimise disturbance of bulk material sampled for volatile contaminants, was considered a suitable sampling methodology for VOCs. Samples were also collected via boreholes during groundwater monitoring well installation which was considered an appropriate methodology for the assessment of the remaining COPCs.

Groundwater was sampled via low-flow sampling, with surface water samples collected via grab sampling. Both methodologies are considered appropriate for the assessment of the identified COPCs.

Holding Times

The extraction and analysis of selected samples was completed within the recommended holding times for all media and analytes.

Rinsate Blank

A water rinsate sample was collected for all reusable water sampling equipment used during the investigation. All analyte concentrations in rinsate samples were below the laboratory LOR.

Trip Spike

A trip spike was prepared and analysed by the laboratory for each batch of primary samples. Spike recoveries were reported to be within the DQI range.

Trip Blank

A trip blank was submitted with each batch of primary samples submitted to the laboratory. There were no reported concentrations of BTEX compounds above the laboratory LOR thus demonstrating the absence of significant contaminant cross contamination issues during the temporary storage and transportation of samples analysed during this investigation.

Decontamination and Calibration

All reusable field equipment was decontaminated appropriately as per the procedure identified in **Section 6.2.1**.

### 8.2.4 Comparability

Experienced JBS&G field consultants undertook all sampling in accordance with standard JBS&G sampling methods. Field works and sampling were undertaken by the same JBS&G field scientists throughout the works.

Eurofins (primary laboratory) and Envirolab (secondary laboratory) were NATA accredited for comparable methods of analysis. Field works were undertaken by a team of experienced samplers in accordance with the same standard operating procedure. All field documentation was appropriately completed.

### 8.2.5 Completeness

Documentation

Samples were transported under full chain of custody (COC) documentation. The COC documentation was completed correctly, and the selected analyses were correctly conducted. All documentation prepared for the field sampling/testing activities has been reviewed and is considered complete and correct.

Frequency of QC Samples

The frequency of analysis of all QC samples met the adopted DQIs and is considered appropriate.

### 8.2.6 Sensitivity

Laboratory analysis methods for all contaminants in soil, groundwater and surface water adopted during the investigation generally used limits of reporting significantly less than the site assessment criteria to ensure the contaminant concentrations could be confidently identified as being less than the adopted soil site assessment criteria.

The LORs for PFOS in ground and surface water exceeded the most conservative adopted assessment criteria due to matrix interference.

## 8.3 QA/QC Assessment

The field sampling and handling procedures produced QA/QC results which indicate that the data are of an acceptable quality and suitable for use in site characterisation.

The NATA certified laboratory results sheets indicate that the project laboratory was generally achieving levels of performance within its recommended control limits during the period when the samples of this program were analysed.

On the basis of the results of the field and laboratory QA/QC program, the investigation data is of an acceptable quality upon which to draw conclusions regarding the environmental condition of the site.

# 9. Investigation Results

The following sections summarise the results of soil, groundwater and surface water sampling completed at the site as part of this investigation.

## 9.1 Soil Results

Detailed laboratory reports and chain of custody documentation are provided in **Appendix K**. Summarised soil analytical data for COPCs are presented in **Table A**, with asbestos quantification results presented in **Table B**, and comparison of analytical data against NSW EPA (2014) waste classification guidelines provided in **Table C**. Analyses of the data set are discussed below.

### 9.1.1 Soil Field Observations

Soil sampling was conducted on 12 and 13 June 2024 at the 5 borehole and 36 test pit sampling locations shown on **Figure 4**. Borehole and test pit logs are included in **Appendix H**.

As discussed in **Section 2.2**, the majority of the site was covered by ecologically sensitive communities, exclusion zones for heritage artefacts present at the site, or thick vegetation. Accessibility to sampling locations was largely restricted to the northernmost portion of the site, and parts of the western portion of the site.

Fill material was encountered at sampling locations at depths ranging between 0.0 m bgs to 3.2 m bgs (in JBTP03 and JBTP33 respectivley), with JBTP03 and JBTP33 terminated in fill at the maximum depth of excavation at these locations. Fill material generally comprised dark brown/grey/brown, gravelly/silty/sandy clay or gravelly sand with inclusions of timber, asphalt, concrete, glass, bricks, metal, and tile.

As discussed in **Section 2**, a number of mounds/stockpiled materials were observed at the site. In addition to the mounds, evidence of fill and the presence of building and demolition rubble (B&D rubble) was observed at the site.

ACM present as fragments of fibre cement sheeting was identified in fill materials at four sampling locations from three test pits (JBTP09_0.0-1.0, JBTP25_0.0-1.0, JBTP25_1.0-1.8, and JBTP35_1.0-1.8) advanced as part of this investigation. No other visual indicators of contamination as odours or staining were observed within sample locations advanced during this investigation. Discussion surrounding fill volume estimates is provided in **Section 9.1.8**.

The total fill depths were not reached at locations JBTP03 (depth of excavator reach at 3.2 m bgs), JBTP12 (refusal on building and demolition waste at 1.0 m bgs), JBTP13 (refusal on concrete at 2.2 m bgs), JBTP14 (refusal on concrete at 1.5 m bgs), JBTP15 (refusal on concrete at 1.0 m bgs), JBTP16 (refusal on concrete at 1.8 m bgs), JBTP19 (refusal on building and demolition waste at 1.5 m bgs), JBTP20 (refusal on concrete at 1.5 m bgs), JBTP33 (depth of excavator reach at 3.2 m bgs) and JBTP35 (refusal on building and demolition waste at 1.5 m bgs).

Natural soil underlying fill material comprised red/brown/grey clay and gravelly clay at all locations where natural materials were encountered.

Perched groundwater was observed during advancement of borehole JBMW02 between 0.5 m and 2.0 m bgs. No groundwater seepage was noted during test pits or drilling in natural soil profiles or underlying bedrock. White/grey/brown siltstone and shale bedrock was encountered during borehole drilling at depths between 1.6 m and 8.0 m bgs.

### 9.1.2 Results of Asbestos Analysis and Quantification

Based on the result of asbestos auantification and laboratory analysis, asbestos in the form of bonded, non-friable ACM was identified at the following locations:

Asbestos Concentration > HSL-D Criteria (0.05% w/w) – Asbestos Contaminated Materials

- JBTP35_1.0-1.5 (reported concentration of 0.066 % w/w)

Asbestos Concentration < HSL-D Criteria (0.05% w/w) – Asbestos Impacted Materials

- JBTP09_0.0-1.0 (reported concentration of 0.005 % w/w);
- JBTP25_0.0-1.0 (reported concentration of 0.031 % w/w); and
- JBTP25_1.0-1.8 (reported concentration of 0.004 % w/w).

Review of results of analysis indicated all friable asbestos/asbestos fines (FA/AF) concentrations were below the laboratory LOR and the adopted assessment criteria in soil samples submitted for analysis.

### 9.1.3 Results of Analysis – Heavy Metals

Review of results of analysis indicated that heavy metals concentrations were all below the adopted assessment criteria.

### 9.1.4 Results of Analysis - PAH

Review of results of analysis indicated that PAH concentrations were all below the laboratory LOR or less than the adopted assessment criteria.

### 9.1.5 Results of TRH and BTEX Analysis

Review of results of analysis indicated that TRH/BTEX concentrations were all below the laboratory LOR or less than the adopted assessment criteria.

### 9.1.6 Results of OCP and PCB Analysis

Review of results of analysis indicated that OCP/PCB concentrations were all below the laboratory LOR or less than the adopted assessment criteria.

### 9.1.7 Results of PFAS Analysis

Review of results of analysis indicated that PFAS concentrations were all below the laboratory LOR or less than the adopted assessment criteria.

### 9.1.8 Fill Volume Estimates

The approximate locations of mounds/stockpiles, and field estimated (approximate) extent of observed fill material and B&D rubble are shown on **Figure 6**. The approximate field volume estimates for each mound/stockpile is detailed in **Table 9.1,** noting that this would be expected to be further characterised by professional survey in the future.

**Table 9.1 Fill Volume Estimates**

| Mound/Stockpile ID | Approximate Area ($m^2$) | Maximum observed Depth of Fill (m) | Sample Location Used for Depth of Fill | Estimated Volume (approximate $m^3$) | Observed Inclusions |
|---|---|---|---|---|---|
| Mound 1 | 900 | 3.2 (terminated in fill) | JBTP04 | 2,900 | B&D Rubble |
| Mound 2 | 3,800 | 2.5 | JBPT05 | 9,500 | B&D Rubble and ACM |
| L-Shaped Mound | 2,900 | 4 | NPB06 (CH2M Hill 2015b) | 11,600 | B&D Rubble and ACM |
| Stockpile 1 | 360 | 1 | JBTP22 | 360 | No Anthropogenic Inclusions observed |
| Stockpile 2 | 420 | 1.5 | JBTP27 | 650 | No Anthropogenic Inclusions observed |
| Area 1 | 560 | 1 | JBTP28 | 600 | B&D Rubble |
| Area 2 | 3,600 | 1.1 | TS02 (CH2M Hill 2015b) | 4,000 | B&D Rubble |

In addition, only a portion of the stockpiled/mound materials within the northern portion of the site were identified during the current or CH2MHill (2015b) field investigations to have inclusions of asbestos and/or ACM. The location of inferred estimated asbestos impacted materials at the site based on the site investigation completed to date is shown on **Figure 6**. Consistent with the above, field estimation and interpolation between sampling location have been used to provide preliminary indicative estimated volumes of asbestos impacted fill material summarised in **Table 9.2**.

**Table 9.2 Asbestos Impacted Material Volume Estimates**

| Mound/Stockpile ID | Approximate Area ($m^2$) | Maximum Observed/Reported Depth of Fill (m) | Sample Location Used for Depth of Fill | Estimated Volume (approx $m^3$) |
|---|---|---|---|---|
| Known Asbestos Impact (L-Shaped Mound) | 650 | 4 | NPB06 (CH2M Hill 2015b) | 2,600 |
| Known Asbestos Impact (Mound 2) | 1,100 | 2.2 | JBTP13 | 2,400 |

Notwithstanding, due to the presence of building and demolition rubble (B&D rubble) within mounded material and fill materials across the site, there remains the potential that additional asbestos impacted and/or contaminated material beyond that currently identified may be encountered during remediation/development works at the site.

### 9.1.9 Preliminary Waste Classification

As the proposed works may include the excavation and off-site disposal of soils present across the site, a preliminary evaluation of the collected data to provide an indicative waste classification for the fill materials is presented in **Table C**. Concentrations of heavy metals above the initial CT1 thresholds in EPA (2014) included:

- Lead in sample JBTP16_0.4-0.5, with a reported concentration of 330 mg/kg, above the CT1 criterion of 100 mg/kg;
- Lead in sample JBTP20_0.4-0.5 of 110 mg/kg above the CT1 criterion of 100 mg/kg; and
- Nickel in sample JBTP20_0.4-0.5 of 41 mg/kg above the CT1 criterion of 40 mg/kg.

In addition to the above, PFOS was detected above the laboratory LOR within sample QA20240613_01 (triplicate of JBTP16_1.0-1.1), which requires toxicity characteristic leaching procedure (TCLP) analysis to assess leachable concentrations in order to provide a preliminary waste classification.

TCLP concentrations for lead, nickel, and PFOS in respective samples were all below the TCLP1 General Solid Waste (GSW) leachate criteria, as presented in **Table C**.

Due to identification of ACM in four soil samples, a portion of fill materials within the "L-shaped" mound and "Mound 2" are anticipated to require classification as GSW mixed with Special (asbestos) Waste, should off-site removal of such materials be required. The balance of the fill material identified in the site is preliminary, and based on the available data, falls within GSW criteria.

These indicative waste classifications should be confirmed via specific assessment should off-site disposal be required.

## 9.2 Groundwater Results

The following sections present a summary of groundwater results obtained during the groundwater monitoring event (GME) undertaken on 17 June 2024. Groundwater monitoring wells installed by JBS&G in accessible portions of the site were sampled for relevant COPC, noting JBMW05 was found to be dry. Detailed laboratory reports and chain of custody documentation is provided in **Appendix K**. Summarised laboratory results are presented in **Table D.**

### 9.2.1 Groundwater Field Observations

A summary of groundwater field observations and measurements recorded during the GME is presented in **Table 9.3** and **Table 9.4**. The groundwater well locations are shown on **Figure 4**.

**Table 9.3 Groundwater Field Gauging Parameters**

| Well ID | Odour | Sheen | Turbidity | LNAPL | Depth to SWL (m bTOC)[3] | Depth to EOH (m bTOC)[4] |
|---|---|---|---|---|---|---|
| JBMW01 | None | None | None | None | 1.21 | 7.97 |
| JBMW02 | None | None | None | None | 3.74 | 7.98 |
| JBMW03 | None | None | None | None | 1.73 | 4.90 |
| JBMW04 | None | None | None | None | 1.55 | 3.52 |
| JBMW05 | N/A | N/A | N/A | None | Dry (no water observed) | 8.00 |

**Table 9.4 Groundwater Field Physiochemical Parameters**

| Well ID | Sampling Method[1] | Dissolved Oxygen (mgL/ppm)[2] | Electrical Conductivity (µS/cm) | pH (units) | Total Dissolved Solids (ppm) | Oxidation Reduction Potential (mV) | Temperature (°C) |
|---|---|---|---|---|---|---|---|
| JBMW01 | Low Flow | N/A | 18,461 | 8.22 | 13,969 | 45.4 | 17.6 |
| JBMW02 | Low Flow | N/A | 6,616 | 9.89 | 5,110 | -139.7 | 20.0 |
| JBMW03 | Low Flow | N/A | 23,683 | 8.01 | 18,201 | 33.3 | 16.9 |
| JBMW04 | Low Flow | N/A | 15,823 | 7.33 | 12,290 | 39.7 | 16.0 |
| JBMW05 | N/A | N/A | N/A | N/A | N/A | N/A | N/A |

*[1]Low flow parameters are reported following stabilisation of three consecutive readings.*
*[2] Dissolved oxygen not measured during field screening due to instrument error.*
*[3]Depth to standing water level (m below top of casing)*
*[4]Depth to end of hole (m below top of casing)*

A review of the field parameters presented in **Table 9.3** indicates that groundwater is slightly to moderately alkaline, and brackish to moderately saline, consistent with conditions typically encountered in siltstone/shale formations in Bringelly Shale. There were no odours or visible sheens in purged or sampled groundwater.

Groundwater at the site is preliminarily inferred to flow to the northwest, as previously reported in the Geotechnical Report (DP 2023) prepared for the site.

### 9.2.2 Results of Analysis – Heavy Metals

Heavy metal concentrations within the analysed samples were reported to be below the adopted site assessment criteria or within the expected background concentration ranges apart from:

- Arsenic concentrations in multiple samples (JBMW02, JBMW03, and JBMW03) ranging from 0.002 mg/L (JBMW02) to 0.012 mg/L (JBMW03), exceeding the ANZG (2018) 99% Freshwater Trigger Value of 0.0008 mg/L;
- Cadmium in sample JBMW03, with a reported concentration of 0.0003 mg/L exceeding the ANZG (2018) 95% Freshwater Trigger Value of 0.0002 mg/L;
- Total chromium (trivalent and hexavalent) in sample JBMW02, with a reported concentration of 0.005 mg/L exceeding the ANZG (2018) 95% Freshwater Trigger Value of 0.001 mg/L;
- Copper in sample JBMW04 with a reported concentration of 0.002 mg/L exceeding the ANZG (2018) 95% Freshwater Trigger Value of 0.0008 mg/L;
- Nickel in sample JBMW03 with a reported concentration of 0.014 mg/L exceeding the ANZG (2018) 95% Freshwater Trigger Value of 0.011 mg/L; and
- Zinc in sample JBMW03, with a reported concentration of 0.011 mg/L exceeding the ANZG (2018) 95% Freshwater Trigger Value of 0.008 mg/L.

It is noted that all exceedances occur at values within one order of magnitude above the adopted first pass freshwater criteria.

### 9.2.3 Results of Analysis – TRH/BTEX

TRH/BTEX concentrations in samples selected for analysis were all reported below the adopted criteria and/or below the laboratory LOR.

### 9.2.4 Results of Analysis – VOCs

VOC concentrations in samples selected for analysis were all reported below the adopted criteria and/or below the laboratory LOR.

### 9.2.5 Results of Analysis – PFAS

Concentrations of PFAS compounds were generally reported to be below the adopted LORs for samples other than JBMW02 and JBMW03 and were all below the adopted site assessment criteria for samples JBMW01 and JBMW04.

Low levels of a range of PFAS compounds were reported in JBMW02, including PFOS (0.0044 µg/L), exceeding the 0.0023 µg/L 99% protection criterion for freshwater, but less than the 95 % criterion of 0.13 µg/L, and 0.0007 µg/L PFOS, above the 99 % freshwater criterion, but less than the 95 % freshwater criterion.

All sum of PFHxS and PFOS concentrations were less than the recreational criterion.

## 9.3 Surface Water Results

The following sections present a summary of surface water results obtained during sampling undertaken on17 June 2024. Spot sampling of surface water was undertaken in accessible areas of the site with subsequent analysis for relevant COPC. Detailed laboratory reports and chain of custody documentation is provided in **Appendix K**. Summarised laboratory results are presented in **Table D.**

Surface water at the site is inferred to flow to the northwest, based on site topography, site observations made by JBS&G, and as previously reported in the Geotechnical Report (DP 2023) prepared for the site.

### 9.3.1 Results of Analysis – Heavy Metals

Heavy metal concentrations within the analysed samples were below the adopted site assessment criteria with the exception of:

- Copper in sample SW06 with a reported concentration of 0.002 mg/L exceeding the 95% species protections for freshwater, also referred to as the Default Guideline Value (DGV) of 0.0014 mg/L; and
- Zinc in sample SW04, (and its duplicates QA01_20240617, and QC01_20240617) with reported concentrations ranging from 0.010 mg/L to 0.014 mg/L, exceeding the 95% freshwater DGV of 0.008 mg/L.

It is noted that all exceedances occur at values within one order of magnitude above the adopted first pass freshwater criteria.

### 9.3.2 Results of Analysis – TRH/BTEX

TRH/BTEX concentrations in samples selected for analysis were reported below the laboratory LOR other than a single detection of TRH $C_6$-$C_{10}$ TRH in samples SW04 and QA01_20240617 (duplicate of SW04), with a reported concentration of 0.03 mg/L (compared to the LOR of 0.02 mg/L). In the absence of detections of individual BTEX and/or VOCs (as discussed below), the exceedance of the screening criteria (LOR) for this compound is considered to not be significant.

### 9.3.3 Results of Analysis – VOCs

VOC concentrations in samples selected for analysis were all reported below the laboratory LOR and less than the adopted assessment criteria.

### 9.3.4 Results of Analysis – PFAS

Concentrations of a range of individual PFAS compounds were reported above the laboratory LOR in surface water samples, other than SW04, for which LORs were raised due to matrix interference.

Concentrations of PFOS in all primary samples were reported to exceed the 99 % criterion (0.00023 µg/L) with results in the range of 0.0018 µg/L to 0.0056 µg/L. It is noted that all concentrations, including the triplicate of SW04 (without an elevated LOR), were less than the 95 % criterion (0.13 µg/L).

Concentrations of PFOA and sum of total sum of PFHxS and PFOS in all samples were below recreational criteria.

# 10. Site Characterisation

## 10.1 Are there any unacceptable risks to likely onsite future receptors?

### 10.1.1 Soil

Review of results of the sampling and laboratory analysis for soil samples indicates that concentrations of heavy metals, PAHs, TRH/BTEX, OCPs/PCBs, and PFAS in soils reported as part of this investigation were all below the adopted site assessment criteria and so do not pose an unacceptable risk to future site receptors.

Asbestos in fill material was identified at the following sample locations, advanced by JBS&G as part of this investigation, and reported in historical reports available to JBS&G at the time of reporting, comprise the following as presented on **Figure 5A**.

Asbestos (bonded, non-friable ACM) Concentration > HSL-D Criteria (0.05% w/w) – Asbestos Contaminated Materials

- JBTP35_1.0-1.5 (JBS&G), with a reported concentration of 0.066 % w/w.

Asbestos (bonded, non-friable ACM) Concentration < HSL-D Criteria (0.05% w/w) – Asbestos Impacted Materials

- JBTP09_0.0-1.0 (JBS&G), with a reported concentration of 0.005 % w/w;
- JBTP25_0.0-1.0 (JBS&G), with a reported concentration of 0.031 % w/w;
- JBTP25_1.0-1.8 (JBS&G), with a reported concentration of 0.004 % w/w;
- NPB01_3.0_PACM (CH2M Hill 2015b), with a reported concentration of 0.0036 %w/w; and
- NPB02_1.3_PACM (CH2M Hill 2015b), with a reported concentration of 0.0073 %w/w.

Asbestos (Asbestos Fines/Friable Asbestos) Concentration > HSL-D Criteria (0.001% w/w) – Asbestos Contaminated Materials

- NPB06_1.0 (CH2M Hill 2015b), with a reported concentration of 0.0019 %w/w.

As discussed in **Section 4.2**, the DSI (CH2M Hill 2015b) reported asbestos in the form of fibre cement debris, as well as loose fibre bundles at sample location NPB06_1.0, which is considered to comprise friable asbestos under the guidance document definitions, due to the presence of loose fibres documented within the supplied laboratory reports. JBS&G investigations did not identify the presence of any friable material and as such, based on the current assessment results, the extent of friable impact is considered to be limited to material in the vicinity of NPB06, with the remainder of the asbestos impacts considered to comprise bonded asbestos.

On the basis of the above, fill material contaminated with asbestos (i.e. bonded or friable asbestos in soil at concentrations above the HSL-D criteria) identified at two stockpile locations as shown on **Figure 6**, will require further remediation/management to demonstrate the site is suitable for the proposed land-use.

Whilst ultimately not a concern from a contaminated land perspective, asbestos impacted materials (i.e. bonded ACM reported below the HSL-D criteria) will require management from a Work, Health and Safety perspective during future activities that may result in ground disturbance, given the potential for site worker exposure to potential airborne fibres.

The known lateral extent of both contaminated and impacted material is presented on **Figure 6**. It should be noted that based upon the presence more broadly of fill containing anthropogenic materials (B&D rubble) and the observed presence of asbestos in fill as outlined above, there remains the potential that further smaller scale areas of asbestos (or otherwise contaminated fill material) to be identified within imported fill present at the site, which may pose a risk to on-site future receptors without appropriate management. Given the extent of investigation completed to date, it is considered appropriate that such additional finds as may occur,

subject to appropriate contingency allowances, be managed under an unexpected finds protocol (UFP) during site works.

It is further noted that an existing inground septic tank was observed in the eastern portion of the site. Previous assessment as documented in CH2MHill (2015b) did not identify the presence of contamination indicators associated with this feature. However, given the structure comprises a potential contamination source, JBS&G recommend the infrastructure be appropriately decommissioned and decontaminated prior to removal from the site as part of site development activities.

### 10.1.2 Groundwater

Assessment of groundwater conditions at the site included the installation and sampling of groundwater monitoring wells at accessible and permitted locations on the site. The assessment results generally indicated contaminant concentrations consistent with urban developed areas, inclusive of minor exceedance of several heavy metals in groundwater (as presented on **Figure 5B**) when compared to the adopted 95 % ecological criteria as discussed in **Section 9.2.2**. It is noted that the reported concentrations are all within a single order of magnitude of the guidance thresholds and with due consideration to the geological characteristics of the site and the surface water results, these heavy metal concentrations are considered to not present an unacceptable risk to the receiving environment.

Concentrations of PFOS were also reported above the NEMP (2020) 99% Freshwater Trigger value in two samples (JBMW02, and JBMW03) at the site with both values within an order of magnitude of the criterion and the results being significantly lower than the less sensitive 95 % freshwater trigger value. On this basis, the minor exceedances are considered to not present unacceptable risks to the receiving environment and as such, do not require further management in relation to future use of the site.

### 10.1.3 Surface Water

Surface water samples were obtained at representative locations within the surface water drainage lines accessible at the time of the investigation with the objective of assessing the potential for contaminant migration at, or onto the site from the adjoining properties. Consistent with the groundwater concentrations, several individual heavy metal concentrations were reported slightly exceeding the ANZG (2018) 95% freshwater trigger values, albeit being reported within an order of magnitude of the adopted criteria as discussed in **Section 9.3.1**.

Concentrations of PFOS were also reported in all surface water samples to be above the NEMP (2020) 99% Freshwater Trigger value. All reported values were within approximately 1 order of magnitude of the criterion and were significantly below the less sensitive 95 % ecological criterion for PFOS. Given the consistency of the reported concentrations, it is considered that the PFOS source is likely upgradient of the site, with no significant attributable loading from the site. On the basis of the above, specific management of surface water and/or risk management of PFAS and/or heavy metal conditions is not considered to be required with regard to establishing the suitability of the site for the proposed future development.

## 10.2 Are there any issues relating to the local area background soil concentrations?

The reported contaminant concentration results presented in **Table A**, for natural soil samples did not identify the presence of concentrations exceeding the adopted criteria and, on this basis, no outstanding issues have been identified relating to the local area background soil concentrations that require further consideration.

## 10.3 Are there any chemical mixtures that could increase potential contamination risks?

There were considered to be no potential chemical mixtures identified during the investigation that may pose an unacceptable contamination issue with respect to development and/or future permissible land uses.

## 10.4 Are there any aesthetic issues?

No indicators of odorous or discoloured fill/soil associated with contamination were identified at sampling locations completed for this investigation, or as reported in CH2MHill (2015b). It should be noted, as discussed in **Section 10.1**, two areas of known asbestos contamination/impact have been identified as presented in **Figure 6**, with ACM fragments commonly considered to comprise an aesthetic issue where such material may be exposed at the ground surface.

In addition to the above, previous investigation by CH2MHill (2015b), reported the presence of not insignificant building and demolition (B&D) rubble inclusions within a portion of the fill stockpiles/mounds that would be considered to present an aesthetic issue, in addition to requiring consideration from a geotechnical viewpoint. Similar conditions were noted by JBS&G to be present at locations presented in **Figure 6**. Several minor areas of fly tipping, etc were encountered scattered across the broader site. Should these materials be incorporated or present in surface soils, they may comprise a future aesthetic issue.

More broadly, the investigation identified the presence of minor anthropogenic inclusions including plastic, metal, bricks, road base gravels, concrete fragments and slag in general site fill materials, including the stockpiled/fill mounds at the site and within fill material at the eastern extent of the site, the lateral extent of which is presented on **Figure 6**. Given oversize anthropogenic material is anticipated to be required to be addressed on a geotechnical engineering basis, and the final finished development scheme will include large scale ground pavements, management beyond removal of the oversize material, is anticipated to be limited to placement of such fill below future areas of pavement.

## 10.5 Is there any evidence of, or potential for, migration of contaminants from the site?

The potential for migration of contaminants at the site was considered to be low, based on the following:

- COPC were generally identified to be in solid form (asbestos);
- The absence of widespread chemical contaminants in soil;
- The migration of ACM/asbestos is unlikely where identified within *in-situ* subsurface fill material (in the absence of ground disturbance); and
- The absence of gross or widespread contaminant impacts in groundwater or surface water.

With consideration the overgrown nature of vegetation present across the filled areas of the site, inclusive of the known extent of asbestos impacts, there is considered a low potential for asbestos fibres to become airborne and as such, the identified impacts do not pose an immediate risk to site users. Management of the potential for contaminant migration will be required during implementation of remediation works.

Review of the surface and groundwater results has identified the absence of significant contaminant concentrations of contaminants, including those identified as having the potential to migrate onto the site from adjoining commercial/industrial developments (PFAS, TRH/VOCs and heavy metals). Whilst groundwater monitoring well locations were restricted in location based on access and permission constraints, based on the collected data, generally representative of broader site conditions, it is considered sufficient evidence of the absence of significant contamination originating from off-site is available such that it can be concluded further consideration of such conditions is not required with regard to drawing conclusions on the suitability of the site for the proposed development. Further, review of the investigation data is considered to provide sufficient confidence that the site is not a potential source of surface and/or groundwater contamination migrating off-site at the downgradient extent, given the absence of any trend toward higher contaminant concentrations at the most downgradient sampling locations within the site.

On this basis, no significant potential contaminant migration issues, have been identified during this investigation that will require management prior to, or during remediation works to address the identified asbestos in soil issues as discussed in **Section 10.1**.

## 10.6 Are further investigations and/or a site management strategy required?

As discussed in the above sections, several site contamination issues associated with the presence of asbestos in fill material have been identified during this investigation, and those of the DSI (CH2M Hill 2015b) as available to JBS&G, that will require implementation of a site management strategy.

In addition, the identified large anthropogenic inclusions in fill material and fly-tipping at the site at a range of locations and the presence of an insitu septic tank will require to be addressed in preliminary site development activities, such that the site can be considered suitable for the proposed development.

# 11. Conclusions

Based on the findings of this assessment and subject to the limitations in **Section 12**, the following conclusions are made:

- The site comprises a partially cleared northern portion formerly used as an archery facility, whilst the remainder largely comprised relatively undisturbed bushland, with minor areas associated with access tracks;
- Review of historical site use information and inspection of site conditions identified potential areas of environmental concern (AECs) and associated contaminants of potential concern (COPCs), which were associated with the importation of fill materials from unknown origins, fly tipping activities and potential impacts in surface water and groundwater from adjacent and upgradient commercial/industrial land-uses, including the TfNSW Crashlab (west of the site), construction staging associated with the M4 (east of site), and the M4 Service Station (southwest of site);
- Fill material has been identified during current and previous investigations to occur to depths of between 0.0 m bgs to approximately 4.0 m bgs (within fill mounds). Fill material generally comprised dark brown/grey/brown gravelly/silty/sandy clay or gravelly sand with inclusions of timber, asphalt, concrete, glass, bricks, metal, and tile;
- Asbestos in fill material has been identified in several locations in the northern site portion as associated with historically placed fill mounds/stockpiles. Generally, the asbestos has been in the form of bonded ACM fragments present within fill material. However, one occurrence of reported friable asbestos in soil has historically been presented (CH2M Hill 2015b). Concentrations of asbestos in soil range from less than the health-based assessment criteria, to above the health-based assessment criteria. As such, management of the identified conditions will require remediation such that the site can be considered suitable for the proposed development and management of potential occupational exposure risks (WHS) during such works;
- Laboratory analysis of representative soil samples for identified COPCs, other than asbestos, did not identify the occurrence of unacceptable contamination conditions that would require further management;
- Site investigations have identified the presence of anthropogenic inclusions within the stockpiled/mounds of fill material, inclusive of large sections of concrete, wire, tyres etc, that will require to be managed (physically separated for off-site disposal of the B&D waste) from an aesthetic viewpoint, in addition to anticipated geotechnical concerns such that the fill material may be considered suitable for reuse on site during the development activities. Smaller size inclusions are considered unlikely to represent material of an aesthetic concern, subject to placement of such material beneath future development pavements (rather than in landscaped areas);
- Assessment of site conditions has identified the presence of an in-ground septic tank in the eastern portion of the site, requiring decommissioning/removal of the tank and associated infrastructure during site development works;
- Assessment of surface and groundwater conditions in accessible areas of the site did not identify the occurrence of unacceptable risks relating to groundwater or surface water, either at the site or associated with migration either onto, or away, from the site;
- Based on the investigation outcomes, the known extent of asbestos has been documented. It should be noted that given the presence of B&D inclusions across the balance of fill material at the site, there remains the risk that additional smaller scale areas of asbestos impact may be identified during site works. It is considered that such finds may be managed under an unexpected finds protocol (UFP); and

- A remedial action plan (RAP) should be prepared, documenting the procedures and requirements for management of the identified site contamination to demonstrate the site can be made suitable for the proposed commercial/industrial land use in accordance with the requirements of SEPP (R&H) in support of the development proposal.

# 12. Limitations

This report has been prepared for use by the client who has commissioned the works in accordance with the project brief only and has been based in part on information obtained from the client and other parties.

The advice herein relates only to this project and all results conclusions and recommendations made should be reviewed by a competent person with experience in environmental investigations, before being used for any other purpose.

JBS&G accepts no liability for use or interpretation by any person or body other than the client who commissioned the works. This report should not be reproduced without prior approval by the client or amended in any way without prior approval by JBS&G, and should not be relied upon by other parties, who should make their own enquiries.

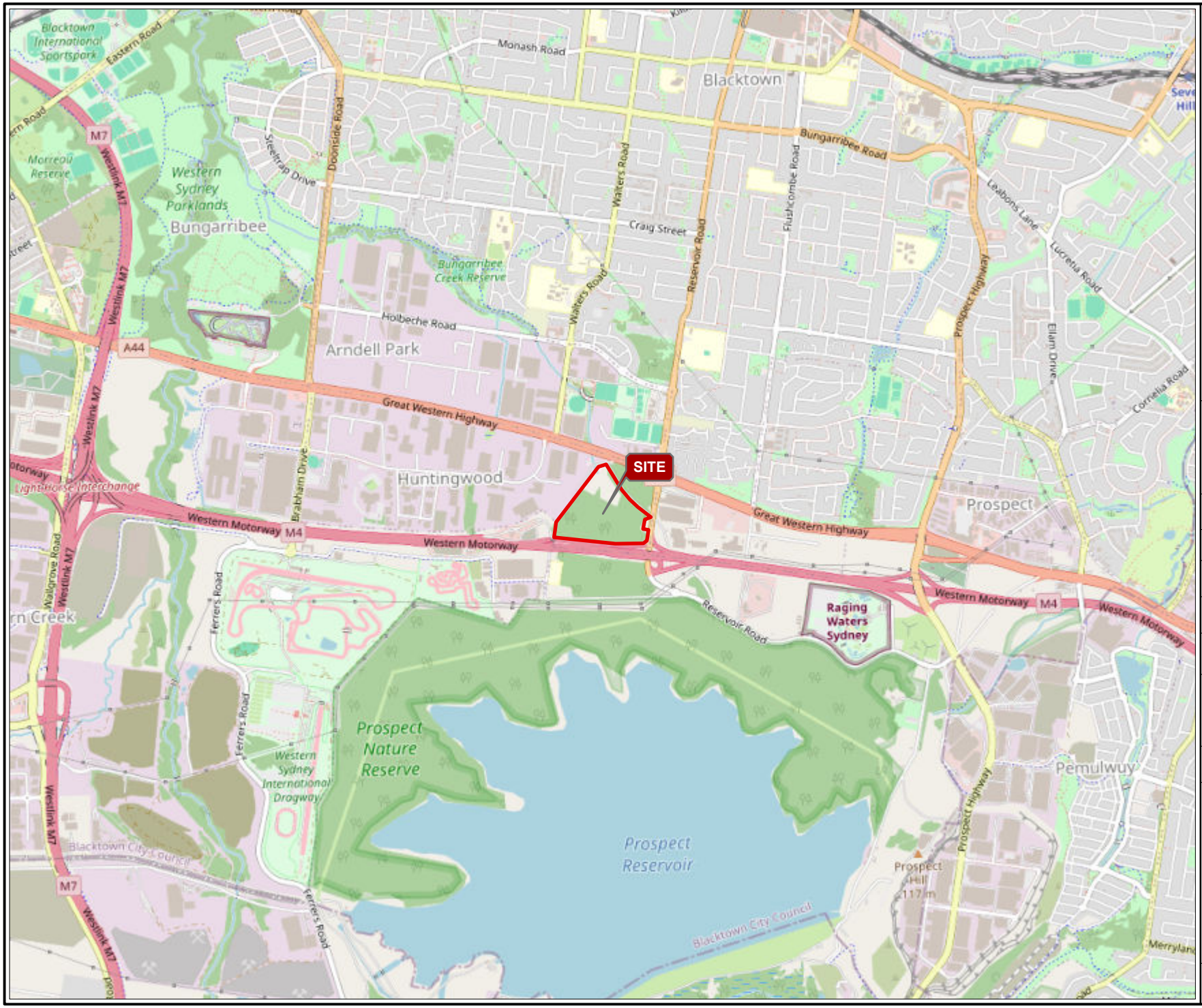
Sampling and chemical analysis of environmental media is based on appropriate guidance documents made and approved by the relevant regulatory authorities. Conclusions arising from the review and assessment of environmental data are based on the sampling and analysis considered appropriate based on the regulatory requirements.

Limited sampling and laboratory analyses were undertaken as part of the investigations undertaken, as described herein. Ground conditions between sampling locations and media may vary, and this should be considered when extrapolating between sampling points. Chemical analytes are based on the information detailed in the site history. Further chemicals or categories of chemicals may exist at the site, which were not identified in the site history, and which may not be expected at the site.

Changes to the subsurface conditions may occur subsequent to the investigations described herein, through natural processes or through the intentional or accidental addition of contaminants. The conclusions and recommendations reached in this report are based on the information obtained at the time of the investigations.

This report does not provide a complete assessment of the environmental status of the site, and it is limited to the scope defined herein. Should information become available regarding conditions at the site including previously unknown sources of contamination, JBS&G reserves the right to review the report in the context of the additional information.

# Figures




Legend

Approximate Site Boundary

JBS&G

Job No: 68310

Client: Goodman

| Version: R01 Rev 0 | Date 14/01/2025 |
|---|---|
| Drawn By: TS | Checked By: DS |

Scale 1:35,000

0 350 700

metres

Coord. Sys. GDA2020 MGA Zone 56

**Honeman Close**
**Huntingwood, NSW**

**SITE LOCATION**

**FIGURE 1**

File Name: 68310_HonemanCloseHuntingwoodDAstage_R01Rev0

Reference: © OpenStreetMap (and) contributors, CC-BY-SA

Legend

- Approximate Site Boundary
- Proposed Development Area Boundary
- Transport For NSW Property
- NSW Cadastre
- Hydro Line
- Approximate Creek Location
- Approximate Mounds/Stockpile Locations
- Approximate Location of Septic Tank
- 50m Buffer Zone
- Area of Ecological Sensitivity
- Heritage Sites

JBS&G

Job No: 68310

Client: Goodman

| Version: R01 Rev A | Date 23/01/2025 |
|---|---|
| Drawn By: TS | Checked By: DS |

Scale 1:3,600

0 50 100

metres

Coord. Sys. GDA2020 MGA Zone 56

**Honeman Close**
**Huntingwood, NSW**

**SITE LAYOUT**

**FIGURE 2**

File Name: 68310_HonemanCloseHuntingwoodDAstage_R01Rev0
Reference: Nearmap - www.nearmap.com (Capture Date: 29/05/2024)

Legend

- Approximate Site Boundary
- NSW Cadastre
- Hydro Line
- Approximate Creek Location

Historical Sample Locations, CH2M Hill (2015b)

- Test Pit Locations

Stockpiles Documented in CH2M Hill 2015b

- Stockpile 1
- Stockpile 2
- Stockpile 3
- Embankment Extent

JBS&G

| | |
|---|---|
| Job No: 68310 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date 14/01/2025 |
| Drawn By: TS | Checked By: DS |
| Scale 1:3,000 | |

0 40 80
metres

Coord. Sys. GDA2020 MGA Zone 56

**Honeman Close**
**Huntingwood, NSW**

**HISTORICAL SAMPLE LOCATIONS AND SITE LAYOUT**

**FIGURE 3**

File Name: 68310_HonemanCloseHuntingwoodDAstage_R01Rev0
Reference: Nearmap - www.nearmap.com (Capture Date: 29/05/2024)

Legend

- Approximate Site Boundary
- NSW Cadastre
- Hydro Line
- Approximate Creek Location
- Mounds/Stockpile
- 50m Buffer Zone
- Area of Ecological Sensitivity
- Heritage Sites
- Approximate Location of Septic Tank

Sample Locations

- Groundwater Wells
- Surface Water Samples
- Soil Test Pits

JBS&G

| | |
|---|---|
| Job No: 68310 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date 14/01/2025 |
| Drawn By: TS | Checked By: DS |

Scale 1:3,000

0 50 100
metres

Coord. Sys. GDA2020 MGA Zone 56

**Honeman Close**
**Huntingwood, NSW**

**SAMPLE LOCATIONS**

**FIGURE 4**

File Name: 68310_HonemanCloseHuntingwoodDAstage_R01Rev0
Reference: Nearmap - www.nearmap.com (Capture Date: 29/05/2024)

| Sample ID | Depth (m bgs) | Analyte | Concentration (%w/w) | Criteria |
|---|---|---|---|---|
| JBTP35 | 1.0-1.5 | ACM in soil | 0.066 | NEPM 2013 Table 7 Comm/Ind HSL for Asbestos in Soil |

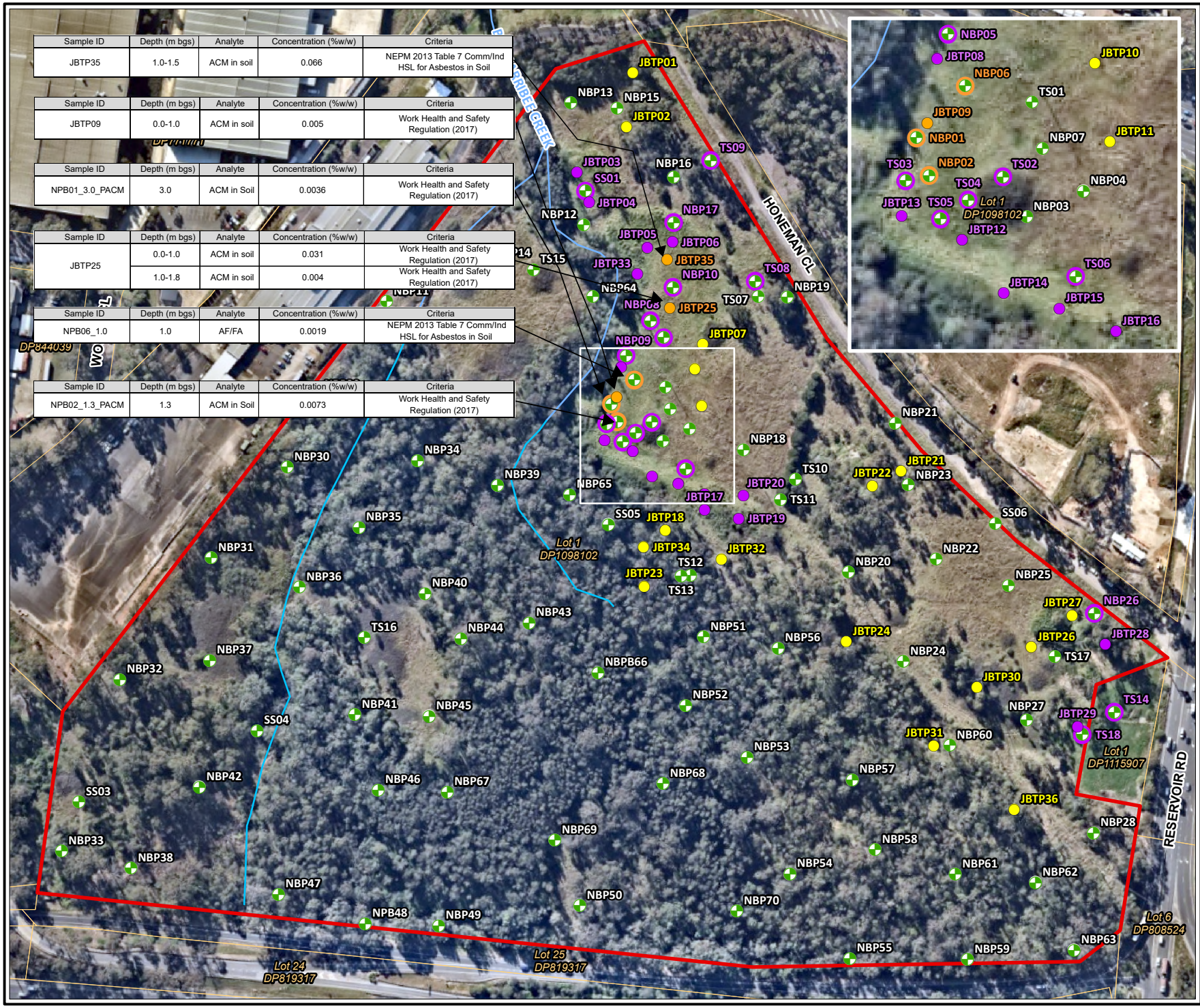
| Sample ID | Depth (m bgs) | Analyte | Concentration (%w/w) | Criteria |
|---|---|---|---|---|
| JBTP09 | 0.0-1.0 | ACM in soil | 0.005 | Work Health and Safety Regulation (2017) |

| Sample ID | Depth (m bgs) | Analyte | Concentration (%w/w) | Criteria |
|---|---|---|---|---|
| NPB01_3.0_PACM | 3.0 | ACM in Soil | 0.0036 | Work Health and Safety Regulation (2017) |

| Sample ID | Depth (m bgs) | Analyte | Concentration (%w/w) | Criteria |
|---|---|---|---|---|
| JBTP25 | 0.0-1.0 | ACM in soil | 0.031 | Work Health and Safety Regulation (2017) |
| | 1.0-1.8 | ACM in soil | 0.004 | Work Health and Safety Regulation (2017) |

| Sample ID | Depth (m bgs) | Analyte | Concentration (%w/w) | Criteria |
|---|---|---|---|---|
| NPB06_1.0 | 1.0 | AF/FA | 0.0019 | NEPM 2013 Table 7 Comm/Ind HSL for Asbestos in Soil |

| Sample ID | Depth (m bgs) | Analyte | Concentration (%w/w) | Criteria |
|---|---|---|---|---|
| NPB02_1.3_PACM | 1.3 | ACM in Soil | 0.0073 | Work Health and Safety Regulation (2017) |




Legend

- Approximate Site Boundary
- NSW Cadastre
- Hydro Line
- Approximate Creek Location

Historical Sample Locations CH2M Hill 2015b

- Asbestos Observed or Reported
- B&D Rubble
- Test Pit Location

Sample Locations (JBS&G 2024)

- Asbestos Observed or Reported
- B&D Rubble
- Soil Test Pits

JBS&G

Job No: 68310

Client: Goodman

| Version: R01 Rev A | Date 23/01/2025 |
|---|---|
| Drawn By: TS | Checked By: DS |

Scale 1:3,000

0 50 100

metres

Coord. Sys. GDA2020 MGA Zone 56

**Honeman Close**
**Huntingwood, NSW**

**SOIL EXCEEDANCES**

**FIGURE 5A**

File Name: 68310_HonemanCloseHuntingwoodDAstage_R01RevA
Reference: Nearmap - www.nearmap.com (Capture Date: 29/05/2024)

Legend

- Approximate Site Boundary
- NSW Cadastre
- Hydro Line
- Approximate Creek Location

Sample Locations

- Groundwater Wells
- Surface Water Samples

Sample Locations

- Groundwater Wells
- Surface Water Samples

| Criteria Key | |
|---|---|
| | ANZG (2018) Freshwater 95% toxicant DGVs |
| | PFAS NEMP 2020 Table 5 Freshwater 99% |

JBS&G

Job No: 68310

Client: Goodman

| Version: R01 Rev 0 | Date 14/01/2025 |
|---|---|
| Drawn By: TS | Checked By: DS |

Scale 1:3,000

0 50 100

metres

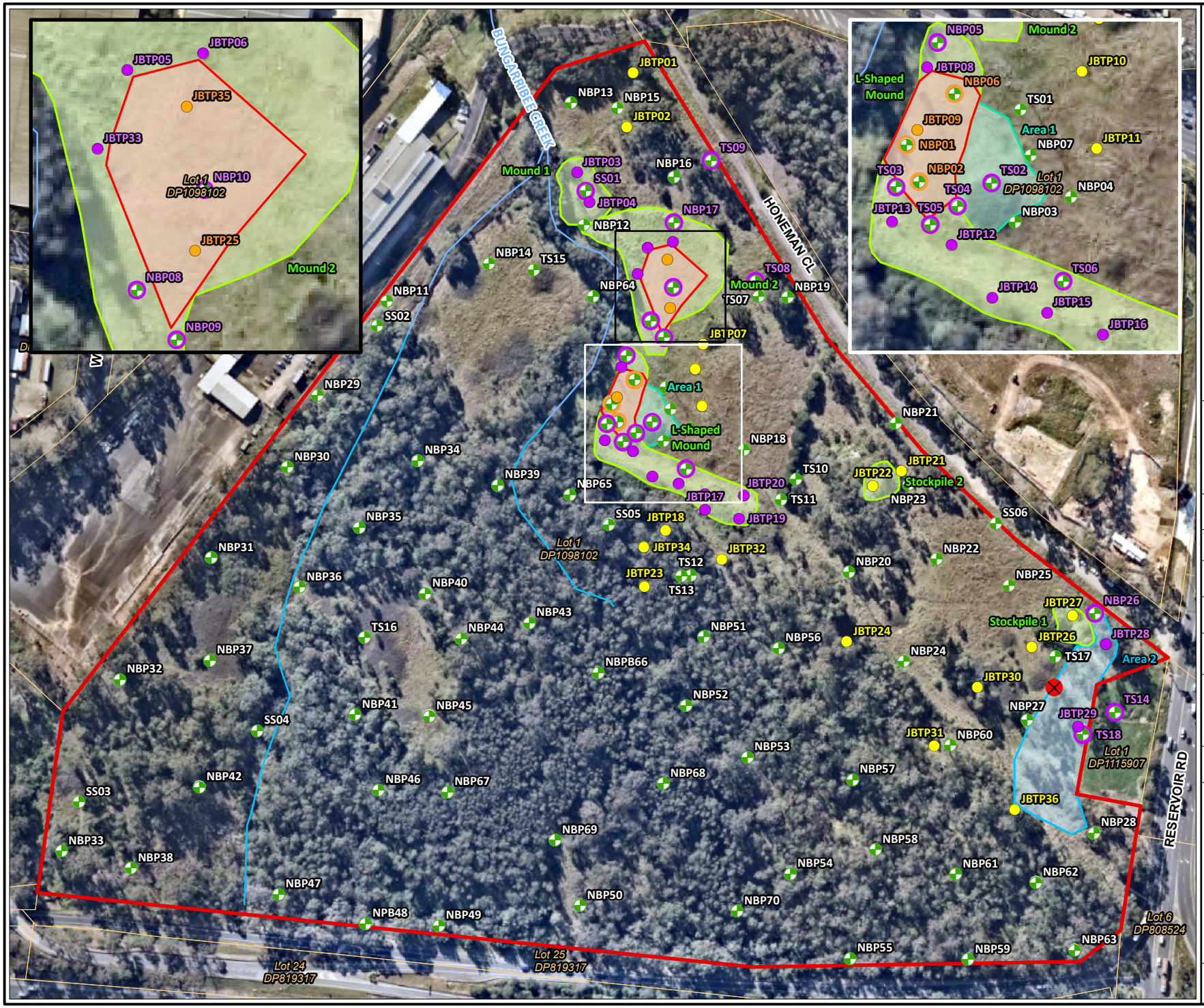
Coord. Sys. GDA2020 MGA Zone 56

**Honeman Close**
**Huntingwood, NSW**

**GROUNDWATER AND SURFACE WATER EXCEEDANCES**

**FIGURE 5B**

File Name: 68310_HonemanCloseHuntingwoodDAstage_R01Rev0
Reference: Nearmap - www.nearmap.com (Capture Date: 29/05/2024)




Legend

- Approximate Site Boundary
- NSW Cadastre
- Hydro Line
- Approximate Creek Location
- Area 1 (Inferred Extent of B&D Rubble)
- Area 2 (Inferred Extent of B&D Rubble)
- Mound/Stockpile
- Known Asbestos Impact/Contamination
- Approximate Location of Septic Tank

Historical Sample Locations CH2M Hill 2015b

- Asbestos Observed or Reported
- B&D Rubble
- Test Pit Location

Sample Locations (JBS&G 2024)

- Asbestos Observed or Reported
- B&D Rubble
- Soil Test Pits

JBS&G

| | |
|---|---|
| Job No: 68310 | |
| Client: Goodman | |
| Version: R01 Rev A | Date 23/01/2025 |
| Drawn By: TS | Checked By: DS |

Scale 1:3,000

0 50 100
metres

Coord. Sys. GDA2020 MGA Zone 56

**Honeman Close**
**Huntingwood, NSW**

**B&D and Asbestos Impacted Fill Extent**

**FIGURE 6**

File Name: 68310_HonemanCloseHuntingwoodDAstage_R01RevA
Reference: Nearmap - www.nearmap.com (Capture Date: 29/05/2024)

# Analytical Results Summary Tables

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | Metals & Metalloids | | | | | | | | TPHs (NEPC 1999) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Arsenic | Cadmium | Chromium (III+VI) | Copper | Lead | Mercury | Nickel | Zinc | C6-C9 Fraction | C10-C14 Fraction | C15-C28 Fraction | C29-C36 Fraction | C10-C36 Fraction (Sum of Total) |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | | | 2 | 0.4 | 1 | 1 | 1 | 0.1 | 1 | 1 | 20 | 20 | 50 | 50 | 50 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | 3,000 | 900 | 3,600 | 240,000 | 1,500 | 730 | 6,000 | 400,000 | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | 40 | | 190 | 95 | 470 | | 50 | 270 | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | 160 | | 940 | 330 | 1,800 | | 450 | 1200 | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | 8.0 | <0.4 | 19 | 27 | 50 | <0.1 | 19 | 85 | <20 | <20 | <50 | <50 | <50 |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | 7.2 | <0.4 | 16 | 17 | 19 | <0.1 | 10 | 27 | <20 | <20 | <50 | <50 | <50 |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | 5.7 | <0.4 | 17 | 19 | 31 | <0.1 | 11 | 37 | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | 5.5 | <0.4 | 21 | 27 | 18 | <0.1 | 16 | 54 | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | 8.1 | <0.4 | 13 | 24 | 15 | <0.1 | 8.0 | 40 | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | 8.6 | <0.4 | 13 | 23 | 30 | <0.1 | 6.8 | 83 | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | 8.2 | <0.4 | 16 | 20 | 14 | <0.1 | 6.7 | 26 | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | 6.6 | <0.4 | 16 | 16 | 16 | <0.1 | 9.3 | 22 | <20 | <20 | <50 | <50 | <50 |
| QC01 | 12 Jun 2024 | 1108483 | 4.9 | <0.4 | 14 | 11 | 16 | <0.1 | 7.1 | 13 | <20 | <20 | <50 | <50 | <50 |
| QA01 | 12 Jun 2024 | 354015 | 6 | <0.4 | 13 | 15 | 23 | <0.1 | 8 | 20 | <25 | <50 | <100 | <100 | <50 |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | 5.4 | <0.4 | 15 | 20 | 27 | <0.1 | 12 | 59 | <20 | <20 | <50 | <50 | <50 |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | 5.2 | <0.4 | 10 | 22 | 24 | <0.1 | 11 | 52 | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | <2 | <0.4 | 5.6 | 27 | 15 | <0.1 | 21 | 30 | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | 8.1 | <0.4 | 12 | 27 | 27 | <0.1 | 7.3 | 29 | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | 5.5 | <0.4 | 10 | 24 | 18 | <0.1 | 8.9 | 29 | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | 8.1 | <0.4 | 18 | 21 | 24 | <0.1 | 9.4 | 37 | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | 8.1 | <0.4 | 13 | 34 | 32 | <0.1 | 31 | 92 | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | 12 | <0.4 | 14 | 35 | 22 | <0.1 | 19 | 74 | <20 | <20 | <50 | <50 | <50 |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | 4.9 | <0.4 | 13 | 20 | 12 | <0.1 | 13 | 43 | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | 8.6 | <0.4 | 15 | 29 | 50 | <0.1 | 20 | 59 | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | 7.0 | <0.4 | 12 | 29 | 25 | <0.1 | 17 | 160 | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | 12 | <0.4 | 23 | 20 | 33 | <0.1 | 10 | 43 | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | 9.8 | <0.4 | 15 | 31 | 38 | <0.1 | 21 | 73 | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | 25 | <0.4 | 13 | 26 | 23 | <0.1 | 9.0 | 43 | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | 16 | <0.4 | 16 | 40 | 42 | <0.1 | 38 | 77 | <20 | <20 | <50 | <50 | <50 |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | 24 | <0.4 | 13 | 33 | 28 | <0.1 | 28 | 75 | <20 | <20 | <50 | <50 | <50 |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | 35 | <0.4 | 18 | 37 | 49 | <0.1 | 33 | 150 | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | 8.4 | <0.4 | 19 | 31 | 86 | <0.1 | 21 | 65 | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | 66 | 66 |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | 8.8 | <0.4 | 35 | 44 | 330 | <0.1 | 39 | 120 | <20 | <20 | <50 | 100 | 100 |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | 9.2 | <0.4 | 18 | 28 | 37 | <0.1 | 18 | 48 | - | - | - | - | - |
| QC20240613_01 | 13 Jun 2024 | 1108483 | 6.1 | <0.4 | 16 | 41 | 48 | <0.1 | 27 | 73 | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | 6 | <0.4 | 20 | 34 | 70 | <0.1 | 26 | 47 | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | 11 | <0.4 | 20 | 32 | 97 | <0.1 | 20 | 51 | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | Metals & Metalloids | | | | | | | | TPHs (NEPC 1999) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Arsenic | Cadmium | Chromium (III+VI) | Copper | Lead | Mercury | Nickel | Zinc | C6-C9 Fraction | C10-C14 Fraction | C15-C28 Fraction | C29-C36 Fraction | C10-C36 Fraction (Sum of Total) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 2 | 0.4 | 1 | 1 | 1 | 0.1 | 1 | 1 | 20 | 20 | 50 | 50 | 50 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | 3,000 | 900 | 3,600 | 240,000 | 1,500 | 730 | 6,000 | 400,000 | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | 40 | | 190 | 95 | 470 | | 50 | 270 | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | 160 | | 940 | 330 | 1,800 | | 450 | 1200 | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | 6.3 | <0.4 | 23 | 46 | 110 | <0.1 | 41 | 82 | - | - | - | - | - |
| QC20240613_02 | 13 Jun 2024 | 1108483 | 5.8 | <0.4 | 19 | 40 | 81 | <0.1 | 38 | 75 | <20 | <20 | <50 | <50 | <50 |
| QA20240613_02 | 13 Jun 2024 | 354015 | <4 | <0.4 | 7 | 41 | 35 | <0.1 | 28 | 34 | <25 | <50 | <100 | <100 | <50 |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | 20 | 52 | 68 | 140 |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | Metals & Metalloids | | | | | | | | TPHs (NEPC 1999) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Arsenic | Cadmium | Chromium (III+VI) | Copper | Lead | Mercury | Nickel | Zinc | C6-C9 Fraction | C10-C14 Fraction | C15-C28 Fraction | C29-C36 Fraction | C10-C36 Fraction (Sum of Total) |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | | | 2 | 0.4 | 1 | 1 | 1 | 0.1 | 1 | 1 | 20 | 20 | 50 | 50 | 50 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | 3,000 | 900 | 3,600 | 240,000 | 1,500 | 730 | 6,000 | 400,000 | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | 40 | | 190 | 95 | 470 | | 50 | 270 | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | 160 | | 940 | 330 | 1,800 | | 450 | 1200 | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | <20 | <20 | 700 | <50 | 700 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | 72 | 72 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | <20 | <20 | <50 | <50 | <50 |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Number of Results | | | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 34 | 34 | 34 | 34 | 34 |
| Number of Detects | | | 34 | 0 | 36 | 36 | 36 | 0 | 36 | 36 | 0 | 1 | 2 | 4 | 5 |
| Minimum Concentration | | | <2 | <0.4 | 5.6 | 11 | 12 | <0.1 | 6.7 | 13 | <20 | 20 | <50 | <50 | <50 |
| Minimum Detect | | | 4.9 | ND | 5.6 | 11 | 12 | ND | 6.7 | 13 | ND | 20 | 52 | 66 | 66 |
| Maximum Concentration | | | 35 | <0.4 | 35 | 46 | 330 | <0.1 | 41 | 160 | <25 | <50 | 700 | 100 | 700 |
| Maximum Detect | | | 35 | ND | 35 | 46 | 330 | ND | 41 | 160 | ND | 20 | 700 | 100 | 700 |
| Average Concentration * | | | 9.1 | 0.2 | 16 | 28 | 45 | 0.05 | 19 | 59 | 10 | 11 | 47 | 33 | 53 |
| Geometric Average * | | | 7.6 | 0.2 | 15 | 27 | 33 | 0.05 | 16 | 51 | 10 | 11 | 29 | 30 | 32 |
| Median Concentration * | | | 8.05 | 0.2 | 15.5 | 27 | 29 | 0.05 | 17.5 | 51.5 | 10 | 10 | 25 | 25 | 25 |
| Standard Deviation * | | | 6.5 | 0 | 5.1 | 8.7 | 55 | 0 | 10 | 34 | 0.6 | 3.9 | 116 | 18 | 117 |
| Geometric Standard Deviation * | | | 1.9 | 1 | 1.4 | 1.4 | 2 | 1 | 1.8 | 1.8 | 1.1 | 1.3 | 1.8 | 1.5 | 2 |
| 95% UCL (Student's-t) * | | | 10.96 | 0.2 | 17.3 | 30.55 | 60.22 | 0.05 | 21.51 | 68.54 | 10.32 | 12.31 | 80.67 | 37.75 | 86.98 |
| % of Detects | | | 94 | 0 | 100 | 100 | 100 | 0 | 100 | 100 | 0 | 3 | 6 | 12 | 15 |
| % of Non-Detects | | | 6 | 100 | 0 | 0 | 0 | 100 | 0 | 0 | 100 | 97 | 94 | 88 | 85 |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | TRHs (NEPC 2013) | | | | | | | BTEXN | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C6-C10 | C10-C16 | C16-C34 | C34-C40 | C10-C40 (Sum of total) | F1 (C6-C10 minus BTEX) | F2 (C10-C16 less Naphthalene) | Benzene | Toluene | Ethylbenzene | Xylene (o) | Xylene (m & p) | Xylene Total | Naphthalene_VOC |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 20 | 50 | 100 | 100 | 50 | 20 | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | 310 \| 480 | | 4 \| 6 \| 9 \| 20 | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | 260 \| 370 \| 630 | | 3 \| 3 \| 3 \| 3 | | | | | 230 | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | 10 |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | 370 |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | 125 | 25 | 8 | 10 | 1.5 | | | 10 | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | 125 | 25 | 10 | 65 | 40 | | | 1.6 | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | 1,700 | 3,300 | | 215 | 170 | 75 | 135 | 165 | | | 180 | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | 2,500 | 6,600 | | 215 | 170 | 95 | 135 | 185 | | | 95 | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | 700 | 1,000 | 3,500 | 10,000 | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | 800 | 1,000 | 5,000 | 10,000 | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| QC01 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| QA01 | 12 Jun 2024 | 354015 | <25 | <50 | <100 | <100 | <50 | <25 | <50 | <0.2 | <0.5 | <1 | <1 | <2 | <1 | <1 |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | <20 | <50 | 110 | <100 | 110 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | TRHs (NEPC 2013) | | | | | | | BTEXN | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C6-C10 | C10-C16 | C16-C34 | C34-C40 | C10-C40 (Sum of total) | F1 (C6-C10 minus BTEX) | F2 (C10-C16 less Naphthalene) | Benzene | Toluene | Ethylbenzene | Xylene (o) | Xylene (m & p) | Xylene Total | Naphthalene_VOC |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 20 | 50 | 100 | 100 | 50 | 20 | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | 310 \| 480 | | 4 \| 6 \| 9 \| 20 | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | 260 \| 370 \| 630 | | 3 \| 3 \| 3 \| 3 | | | | | 230 | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | 10 |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | 370 |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | 125 | 25 | 8 | 10 | 1.5 | | | 10 | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | 125 | 25 | 10 | 65 | 40 | | | 1.6 | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | 1,700 | 3,300 | | 215 | 170 | 75 | 135 | 165 | | | 180 | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | 2,500 | 6,600 | | 215 | 170 | 95 | 135 | 185 | | | 95 | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | 700 | 1,000 | 3,500 | 10,000 | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | 800 | 1,000 | 5,000 | 10,000 | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_02 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| QA20240613_02 | 13 Jun 2024 | 354015 | <25 | <50 | <100 | 150 | 150 | <25 | <50 | <0.2 | <0.5 | <1 | <1 | <2 | <1 | <1 |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | - | - | - | - | - | - | <0.5 |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | TRHs (NEPC 2013) | | | | | | | BTEXN | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C6-C10 | C10-C16 | C16-C34 | C34-C40 | C10-C40 (Sum of total) | F1 (C6-C10 minus BTEX) | F2 (C10-C16 less Naphthalene) | Benzene | Toluene | Ethylbenzene | Xylene (o) | Xylene (m & p) | Xylene Total | Naphthalene_VOC |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 20 | 50 | 100 | 100 | 50 | 20 | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | 310 \| 480 | | 4 \| 6 \| 9 \| 20 | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | 260 \| 370 \| 630 | | 3 \| 3 \| 3 \| 3 | | | | | 230 | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | 10 |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | 370 |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | 125 | 25 | 8 | 10 | 1.5 | | | 10 | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | 125 | 25 | 10 | 65 | 40 | | | 1.6 | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | 1,700 | 3,300 | | 215 | 170 | 75 | 135 | 165 | | | 180 | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | 2,500 | 6,600 | | 215 | 170 | 95 | 135 | 185 | | | 95 | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | 700 | 1,000 | 3,500 | 10,000 | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | 800 | 1,000 | 5,000 | 10,000 | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <20 | <50 | 700 | <100 | 700 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <20 | <50 | <100 | 140 | 140 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <20 | <50 | <100 | <100 | <100 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Results | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 17 | 17 | 17 | 17 | 17 | 17 | 34 |
| Number of Detects | 0 | 0 | 2 | 2 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | <20 | <50 | <100 | <100 | <50 | <20 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.2 | <0.3 | <0.5 |
| Minimum Detect | ND | ND | 110 | 140 | 110 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | <25 | <50 | 700 | 150 | 700 | <25 | <50 | <0.2 | <0.5 | <1 | <1 | <2 | <1 | <1 |
| Maximum Detect | ND | ND | 700 | 150 | 700 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | 10 | 25 | 71 | 56 | 76 | 10 | 25 | 0.056 | 0.074 | 0.1 | 0.1 | 0.21 | 0.19 | 0.26 |
| Geometric Average * | 10 | 25 | 55 | 53 | 58 | 10 | 25 | 0.054 | 0.06 | 0.066 | 0.066 | 0.13 | 0.17 | 0.26 |
| Median Concentration * | 10 | 25 | 50 | 50 | 50 | 10 | 25 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.15 | 0.25 |
| Standard Deviation * | 0.6 | 0 | 112 | 23 | 113 | 0.6 | 0 | 0.017 | 0.066 | 0.15 | 0.15 | 0.3 | 0.12 | 0.06 |
| Geometric Standard Deviation * | 1.1 | 1 | 1.6 | 1.3 | 1.7 | 1.1 | 1 | 1.3 | 1.7 | 2.1 | 2.1 | 2.1 | 1.5 | 1.2 |
| 95% UCL (Student's-t) * | 10.32 | 25 | 103.3 | 62.18 | 108.6 | 10.32 | 25 | 0.0629 | 0.102 | 0.166 | 0.166 | 0.332 | 0.24 | 0.282 |
| % of Detects | 0 | 0 | 6 | 6 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | 100 | 100 | 94 | 94 | 88 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | PAH | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PAHs (Sum of positives) | Acenaphthene | Acenaphthylene | Anthracene | Benz(a)anthracene | Benzo(a)pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ calc (Half) | Benzo(a)pyrene TEQ calc (Zero) | Benzo(b+j)fluoranthene | Benzo(b+j+k)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | PAHs (Sum of total) |
| | | | µg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | | | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | 40 | 40 | 40 | | | | | | | | | | | | | 4,000 |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | | | 10 | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | | | 370 | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | 0.7 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | 0.7 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | 1.4 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | 1.4 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QC01 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QA01 | 12 Jun 2024 | 354015 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.05 | <0.5 | <0.5 | <0.5 | - | <0.2 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QA20240613_01 | 13 Jun 2024 | 354015 | 2,800 | <0.1 | <0.1 | <0.1 | 0.3 | 0.3 | <0.5 | <0.5 | <0.5 | - | 0.5 | 0.2 | - | 0.2 | <0.1 | 0.5 | <0.1 | 0.3 | <0.1 | <0.1 | 0.5 | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | PAH | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | PAHs (Sum of positives) | Acenaphthene | Acenaphthylene | Anthracene | Benz(a)anthracene | Benzo(a)pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ calc (Half) | Benzo(a)pyrene TEQ calc (Zero) | Benzo(b+j)fluoranthene | Benzo(b+j+k)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | PAHs (Sum of total) |
| | µg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | 40 | 40 | 40 | | | | | | | | | | | | | 4,000 |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | 10 | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | 370 | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | 0.7 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | 0.7 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | 1.4 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | 1.4 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QA20240613_03 | 13 Jun 2024 | 354015 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.05 | <0.5 | <0.5 | <0.5 | - | <0.2 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | 0.6 | <0.5 | 0.7 | <0.5 | <0.5 | <0.5 | 0.7 | 2.0 |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | PAH | | | | | | | | | | | | | | |
| | PAHs (Sum of positives) | Acenaphthene | Acenaphthylene | Anthracene | Benz(a)anthracene | Benzo(a)pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ calc (Half) | Benzo(a)pyrene TEQ calc (Zero) | Benzo(b+j)fluoranthene | Benzo(b+j+k)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | PAHs (Sum of total) |
| | µg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | 40 | 40 | 40 | | | | | | | | | | | | | 4,000 |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | 10 | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | 370 | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | 0.7 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | 0.7 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | 1.4 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | 1.4 | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Results | 3 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 36 | 3 | 39 | 36 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 39 | 36 |
| Number of Detects | 1 | 0 | 0 | 0 | 1 | 1 | 36 | 36 | 0 | 0 | 1 | 1 | 0 | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 2 | 1 |
| Minimum Concentration | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.05 | <0.5 | <0.5 | <0.5 | <0.5 | <0.2 | <0.1 | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.5 |
| Minimum Detect | 2,800 | ND | ND | ND | 0.3 | 0.3 | 1.2 | 0.6 | ND | ND | 0.5 | 0.2 | ND | 0.2 | ND | 0.5 | ND | 0.3 | ND | ND | 0.5 | 2 |
| Maximum Concentration | 2,800 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | 0.5 | <0.5 | <0.5 | 0.6 | <0.5 | 0.7 | <0.5 | <0.5 | <0.5 | <0.5 | 0.7 | 2 |
| Maximum Detect | 2,800 | ND | ND | ND | 0.3 | 0.3 | 1.2 | 0.6 | ND | ND | 0.5 | 0.2 | ND | 0.6 | ND | 0.7 | ND | 0.3 | ND | ND | 0.7 | 2 |
| Average Concentration * | 950 | 0.23 | 0.23 | 0.23 | 0.24 | 0.24 | 1.1 | 0.57 | 0.25 | 0.25 | 0.23 | 0.24 | 0.25 | 0.25 | 0.23 | 0.26 | 0.23 | 0.24 | 0.23 | 0.23 | 0.26 | 0.3 |
| Geometric Average * | 121 | 0.22 | 0.22 | 0.22 | 0.23 | 0.22 | 1.1 | 0.56 | 0.25 | 0.25 | 0.17 | 0.23 | 0.25 | 0.23 | 0.22 | 0.24 | 0.22 | 0.23 | 0.22 | 0.22 | 0.24 | 0.26 |
| Median Concentration * | 25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 1.2 | 0.6 | 0.25 | 0.25 | 0.1 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 |
| Standard Deviation * | 1,602 | 0.054 | 0.054 | 0.054 | 0.046 | 0.051 | 0.26 | 0.094 | 0 | 0 | 0.23 | 0.045 | 0 | 0.073 | 0.054 | 0.095 | 0.054 | 0.046 | 0.054 | 0.054 | 0.095 | 0.29 |
| Geometric Standard Deviation * | 15 | 1.5 | 1.5 | 1.5 | 1.4 | 1.7 | 1.5 | 1.3 | 1 | 1 | 2.5 | 1.4 | 1 | 1.5 | 1.5 | 1.5 | 1.5 | 1.4 | 1.5 | 1.5 | 1.5 | 1.4 |
| 95% UCL (Student's-t) * | 3,651 | 0.249 | 0.249 | 0.249 | 0.253 | 0.254 | 1.196 | 0.599 | 0.25 | 0.25 | 0.623 | 0.251 | 0.25 | 0.267 | 0.249 | 0.283 | 0.249 | 0.253 | 0.249 | 0.249 | 0.283 | 0.381 |
| % of Detects | 33 | 0 | 0 | 0 | 3 | 3 | 92 | 92 | 0 | 0 | 33 | 3 | 0 | 5 | 0 | 5 | 0 | 3 | 0 | 0 | 5 | 3 |
| % of Non-Detects | 67 | 100 | 100 | 100 | 97 | 97 | 8 | 8 | 100 | 100 | 67 | 97 | 100 | 95 | 100 | 95 | 100 | 97 | 100 | 100 | 95 | 97 |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | Organochlorine Pesticides | | | | | | | | | | | | | | | | | | | | | | | | | Polychlorinated Biphenyls | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4,4-DDE | a-BHC | b-BHC | d-BHC | g-BHC (Lindane) | Aldrin | Dieldrin | Aldrin + Dieldrin | Chlordane | Chlordane (cis) | Chlordane (trans) | DDT | DDD | DDT+DDE+DDD | Endosulfan I | Endosulfan II | Endosulfan sulphate | Endrin | Endrin aldehyde | Endrin ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Mirex | Toxaphene | Arochlor 1016 | Arochlor 1221 | Arochlor 1232 | Arochlor 1242 | Arochlor 1248 | Arochlor 1254 | Arochlor 1260 | PCBs (Sum of total) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | 45 | 530 | | | | | 3,600 | | | | 100 | | | 50 | | 2,500 | 100 | 160 | | | | | | | | 7 |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | 640 | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC01 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA01 | 12 Jun 2024 | 354015 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | Organochlorine Pesticides | | | | | | | | | | | | | | | | | | | | | | | | | Polychlorinated Biphenyls | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4,4-DDE | a-BHC | b-BHC | d-BHC | g-BHC (Lindane) | Aldrin | Dieldrin | Aldrin + Dieldrin | Chlordane | Chlordane (cis) | Chlordane (trans) | DDT | DDD | DDT+DDE+DDD | Endosulfan I | Endosulfan II | Endosulfan sulphate | Endrin | Endrin aldehyde | Endrin ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Mirex | Toxaphene | Arochlor 1016 | Arochlor 1221 | Arochlor 1232 | Arochlor 1242 | Arochlor 1248 | Arochlor 1254 | Arochlor 1260 | PCBs (Sum of total) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | 45 | 530 | | | | | 3,600 | | | | 100 | | | 50 | | 2,500 | 100 | 160 | | | | | | | | 7 |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | 640 | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| QC20240613_02 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| QA20240613_02 | 13 Jun 2024 | 354015 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | Organochlorine Pesticides | | | | | | | | | | | | | | | | | | | | | | | | | Polychlorinated Biphenyls | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4,4-DDE | a-BHC | b-BHC | d-BHC | g-BHC (Lindane) | Aldrin | Dieldrin | Aldrin + Dieldrin | Chlordane | Chlordane (cis) | Chlordane (trans) | DDT | DDD | DDT+DDE+DDD | Endosulfan I | Endosulfan II | Endosulfan sulphate | Endrin | Endrin aldehyde | Endrin ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Mirex | Toxaphene | Arochlor 1016 | Arochlor 1221 | Arochlor 1232 | Arochlor 1242 | Arochlor 1248 | Arochlor 1254 | Arochlor 1260 | PCBs (Sum of total) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | 45 | 530 | | | | | 3,600 | | | | 100 | | | 50 | | 2,500 | 100 | 160 | | | | | | | | 7 |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | 640 | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Number of Results | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 16 | 16 | 2 | 2 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 16 | 18 | 18 | 18 | 2 | 16 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Number of Detects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.1 | <0.1 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | <0.5 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Minimum Detect | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | <0.1 | <0.1 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.1 | <10 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| Maximum Detect | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.25 | 0.05 | 0.05 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.05 | 2.3 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 | 0.22 |
| Geometric Average * | 0.066 | 0.066 | 0.066 | 0.066 | 0.066 | 0.066 | 0.066 | 0.068 | 0.14 | 0.05 | 0.05 | 0.066 | 0.066 | 0.066 | 0.066 | 0.066 | 0.066 | 0.066 | 0.066 | 0.066 | 0.068 | 0.066 | 0.066 | 0.066 | 0.05 | 0.93 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 |
| Median Concentration * | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.025 | 0.05 | 0.05 | 0.05 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.0375 | 0.025 | 0.0375 | 0.0375 | 0.0375 | 0.05 | 0.25 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 |
| Standard Deviation * | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 | 0.23 | 0 | 0 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.11 | 0.12 | 0.11 | 0.11 | 0.11 | 0 | 2.4 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 | 0.23 |
| Geometric Standard Deviation * | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3.3 | 3.3 | 1 | 1 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3.3 | 3 | 3 | 3 | 1 | 4.6 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 | 3.2 |
| 95% UCL (Student's-t) * | 0.161 | 0.161 | 0.161 | 0.161 | 0.161 | 0.161 | 0.161 | 0.174 | 0.348 | 0.05 | 0.05 | 0.161 | 0.161 | 0.161 | 0.161 | 0.161 | 0.161 | 0.161 | 0.161 | 0.161 | 0.174 | 0.161 | 0.161 | 0.161 | 0.05 | 3.395 | 0.318 | 0.318 | 0.318 | 0.318 | 0.318 | 0.318 | 0.318 | 0.318 |
| % of Detects | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | PFAS | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (NMeFOSA) | N-Ethyl perfluorooctane sulfonamide (NEtFOSA) | N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE) | N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE) | N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA) |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | | | 0.0002 | 0.0002 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.0002 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | 50 | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QC01 | 12 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QA01 | 12 Jun 2024 | 354015 | <0.0002 | <0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0002 |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QC20240613_01 | 13 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QA20240613_01 | 13 Jun 2024 | 354015 | <0.0002 | <0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0002 |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | PFAS | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (NMeFOSA) | N-Ethyl perfluorooctane sulfonamide (NEtFOSA) | N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE) | N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE) | N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA) |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | | | 0.0002 | 0.0002 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.0002 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | 50 | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| QC20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | PFAS | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (NMeFOSA) | N-Ethyl perfluorooctane sulfonamide (NEtFOSA) | N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE) | N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE) | N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA) |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| | | | 0.0002 | 0.0002 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.005 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.0002 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | 50 | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| Number of Results | | | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Number of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | | | <0.0002 | <0.0002 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0005 | <0.0005 | <0.0005 | <0.0005 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.0002 |
| Minimum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | | | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 |
| Maximum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | | | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0023 | 0.0023 | 0.0023 | 0.0023 | 0.0025 | 0.0023 | 0.0023 | 0.0023 | 0.0023 | 0.0025 | 0.0045 |
| Geometric Average * | | | 0.0017 | 0.0017 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 0.0025 | 0.0021 | 0.0021 | 0.0021 | 0.0021 | 0.0025 | 0.0032 |
| Median Concentration * | | | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.005 |
| Standard Deviation * | | | 0.00078 | 0.00078 | 0.00079 | 0.00079 | 0.00079 | 0.00079 | 0.00073 | 0.00073 | 0.00073 | 0.00073 | 0 | 0.00065 | 0.00065 | 0.00065 | 0.00065 | 0 | 0.0016 |
| Geometric Standard Deviation * | | | 2.8 | 2.8 | 3.5 | 3.5 | 3.5 | 3.5 | 2.1 | 2.1 | 2.1 | 2.1 | 1 | 1.7 | 1.7 | 1.7 | 1.7 | 1 | 3.5 |
| 95% UCL (Student's-t) * | | | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.0025 | 0.00254 | 0.00254 | 0.00254 | 0.00254 | 0.0025 | 0.00511 |
| % of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | PFAS | | | | | | | | | | | | | | | | | | | Chlorinated Benzenes | Ionic Balance | | | Particle Size |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | Perfluoropropanesulfonic acid (PFPrS) | Perfluorobutanesulfonic acid (PFBS) | Perfluoropentanesulfonic acid (PFPeS) | Perfluorohexanesulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctanesulfonic acid (PFOS) | Perfluorodecanesulfonic acid (PFDS) | 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA) | 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA) | 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA) | 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA) | Sum of PFHxS and PFOS | Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | Sum of US EPA PFAS (PFOS + PFOA)* | Sum of WA DWER PFAS (n=10)* | Sum of PFAS | Perfluorononanesulfonic acid ion | Hexachlorobenzene | CEC | Conductivity (1:5 aqueous extract) | pH (aqueous extract) | % Clay* |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/KG | mg/kg | mg/kg | mg/kg | MEQ/100G | US/CM | pH Units | % |
| | 0.0002 | 0.005 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0001 | 0.005 | 0.0001 | 0.01 | 0.0001 | 0.005 | 0.05 | 0.5 | 10 | 0.1 | 2.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | | | | | | 80 | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | 20 | | 20 | | | | | | 20 | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| QC01 | 12 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| QA01 | 12 Jun 2024 | 354015 | <0.0002 | - | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | <0.0002 | <0.0001 | <0.0001 | <0.0002 | <0.0002 | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.1 | - | - | - | - |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 17 | <10 | 8.6 | 31 |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| QC20240613_01 | 13 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | <0.0002 | - | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0001 | <0.0002 | <0.0001 | <0.0001 | <0.0002 | <0.0002 | 0.0001 | - | 0.0001 | - | 0.0001 | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | PFAS | | | | | | | | | | | | | | | | | | Chlorinated Benzenes | Ionic Balance | | | Particle Size |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | Perfluoropropanesulfonic acid (PFPrS) | Perfluorobutanesulfonic acid (PFBS) | Perfluoropentanesulfonic acid (PFPeS) | Perfluorohexanesulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctanesulfonic acid (PFOS) | Perfluorodecanesulfonic acid (PFDS) | 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA) | 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA) | 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA) | 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA) | Sum of PFHxS and PFOS | Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | Sum of US EPA PFAS (PFOS + PFOA)* | Sum of WA DWER PFAS (n=10)* | Sum of PFAS | Perfluorononanesulfonic acid ion | Hexachlorobenzene | CEC | Conductivity (1:5 aqueous extract) | pH (aqueous extract) | % Clay* |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/KG | mg/kg | mg/kg | mg/kg | MEQ/100G | US/CM | pH Units | % |
| | 0.0002 | 0.005 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0001 | 0.005 | 0.0001 | 0.01 | 0.0001 | 0.005 | 0.05 | 0.5 | 10 | 0.1 | 2.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | | | | | | 80 | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | 20 | | 20 | | | | | | 20 | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | <0.5 | - | - | - | - |
| QC20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | - | - | - | - |
| QA20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.1 | - | - | - | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | <0.05 | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE A - Soil Analytical Summary Table
Project Number: 68310
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | PFAS | | | | | | | | | | | | | | | | | | Chlorinated Benzenes | Ionic Balance | | | Particle Size |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | Perfluoropropanesulfonic acid (PFPrS) | Perfluorobutanesulfonic acid (PFBS) | Perfluoropentanesulfonic acid (PFPeS) | Perfluorohexanesulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctanesulfonic acid (PFOS) | Perfluorodecanesulfonic acid (PFDS) | 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA) | 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA) | 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA) | 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA) | Sum of PFHxS and PFOS | Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | Sum of US EPA PFAS (PFOS + PFOA)* | Sum of WA DWER PFAS (n=10)* | Sum of PFAS | Perfluorononanesulfonic acid ion | Hexachlorobenzene | CEC | Conductivity (1:5 aqueous extract) | pH (aqueous extract) | % Clay* |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/KG | mg/kg | mg/kg | mg/kg | MEQ/100G | US/CM | pH Units | % |
| | | | 0.0002 | 0.005 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0001 | 0.0002 | 0.0001 | 0.0001 | 0.0002 | 0.0002 | 0.0001 | 0.005 | 0.0001 | 0.01 | 0.0001 | 0.005 | 0.05 | 0.5 | 10 | 0.1 | 2.5 |
| NEPM 2013 Table 1A(1) HILs Comm/Ind D Soil | | | | | | | | | | | | | | | | | | | | | 80 | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(3) Comm/Ind D Soil HSL for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specific EIL - Areas of Ecological Significance | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(1-5) Site Specifc EIL - Comm/Ind | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Areas of Ecological Significance, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(6) ESLs for Comm/Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Coarse Soil | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1B(7) Management Limits Comm / Ind, Fine Soil | | | | | | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 7 Comm/Ind D Soil HSL for Asbestos in Soil | | | | | | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 2 Health Industrial/Commercial | | | | | | | 20 | | 20 | | | | | | 20 | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | 21 | 180 | 6.7 | 24 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | - | - | - | - | - |
| Number of Results | | | 18 | 16 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 16 | 18 | 16 | 18 | 16 | 18 | 2 | 2 | 2 | 2 |
| Number of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 2 | 1 | 2 | 2 |
| Minimum Concentration | | | <0.0002 | <0.005 | <0.0001 | <0.0001 | <0.0001 | <0.0001 | 0.0001 | <0.0002 | <0.0001 | <0.0001 | <0.0002 | <0.0002 | 0.0001 | <0.005 | 0.0001 | <0.01 | 0.0001 | <0.005 | <0.05 | 17 | <10 | 6.7 | 24 |
| Minimum Detect | | | ND | ND | ND | ND | ND | ND | 0.0001 | ND | ND | ND | ND | ND | 0.0001 | ND | 0.0001 | ND | 0.0001 | ND | ND | 17 | 180 | 6.7 | 24 |
| Maximum Concentration | | | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.01 | <0.05 | <0.005 | <0.5 | 21 | 180 | 8.6 | 31 |
| Maximum Detect | | | ND | ND | ND | ND | ND | ND | 0.0001 | ND | ND | ND | ND | ND | 0.0001 | ND | 0.0001 | ND | 0.0001 | ND | ND | 21 | 180 | 8.6 | 31 |
| Average Concentration * | | | 0.0045 | 0.0025 | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0022 | 0.0044 | 0.0022 | 0.0022 | 0.0022 | 0.0025 | 0.0022 | 0.005 | 0.022 | 0.0025 | 0.12 | 19 | 92 | 7.6 | 28 |
| Geometric Average * | | | 0.0032 | 0.0025 | 0.0016 | 0.0016 | 0.0016 | 0.0016 | 0.0017 | 0.0017 | 0.0016 | 0.003 | 0.0017 | 0.0017 | 0.0017 | 0.0025 | 0.0017 | 0.005 | 0.013 | 0.0025 | 0.066 | 19 | 30 | 7.6 | 27 |
| Median Concentration * | | | 0.005 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.005 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.005 | 0.025 | 0.0025 | 0.0375 | 19 | 92.5 | 7.65 | 27.5 |
| Standard Deviation * | | | 0.0016 | 0 | 0.00079 | 0.00079 | 0.00079 | 0.00079 | 0.00078 | 0.00078 | 0.00079 | 0.0016 | 0.00078 | 0.00078 | 0.00078 | 0 | 0.00078 | 0 | 0.0081 | 0 | 0.11 | 2.8 | 124 | 1.3 | 4.9 |
| Geometric Standard Deviation * | | | 3.5 | 1 | 3.5 | 3.5 | 3.5 | 3.5 | 3.2 | 2.8 | 3.5 | 4.4 | 2.8 | 2.8 | 3.2 | 1 | 3.2 | 1 | 6.7 | 1 | 3 | 1.2 | 13 | 1.2 | 1.2 |
| 95% UCL (Student's-t) * | | | 0.00511 | 0.0025 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00255 | 0.00511 | 0.00255 | 0.00255 | 0.00255 | 0.0025 | 0.00255 | 0.005 | 0.0255 | 0.0025 | 0.161 | 31.63 | 645 | 13.65 | 49.6 |
| % of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 | 0 | 6 | 0 | 0 | 100 | 50 | 100 | 100 |
| % of Non-Detects | | | 100 | 100 | 100 | 100 | 100 | 100 | 94 | 100 | 100 | 100 | 100 | 100 | 94 | 100 | 94 | 100 | 94 | 100 | 100 | 0 | 50 | 0 | 0 |

**Table B: Field Asbestos Quantification Results**
**Job Number: 68310**

| Health Screening Level Asbestos Concentration in Soil (% w/w) | |
|---|---|
| Category | |
| Bonded ACM in soils | 0.05 |
| FA and AF in soils | 0.001 |
| ACM detected or observed in soil | |

| Sample Information | | | Field AQ Results | | | | | Laboratory Results | | Combined Results | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | Date | Material Type | Approx. Volume of Soil (L) | Soil Mass (g) | Mass ACM (g) | Mass Asbestos in ACM (g)* | Asbestos from ACM in soil (%w/w) | ACM (% w/w) | AF/FA (% w/w) | ACM (% w/w) | AF/FA (% w/w) |
| JBTP01_0.0-0.6 | 12/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP02_0.0-0.5 | 12/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP03_0.0-0.2 | 12/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP03_0.2-1.2 | 12/6/2024 | FILL - Silty Clay, red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP03_1.2-1.8 | 12/6/2024 | FILL - Silty Clay, grey/orange | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP03_1.8-2.4 | 12/6/2024 | FILL - Gravelly Clayey Silt, brown/orange | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP03_2.4-3.2 | 12/6/2024 | FILL - Clayey Silt, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP04_0.0-0.3 | 12/6/2024 | FILL - Silty Clay, red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP04_0.3-1.0 | 12/6/2024 | FILL - Silty Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP04_1.0-1.5 | 12/6/2024 | FILL - Silty Sandy Clay, yellow/grey | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP04_1.5-2.4 | 12/6/2024 | FILL - Clayey Silt, dark brown/grey | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP04_2.4-3.2 | 12/6/2024 | NATURAL - Silty Clay, dark grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP05_0.0-1.0 | 12/6/2024 | FILL - Silty Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP05_1.0-2.0 | 12/6/2024 | FILL - Gravelly Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP05_2.0-2.5 | 12/6/2024 | FILL - Gravelly Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP05_2.5-3.0 | 12/6/2024 | NATURAL - Clay, red/grey | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP06_0.0-1.0 | 12/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP06_1.0-2.0 | 12/6/2024 | FILL - Gravelly Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP06_2.0-2.4 | 12/6/2024 | FILL - Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP06_2.4-3.2 | 12/6/2024 | NATURAL - Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP07_0.0-0.5 | 12/6/2024 | FILL - Sandy Clay, red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP08_0.0-1.0 | 12/6/2024 | FILL - Sandy Gravelly Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP08_1.0-2.0 | 12/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP09_0.0-1.0 | 12/6/2024 | FILL - Silty Gravelly Clay, grey/brown | 10 | 16300 | 5 | 0.75 | 0.005 | 0.000 | 0.0000 | 0.005 | 0.0000 |
| JBTP09_1.0-1.5 | 12/6/2024 | FILL - Silty Gravelly Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP09_1.5-1.9 | 12/6/2024 | FILL - Silty Gravelly Clay, dark grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP10_0.0-0.8 | 12/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP11_0.0-0.2 | 12/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP12_0.0-1.0 | 12/6/2024 | FILL - Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |

**Table B: Field Asbestos Quantification Results**
**Job Number: 68310**

| Health Screening Level Asbestos Concentration in Soil (% w/w) | |
|---|---|
| Category | |
| Bonded ACM in soils | 0.05 |
| FA and AF in soils | 0.001 |
| ACM detected or observed in soil | |

| Sample Information | | | Field AQ Results | | | | | Laboratory Results | | Combined Results | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID | Date | Material Type | Approx. Volume of Soil (L) | Soil Mass (g) | Mass ACM (g) | Mass Asbestos in ACM (g)* | Asbestos from ACM in soil (%w/w) | ACM (% w/w) | AF/FA (% w/w) | ACM (% w/w) | AF/FA (% w/w) |
| JBTP13_0.0-1.0 | 12/6/2024 | FILL - Silty Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP13_1.0-2.0 | 12/6/2024 | FILL - Silty Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP14_0.0-1.0 | 13/6/2024 | FILL - Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP14_1.0-1.5 | 13/6/2024 | FILL - Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP15_0.0-1.0 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP16_0.0-1.0 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP16_1.0-1.8 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP17_0.0-1.0 | 13/6/2024 | FILL - Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP17_1.0-2.0 | 13/6/2024 | FILL - Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP18_0.0-0.1 | 13/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP19_0.0-1.0 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP19_1.0-1.5 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP20_0.0-1.0 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP20_1.0-1.5 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP21_0.0-0.2 | 13/6/2024 | FILL - Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP21_0.2-0.5 | 13/6/2024 | NATURAL - Sandy Clay, red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP22_0.0-1.0 | 13/6/2024 | FILL - Gravelly Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP22_1.0-1.5 | 13/6/2024 | NATURAL - Clay,red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP23_0.0-0.3 | 13/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP24_0.0-0.2 | 13/6/2024 | FILL - Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP25_0.0-1.0 | 12/6/2024 | FILL - Gravelly Silty Clay, dark brown/brown | 10 | 16300 | 34 | 5.10 | 0.031 | 0.000 | 0.0000 | 0.031 | 0.0000 |
| JBTP25_1.0-1.8 | 12/6/2024 | FILL - Gravelly Silty Clay, dark brown/brown | 10 | 16300 | 4 | 0.60 | 0.004 | 0.000 | 0.0000 | 0.004 | 0.0000 |
| JBTP26_0.0-0.3 | 12/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP27_0.0-0.2 | 13/6/2024 | FILL - Gravelly Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP27_0.2-0.5 | 13/6/2024 | FILL - Clay, red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP27_0.5-1.5 | 13/6/2024 | FILL - Gravelly Sandy Clay, red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP27_1.5-1.8 | 13/6/2024 | NATURAL - Clay, red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP28_0.0-1.0 | 13/6/2024 | FILL - Sandy Clay, tan/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP29_0.0-0.8 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP29_0.8-1.0 | 13/6/2024 | NATURAL - Clay, red/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP30_0.0-0.3 | 13/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP31_0.0-0.3 | 13/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP31_0.3-0.5 | 13/6/2024 | NATURAL - Silty Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP32_0.0-0.3 | 13/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP33_0.0-1.0 | 12/6/2024 | FILL - Silty Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP33_1.0-2.0 | 12/6/2024 | FILL - Silty Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP33_2.0-3.0 | 12/6/2024 | FILL - Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP33_3.0-3.2 | 12/6/2024 | FILL - .Sandy Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP34_0.0-0.3 | 13/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP35_0.0-1.0 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |
| JBTP35_1.0-1.5 | 13/6/2024 | FILL - Sandy Clay, grey/brown | 10 | 16300 | 72 | 10.80 | 0.066 | 0.000 | 0.0000 | 0.066 | 0.0000 |
| JBTP36_0.0-0.3 | 13/6/2024 | FILL - Silty Clay, dark brown/brown | 10 | 16300 | 0 | 0.00 | 0.000 | 0.000 | 0.0000 | 0.000 | 0.0000 |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | Metals & Metalloids | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Arsenic | | Cadmium | | Chromium (III+VI) | | Copper | | Lead | | Mercury | | Nickel | | Zinc | | Zinc | |
| | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | | |
| EQL | 2 | 0.01 | 0.4 | 0.005 | 1 | 0.05 | 1 | 0.05 | 1 | 0.01 | 0.1 | 0.001 | 1 | 0.01 | 1 | 0.05 | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 100 | | 20 | | 100 | | | | 100 | | 4 | | 40 | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 500 | | 100 | | 1,900 | | | | 1,500 | | 50 | | 1,050 | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | 5 | | 1 | | 5 | | | | 5 | | 0.2 | | 2 | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 400 | | 80 | | 400 | | | | 400 | | 16 | | 160 | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 2,000 | | 400 | | 7,600 | | | | 6,000 | | 200 | | 4,200 | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | 20 | | 4 | | 20 | | | | 20 | | 0.8 | | 8 | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | 8.0 | - | <0.4 | - | 19 | - | 27 | - | 50 | - | <0.1 | - | 19 | - | 85 | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | 7.2 | - | <0.4 | - | 16 | - | 17 | - | 19 | - | <0.1 | - | 10 | - | 27 | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | 5.7 | - | <0.4 | - | 17 | - | 19 | - | 31 | - | <0.1 | - | 11 | - | 37 | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | 5.5 | - | <0.4 | - | 21 | - | 27 | - | 18 | - | <0.1 | - | 16 | - | 54 | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | 8.1 | - | <0.4 | - | 13 | - | 24 | - | 15 | - | <0.1 | - | 8.0 | - | 40 | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | 8.6 | - | <0.4 | - | 13 | - | 23 | - | 30 | - | <0.1 | - | 6.8 | - | 83 | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | 8.2 | - | <0.4 | - | 16 | - | 20 | - | 14 | - | <0.1 | - | 6.7 | - | 26 | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | Metals & Metalloids | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Arsenic | | Cadmium | | Chromium (III+VI) | | Copper | | Lead | | Mercury | | Nickel | | Zinc | | Zinc | |
| | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | | |
| EQL | 2 | 0.01 | 0.4 | 0.005 | 1 | 0.05 | 1 | 0.05 | 1 | 0.01 | 0.1 | 0.001 | 1 | 0.01 | 1 | 0.05 | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 100 | | 20 | | 100 | | | | 100 | | 4 | | 40 | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 500 | | 100 | | 1,900 | | | | 1,500 | | 50 | | 1,050 | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | 5 | | 1 | | 5 | | | | 5 | | 0.2 | | 2 | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 400 | | 80 | | 400 | | | | 400 | | 16 | | 160 | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 2,000 | | 400 | | 7,600 | | | | 6,000 | | 200 | | 4,200 | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | 20 | | 4 | | 20 | | | | 20 | | 0.8 | | 8 | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | 6.6 | - | <0.4 | - | 16 | - | 16 | - | 16 | - | <0.1 | - | 9.3 | - | 22 | - |
| QC01 | 12 Jun 2024 | 1108483 | 4.9 | - | <0.4 | - | 14 | - | 11 | - | 16 | - | <0.1 | - | 7.1 | - | 13 | - |
| QA01 | 12 Jun 2024 | 354015 | 6 | - | <0.4 | - | 13 | - | 15 | - | 23 | - | <0.1 | - | 8 | - | 20 | - |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | 5.4 | - | <0.4 | - | 15 | - | 20 | - | 27 | - | <0.1 | - | 12 | - | 59 | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | 5.2 | - | <0.4 | - | 10 | - | 22 | - | 24 | - | <0.1 | - | 11 | - | 52 | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | <2 | - | <0.4 | - | 5.6 | - | 27 | - | 15 | - | <0.1 | - | 21 | - | 30 | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | 8.1 | - | <0.4 | - | 12 | - | 27 | - | 27 | - | <0.1 | - | 7.3 | - | 29 | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | 5.5 | - | <0.4 | - | 10 | - | 24 | - | 18 | - | <0.1 | - | 8.9 | - | 29 | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | 8.1 | - | <0.4 | - | 18 | - | 21 | - | 24 | - | <0.1 | - | 9.4 | - | 37 | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | 8.1 | - | <0.4 | - | 13 | - | 34 | - | 32 | - | <0.1 | - | 31 | - | 92 | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | 12 | - | <0.4 | - | 14 | - | 35 | - | 22 | - | <0.1 | - | 19 | - | 74 | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | 4.9 | - | <0.4 | - | 13 | - | 20 | - | 12 | - | <0.1 | - | 13 | - | 43 | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | 8.6 | - | <0.4 | - | 15 | - | 29 | - | 50 | - | <0.1 | - | 20 | - | 59 | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | 7.0 | - | <0.4 | - | 12 | - | 29 | - | 25 | - | <0.1 | - | 17 | - | 160 | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | 12 | - | <0.4 | - | 23 | - | 20 | - | 33 | - | <0.1 | - | 10 | - | 43 | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | 9.8 | - | <0.4 | - | 15 | - | 31 | - | 38 | - | <0.1 | - | 21 | - | 73 | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | Metals & Metalloids | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Arsenic | | Cadmium | | Chromium (III+VI) | | Copper | | Lead | | Mercury | | Nickel | | Zinc | | Zinc | |
| | | | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L |
| EQL | | | 2 | 0.01 | 0.4 | 0.005 | 1 | 0.05 | 1 | 0.05 | 1 | 0.01 | 0.1 | 0.001 | 1 | 0.01 | 1 | 0.05 | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | 100 | | 20 | | 100 | | | | 100 | | 4 | | 40 | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | 500 | | 100 | | 1,900 | | | | 1,500 | | 50 | | 1,050 | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | 5 | | 1 | | 5 | | | | 5 | | 0.2 | | 2 | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | 400 | | 80 | | 400 | | | | 400 | | 16 | | 160 | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | 2,000 | | 400 | | 7,600 | | | | 6,000 | | 200 | | 4,200 | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | 20 | | 4 | | 20 | | | | 20 | | 0.8 | | 8 | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | 25 | - | <0.4 | - | 13 | - | 26 | - | 23 | - | <0.1 | - | 9.0 | - | 43 | - | | |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | 16 | - | <0.4 | - | 16 | - | 40 | - | 42 | - | <0.1 | - | 38 | - | 77 | - | | |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | 24 | - | <0.4 | - | 13 | - | 33 | - | 28 | - | <0.1 | - | 28 | - | 75 | - | | |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | 35 | - | <0.4 | - | 18 | - | 37 | - | 49 | - | <0.1 | - | 33 | - | 150 | - | | |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | 8.4 | - | <0.4 | - | 19 | - | 31 | - | 86 | - | <0.1 | - | 21 | - | 65 | - | | |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | <0.01 | - | <0.005 | - | <0.05 | - | <0.05 | - | 0.02 | - | <0.001 | - | <0.01 | - | <0.05 | | |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | 8.8 | - | <0.4 | - | 35 | - | 44 | - | 330 | - | <0.1 | - | 39 | - | 120 | - | | |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | 9.2 | - | <0.4 | - | 18 | - | 28 | - | 37 | - | <0.1 | - | 18 | - | 48 | - | | |
| QC20240613_01 | 13 Jun 2024 | 1108483 | 6.1 | - | <0.4 | - | 16 | - | 41 | - | 48 | - | <0.1 | - | 27 | - | 73 | - | | |
| QA20240613_01 | 13 Jun 2024 | 354015-A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QA20240613_01 | 13 Jun 2024 | 354015 | 6 | - | <0.4 | - | 20 | - | 34 | - | 70 | - | <0.1 | - | 26 | - | 47 | - | | |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | 11 | - | <0.4 | - | 20 | - | 32 | - | 97 | - | <0.1 | - | 20 | - | 51 | - | | |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | Metals & Metalloids | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Arsenic | | Cadmium | | Chromium (III+VI) | | Copper | | Lead | | Mercury | | Nickel | | Zinc | | Zinc | |
| | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | | |
| EQL | 2 | 0.01 | 0.4 | 0.005 | 1 | 0.05 | 1 | 0.05 | 1 | 0.01 | 0.1 | 0.001 | 1 | 0.01 | 1 | 0.05 | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 100 | | 20 | | 100 | | | | 100 | | 4 | | 40 | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 500 | | 100 | | 1,900 | | | | 1,500 | | 50 | | 1,050 | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | 5 | | 1 | | 5 | | | | 5 | | 0.2 | | 2 | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 400 | | 80 | | 400 | | | | 400 | | 16 | | 160 | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 2,000 | | 400 | | 7,600 | | | | 6,000 | | 200 | | 4,200 | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | 20 | | 4 | | 20 | | | | 20 | | 0.8 | | 8 | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | - | <0.01 | - | <0.005 | - | <0.05 | - | <0.05 | - | <0.01 | - | <0.001 | - | <0.01 | - | <0.05 |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | 6.3 | - | <0.4 | - | 23 | - | 46 | - | 110 | - | <0.1 | - | 41 | - | 82 | - |
| QC20240613_02 | 13 Jun 2024 | 1108483 | 5.8 | - | <0.4 | - | 19 | - | 40 | - | 81 | - | <0.1 | - | 38 | - | 75 | - |
| QA20240613_02 | 13 Jun 2024 | 354015 | <4 | - | <0.4 | - | 7 | - | 41 | - | 35 | - | <0.1 | - | 28 | - | 34 | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | TPHs (NEPC 1999) | | | | | TRHs (NEPC 2013) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C6-C9 Fraction | C10-C14 Fraction | C15-C28 Fraction | C29-C36 Fraction | C10-C36 Fraction (Sum of Total) | C6-C10 | C10-C16 | C16-C34 | C34-C40 | C10-C40 (Sum of total) | F1 (C6-C10 minus BTEX) | F2 (C10-C16 less Naphthalene) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 20 | 20 | 50 | 50 | 50 | 20 | 50 | 100 | 100 | 50 | 20 | 50 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 650 | | | | 10,000 | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 650 | | | | 10,000 | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 2,600 | | | | 40,000 | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 2,600 | | | | 40,000 | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <20 | <20 | 700 | <50 | 700 | <20 | <50 | 700 | <100 | 700 | <20 | <50 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | 72 | 72 | <20 | <50 | <100 | 140 | 140 | <20 | <50 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | TPHs (NEPC 1999) | | | | | TRHs (NEPC 2013) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C6-C9 Fraction | C10-C14 Fraction | C15-C28 Fraction | C29-C36 Fraction | C10-C36 Fraction (Sum of Total) | C6-C10 | C10-C16 | C16-C34 | C34-C40 | C10-C40 (Sum of total) | F1 (C6-C10 minus BTEX) | F2 (C10-C16 less Naphthalene) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 20 | 20 | 50 | 50 | 50 | 20 | 50 | 100 | 100 | 50 | 20 | 50 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 650 | | | | 10,000 | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 650 | | | | 10,000 | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 2,600 | | | | 40,000 | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 2,600 | | | | 40,000 | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <20 | <20 | 700 | <50 | 700 | <20 | <50 | 700 | <100 | 700 | <20 | <50 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | 72 | 72 | <20 | <50 | <100 | 140 | 140 | <20 | <50 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| QC01 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| QA01 | 12 Jun 2024 | 354015 | <25 | <50 | <100 | <100 | <50 | <25 | <50 | <100 | <100 | <50 | <25 | <50 |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | TPHs (NEPC 1999) | | | | | TRHs (NEPC 2013) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C6-C9 Fraction | C10-C14 Fraction | C15-C28 Fraction | C29-C36 Fraction | C10-C36 Fraction (Sum of Total) | C6-C10 | C10-C16 | C16-C34 | C34-C40 | C10-C40 (Sum of total) | F1 (C6-C10 minus BTEX) | F2 (C10-C16 less Naphthalene) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 20 | 20 | 50 | 50 | 50 | 20 | 50 | 100 | 100 | 50 | 20 | 50 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 650 | | | | 10,000 | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 650 | | | | 10,000 | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 2,600 | | | | 40,000 | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 2,600 | | | | 40,000 | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <20 | <20 | 700 | <50 | 700 | <20 | <50 | 700 | <100 | 700 | <20 | <50 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | 72 | 72 | <20 | <50 | <100 | 140 | 140 | <20 | <50 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | 66 | 66 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | 100 | 100 | <20 | <50 | 110 | <100 | 110 | <20 | <50 |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015-A | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | TPHs (NEPC 1999) | | | | | TRHs (NEPC 2013) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C6-C9 Fraction | C10-C14 Fraction | C15-C28 Fraction | C29-C36 Fraction | C10-C36 Fraction (Sum of Total) | C6-C10 | C10-C16 | C16-C34 | C34-C40 | C10-C40 (Sum of total) | F1 (C6-C10 minus BTEX) | F2 (C10-C16 less Naphthalene) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 20 | 20 | 50 | 50 | 50 | 20 | 50 | 100 | 100 | 50 | 20 | 50 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 650 | | | | 10,000 | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 650 | | | | 10,000 | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 2,600 | | | | 40,000 | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 2,600 | | | | 40,000 | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <20 | <20 | 700 | <50 | 700 | <20 | <50 | 700 | <100 | 700 | <20 | <50 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | 72 | 72 | <20 | <50 | <100 | 140 | 140 | <20 | <50 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_02 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| QA20240613_02 | 13 Jun 2024 | 354015 | <25 | <50 | <100 | <100 | <50 | <25 | <50 | <100 | 150 | 150 | <25 | <50 |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | <20 | 20 | 52 | 68 | 140 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | <20 | <20 | <50 | <50 | <50 | <20 | <50 | <100 | <100 | <100 | <20 | <50 |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | BTEXN | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Benzene | | Toluene | | Ethylbenzene | | Xylene (o) | | Xylene (m & p) | | Xylene Total | | Naphthalene_VOC | |
| | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | |
| EQL | 0.1 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.2 | 0.002 | 0.3 | 0.003 | 0.5 | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 10 | | 288 | | 600 | | | | | | 1,000 | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 18 | | 518 | | 1,080 | | | | | | 1,800 | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | 0.5 | | 14.4 | | 30 | | | | | | 50 | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 40 | | 1,152 | | 2,400 | | | | | | 4,000 | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 72 | | 2,073 | | 4,320 | | | | | | 7,200 | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | 2 | | 57.6 | | 120 | | | | | | 200 | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | BTEXN | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Benzene | | Toluene | | Ethylbenzene | | Xylene (o) | | Xylene (m & p) | | Xylene Total | | Naphthalene_VOC | |
| | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | |
| EQL | 0.1 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.2 | 0.002 | 0.3 | 0.003 | 0.5 | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | 10 | | 288 | | 600 | | | | | | 1,000 | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | 18 | | 518 | | 1,080 | | | | | | 1,800 | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | 0.5 | | 14.4 | | 30 | | | | | | 50 | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | 40 | | 1,152 | | 2,400 | | | | | | 4,000 | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | 72 | | 2,073 | | 4,320 | | | | | | 7,200 | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | 2 | | 57.6 | | 120 | | | | | | 200 | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| QC01 | 12 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| QA01 | 12 Jun 2024 | 354015 | <0.2 | - | <0.5 | - | <1 | - | <1 | - | <2 | - | <1 | - | <1 |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | BTEXN | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Benzene | | Toluene | | Ethylbenzene | | Xylene (o) | | Xylene (m & p) | | Xylene Total | | Naphthalene_VOC | |
| | | | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | |
| EQL | | | 0.1 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.2 | 0.002 | 0.3 | 0.003 | 0.5 | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | 10 | | 288 | | 600 | | | | | | 1,000 | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | 18 | | 518 | | 1,080 | | | | | | 1,800 | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | 0.5 | | 14.4 | | 30 | | | | | | 50 | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | 40 | | 1,152 | | 2,400 | | | | | | 4,000 | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | 72 | | 2,073 | | 4,320 | | | | | | 7,200 | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | 2 | | 57.6 | | 120 | | | | | | 200 | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| QA20240613_01 | 13 Jun 2024 | 354015-A | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | BTEXN | | | | | | | | | | | | | | |
| | | | Benzene | | Toluene | | Ethylbenzene | | Xylene (o) | | Xylene (m & p) | | Xylene Total | | Naphthalene_VOC | | |
| | | | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | mg/L | mg/kg | | |
| EQL | | | 0.1 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.1 | 0.001 | 0.2 | 0.002 | 0.3 | 0.003 | 0.5 | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | 10 | | 288 | | 600 | | | | | | 1,000 | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | 18 | | 518 | | 1,080 | | | | | | 1,800 | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | 0.5 | | 14.4 | | 30 | | | | | | 50 | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | 40 | | 1,152 | | 2,400 | | | | | | 4,000 | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | 72 | | 2,073 | | 4,320 | | | | | | 7,200 | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | 2 | | 57.6 | | 120 | | | | | | 200 | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QC20240613_02 | 13 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| QA20240613_02 | 13 Jun 2024 | 354015 | <0.2 | - | <0.5 | - | <1 | - | <1 | - | <2 | - | <1 | - | <1 | | |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | | |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | <0.1 | - | <0.1 | - | <0.1 | - | <0.1 | - | <0.2 | - | <0.3 | - | <0.5 | | |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | | |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | | |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | | |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | <0.5 | | |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | | |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | PAH | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PAHs (Sum of positives) | Acenaphthene | Acenaphthylene | Anthracene | Benz(a)anthracene | Benzo(a)pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ calc (Half) | Benzo(a)pyrene TEQ calc (Zero) | Benzo(b+j)fluoranthene | Benzo(b+j+k)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | PAHs (Sum of total) |
| | | | µg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | 0.8 | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | 10 | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | 3.2 | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | 23 | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | | PAH | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PAHs (sum of positives) | Acenaphthene | Acenaphthylene | Anthracene | Benz(a)anthracene | Benzo(a)pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ calc (Half) | Benzo(a)pyrene TEQ calc (Zero) | Benzo(b+j)fluoranthene | Benzo(b+j+k)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | PAHs (Sum of total) |
| | | | µg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | 0.8 | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | 10 | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | 3.2 | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | 23 | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QC01 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QA01 | 12 Jun 2024 | 354015 | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.05 | <0.5 | <0.5 | <0.5 | - | <0.2 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | | PAH | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | PAHs (Sum of positives) | Acenaphthene | Acenaphthylene | Anthracene | Benz(a)anthracene | Benzo(a)pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ calc (Half) | Benzo(a)pyrene TEQ calc (Zero) | Benzo(b+j)fluoranthene | Benzo(b+j+k)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | PAHs (Sum of total) |
| | | | µg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | 0.8 | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | 10 | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | 3.2 | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | 23 | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QA20240613_01 | 13 Jun 2024 | 354015-A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | 2,800 | <0.1 | <0.1 | <0.1 | 0.3 | 0.3 | <0.5 | <0.5 | <0.5 | - | 0.5 | 0.2 | - | 0.2 | <0.1 | 0.5 | <0.1 | 0.3 | <0.1 | <0.1 | 0.5 | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | | PAH | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | PAHs (Sum of positives) | Acenaphthene | Acenaphthylene | Anthracene | Benz(a)anthracene | Benzo(a)pyrene | Benzo(a)pyrene TEQ (LOR) | Benzo(a)pyrene TEQ calc (Half) | Benzo(a)pyrene TEQ calc (Zero) | Benzo(b+j)fluoranthene | Benzo(b+j+k)fluoranthene | Benzo(g,h,i)perylene | Benzo(k)fluoranthene | Chrysene | Dibenz(a,h)anthracene | Fluoranthene | Fluorene | Indeno(1,2,3-c,d)pyrene | Naphthalene | Phenanthrene | Pyrene | PAHs (Sum of total) |
| | | | | µg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | | 50 | 0.1 | 0.1 | 0.1 | 0.1 | 0.05 | 0.5 | 0.5 | 0.5 | 0.5 | 0.2 | 0.1 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.5 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | 0.8 | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | 10 | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | 3.2 | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | 23 | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_02 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_02 | 13 Jun 2024 | 354015 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QC20240613_03 | 13 Jun 2024 | 1108483 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| QA20240613_03 | 13 Jun 2024 | 354015 | | <50 | <0.1 | <0.1 | <0.1 | <0.1 | <0.05 | <0.5 | <0.5 | <0.5 | - | <0.2 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | 0.6 | <0.5 | 0.7 | <0.5 | <0.5 | <0.5 | <0.5 | 0.7 | 2.0 |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | 1.2 | 0.6 | <0.5 | <0.5 | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | Organochlorine Pesticides | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4,4-DDE | a-BHC | b-BHC | d-BHC | g-BHC (Lindane) | Aldrin | Dieldrin | Aldrin + Dieldrin | Chlordane | Chlordane (cis) | Chlordane (trans) | DDT | DDD | DDT+DDE+DDD | Endosulfan I | Endosulfan II | Endosulfan sulphate | Endrin | Endrin aldehyde | Endrin ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Mirex | Toxaphene |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | Organochlorine Pesticides | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 4,4-DDE | a-BHC | b-BHC | d-BHC | g-BHC (Lindane) | Aldrin | Dieldrin | Aldrin + Dieldrin | Chlordane | Chlordane (cis) | Chlordane (trans) | DDT | DDD | DDT+DDE+DDD | Endosulfan I | Endosulfan II | Endosulfan sulphate | Endrin | Endrin aldehyde | Endrin ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Mirex | Toxaphene |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC01 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA01 | 12 Jun 2024 | 354015 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | - |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.5 |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | Organochlorine Pesticides | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 4,4-DDE | a-BHC | b-BHC | d-BHC | g-BHC (Lindane) | Aldrin | Dieldrin | Aldrin + Dieldrin | Chlordane | Chlordane (cis) | Chlordane (trans) | DDT | DDD | DDT+DDE+DDD | Endosulfan I | Endosulfan II | Endosulfan sulphate | Endrin | Endrin aldehyde | Endrin ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Mirex | Toxaphene |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015-A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | Organochlorine Pesticides | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 4,4-DDE | a-BHC | b-BHC | d-BHC | g-BHC (Lindane) | Aldrin | Dieldrin | Aldrin + Dieldrin | Chlordane | Chlordane (cis) | Chlordane (trans) | DDT | DDD | DDT+DDE+DDD | Endosulfan I | Endosulfan II | Endosulfan sulphate | Endrin | Endrin aldehyde | Endrin ketone | Heptachlor | Heptachlor Epoxide | Methoxychlor | Mirex | Toxaphene |
| | | | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | | | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.1 | 0.1 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 0.1 | 0.5 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 |
| QC20240613_02 | 13 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 |
| QA20240613_02 | 13 Jun 2024 | 354015 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | - | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | - | <0.1 | <0.1 | <0.1 | <0.1 | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <1 | - | - | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | <0.5 | - | <10 |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.1 | - | - | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | <0.05 | - | <0.5 |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | Polychlorinated Biphenyls | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Arochlor 1016 | Arochlor 1221 | Arochlor 1232 | Arochlor 1242 | Arochlor 1248 | Arochlor 1254 | Arochlor 1260 | PCBs (Sum of total) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | 50 |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | 50 |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | 50 |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | 50 |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | Polychlorinated Biphenyls | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Arochlor 1016 | Arochlor 1221 | Arochlor 1232 | Arochlor 1242 | Arochlor 1248 | Arochlor 1254 | Arochlor 1260 | PCBs (Sum of total) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | 50 |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | 50 |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | 50 |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | 50 |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QC01 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QA01 | 12 Jun 2024 | 354015 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | Polychlorinated Biphenyls | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Arochlor 1016 | Arochlor 1221 | Arochlor 1232 | Arochlor 1242 | Arochlor 1248 | Arochlor 1254 | Arochlor 1260 | PCBs (Sum of total) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | 50 |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | 50 |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | 50 |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | 50 |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015-A | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | Polychlorinated Biphenyls | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Arochlor 1016 | Arochlor 1221 | Arochlor 1232 | Arochlor 1242 | Arochlor 1248 | Arochlor 1254 | Arochlor 1260 | PCBs (Sum of total) |
| | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg | mg/kg |
| EQL | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | 50 |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | 50 |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | 50 |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | 50 |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| QC20240613_02 | 13 Jun 2024 | 1108483 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| QA20240613_02 | 13 Jun 2024 | 354015 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | PFAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluorobutanoic acid (PFBA) | | Perfluoropentanoic acid (PFPeA) | | Perfluorohexanoic acid (PFHxA) | | Perfluoroheptanoic acid (PFHpA) | | Perfluorooctanoic acid (PFOA) | | Perfluorononanoic acid (PFNA) | | Perfluorodecanoic acid (PFDA) | | Perfluoroundecanoic acid (PFUnDA) | | Perfluorododecanoic acid (PFDoDA) | | Perfluorotridecanoic acid (PFTrDA) | | Perfluorotetradecanoic acid (PFTeDA) | | Perfluorooctane sulfonamide (FOSA) | | N-Methyl perfluorooctane sulfonamide (NMeFOSA) | | N-Ethyl perfluorooctane sulfonamide (NEtFOSA) | | N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE) | | N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE) | | N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA) | |
| | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg |
| EQL | 0.02 | 0.0002 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0005 | 0.02 | 0.0005 | 0.05 | 0.0005 | 0.1 | 0.0005 | 0.5 | 0.005 | 0.1 | 0.001 | 0.05 | 0.001 | 0.1 | 0.001 | 0.05 | 0.001 | 0.5 | 0.005 | 0.02 | 0.0002 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | 500 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | 72 | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | PFAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluorobutanoic acid (PFBA) | | Perfluoropentanoic acid (PFPeA) | | Perfluorohexanoic acid (PFHxA) | | Perfluoroheptanoic acid (PFHpA) | | Perfluorooctanoic acid (PFOA) | | Perfluorononanoic acid (PFNA) | | Perfluorodecanoic acid (PFDA) | | Perfluoroundecanoic acid (PFUnDA) | | Perfluorododecanoic acid (PFDoDA) | | Perfluorotridecanoic acid (PFTrDA) | | Perfluorotetradecanoic acid (PFTeDA) | | Perfluorooctane sulfonamide (FOSA) | | N-Methyl perfluorooctane sulfonamide (NMeFOSA) | | N-Ethyl perfluorooctane sulfonamide (NEtFOSA) | | N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE) | | N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE) | | N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA) | |
| | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg |
| EQL | 0.02 | 0.0002 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0005 | 0.02 | 0.0005 | 0.05 | 0.0005 | 0.1 | 0.0005 | 0.5 | 0.005 | 0.1 | 0.001 | 0.05 | 0.001 | 0.1 | 0.001 | 0.05 | 0.001 | 0.5 | 0.005 | 0.02 | 0.0002 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | 18 | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | 500 | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | 72 | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | 2,000 | | | | | | | | | | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| QC01 | 12 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| QA01 | 12 Jun 2024 | 354015 | - | <0.0002 | - | <0.0002 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0005 | - | <0.0005 | - | <0.0005 | - | <0.0005 | - | <0.0005 | - | <0.001 | - | <0.001 | - | <0.001 | - | <0.001 | - | <0.005 | - | <0.0002 |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | PFAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Perfluorobutanoic acid (PFBA) | | Perfluoropentanoic acid (PFPeA) | | Perfluorohexanoic acid (PFHxA) | | Perfluoroheptanoic acid (PFHpA) | | Perfluorooctanoic acid (PFOA) | | Perfluorononanoic acid (PFNA) | | Perfluorodecanoic acid (PFDA) | | Perfluoroundecanoic acid (PFUnDA) | | Perfluorododecanoic acid (PFDoDA) | | Perfluorotridecanoic acid (PFTrDA) | | Perfluorotetradecanoic acid (PFTeDA) | | Perfluorooctane sulfonamide (FOSA) | | N-Methyl perfluorooctane sulfonamide (NMeFOSA) | | N-Ethyl perfluorooctane sulfonamide (NEtFOSA) | | N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE) | | N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE) | | N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA) | |
| | | | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg |
| EQL | | | 0.02 | 0.0002 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0005 | 0.02 | 0.0005 | 0.05 | 0.0005 | 0.1 | 0.0005 | 0.5 | 0.005 | 0.1 | 0.001 | 0.05 | 0.001 | 0.1 | 0.001 | 0.05 | 0.001 | 0.5 | 0.005 | 0.02 | 0.0002 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | 500 | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | 72 | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| QA20240613_01 | 13 Jun 2024 | 354015-A | <0.02 | - | <0.02 | - | <0.01 | - | <0.01 | - | <0.01 | - | <0.01 | - | <0.02 | - | <0.02 | - | <0.05 | - | <0.1 | - | <0.5 | - | <0.1 | - | <0.05 | - | <0.1 | - | <0.05 | - | <0.5 | - | <0.02 | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | <0.0002 | - | <0.0002 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0005 | - | <0.0005 | - | <0.0005 | - | <0.0005 | - | <0.005 | - | <0.001 | - | <0.001 | - | <0.001 | - | <0.001 | - | <0.005 | - | <0.0002 |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | PFAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluorobutanoic acid (PFBA) | | Perfluoropentanoic acid (PFPeA) | | Perfluorohexanoic acid (PFHxA) | | Perfluoroheptanoic acid (PFHpA) | | Perfluorooctanoic acid (PFOA) | | Perfluorononanoic acid (PFNA) | | Perfluorodecanoic acid (PFDA) | | Perfluoroundecanoic acid (PFUnDA) | | Perfluorododecanoic acid (PFDoDA) | | Perfluorotridecanoic acid (PFTrDA) | | Perfluorotetradecanoic acid (PFTeDA) | | Perfluorooctane sulfonamide (FOSA) | | N-Methyl perfluorooctane sulfonamide (NMeFOSA) | | N-Ethyl perfluorooctane sulfonamide (NEtFOSA) | | N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE) | | N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE) | | N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA) | |
| | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg |
| EQL | 0.02 | 0.0002 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0005 | 0.02 | 0.0005 | 0.05 | 0.0005 | 0.1 | 0.0005 | 0.5 | 0.005 | 0.1 | 0.001 | 0.05 | 0.001 | 0.1 | 0.001 | 0.05 | 0.001 | 0.5 | 0.005 | 0.02 | 0.0002 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | 18 | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | 500 | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | 72 | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | 2,000 | | | | | | | | | | | | | | | | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 |
| QC20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | PFAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | | Perfluoropropanesulfonic acid (PFPrS) | | Perfluorobutanesulfonic acid (PFBS) | | Perfluoropentanesulfonic acid (PFPeS) | | Perfluorohexanesulfonic acid (PFHxS) | | Perfluoroheptane sulfonic acid (PFHpS) | | Perfluorooctanesulfonic acid (PFOS) | | Perfluorodecanesulfonic acid (PFDS) | | 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA) | | 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA) | | 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA) | | 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA) | | Sum of PFHxS and PFOS | | Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | | Sum of US EPA PFAS (PFOS + PFOA)* | | Sum of WA DWER PFAS (n=10)* | | Sum of PFAS | | Perfluorononanesulfonic acid Non |
| | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg |
| EQL | 0.02 | 0.0002 | 0.005 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0002 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.005 | 0.01 | 0.0001 | 0.01 | 0.01 | 0.0001 | 0.005 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | 1.8 | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | 7.2 | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | 200 | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | PFAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | | Perfluoropropanesulfonic acid (PFPrS) | | Perfluorobutanesulfonic acid (PFBS) | | Perfluoropentanesulfonic acid (PFPeS) | | Perfluorohexanesulfonic acid (PFHxS) | | Perfluoroheptane sulfonic acid (PFHpS) | | Perfluorooctanesulfonic acid (PFOS) | | Perfluorodecanesulfonic acid (PFDS) | | 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA) | | 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA) | | 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA) | | 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA) | | Sum of PFHxS and PFOS | | Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | | Sum of US EPA PFAS (PFOS + PFOA)* | | Sum of WA DWER PFAS (n=10)* | | Sum of PFAS | | Perfluorononanesulfonic acid ion |
| | | | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | mg/KG | µg/L | mg/kg | mg/kg |
| EQL | | | 0.02 | 0.0002 | 0.005 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0002 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.005 | 0.01 | 0.0001 | 0.01 | 0.01 | 0.0001 | 0.005 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.8 | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7.2 | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | 200 | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| QC01 | 12 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| QA01 | 12 Jun 2024 | 354015 | - | <0.0002 | - | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0002 | - | <0.0001 | - | <0.0001 | - | <0.0002 | - | <0.0002 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | PFAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | | Perfluoropropanesulfonic acid (PFPrS) | | Perfluorobutanesulfonic acid (PFBS) | | Perfluoropentanesulfonic acid (PFPeS) | | Perfluorohexanesulfonic acid (PFHxS) | | Perfluoroheptane sulfonic acid (PFHpS) | | Perfluorooctanesulfonic acid (PFOS) | | Perfluorodecanesulfonic acid (PFDS) | | 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA) | | 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA) | | 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA) | | 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA) | | Sum of PFHxS and PFOS | | Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | | Sum of US EPA PFAS (PFOS + PFOA)* | | Sum of WA DWER PFAS (n=10)* | | Sum of PFAS | | Perfluorononanesulfonic acid ion |
| | | | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | mg/KG | µg/L | mg/kg | µg/L | mg/kg |
| EQL | | | 0.02 | 0.0002 | 0.005 | | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0002 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.005 | | 0.01 | 0.0001 | 0.01 | 0.01 | 0.0001 | 0.005 | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1.8 | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7.2 | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | | | 200 | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 | | |
| QA20240613_01 | 13 Jun 2024 | 354015-A | <0.02 | - | - | <0.01 | - | <0.01 | - | <0.01 | - | <0.01 | - | <0.01 | - | <0.02 | - | <0.01 | - | <0.01 | - | <0.02 | - | <0.02 | - | <0.02 | - | <0.02 | - | <0.01 | - | <0.01 | - | <0.01 | - | <0.01 | - | <0.01 | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | <0.0002 | - | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | <0.0001 | - | 0.0001 | - | <0.0002 | - | <0.0001 | - | <0.0001 | - | <0.0002 | - | <0.0002 | - | <0.0002 | - | 0.0001 | - | - | 0.0001 | - | - | 0.0001 | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | PFAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA) | | Perfluoropropanesulfonic acid (PFPrS) | | Perfluorobutanesulfonic acid (PFBS) | | Perfluoropentanesulfonic acid (PFPeS) | | Perfluorohexanesulfonic acid (PFHxS) | | Perfluoroheptane sulfonic acid (PFHpS) | | Perfluorooctanesulfonic acid (PFOS) | | Perfluorodecanesulfonic acid (PFDS) | | 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA) | | 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA) | | 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA) | | 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA) | | Sum of PFHxS and PFOS | | Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | | Sum of US EPA PFAS (PFOS + PFOA)* | | Sum of WA DWER PFAS (n=10)* | | Sum of PFAS | | Perfluorononanesulfonic acid ion |
| | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | µg/L | mg/kg | mg/KG | µg/L | mg/kg | mg/kg |
| EQL | 0.02 | 0.0002 | 0.005 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.01 | 0.0001 | 0.02 | 0.0002 | 0.02 | 0.0002 | 0.01 | 0.0001 | 0.005 | 0.01 | 0.0001 | 0.01 | 0.01 | 0.0001 | 0.005 |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | 1.8 | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | | 7.2 | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | 200 | | | | | | | | |

| Field ID | Date | Lab Report Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | - | <0.01 | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.005 | - | <0.01 | - | <0.005 | - | <0.005 | - | <0.005 | <0.005 | <0.005 | - | <0.005 | <0.01 | - | <0.05 | <0.005 |
| QC20240613_02 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | Chlorinated Benzenes | Asbestos - Eurofins | | | | | | | | | | | | | | | | | | Asbestos - Envirolab | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Hexachlorobenzene | Approximate Sample Mass | Asbestos Sample Dimensions | Mass ACM | Mass Asbestos in ACM | Asbestos from ACM in Soil | Mass FA | Mass Asbestos in FA | Mass AF | Mass asbestos in AF | Mass Asbestos in FA & AF | ACM - Comment | FA- Comment | AF - Comment | Organic Fibres - Comment | Respirable Fibres - Comment | Synthetic Fibres - Comment | Asbestos Reported Result | Asbestos FA & AF in Soil | Asbestos ID in Soil | Total Asbestos | Asbestos (ACM >7mm) Estimation | Asbestos in soil (<2mm AF/FA) %w/w) |
| | | | mg/kg | g | Comment | g | g | % (w/w) | g | g | g | g | g | Comment | Comment | Comment | Comment | Comment | Comment | Comment | % (w/w) | g/kg | g/kg | % (w/w) | % (w/w) |
| EQL | | | 0.05 | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP01_0.6-0.7 | 12 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP02_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.0-0.2 | 12 Jun 2024 | 1108483 | - | 675 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP03_0.2-0.3 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_0.2-0.6 | 12 Jun 2024 | 1108483 | - | 642 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP03_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.2-1.8 | 12 Jun 2024 | 1108483 | - | 693 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP03_1.5-1.6 | 12 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_1.8-2.4 | 12 Jun 2024 | 1108483 | - | 771 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP03_1.9-2.0 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP03_2.4-3.2 | 12 Jun 2024 | 1108483 | - | 805 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP03_2.5-2.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_0.0-0.3 | 12 Jun 2024 | 1108483 | - | 563 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP04_0.3-1.0 | 12 Jun 2024 | 1108483 | - | 577 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP04_0.5-0.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | Chlorinated Benzenes | Asbestos - Eurofins | | | | | | | | | | | | | | | | | | Asbestos - Envirolab | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Hexachlorobenzene | Approximate Sample Mass | Asbestos Sample Dimensions | Mass ACM | Mass Asbestos in ACM | Asbestos from ACM in Soil | Mass FA | Mass Asbestos in FA | Mass AF | Mass asbestos in AF | Mass Asbestos in FA & AF | ACM - Comment | FA- Comment | AF - Comment | Organic Fibres - Comment | Respirable Fibres - Comment | Synthetic Fibres - Comment | Asbestos Reported Result | Asbestos FA & AF in Soil | Asbestos ID in Soil | Total Asbestos | Asbestos (ACM >7mm) Estimation | Asbestos in soil (<2mm AF/FA) %w/w) |
| | | | mg/kg | g | Comment | g | g | % (w/w) | g | g | g | g | g | Comment | Comment | Comment | Comment | Comment | Comment | Comment | % (w/w) | g/kg | g/kg | % (w/w) | % (w/w) |
| EQL | | | 0.05 | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_1.0-1.5 | 12 Jun 2024 | 1108483 | - | 574 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP04_1.5-2.4 | 12 Jun 2024 | 1108483 | - | 592 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP04_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP04_2.4-3.2 | 12 Jun 2024 | 1108483 | - | 714 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP04_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC01 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA01 | 12 Jun 2024 | 354015 | <0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 564 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP05_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP05_1.0-2.0 | 12 Jun 2024 | 1108483 | - | 632 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP05_2.0-2.5 | 12 Jun 2024 | 1108483 | - | 583 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP06_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 673 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP06_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_1.0-2.0 | 12 Jun 2024 | 1108483 | - | 616 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP06_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP06_2.0-2.4 | 12 Jun 2024 | 1108483 | - | 957 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP06_2.4-3.2 | 12 Jun 2024 | 1108483 | - | 601 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP06_3.0-3.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP07_0.0-0.5 | 12 Jun 2024 | 1108483 | - | 623 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP07_0.4-0.5 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 635 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP08_1.0-2.0 | 12 Jun 2024 | 1108483 | - | 625 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP08_1.1-1.2 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP08_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 653 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP09_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.0-1.5 | 12 Jun 2024 | 1108483 | - | 726 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP09_1.5-1.6 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP09_1.5-1.9 | 12 Jun 2024 | 1108483 | - | 653 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP10_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP10_0.0-0.8 | 12 Jun 2024 | 1108483 | - | 619 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP11_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP11_0.3-0.4 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP12_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 627 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP13_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 564 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP13_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_1.0-2.0 | 12 Jun 2024 | 1108483 | - | 743 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | Chlorinated Benzenes | Asbestos - Eurofins | | | | | | | | | | | | | | | | | | Asbestos - Envirolab | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Hexachlorobenzene | Approximate Sample Mass | Asbestos Sample Dimensions | Mass ACM | Mass Asbestos in ACM | Asbestos from ACM in Soil | Mass FA | Mass Asbestos in FA | Mass AF | Mass asbestos in AF | Mass Asbestos in FA & AF | ACM - Comment | FA- Comment | AF - Comment | Organic Fibres - Comment | Respirable Fibres - Comment | Synthetic Fibres - Comment | Asbestos Reported Result | Asbestos FA & AF in Soil | Asbestos ID in Soil | Total Asbestos | Asbestos (ACM >7mm) Estimation | Asbestos in soil (<2mm AF/FA) |
| | | | mg/kg | g | Comment | g | g | % (w/w) | g | g | g | g | g | Comment | Comment | Comment | Comment | Comment | Comment | Comment | % (w/w) | g/kg | g/kg | % (w/w) | % (w/w) |
| EQL | | | 0.05 | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP13_2.0-2.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_0.0-1.0 | 13 Jun 2024 | 1108483 | - | 598 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP14_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP14_1.0-1.5 | 13 Jun 2024 | 1108483 | - | 647 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP14_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.0-1.0 | 13 Jun 2024 | 1108483 | - | 565 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP15_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP15_0.9-1.0 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.0-1.0 | 13 Jun 2024 | 1108483 | - | 575 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| QAAQ20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | <0.1 | <0.01 | <0.001 |
| QCAQ20240613_01 | 13 Jun 2024 | 1108483 | - | 517 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP16_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_01 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015-A | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_01 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP16_1.0-1.8 | 13 Jun 2024 | 1108483 | - | 606 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP16_1.7-1.8 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_0.0-1.0 | 13 Jun 2024 | 1108483 | - | 554 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP17_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-1.1 | 13 Jun 2024 | 1108483 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP17_1.0-2.0 | 13 Jun 2024 | 1108483 | - | 629 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP17_1.5-1.6 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP18_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_0.0-1.0 | 13 Jun 2024 | 1108483 | - | 690 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| QCAQ20240613_02 | 13 Jun 2024 | 1108483 | - | 721 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |

TABLE C - Preliminary Waste Classifcation Table
Project Number: 68310 Project Name:
Honeman Close Huntingwood

| | | | Chlorinated Benzenes | Asbestos - Eurofins | | | | | | | | | | | | | | | | | | Asbestos - Envirolab | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Hexachlorobenzene | Approximate Sample Mass | Asbestos Sample Dimensions | Mass ACM | Mass Asbestos in ACM | Asbestos from ACM in Soil | Mass FA | Mass Asbestos in FA | Mass AF | Mass asbestos in AF | Mass Asbestos in FA & AF | ACM - Comment | FA- Comment | AF - Comment | Organic Fibres - Comment | Respirable Fibres - Comment | Synthetic Fibres - Comment | Asbestos Reported Result | Asbestos FA & AF in Soil | Asbestos ID in Soil | Total Asbestos | Asbestos (ACM >7mm) Estimation | Asbestos in soil (<2mm AF/FA) |
| | | | mg/kg | g | Comment | g | g | % (w/w) | g | g | g | g | g | Comment | Comment | Comment | Comment | Comment | Comment | Comment | % (w/w) | g/kg | g/kg | % (w/w) | % (w/w) |
| EQL | | | 0.05 | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste CT1 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste SCC1 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 General Solid Waste TCLP1 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste CT2 (No Leaching) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste SCC2 (with leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| NSW 2014 Restricted Solid Waste TCLP2 (leached) | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | | | | | | |
| JBMW01_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW01_0.5-0.6 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.4-0.5 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_0.9-1.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_1.9-2.0 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW02_4.0-4.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_3.1-3.2 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW03_4.2-4.3 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBMW04_0.0-0.1 | 12 Jun 2024 | 1109075 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QCAQ20240613_03 | 13 Jun 2024 | 1108483 | - | 420 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP19_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP19_1.0-1.5 | 13 Jun 2024 | 1108483 | - | 573 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP20_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.0-1.0 | 13 Jun 2024 | 1108483 | - | 392 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP20_0.4-0.5 | 12 Jun 2024 | 1111467 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_0.4-0.5 | 13 Jun 2024 | 1108483 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_02 | 13 Jun 2024 | 1108483 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_02 | 13 Jun 2024 | 354015 | <0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP20_1.0-1.5 | 13 Jun 2024 | 1108483 | - | 586 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP21_0.2-0.5 | 13 Jun 2024 | 1108483 | - | 386 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| QAAQ20240613_02 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | <0.1 | <0.01 | <0.001 |
| QAAQ20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0 | <0.1 | <0.01 | <0.001 |
| JBTP21_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QC20240613_03 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| QA20240613_03 | 13 Jun 2024 | 354015 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP22_0.0-1.0 | 13 Jun 2024 | 1108483 | - | 669 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP22_1.0-1.5 | 13 Jun 2024 | 1108483 | - | 573 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP25_0.0-0.1 | 12 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 764 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP25_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP25_1.0-1.8 | 12 Jun 2024 | 1108483 | - | 623 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP27_0.0-0.2 | 13 Jun 2024 | 1108483 | - | 522 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP27_0.2-0.5 | 13 Jun 2024 | 1108483 | - | 456 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP27_0.4-0.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_0.5-1.5 | 13 Jun 2024 | 1108483 | - | 628 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP27_1.4-1.5 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP27_1.5-1.8 | 13 Jun 2024 | 1108483 | - | 657 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP28_0.0-1.0 | 13 Jun 2024 | 1108483 | - | 520 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP29_0.0-0.8 | 13 Jun 2024 | 1108483 | - | 569 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP29_0.8-1.0 | 13 Jun 2024 | 1108483 | - | 505 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP30_0.1-0.2 | 13 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.0-0.1 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP31_0.3-0.4 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP32_0.1-0.2 | 13 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 750 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP33_1.0-1.1 | 12 Jun 2024 | 1108483 | <0.5 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP33_1.0-2.0 | 12 Jun 2024 | 1108483 | - | 768 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP33_2.0-3.0 | 12 Jun 2024 | 1108483 | - | 713 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP33_3.0-3.2 | 12 Jun 2024 | 1108483 | - | 693 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP34_0.0-0.1 | 13 Jun 2024 | 1108483 | <0.05 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-0.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_0.0-1.0 | 12 Jun 2024 | 1108483 | - | 630 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP35_1.0-1.1 | 12 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| JBTP35_1.0-1.5 | 12 Jun 2024 | 1108483 | - | 877 | - | 0.0000 | 0 | 0 | 0.0000 | 0 | 0.0000 | 0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | - | - | - | - |
| JBTP36_0.1-0.2 | 13 Jun 2024 | 1108483 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | Metals & Metalloids | | | | | | | | TPHs (NEPC 1999) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Arsenic (filtered) | Cadmium (filtered) | Chromium (III+VI) (filtered) | Copper (filtered) | Lead (filtered) | Mercury (filtered) | Nickel (filtered) | Zinc (filtered) | C6-C9 Fraction | C10-C14 Fraction | C15-C28 Fraction | C29-C36 Fraction | C10-C36 Fraction (Sum of Total) |
| | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| EQL | 0.001 | 0.0001 | 0.001 | 0.001 | 0.001 | 0.00005 | 0.001 | 0.001 | 0.01 | 0.05 | 0.1 | 0.1 | 0.05 |
| ANZG (2018) Freshwater 80% toxicant DGVs | 0.14 | 0.0008 | 0.04 | 0.0025 | 0.0094 | 0.0054 | 0.017 | 0.031 | | | | | |
| ANZG (2018) Freshwater 90% toxicant DGVs | 0.042 | 0.0004 | 0.006 | 0.0018 | 0.0056 | 0.0019 | 0.013 | 0.015 | | | | | |
| ANZG (2018) Freshwater 95% toxicant DGVs | 0.013 | 0.0002 | 0.001 | 0.0014 | 0.0034 | 0.0006 | 0.011 | 0.008 | | | | | |
| ANZG (2018) Freshwater 99% toxicant DGVs | 0.0008 | 0.00006 | 0.00001 | 0.001 | 0.001 | 0.00006 | 0.008 | 0.0024 | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.001 | <0.0001 | 0.001 | <0.005 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| JBMW02 | 17 Jun 2024 | 1109064 | 0.002 | <0.0002 | 0.005 | 0.001 | <0.001 | <0.0001 | 0.005 | <0.005 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| JBMW03 | 17 Jun 2024 | 1109064 | 0.012 | 0.0003 | <0.001 | <0.001 | <0.001 | <0.0001 | 0.014 | 0.011 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| JBMW04 | 17 Jun 2024 | 1109064 | 0.005 | <0.0002 | <0.001 | 0.002 | <0.001 | <0.0001 | 0.005 | <0.005 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.001 | <0.0001 | <0.001 | <0.005 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| QC02_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.001 | <0.00005 | 0.004 | 0.004 | <0.01 | <0.05 | <0.1 | <0.1 | <0.05 |
| **Surface Water** | | | | | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| SW02 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW03 | 17 Jun 2024 | 1109064 | <0.001 | <0.0002 | <0.001 | 0.001 | <0.001 | <0.0001 | <0.001 | <0.005 | - | - | - | - | - |
| SW04 | 17 Jun 2024 | 1109064 | 0.001 | <0.0002 | <0.001 | <0.001 | <0.001 | <0.0001 | 0.004 | 0.011 | 0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | <0.001 | <0.0002 | <0.001 | <0.001 | <0.001 | <0.0001 | 0.003 | 0.010 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| QC01_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.0001 | <0.001 | 0.001 | <0.001 | <0.00005 | 0.005 | 0.014 | <0.01 | <0.05 | <0.1 | <0.1 | <0.05 |
| SW05 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| SW06 | 17 Jun 2024 | 1109064 | <0.001 | <0.0002 | <0.001 | 0.002 | <0.001 | <0.0001 | 0.001 | <0.005 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| **Statistics** | | | | | | | | | | | | | | | |
| Number of Results | | | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 13 | 13 | 13 | 13 |
| Number of Detects | | | 4 | 1 | 1 | 5 | 0 | 0 | 9 | 5 | 1 | 0 | 0 | 0 | 0 |
| Minimum Concentration | | | 0.001 | <0.0001 | <0.001 | 0.001 | <0.001 | <0.00005 | 0.001 | 0.004 | <0.01 | <0.05 | <0.1 | <0.1 | <0.05 |
| Minimum Detect | | | 0.001 | 0.0003 | 0.005 | 0.001 | ND | ND | 0.001 | 0.004 | 0.02 | ND | ND | ND | ND |
| Maximum Concentration | | | 0.012 | 0.0003 | 0.005 | 0.002 | <0.001 | <0.0001 | 0.014 | 0.014 | 0.02 | <0.05 | <0.1 | <0.1 | <0.1 |
| Maximum Detect | | | 0.012 | 0.0003 | 0.005 | 0.002 | ND | ND | 0.014 | 0.014 | 0.02 | ND | ND | ND | ND |
| Average Concentration * | | | 0.002 | 0.00011 | 0.00088 | 0.00088 | 0.0005 | 0.000046 | 0.0036 | 0.0056 | 0.01 | 0.025 | 0.05 | 0.05 | 0.046 |
| Geometric Average * | | | 0.00094 | 0.000098 | 0.00061 | 0.00075 | 0.0005 | 0.000045 | 0.0022 | 0.0043 | 0.0095 | 0.025 | 0.05 | 0.05 | 0.045 |
| Median Concentration * | | | 0.0005 | 0.0001 | 0.0005 | 0.0005 | 0.0005 | 0.00005 | 0.0035 | 0.0025 | 0.01 | 0.025 | 0.05 | 0.05 | 0.05 |
| Standard Deviation * | | | 0.0034 | 0.000063 | 0.0013 | 0.00057 | 0 | 0.0000097 | 0.0038 | 0.0045 | 0.0035 | 0 | 0 | 0 | 0.0094 |
| Geometric Standard Deviation * | | | 3 | 1.6 | 1.9 | 1.7 | 1 | 1.3 | 3.1 | 2.1 | 1.4 | 1 | 1 | 1 | 1.3 |
| 95% UCL (Student's-t) * | | | 0.00377 | 0.00014118 | 0.00155 | 0.00117 | 0.0005 | 0.000050878 | 0.00558 | 0.00793 | 0.0117 | 0.025 | 0.05 | 0.05 | 0.0508 |
| % of Detects | | | 33 | 8 | 8 | 42 | 0 | 0 | 75 | 42 | 8 | 0 | 0 | 0 | 0 |
| % of Non-Detects | | | 67 | 92 | 92 | 58 | 100 | 100 | 25 | 58 | 92 | 100 | 100 | 100 | 100 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | TRHs (NEPC 2013) | | | | | | | BTEXN | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C6-C10 | C10-C16 | C16-C34 | C34-C40 | C10-C40 (Sum of total) | F1 (C6-C10 minus BTEX) | F2 (C10-C16 less Naphthalene) | Benzene | Toluene | Ethylbenzene | Xylene (o) | Xylene (m & p) | Xylene Total | Naphthalene_VOC |
| | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| EQL | 0.01 | 0.05 | 0.1 | 0.1 | 0.05 | 0.01 | 0.05 | 0.001 | 0.001 | 0.001 | 0.001 | 0.002 | 0.003 | 0.001 |
| ANZG (2018) Freshwater 80% toxicant DGVs | | | | | | | | 2 | 0.33 | 0.16 | 0.64 | 0.15 | | 0.085 |
| ANZG (2018) Freshwater 90% toxicant DGVs | | | | | | | | 1.3 | 0.23 | 0.11 | 0.47 | 0.1 | | 0.037 |
| ANZG (2018) Freshwater 95% toxicant DGVs | | | | | | | | 0.95 | 0.18 | 0.08 | 0.35 | 0.075 | | 0.016 |
| ANZG (2018) Freshwater 99% toxicant DGVs | | | | | | | | 0.6 | 0.11 | 0.05 | 0.2 | 0.05 | | 0.0025 |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | 30 \| 30 \| 35 | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | 6 \| 6 \| 7 | | 5 \| 5 \| 5 | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 | <0.02 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| JBMW02 | 17 Jun 2024 | 1109064 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 | <0.02 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| JBMW03 | 17 Jun 2024 | 1109064 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 | <0.02 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| JBMW04 | 17 Jun 2024 | 1109064 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 | <0.02 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 | <0.02 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| QC02_20240617 | 17 Jun 2024 | 354361 | <0.01 | <0.05 | <0.1 | <0.1 | <0.05 | <0.01 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | - | <0.001 |
| **Surface Water** | | | | | | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 | <0.02 | <0.05 | - | - | - | - | - | - | <0.01 |
| SW02 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | - |
| SW03 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW04 | 17 Jun 2024 | 1109064 | 0.03 | <0.05 | <0.1 | <0.1 | <0.1 | 0.03 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | 0.03 | <0.05 | <0.1 | <0.1 | <0.1 | 0.03 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| QC01_20240617 | 17 Jun 2024 | 354361 | <0.01 | <0.05 | <0.1 | <0.1 | <0.05 | <0.01 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | - | <0.001 |
| SW05 | 17 Jun 2024 | 1109064 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 | <0.02 | <0.05 | - | - | - | - | - | - | <0.01 |
| SW06 | 17 Jun 2024 | 1109064 | <0.02 | <0.05 | <0.1 | <0.1 | <0.1 | <0.02 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| **Statistics** | | | | | | | | | | | | | | | | |
| Number of Results | | | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 11 | 13 |
| Number of Detects | | | 2 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | | | <0.01 | <0.05 | <0.1 | <0.1 | <0.05 | <0.01 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.001 |
| Minimum Detect | | | 0.03 | ND | ND | ND | ND | 0.03 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | | | 0.03 | <0.05 | <0.1 | <0.1 | <0.1 | 0.03 | <0.05 | <0.001 | <0.001 | <0.001 | <0.001 | <0.002 | <0.003 | <0.01 |
| Maximum Detect | | | 0.03 | ND | ND | ND | ND | 0.03 | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | | | 0.012 | 0.025 | 0.05 | 0.05 | 0.046 | 0.012 | 0.025 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.0015 | 0.0043 |
| Geometric Average * | | | 0.011 | 0.025 | 0.05 | 0.05 | 0.045 | 0.011 | 0.025 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.0015 | 0.0035 |
| Median Concentration * | | | 0.01 | 0.025 | 0.05 | 0.05 | 0.05 | 0.01 | 0.025 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.0015 | 0.005 |
| Standard Deviation * | | | 0.0081 | 0 | 0 | 0 | 0.0094 | 0.0081 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0017 |
| Geometric Standard Deviation * | | | 1.7 | 1 | 1 | 1 | 1.3 | 1.7 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2.4 |
| 95% UCL (Student's-t) * | | | 0.0163 | 0.025 | 0.05 | 0.05 | 0.0508 | 0.0163 | 0.025 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.001 | 0.0015 | 0.00514 |
| % of Detects | | | 15 | 0 | 0 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | | | 85 | 100 | 100 | 100 | 100 | 85 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | | | Chlorinated Alkanes | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1,1,1,2-tetrachloroethane | 1,1,1-trichloroethane | 1,1,2,2-tetrachloroethane | 1,1,2-trichloroethane | 1,1-dichloroethane | 1,2,3-trichloropropane | 1,2-dibromo-3-chloropropane | 1,2-dichloroethane | 1,2-dichloropropane | 1,3-dichloropropane | 2,2-dichloropropane | Bromochloromethane | Carbon tetrachloride | Chloroethane | Chloromethane | Dichlorodifluoromethane | Dichloromethane | Trichlorofluoromethane |
| | | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| EQL | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| ANZG (2018) Freshwater 80% toxicant DGVs | | | | 0.65 | 0.9 | 8.4 | | | | 4 | 1.8 | 2 | | | 0.46 | | | | 7 | |
| ANZG (2018) Freshwater 90% toxicant DGVs | | | | 0.4 | 0.5 | 7.3 | | | | 2.6 | 1.2 | 1.4 | | | 0.32 | | | | 5 | |
| ANZG (2018) Freshwater 95% toxicant DGVs | | | | 0.27 | 0.4 | 6.5 | | | | 1.9 | 0.9 | 1.1 | | | 0.24 | | | | 4 | |
| ANZG (2018) Freshwater 99% toxicant DGVs | | | | 0.13 | 0.2 | 5.4 | | | | 1 | 0.6 | 0.7 | | | 0.15 | | | | 3 | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| JBMW02 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| JBMW03 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| JBMW04 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QC02_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | - | <0.01 |
| **Surface Water** | | | | | | | | | | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW02 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| SW03 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW04 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QC01_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | - | <0.01 |
| SW05 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW06 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| **Statistics** | | | | | | | | | | | | | | | | | | | | |
| Number of Results | | | 12 | 12 | 12 | 12 | 12 | 12 | 2 | 12 | 12 | 12 | 2 | 12 | 12 | 12 | 12 | 12 | 10 | 12 |
| Number of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| Minimum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.01 | <0.01 | <0.01 | <0.005 | <0.01 |
| Maximum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0029 | 0.0029 | 0.0029 | 0.0025 | 0.0029 |
| Geometric Average * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0028 | 0.0028 | 0.0028 | 0.0025 | 0.0028 |
| Median Concentration * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 |
| Standard Deviation * | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00097 | 0.00097 | 0.00097 | 0 | 0.00097 |
| Geometric Standard Deviation * | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1.3 | 1.3 | 1.3 | 1 | 1.3 |
| 95% UCL (Student's-t) * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.00342 | 0.00342 | 0.00342 | 0.0025 | 0.00342 |
| % of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | Chlorinated Alkenes | | | | | | | | | | | | Solvents |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,1-dichloroethene | 1,1-dichloropropene | 2-chlorotoluene | 3-chloropropene | 4-chlorotoluene | cis-1,2-dichloroethene | cis-1,3-dichloropropene | Tetrachloroethene | trans-1,2-dichloroethene | trans-1,3-dichloropropene | Trichloroethene | Vinyl Chloride | Acetone |
| | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| EQL | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 |
| ANZG (2018) Freshwater 80% toxicant DGVs | 1.3 | | | | | | | 0.15 | | | 0.6 | 0.2 | |
| ANZG (2018) Freshwater 90% toxicant DGVs | 0.9 | | | | | | | 0.1 | | | 0.4 | 0.14 | |
| ANZG (2018) Freshwater 95% toxicant DGVs | 0.7 | | | | | | | 0.07 | | | 0.33 | 0.1 | |
| ANZG (2018) Freshwater 99% toxicant DGVs | 0.5 | | | | | | | 0.04 | | | 0.22 | 0.07 | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| JBMW02 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| JBMW03 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| JBMW04 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| QC02_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.01 | - |
| **Surface Water** | | | | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW02 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| SW03 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW04 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| QC01_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.01 | - |
| SW05 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW06 | 17 Jun 2024 | 1109064 | <0.001 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| **Statistics** | | | | | | | | | | | | | | |
| Number of Results | | | 12 | 2 | 2 | 10 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 10 |
| Number of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| Minimum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.01 | <0.005 |
| Maximum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0029 | 0.0025 |
| Geometric Average * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0028 | 0.0025 |
| Median Concentration * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0025 |
| Standard Deviation * | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00097 | 0 |
| Geometric Standard Deviation * | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1.3 | 1 |
| 95% UCL (Student's-t) * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.00342 | 0.0025 |
| % of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | PFAS | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluorobutanoic acid (PFBA) | Perfluoropentanoic acid (PFPeA) | Perfluorohexanoic acid (PFHxA) | Perfluoroheptanoic acid (PFHpA) | Perfluorooctanoic acid (PFOA) | Perfluorononanoic acid (PFNA) | Perfluorodecanoic acid (PFDA) | Perfluoroundecanoic acid (PFUnDA) | Perfluorododecanoic acid (PFDoDA) | Perfluorotridecanoic acid (PFTrDA) | Perfluorotetradecanoic acid (PFTeDA) | Perfluorooctane sulfonamide (FOSA) | N-Methyl perfluorooctane sulfonamide (NMeFOSA) | N-Ethyl perfluorooctane sulfonamide (NEtFOSA) | N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE) | N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE) | N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA) | N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA) |
| | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L |
| EQL | 0.002 | 0.001 | 0.0004 | 0.0004 | 0.0002 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | 0.002 | 0.002 |
| ANZG (2018) Freshwater 80% toxicant DGVs | | | | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 90% toxicant DGVs | | | | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 95% toxicant DGVs | | | | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 99% toxicant DGVs | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | 10 | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | 220 | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | 19 | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| JBMW02 | 17 Jun 2024 | 1109064 | 0.15 | 0.34 | 0.14 | 0.037 | 0.007 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| JBMW03 | 17 Jun 2024 | 1109064 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| JBMW04 | 17 Jun 2024 | 1109064 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| QC02_20240617 | 17 Jun 2024 | 354361 | <0.01 | <0.002 | <0.0004 | <0.0004 | <0.0002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.01 | <0.05 | <0.01 | <0.05 | <0.1 | <0.05 | <0.5 | <0.002 | <0.002 |
| **Surface Water** | | | | | | | | | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | 0.009 | 0.009 | 0.008 | 0.007 | 0.016 | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| SW02 | 17 Jun 2024 | 1109064 | <0.005 | 0.004 | 0.003 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| SW03 | 17 Jun 2024 | 1109064 | <0.005 | 0.003 | 0.003 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| SW04 | 17 Jun 2024 | 1109064 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| QC01_20240617 | 17 Jun 2024 | 354361 | <0.02 | 0.002 | 0.002 | 0.0008 | 0.002 | <0.001 | <0.002 | <0.002 | <0.005 | <0.01 | <0.05 | <0.01 | <0.05 | <0.1 | <0.05 | <0.5 | <0.002 | <0.002 |
| SW05 | 17 Jun 2024 | 1109064 | 0.007 | 0.004 | 0.005 | 0.004 | 0.011 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| SW06 | 17 Jun 2024 | 1109064 | 0.006 | 0.003 | 0.003 | 0.001 | 0.003 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 |
| **Statistics** | | | | | | | | | | | | | | | | | | | |
| Number of Results | | | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Number of Detects | | | 4 | 7 | 7 | 5 | 6 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | | | <0.005 | <0.001 | <0.0004 | <0.0004 | <0.0002 | 0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.002 | <0.002 |
| Minimum Detect | | | 0.006 | 0.002 | 0.002 | 0.0008 | 0.001 | 0.001 | 0.001 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | | | 0.15 | 0.34 | 0.14 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.5 | <0.1 | <0.1 |
| Maximum Detect | | | 0.15 | 0.34 | 0.14 | 0.037 | 0.016 | 0.001 | 0.001 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | | | 0.02 | 0.031 | 0.018 | 0.01 | 0.0095 | 0.0072 | 0.0072 | 0.0072 | 0.0074 | 0.0077 | 0.01 | 0.0092 | 0.012 | 0.015 | 0.012 | 0.042 | 0.0086 | 0.0086 |
| Geometric Average * | | | 0.007 | 0.0033 | 0.0028 | 0.0017 | 0.002 | 0.001 | 0.0011 | 0.001 | 0.0011 | 0.0013 | 0.0016 | 0.0041 | 0.0051 | 0.0056 | 0.0051 | 0.0069 | 0.0033 | 0.0033 |
| Median Concentration * | | | 0.005 | 0.003 | 0.003 | 0.0005 | 0.001 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 |
| Standard Deviation * | | | 0.039 | 0.087 | 0.038 | 0.019 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.018 | 0.017 | 0.017 | 0.022 | 0.017 | 0.086 | 0.017 | 0.017 |
| Geometric Standard Deviation * | | | 3.8 | 7.5 | 7.3 | 6.7 | 6.7 | 5 | 4.9 | 5 | 5.1 | 5.5 | 7.1 | 2.8 | 3.4 | 3.9 | 3.4 | 6 | 3.2 | 3.2 |
| 95% UCL (Student's-t) * | | | 0.0382 | 0.0708 | 0.035 | 0.0187 | 0.0173 | 0.0151 | 0.0151 | 0.0151 | 0.0152 | 0.0155 | 0.0186 | 0.0167 | 0.0197 | 0.0251 | 0.0197 | 0.081 | 0.0163 | 0.0163 |
| % of Detects | | | 27 | 47 | 47 | 33 | 40 | 13 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | | | 73 | 53 | 53 | 67 | 60 | 87 | 93 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | PFAS | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Perfluoropropanesulfonic acid (PFPrS) | Perfluorobutanesulfonic acid (PFBS) | Perfluoropentanesulfonic acid (PFPeS) | Perfluorohexanesulfonic acid (PFHxS) | Perfluoroheptane sulfonic acid (PFHpS) | Perfluorooctanesulfonic acid (PFOS) | Perfluorodecanesulfonic acid (PFDS) | 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2 FTSA) | 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2 FTSA) | 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2 FTSA) | 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2 FTSA) | Sum of PFHxS and PFOS | Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | Sum of US EPA PFAS (PFOS + PFOA)* | Sum of WA DWER PFAS (n=10)* | Sum of PFAS | Perfluorononanesulfonic acid ion |
| | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | µg/L | UG/L | µg/L | µg/L |
| EQL | 0.001 | 0.0004 | 0.001 | 0.0002 | 0.001 | 0.0001 | 0.001 | 0.001 | 0.0004 | 0.0004 | 0.001 | 0.0002 | 0.001 | 0.0002 | 0.005 | 0.0002 | 0.001 |
| ANZG (2018) Freshwater 80% toxicant DGVs | | | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 90% toxicant DGVs | | | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 95% toxicant DGVs | | | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 99% toxicant DGVs | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | 2 | | 2 | | | | | | 2 | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | 0.13 | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | 0.00023 | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.001 |
| JBMW02 | 17 Jun 2024 | 1109064 | <0.001 | 0.002 | 0.002 | 0.004 | <0.001 | 0.0044 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | 0.0084 | 0.0154 | 0.0114 | 0.6844 | 0.6874 | <0.001 |
| JBMW03 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | 0.0007 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.001 |
| JBMW04 | 17 Jun 2024 | 1109064 | <0.001 | 0.002 | <0.001 | <0.001 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.001 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | <0.001 | 0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 | <0.001 |
| QC02_20240617 | 17 Jun 2024 | 354361 | - | <0.0004 | <0.001 | <0.0002 | <0.001 | <0.0002 | <0.002 | <0.001 | <0.0004 | <0.0004 | <0.002 | <0.0002 | - | <0.0002 | - | <0.0002 | - |
| **Surface Water** | | | | | | | | | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | <0.001 | 0.004 | 0.001 | 0.003 | <0.001 | 0.0056 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | 0.0086 | 0.0246 | 0.0216 | 0.0616 | 0.0646 | <0.001 |
| SW02 | 17 Jun 2024 | 1109064 | <0.001 | 0.002 | <0.001 | 0.001 | <0.001 | 0.0019 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | 0.0029 | 0.0039 | 0.0029 | 0.0129 | 0.0129 | <0.001 |
| SW03 | 17 Jun 2024 | 1109064 | <0.001 | 0.002 | <0.001 | 0.001 | <0.001 | 0.0018 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | 0.0028 | 0.0028 | 0.0018 | 0.0108 | 0.0108 | <0.001 |
| SW04 | 17 Jun 2024 | 1109064 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| QC01_20240617 | 17 Jun 2024 | 354361 | - | 0.001 | <0.001 | 0.001 | <0.001 | 0.0031 | <0.002 | <0.001 | <0.0004 | <0.0004 | <0.002 | 0.0042 | - | 0.0046 | - | 0.012 | - |
| SW05 | 17 Jun 2024 | 1109064 | <0.001 | 0.003 | <0.001 | 0.004 | <0.001 | 0.0050 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | 0.009 | 0.02 | 0.016 | 0.043 | 0.043 | <0.001 |
| SW06 | 17 Jun 2024 | 1109064 | <0.001 | 0.002 | <0.001 | 0.002 | <0.001 | 0.0027 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | 0.0047 | 0.0077 | 0.0057 | 0.0227 | 0.0227 | <0.001 |
| **Statistics** | | | | | | | | | | | | | | | | | | | |
| Number of Results | | | 13 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 13 | 15 | 13 | 15 | 13 |
| Number of Detects | | | 0 | 10 | 2 | 7 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 7 | 6 | 7 | 6 | 7 | 0 |
| Minimum Concentration | | | <0.001 | <0.0004 | 0.001 | <0.0002 | <0.001 | <0.0001 | <0.001 | <0.001 | <0.0004 | <0.0004 | <0.001 | <0.0002 | <0.001 | <0.0002 | <0.005 | <0.0002 | <0.001 |
| Minimum Detect | | | ND | 0.001 | 0.001 | 0.001 | ND | 0.0007 | ND | ND | ND | ND | ND | 0.0028 | 0.0028 | 0.0018 | 0.0108 | 0.0108 | ND |
| Maximum Concentration | | | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | 0.6844 | 0.6874 | <0.1 |
| Maximum Detect | | | ND | 0.004 | 0.002 | 0.004 | ND | 0.0056 | ND | ND | ND | ND | ND | 0.009 | 0.0246 | 0.0216 | 0.6844 | 0.6874 | ND |
| Average Concentration * | | | 0.0081 | 0.0081 | 0.0072 | 0.0079 | 0.0071 | 0.0084 | 0.0072 | 0.0071 | 0.0085 | 0.0071 | 0.0072 | 0.0095 | 0.014 | 0.011 | 0.073 | 0.064 | 0.0081 |
| Geometric Average * | | | 0.001 | 0.0021 | 0.0011 | 0.0016 | 0.00092 | 0.0015 | 0.001 | 0.00092 | 0.0027 | 0.00082 | 0.001 | 0.0025 | 0.0039 | 0.0028 | 0.015 | 0.01 | 0.001 |
| Median Concentration * | | | 0.0005 | 0.002 | 0.0005 | 0.001 | 0.0005 | 0.0019 | 0.0005 | 0.0005 | 0.0025 | 0.0005 | 0.0005 | 0.0029 | 0.0039 | 0.0029 | 0.0129 | 0.012 | 0.0005 |
| Standard Deviation * | | | 0.019 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.018 | 0.017 | 0.19 | 0.17 | 0.019 |
| Geometric Standard Deviation * | | | 5.6 | 4.5 | 5 | 5.5 | 5.1 | 8.4 | 5 | 5.1 | 4.4 | 5.5 | 5 | 6.2 | 6.6 | 7 | 5.8 | 8 | 5.6 |
| 95% UCL (Student's-t) * | | | 0.0173 | 0.0159 | 0.0151 | 0.0157 | 0.015 | 0.0161 | 0.0151 | 0.015 | 0.0162 | 0.015 | 0.0151 | 0.0172 | 0.0225 | 0.0189 | 0.164 | 0.143 | 0.0173 |
| % of Detects | | | 0 | 67 | 13 | 47 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | 47 | 46 | 47 | 46 | 47 | 0 |
| % of Non-Detects | | | 100 | 33 | 87 | 53 | 100 | 47 | 100 | 100 | 100 | 100 | 100 | 53 | 54 | 53 | 54 | 53 | 100 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | | | MAH | | | | | | | | | | | Miscellaneous Hydrocarbons | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1,2,4-trimethylbenzene | 1,3,5-trimethylbenzene | n-butylbenzene | n-propylbenzene | p-isopropyltoluene | sec-butylbenzene | Styrene | tert-butylbenzene | Total MAH | Bromobenzene | Isopropylbenzene | 1,2-dibromoethane | Bromomethane | Cyclohexane | Dibromomethane | Iodomethane | 4-Methyl-2-pentanone | Methyl Ethyl Ketone |
| | | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| EQL | | | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.003 | 0.001 | 0.001 | 0.001 | 0.005 | 0.001 | 0.001 | 0.001 | 0.005 | 0.005 |
| ANZG (2018) Freshwater 80% toxicant DGVs | | | | | | | | | | | | | 0.07 | | | | | | | |
| ANZG (2018) Freshwater 90% toxicant DGVs | | | | | | | | | | | | | 0.04 | | | | | | | |
| ANZG (2018) Freshwater 95% toxicant DGVs | | | | | | | | | | | | | 0.03 | | | | | | | |
| ANZG (2018) Freshwater 99% toxicant DGVs | | | | | | | | | | | | | 0.02 | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| JBMW02 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| JBMW03 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| JBMW04 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| QC02_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | <0.01 | <0.001 | <0.001 | - | - | - |
| **Surface Water** | | | | | | | | | | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW02 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| SW03 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW04 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| QC01_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - | <0.001 | <0.001 | <0.001 | <0.01 | <0.001 | <0.001 | - | - | - |
| SW05 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SW06 | 17 Jun 2024 | 1109064 | <0.001 | <0.001 | - | - | - | - | <0.001 | - | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | - | <0.001 | <0.001 | <0.005 | <0.005 |
| **Statistics** | | | | | | | | | | | | | | | | | | | | |
| Number of Results | | | 12 | 12 | 2 | 2 | 2 | 2 | 12 | 2 | 10 | 12 | 12 | 12 | 12 | 2 | 12 | 10 | 10 | 10 |
| Number of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.003 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| Minimum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.003 | <0.001 | <0.001 | <0.001 | <0.01 | <0.001 | <0.001 | <0.001 | <0.005 | <0.005 |
| Maximum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0015 | 0.0005 | 0.0005 | 0.0005 | 0.0029 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0025 |
| Geometric Average * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0015 | 0.0005 | 0.0005 | 0.0005 | 0.0028 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0025 |
| Median Concentration * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0015 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0025 |
| Standard Deviation * | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00097 | 0 | 0 | 0 | 0 | 0 |
| Geometric Standard Deviation * | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1.3 | 1 | 1 | 1 | 1 | 1 |
| 95% UCL (Student's-t) * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0015 | 0.0005 | 0.0005 | 0.0005 | 0.00342 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0025 |
| % of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | Chlorinated Benzenes | | | | | | Trihalomethanes | | | | Organic Sulfur Compounds |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1,2,3-trichlorobenzene | 1,2,4-trichlorobenzene | 1,2-Dichlorobenzene | 1,3-dichlorobenzene | 1,4-dichlorobenzene | Chlorobenzene | Dibromochloromethane | Chloroform | Tribromomethane | Bromodichloromethane | Carbon disulfide |
| | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| EQL | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| ANZG (2018) Freshwater 80% toxicant DGVs | 0.03 | 0.3 | 0.27 | 0.52 | 0.1 | 0.19 | | 1.9 | | | |
| ANZG (2018) Freshwater 90% toxicant DGVs | 0.016 | 0.22 | 0.2 | 0.35 | 0.075 | 0.1 | | 1.1 | | | |
| ANZG (2018) Freshwater 95% toxicant DGVs | 0.01 | 0.17 | 0.16 | 0.26 | 0.06 | 0.055 | | 0.77 | | | |
| ANZG (2018) Freshwater 99% toxicant DGVs | 0.003 | 0.085 | 0.12 | 0.16 | 0.04 | 0.005 | | 0.37 | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| JBMW02 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| JBMW03 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| JBMW04 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| QC02_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - |
| **Surface Water** | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - |
| SW02 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| SW03 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - |
| SW04 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| QC01_20240617 | 17 Jun 2024 | 354361 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | - |
| SW05 | 17 Jun 2024 | 1109064 | - | - | - | - | - | - | - | - | - | - | - |
| SW06 | 17 Jun 2024 | 1109064 | - | - | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| **Statistics** | | | | | | | | | | | |
| Number of Results | | | 2 | 2 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 10 |
| Number of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Minimum Concentration | | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Minimum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Maximum Concentration | | | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.005 | <0.001 | <0.001 | <0.001 |
| Maximum Detect | | | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Average Concentration * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0022 | 0.0005 | 0.0005 | 0.0005 |
| Geometric Average * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0019 | 0.0005 | 0.0005 | 0.0005 |
| Median Concentration * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0025 | 0.0005 | 0.0005 | 0.0005 |
| Standard Deviation * | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00078 | 0 | 0 | 0 |
| Geometric Standard Deviation * | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1.9 | 1 | 1 | 1 |
| 95% UCL (Student's-t) * | | | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.0005 | 0.00257 | 0.0005 | 0.0005 | 0.0005 |
| % of Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| % of Non-Detects | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | | | Major Cations | | | | | | | | Major Anions | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Calcium | Calcium (filtered) | Potassium | Potassium (filtered) | Magnesium | Magnesium (filtered) | Sodium | Sodium (filtered) | Alkalinity (Carbonate as CaCO3) | Alkalinity (Hydroxide) as CaCO3 | Alkalinity (Bicarbonate as CaCO3) | Chloride | Sulphate |
| | | | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L | mg/L |
| EQL | | | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 | 5 | 5 | 5 | 1 | 1 |
| ANZG (2018) Freshwater 80% toxicant DGVs | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 90% toxicant DGVs | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 95% toxicant DGVs | | | | | | | | | | | | | | | |
| ANZG (2018) Freshwater 99% toxicant DGVs | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | | | | | | |
| **Groundwater** | | | | | | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | 180 | - | 28 | - | 620 | - | 4,000 | - | <20 | <20 | 970 | 8,000 | 550 |
| JBMW02 | 17 Jun 2024 | 1109064 | 160 | - | 27 | - | 350 | - | 1,800 | - | <20 | <20 | 660 | 3,500 | 310 |
| JBMW03 | 17 Jun 2024 | 1109064 | 180 | - | 18 | - | 840 | - | 6,000 | - | <20 | <20 | 520 | 10,000 | 670 |
| JBMW04 | 17 Jun 2024 | 1109064 | 230 | - | 17 | - | 510 | - | 3,500 | - | <20 | <20 | 900 | 7,000 | 590 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | 170 | - | 27 | - | 620 | - | 4,000 | - | <20 | <20 | 990 | 7,300 | 490 |
| QC02_20240617 | 17 Jun 2024 | 354361 | - | 150 | - | 32 | - | 550 | - | 3,600 | <5 | <5 | 1,000 | 6,600 | 530 |
| **Surface Water** | | | | | | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | 45 | - | 4.2 | - | 14 | - | 91 | - | <20 | <20 | 100 | 120 | 86 |
| SW02 | 17 Jun 2024 | 1109064 | 28 | - | 2.7 | - | 30 | - | 220 | - | <20 | <20 | 97 | 450 | 88 |
| SW03 | 17 Jun 2024 | 1109064 | 29 | - | 2.7 | - | 43 | - | 340 | - | <20 | <20 | 110 | 540 | 83 |
| SW04 | 17 Jun 2024 | 1109064 | 110 | - | 5.5 | - | 270 | - | 2,000 | - | <20 | <20 | 240 | 3,900 | 290 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | 130 | - | 10 | - | 270 | - | 1,900 | - | <20 | <20 | 300 | 3,600 | 270 |
| QC01_20240617 | 17 Jun 2024 | 354361 | - | 87 | - | 4 | - | 240 | - | 1,600 | <5 | <5 | 250 | 3,200 | 290 |
| SW05 | 17 Jun 2024 | 1109064 | 34 | - | 3.2 | - | 24 | - | 120 | - | <20 | <20 | 100 | 190 | 71 |
| SW06 | 17 Jun 2024 | 1109064 | 73 | - | 2.6 | - | 210 | - | 1,500 | - | <20 | <20 | 410 | 2,700 | 350 |
| **Statistics** | | | | | | | | | | | | | | | |
| Number of Results | | | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 14 | 14 | 14 | 14 | 14 |
| Number of Detects | | | 12 | 2 | 12 | 2 | 12 | 2 | 12 | 2 | 0 | 0 | 14 | 14 | 14 |
| Minimum Concentration | | | 28 | 87 | 2.6 | 4 | 14 | 240 | 91 | 1,600 | <5 | <5 | 97 | 120 | 71 |
| Minimum Detect | | | 28 | 87 | 2.6 | 4 | 14 | 240 | 91 | 1,600 | ND | ND | 97 | 120 | 71 |
| Maximum Concentration | | | 230 | 150 | 28 | 32 | 840 | 550 | 6,000 | 3,600 | <20 | <20 | 1,000 | 10,000 | 670 |
| Maximum Detect | | | 230 | 150 | 28 | 32 | 840 | 550 | 6,000 | 3,600 | ND | ND | 1,000 | 10,000 | 670 |
| Average Concentration * | | | 114 | 118 | 12 | 18 | 317 | 395 | 2,123 | 2,600 | 8.9 | 8.9 | 475 | 4,079 | 333 |
| Geometric Average * | | | 89 | 114 | 8.2 | 11 | 164 | 363 | 1,090 | 2,400 | 8.2 | 8.2 | 336 | 2,203 | 259 |
| Median Concentration * | | | 120 | 118.5 | 7.75 | 18 | 270 | 395 | 1,850 | 2,600 | 10 | 10 | 355 | 3,550 | 300 |
| Standard Deviation * | | | 71 | 45 | 10 | 20 | 277 | 219 | 1,894 | 1,414 | 2.7 | 2.7 | 362 | 3,228 | 206 |
| Geometric Standard Deviation * | | | 2.2 | 1.5 | 2.7 | 4.4 | 4.3 | 1.8 | 4.3 | 1.8 | 1.7 | 1.7 | 2.5 | 4.3 | 2.3 |
| 95% UCL (Student's-t) * | | | 150.8 | 317.4 | 17.77 | 106.4 | 460.6 | 1,374 | 3,105 | 8,914 | 10.22 | 10.22 | 646 | 5,606 | 430.9 |
| % of Detects | | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 |
| % of Non-Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |

TABLE D - Groundwater and Surface Water Analytical Results
Project Number: 68310
Project Name: Honeman Close Huntingwood

| | | | Ionic Balance | | | | | Inorganics | Chlorinated Hydrocarbons | Other |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Alkalinity (total) as CaCO3 | Electrical Conductivity (Lab) | Hardness (filtered) | Ionic Balance | pH (Lab) | Electrical Conductivity (Non Compensated) | Hexachlorobutadiene | TDS |
| | | | mg/L | µS/cm | mgCaCO3/L | % | pH Units | µS/cm | mg/L | mg/L |
| EQL | | | 5 | 10 | 3 | | 0.1 | 1 | 0.001 | 5 |
| ANZG (2018) Freshwater 80% toxicant DGVs | | | | | | | | | | |
| ANZG (2018) Freshwater 90% toxicant DGVs | | | | | | | | | | |
| ANZG (2018) Freshwater 95% toxicant DGVs | | | | | | | | | | |
| ANZG (2018) Freshwater 99% toxicant DGVs | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Clay | | | | | | | | | | |
| NEPM 2013 Table 1A(4) Comm/Ind HSL D GW for Vapour Intrusion, Sand | | | | | | | | | | |
| PFAS NEMP 2020 Table 1 Health Recreational Water | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 95% | | | | | | | | | | |
| PFAS NEMP 2020 Table 5 Freshwater 99% | | | | | | | | | | |
| **Field ID** | **Date** | **Lab Report Number** | | | | | | | | |
| **Groundwater** | | | | | | | | | | |
| JBMW01 | 17 Jun 2024 | 1109064 | 970 | 24,000 | - | - | 7.0 | - | - | 16,000 |
| JBMW02 | 17 Jun 2024 | 1109064 | 660 | 12,000 | - | - | 7.4 | - | - | 8,200 |
| JBMW03 | 17 Jun 2024 | 1109064 | 520 | 30,000 | - | - | 7.1 | - | - | 17,000 |
| JBMW04 | 17 Jun 2024 | 1109064 | 900 | 21,000 | - | - | 7.0 | - | - | 14,000 |
| QA02_20240617 | 17 Jun 2024 | 1109064 | 990 | 23,000 | - | - | 7.0 | - | - | 14,000 |
| QC02_20240617 | 17 Jun 2024 | 354361 | 1,000 | - | 2,700 | -2.0 | 6.9 | 20,000 | <0.001 | 14,000 |
| **Surface Water** | | | | | | | | | | |
| SW01 | 17 Jun 2024 | 1109064 | 100 | 790 | - | - | 7.1 | - | - | 520 |
| SW02 | 17 Jun 2024 | 1109064 | 97 | 1,500 | - | - | 7.2 | - | - | 870 |
| SW03 | 17 Jun 2024 | 1109064 | 110 | 2,300 | - | - | 7.1 | - | - | 1,400 |
| SW04 | 17 Jun 2024 | 1109064 | 240 | 12,000 | - | - | 6.7 | - | - | 7,500 |
| QA01_20240617 | 17 Jun 2024 | 1109064 | 300 | 12,000 | - | - | 6.8 | - | - | 7,700 |
| QC01_20240617 | 17 Jun 2024 | 354361 | 250 | - | 1,200 | -3.0 | 6.4 | 10,000 | <0.001 | 6,900 |
| SW05 | 17 Jun 2024 | 1109064 | 100 | 1,000 | - | - | 7.3 | - | - | 650 |
| SW06 | 17 Jun 2024 | 1109064 | 410 | 8,400 | - | - | 7.5 | - | - | 4,400 |
| **Statistics** | | | | | | | | | | |
| Number of Results | | | 14 | 12 | 2 | 2 | 14 | 2 | 2 | 14 |
| Number of Detects | | | 14 | 12 | 2 | 2 | 14 | 2 | 0 | 14 |
| Minimum Concentration | | | 97 | 790 | 1,200 | -3 | 6.4 | 10,000 | <0.001 | 520 |
| Minimum Detect | | | 97 | 790 | 1,200 | -3 | 6.4 | 10,000 | ND | 520 |
| Maximum Concentration | | | 1,000 | 30,000 | 2,700 | -2 | 7.5 | 20,000 | <0.001 | 17,000 |
| Maximum Detect | | | 1,000 | 30,000 | 2,700 | -2 | 7.5 | 20,000 | ND | 17,000 |
| Average Concentration * | | | 475 | 12,332 | 1,950 | -2.5 | 7 | 15,000 | 0.0005 | 8,081 |
| Geometric Average * | | | 336 | 6,996 | 1,800 | | 7 | 14,142 | 0.0005 | 4,886 |
| Median Concentration * | | | 355 | 12,000 | 1,950 | -2.5 | 7.05 | 15,000 | 0.0005 | 7,600 |
| Standard Deviation * | | | 362 | 10,147 | 1,061 | 0.71 | 0.28 | 7,071 | 0 | 6,024 |
| Geometric Standard Deviation * | | | 2.5 | 3.8 | 1.8 | | 1 | 1.6 | 1 | 3.5 |
| 95% UCL (Student's-t) * | | | 646 | 17,593 | 6,685 | 0.657 | 7.17 | 46,569 | 0.0005 | 10,933 |
| % of Detects | | | 100 | 100 | 100 | 100 | 100 | 100 | 0 | 100 |
| % of Non-Detects | | | 0 | 0 | 0 | 0 | 0 | 0 | 100 | 0 |

# Appendix A Photographic Log

## PHOTOGRAPH 1: CENTRE OF HONEMAN CLOSE (ADJACENT TO THE SITE) NORTH FACING

## PHOTOGRAPH 2: CENTRE OF HONEMAN CLOSE (ADJACENT TO THE SITE) SOUTH FACING

## PHOTOGRAPH 3: NORTHWESTERN PORTION OF HONEMAN CLOSE WEST FACING

## PHOTOGRAPH 4: NORTHWESTERN PORTION OF HONEMAN CLOSE EAST FACING

JBS&G

| | |
|---|---|
| Job No: 67229 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 06/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 5: NORTHWEST PORTION OF HONEMAN CLOSE WITH EXISTING GROUNDWATER WELL IN DISTANCE WEST FACING

## PHOTOGRAPH 6: WESTERN PORTION OF HONEMAN CLOSE

## PHOTOGRAPH 7: AREA BETWEEN MOUND 1 AND MOUND 2 SOUTH FACING

## PHOTOGRAPH 8: MOUND 2 WEST FACING

JBS&G

| | |
|---|---|
| Job No: 67229 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 06/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 9: TOP OF MOUND 1

## PHOTOGRAPH 10: TOP OF MOUND 2

## PHOTOGRAPH 11: BUNGARIBEE CREEK TRIBUTARY VISIBLE FROM MOUND 2

## PHOTOGRAPH 12: NORTHERN PART OF BUNGARIBEE CREEK

JBS&G

| | |
|---|---|
| Job No: 67229 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 06/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 13: SOUTHERN PORTION OF MOUND 2, GRADING TO NATURAL GROUND LEVELS

## PHOTOGRAPH 14: SOUTH OF MOUND 2

## PHOTOGRAPH 15: SOUTH WEST OF MOUND 2, FACING L SHAPED MOUND (SOUTH)

## PHOTOGRAPH 16: ASPHALT/ROADBASE OBSERVED BETWEEN SITE AND HONEMAN CLOSE

JBS&G

| | |
|---|---|
| Job No: 67229 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 06/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 17: VEGETATION AND NORTHERN MOST PORTION OF THE L SHAPED MOUND, SOUTH FACING

## PHOTOGRAPH 18: CENTRE OF L SHAPED MOUND AND ARCHERY MOUND SOUTH FACING

## PHOTOGRAPH 19: WESTERN PORTION OF L SHAPED MOUND

## PHOTOGRAPH 20: FORMER TEST PIT LOCATION OBSERVED DURING INSPECTION

JBS&G

Job No: 67229

Client: Goodman

| | |
|---|---|
| Version: R01 Rev 0 | Date: 06/06/2024 |
| Drawn By: DS | Checked By: JR |

Not to Scale

Coord. Sys n/a

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 21: OVERHEAD LINES WEST OF L SHAPED MOUND EAST FACING

## PHOTOGRAPH 22: DISCARDED DOMESTIC WASTE NORTH OF L SHAPED MOUND

## PHOTOGRAPH 23: CONCRETE RUBBLE OBSERVED SOUTH OF L SHAPED MOUND

## PHOTOGRAPH 24: PARTIALLY CLEARED VEGETATION IN CENTRE OF SITE

JBS&G

Job No: 67229

Client: Goodman

| Version: R01 Rev 0 | Date: 06/06/2024 |
|---|---|
| Drawn By: DS | Checked By: JR |

Not to Scale

Coord. Sys n/a

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 25: BURNT VAN OBSERVED SOUTH OF L SHAPED MOUND

## PHOTOGRAPH 26: CENTRAL NORTHEASTERN PORTION OF SITE, NORTHEAST FACING

## PHOTOGRAPH 27: EASTERN PORTION OF SITE EAST FACING

## PHOTOGRAPH 28: EXISTING WELL IN EASTERN PORTION OF SITE, EAST FACING

JBS&G

| | |
|---|---|
| Job No: 67229 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 06/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 29: OPEN EUCALYPT FOREST IN SOUTH OF SITE

## PHOTOGRAPH 30: PARTIALLY CLEARED TRAIL WITHIN SOUTHERN PORTION OF SITE

## PHOTOGRAPH 31: WOODLANDS LEADING TO ACCESS TRAIL BEHIND L SHAPED MOUND

## PHOTOGRAPH 32: ACCESS TRAIL BEHIND L SHAPED MOUND

JBS&G

Job No: 67229

Client: Goodman

| Version: R01 Rev 0 | Date: 06/06/2024 |
|---|---|
| Drawn By: DS | Checked By: JR |

Not to Scale

Coord. Sys n/a

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 33: WETLANDS OBSERVED TO EAST OF BUNGARIBEE TRIBUTARY

## PHOTOGRAPH 34: EXISTING WELL AND OPEN AREA OBSERVED IN SOUTH WEST OF SITE, SOUTH FACING

## PHOTOGRAPH 35: PARTIALLY CLEARED TRAIL LEADING TO WESTERN PORTION OF SITE

## PHOTOGRAPH 36: WESTERN PORTION OF SITE, WITH WESTERN TRIBUTARY OF BUNGARIBEE CREEK VISIBLE

JBS&G

Job No: 67229

Client: Goodman

| Version: R01 Rev 0 | Date: 06/06/2024 |
|---|---|
| Drawn By: DS | Checked By: JR |

Not to Scale

Coord. Sys n/a

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**ATTACHMENT C**

## PHOTOGRAPH 37: DENSE VEGETATION IN SOUTHERN PORTION OF SITE

## PHOTOGRAPH 38: PARTIALLY CLEARED VEGETATION AND ACCESS PATH, SOUTH PORTION OF SITE

## PHOTOGRAPH 39: OPEN EUCALYPT VEGETATION IN SOUTH OF SITE

## PHOTOGRAPH 40: SOUTH OF SITE WITH M4 CORRIDOR ADJACENT

JBS&G

| | |
|---|---|
| Job No: 67229 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 24/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 41: ACM AT JTP05

## PHOTOGRAPH 42: ASPHALT AND MINOR B&D RUBBLE MATERIAL AT JDTP33

## PHOTOGRAPH 43: NATURAL MATERIALS AT JBTP08

## PHOTOGRAPH 44: FIELD QUANTIFICATION UNDERTAKEN AT JBTP15

JBS&G

| | |
|---|---|
| Job No: 68310 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 24/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 45: PRECAST SEPTIC TANK IN EASTERN PORTION OF SITE

## PHOTOGRAPH 46: COLLECTION OF MATERIALS FOR FIELD QUANTIFICATION AT JBTP26

## PHOTOGRAPH 47: NATURAL MATERIALS OBSERVED AT JBTP26

## PHOTOGRAPH 48: ADVANCEMENT OF TEST PIT AT JBTP34

JBS&G

| | |
|---|---|
| Job No: 67229 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 24/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

## PHOTOGRAPH 49: ADVANCEMENT OF DRILL RIG FOR BOREHOLE INSTALLATION

## PHOTOGRAPH 50: SAMPLE COLLECTED AT JBMW05

## PHOTOGRAPH 51: WELL INSTALLATION JBMW05

## PHOTOGRAPH 52: SAMPLE COLLECTED AT JBMW04

JBS&G

| | |
|---|---|
| Job No: 67229 | |
| Client: Goodman | |
| Version: R01 Rev 0 | Date: 24/06/2024 |
| Drawn By: DS | Checked By: JR |
| Not to Scale | |
| | |
| Coord. Sys n/a | |

**Detailed Site Investigation, Honeman Close, Huntingwood NSW**

**APPENDIX A**

# Appendix B Registered Groundwater Bores

# JBS&G NSW PSI Web Map Extract

13/01/2025, 11:41:26 am

- Groundwater Bores (WaterNSW, 2021)*

1:18,056

0 0.17 0.35 0.7 mi

0 0.3 0.6 1.2 km

Earthstar Geographics, Esri Community Maps Contributors, Esri, TomTom, Garmin, Foursquare, METI/NASA, USGS

JBS&G PSI Service
JBS&G, 2019

# WaterNSW
## Work Summary

### GW111067

**Licence:** 10BL604054 **Licence Status:** CANCELLED

**Authorised Purpose(s):** MONITORING BORE
**Intended Purpose(s):** MONITORING BORE

**Work Type:** Bore
**Work Status:** Equipped
**Construct.Method:** Auger - Solid
**Owner Type:** Private

**Commenced Date:**
**Completion Date:** 27/04/2010
**Final Depth:** 7.50 m
**Drilled Depth:** 7.50 m

**Contractor Name:** Numac Drilling Services Pty Ltd
**Driller:** Simon Benjamin Tant
**Assistant Driller:** Dean Ryan

**Property:** MOBIL PROSPECT Cnr Myrtle And 354 Flushcombe Rd BLACKTOWN 2148 NSW
**GWMA:**
**GW Zone:**
**Standing Water Level (m):**
**Salinity Description:**
**Yield (L/s):**

## Site Details

**Site Chosen By:**

| | County | Parish | Cadastre |
|---|---|---|---|
| **Form A:** | CUMBERLAND | PROSPECT | 3//748715 |
| **Licensed:** | CUMBERLA | PROSPECT | Whole Lot 3//748715 |

**Region:** 10 - Sydney South Coast
**River Basin:** - Unknown
**Area/District:**
**CMA Map:**
**Grid Zone:**
**Scale:**

**Elevation:** 0.00 m (A.H.D.)
**Elevation Source:** Unknown
**Northing:** 6258549.000
**Easting:** 306050.000
**Latitude:** 33°47'43.7"S
**Longitude:** 150°54'17.9"E

**GS Map:** -
**MGA Zone:** 56
**Coordinate Source:** Unknown

## Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

| Hole | Pipe | Component | Type | From (m) | To (m) | Outside Diameter (mm) | Inside Diameter (mm) | Interval | Details |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Hole | Hole | 0.00 | 7.50 | 150 | | | Auger - Solid Flight |
| 1 | | Annulus | Waterworn/Rounded | 4.00 | 7.50 | | | | Graded |
| 1 | 1 | Casing | Pvc Class 18 | 0.00 | 4.50 | 60 | 50 | | Seated on Bottom, Other |
| 1 | 1 | Opening | Slots - Horizontal | 4.50 | 7.50 | 60 | | 0 | Casing - Machine Slotted, PVC Class 18, Other, SL: 40.0mm, A: 3.80mm |

## Water Bearing Zones

| From (m) | To (m) | Thickness (m) | WBZ Type | S.W.L. (m) | D.D.L. (m) | Yield (L/s) | Hole Depth (m) | Duration (hr) | Salinity (mg/L) |
|---|---|---|---|---|---|---|---|---|---|
| 5.50 | 7.50 | 2.00 | Unknown | | | | | | |

## Drillers Log

| From (m) | To (m) | Thickness (m) | Drillers Description | Geological Material | Comments |
|---|---|---|---|---|---|
| 0.00 | 0.80 | 0.80 | FILL | Fill | |
| 0.80 | 1.50 | 0.70 | CLAY FIRM DRY BROWN | Clay | |

| | | | | | |
|---|---|---|---|---|---|
| 1.50 | 5.50 | 4.00 | CLAY FIRM,BROWN,HIGH PLASTICITY | Clay | |
| 5.50 | 7.00 | 1.50 | CLAY BROWN, DAMP,MOIST | Clay | |
| 7.00 | 7.50 | 0.50 | CLAY BROWN SATURATED | Clay | |

***** End of GW111067 *****

**Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.**

# WaterNSW
## Work Summary

### GW111068

**Licence:** 10BL604054 **Licence Status:** CANCELLED

**Authorised Purpose(s):** MONITORING BORE
**Intended Purpose(s):** MONITORING BORE

**Work Type:** Bore
**Work Status:** Equipped
**Construct.Method:** Auger - Solid
**Owner Type:** Private

**Commenced Date:**
**Completion Date:** 27/04/2010
**Final Depth:** 7.50 m
**Drilled Depth:** 7.50 m

**Contractor Name:** Numac Drilling Services Pty Ltd
**Driller:** Simon Benjamin Tant
**Assistant Driller:** Dean Ryan

**Property:** MOBIL PROSPECT Cnr Myrtle And 354 Flushcombe Rd BLACKTOWN 2148 NSW
**GWMA:**
**GW Zone:**
**Standing Water Level (m):**
**Salinity Description:**
**Yield (L/s):**

## Site Details

**Site Chosen By:**

| | County | Parish | Cadastre |
|---|---|---|---|
| **Form A:** | CUMBERLAND | PROSPECT | 3//748715 |
| **Licensed:** | CUMBERLA | PROSPECT | Whole Lot 3//748715 |

**Region:** 10 - Sydney South Coast
**River Basin:** - Unknown
**Area/District:**
**CMA Map:**
**Grid Zone:**
**Scale:**

**Elevation:** 0.00 m (A.H.D.)
**Elevation Source:** Unknown
**Northing:** 6258565.000
**Easting:** 306058.000
**Latitude:** 33°47'43.2"S
**Longitude:** 150°54'18.2"E

**GS Map:** -
**MGA Zone:** 56
**Coordinate Source:** Unknown

## Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

| Hole | Pipe | Component | Type | From (m) | To (m) | Outside Diameter (mm) | Inside Diameter (mm) | Interval | Details |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Hole | Hole | 0.00 | 7.50 | 150 | | | Auger - Solid Flight |
| 1 | | Annulus | Waterworn/Rounded | 4.00 | 7.50 | | | | Graded |
| 1 | 1 | Casing | Pvc Class 18 | 0.00 | 4.50 | 60 | 50 | | Seated on Bottom, Other |
| 1 | 1 | Opening | Slots - Horizontal | 4.50 | 7.50 | 60 | | 0 | Casing - Machine Slotted, PVC Class 18, Other, SL: 40.0mm, A: 3.80mm |

## Water Bearing Zones

| From (m) | To (m) | Thickness (m) | WBZ Type | S.W.L. (m) | D.D.L. (m) | Yield (L/s) | Hole Depth (m) | Duration (hr) | Salinity (mg/L) |
|---|---|---|---|---|---|---|---|---|---|
| 5.50 | 7.50 | 2.00 | Unknown | | | | | | |

## Drillers Log

| From (m) | To (m) | Thickness (m) | Drillers Description | Geological Material | Comments |
|---|---|---|---|---|---|
| 0.00 | 0.80 | 0.80 | FILL | Fill | |
| 0.80 | 1.50 | 0.70 | CLAY FIRM DRY BROWN | Clay | |

| | | | | | |
|---|---|---|---|---|---|
| 1.50 | 5.50 | 4.00 | CLAY HIGH PLASTICITY FIRM BROWN | Clay | |
| 5.50 | 7.00 | 1.50 | CLAY BROWN DAMP MOIST | Clay | |
| 7.00 | 7.50 | 0.50 | CLAY BROWN SATURATED | Clay | |

***** End of GW111068 *****

**Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.**

# WaterNSW
## Work Summary

### GW111069

**Licence:** 10BL604054 **Licence Status:** CANCELLED

**Authorised Purpose(s):** MONITORING BORE
**Intended Purpose(s):** MONITORING BORE

**Work Type:** Bore
**Work Status:** Equipped
**Construct.Method:** Auger - Solid
**Owner Type:** Private

**Commenced Date:**
**Completion Date:** 27/04/2010
**Final Depth:** 7.50 m
**Drilled Depth:** 7.50 m

**Contractor Name:** Numac Drilling Services Pty Ltd
**Driller:** Simon Benjamin Tant
**Assistant Driller:** Dean Ryan

**Property:** MOBIL PROSPECT Cnr Myrtle And 354 Flushcombe Rd BLACKTOWN 2148 NSW
**GWMA:**
**GW Zone:**
**Standing Water Level (m):**
**Salinity Description:**
**Yield (L/s):**

## Site Details

**Site Chosen By:**

| | County | Parish | Cadastre |
|---|---|---|---|
| **Form A:** | CUMBERLAND | PROSPECT | 3//748715 |
| **Licensed:** | CUMBERLA | PROSPECT | Whole Lot 3//748715 |

**Region:** 10 - Sydney South Coast
**River Basin:** - Unknown
**Area/District:**
**CMA Map:**
**Grid Zone:**
**Scale:**

**Elevation:** 0.00 m (A.H.D.)
**Elevation Source:** Unknown
**Northing:** 6258556.000
**Easting:** 306026.000
**Latitude:** 33°47'43.4"S
**Longitude:** 150°54'17.0"E

**GS Map:** -
**MGA Zone:** 56
**Coordinate Source:** Unknown

## Construction

Negative depths indicate Above Ground Level; C-Cemented; SL-Slot Length; A-Aperture; GS-Grain Size; Q-Quantity; PL-Placement of Gravel Pack; PC-Pressure Cemented; S-Sump; CE-Centralisers

| Hole | Pipe | Component | Type | From (m) | To (m) | Outside Diameter (mm) | Inside Diameter (mm) | Interval | Details |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | Hole | Hole | 0.00 | 7.50 | 150 | | | Auger - Solid Flight |
| 1 | | Annulus | Waterworn/Rounded | 4.00 | 7.50 | | | | Graded |
| 1 | 1 | Casing | Pvc Class 18 | 0.00 | 4.50 | 60 | 50 | | Seated on Bottom, Other |
| 1 | 1 | Opening | Slots - Horizontal | 4.50 | 7.50 | 60 | | 0 | Casing - Machine Slotted, PVC Class 18, Other, SL: 40.0mm, A: 3.80mm |

## Water Bearing Zones

| From (m) | To (m) | Thickness (m) | WBZ Type | S.W.L. (m) | D.D.L. (m) | Yield (L/s) | Hole Depth (m) | Duration (hr) | Salinity (mg/L) |
|---|---|---|---|---|---|---|---|---|---|
| 5.50 | 7.50 | 2.00 | Unknown | 2.00 | | | | | |

## Drillers Log

| From (m) | To (m) | Thickness (m) | Drillers Description | Geological Material | Comments |
|---|---|---|---|---|---|
| 0.00 | 0.80 | 0.80 | FILL | Fill | |
| 0.80 | 1.50 | 0.70 | CLAY FIRM DRY BROWN | Clay | |

| | | | | | |
|---|---|---|---|---|---|
| 1.50 | 5.50 | 4.00 | CLAY HIGH PLASTICITY FIRM BROWN | Clay | |
| 5.50 | 7.00 | 1.50 | CLAY BROWN.DAMP,MOIST | Clay | |
| 7.00 | 7.50 | 0.50 | CLAY BROWN, SATURATED | Clay | |

***** End of GW111069 *****

**Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.**

# WaterNSW
## Work Summary

### GW113284

**Licence:** 10BL604309 **Licence Status:** CANCELLED

**Authorised Purpose(s):** MONITORING BORE
**Intended Purpose(s):** MONITORING BORE

**Work Type:** Bore
**Work Status:** Equipped
**Construct.Method:**
**Owner Type:** Private

**Commenced Date:** **Final Depth:** 12.00 m
**Completion Date:** 01/01/2010 **Drilled Depth:** 12.00 m

**Contractor Name:** (None)
**Driller:** Unkown Unknown
**Assistant Driller:**

**Property:** 7 ELEVEN - ARNDELL PARK 180 Reservoir Rd ARNDELL PARK 2148 NSW
**Standing Water Level (m):**
**GWMA:** **Salinity Description:**
**GW Zone:** **Yield (L/s):**

## Site Details

**Site Chosen By:**

| | County | Parish | Cadastre |
|---|---|---|---|
| **Form A:** | CUMBERLAND | PROSPECT | 103//828155 |
| **Licensed:** | CUMBERLA | PROSPECT | Whole Lot 103//828155 |

**Region:** 10 - Sydney South Coast **CMA Map:**
**River Basin:** - Unknown **Grid Zone:** **Scale:**
**Area/District:**

**Elevation:** 0.00 m (A.H.D.) **Northing:** 6258373.000 **Latitude:** 33°47'48.9"S
**Elevation Source:** Unknown **Easting:** 305312.000 **Longitude:** 150°53'49.1"E

**GS Map:** - **MGA Zone:** 56 **Coordinate Source:** Unknown

## Remarks

30/07/2014: Nat Carling, 30-July-2014; Added status, drill method & depth.

***** End of GW113284 *****

**Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.**

# WaterNSW
## Work Summary

### GW113285

**Licence:** 10BL604309 **Licence Status:** CANCELLED

**Authorised Purpose(s):** MONITORING BORE
**Intended Purpose(s):** MONITORING BORE

**Work Type:** Bore
**Work Status:** Equipped
**Construct.Method:**
**Owner Type:** Private

**Commenced Date:**
**Completion Date:** 01/01/2010
**Final Depth:** 10.50 m
**Drilled Depth:** 10.50 m

**Contractor Name:** (None)
**Driller:** Unkown Unknown
**Assistant Driller:**

**Property:** 7 ELEVEN - ARNDELL PARK 180 Reservoir Rd ARNDELL PARK 2148 NSW
**GWMA:**
**GW Zone:**
**Standing Water Level (m):**
**Salinity Description:**
**Yield (L/s):**

## Site Details

**Site Chosen By:**

| | County | Parish | Cadastre |
|---|---|---|---|
| **Form A:** | CUMBERLAND | PROSPECT | 103//828155 |
| **Licensed:** | CUMBERLA | PROSPECT | Whole Lot 103//828155 |

**Region:** 10 - Sydney South Coast
**River Basin:** - Unknown
**Area/District:**
**CMA Map:**
**Grid Zone:**
**Scale:**

**Elevation:** 0.00 m (A.H.D.)
**Elevation Source:** Unknown
**Northing:** 6258377.000
**Easting:** 305280.000
**Latitude:** 33°47'48.8"S
**Longitude:** 150°53'47.9"E

**GS Map:** -
**MGA Zone:** 56
**Coordinate Source:** Unknown

## Remarks

30/07/2014: Nat Carling, 30-July-2014; Added status, drill method & depth.

***** End of GW113285 *****

**Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.**

# WaterNSW
## Work Summary

### GW113286

**Licence:** 10BL604309
**Licence Status:** CANCELLED

**Authorised Purpose(s):** MONITORING BORE
**Intended Purpose(s):** MONITORING BORE

**Work Type:** Bore
**Work Status:** Equipped
**Construct.Method:**
**Owner Type:** Private

**Commenced Date:**
**Completion Date:** 01/01/2010
**Final Depth:** 10.50 m
**Drilled Depth:** 10.50 m

**Contractor Name:** (None)
**Driller:** Unkown Unknown
**Assistant Driller:**

**Property:** 7 ELEVEN - ARNDELL PARK 180 Reservoir Rd ARNDELL PARK 2148 NSW
**GWMA:**
**GW Zone:**
**Standing Water Level (m):**
**Salinity Description:**
**Yield (L/s):**

## Site Details

**Site Chosen By:**

| | County | Parish | Cadastre |
|---|---|---|---|
| **Form A:** | CUMBERLAND | PROSPECT | 103//828155 |
| **Licensed:** | CUMBERLA | PROSPECT | Whole Lot 103//828155 |

**Region:** 10 - Sydney South Coast
**River Basin:** - Unknown
**Area/District:**
**CMA Map:**
**Grid Zone:**
**Scale:**

**Elevation:** 0.00 m (A.H.D.)
**Elevation Source:** Unknown
**Northing:** 6258406.000
**Easting:** 305308.000
**Latitude:** 33°47'47.8"S
**Longitude:** 150°53'49.0"E

**GS Map:** -
**MGA Zone:** 56
**Coordinate Source:** Unknown

## Remarks

30/07/2014: Nat Carling, 30-July-2014; Added status, drill method & depth.

***** End of GW113286 *****

**Warning To Clients: This raw data has been supplied to the WaterNSW by drillers, licensees and other sources. WaterNSW does not verify the accuracy of this data. The data is presented for use by you at your own risk. You should consider verifying this data before relying on it. Professional hydrogeological advice should be sought in interpreting and using this data.**

# Appendix C EPA Records

| Number | Name | Location |
|---|---|---|
| 20645 | BUDGET WASTE RECYCLING PTY LIMITED | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 1580679 | BUDGET WASTE RECYCLING PTY LIMITED | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 3502561 | BUDGET WASTE RECYCLING PTY LIMITED | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 3504245 | BUDGET WASTE RECYCLING PTY LIMITED | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 3173541205 | BUDGET WASTE RECYCLING PTY LIMITED | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 20023 | ELGAS LTD | 22 Holbeche Road, ARNDELL PARK, NSW 2148 |
| 1541657 | ELGAS LTD | 22 Holbeche Road, ARNDELL PARK, NSW 2148 |
| 12522 | FITCH ENGINEERING PTY LTD | 3A Contaplas Street, ARNDELL PARK, NSW 2148 |
| 1531779 | FITCH ENGINEERING PTY LTD | 3A Contaplas Street, ARNDELL PARK, NSW 2148 |
| 1545562 | Grasshopper Environmental Pty Ltd | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 1546067 | Grasshopper Environmental Pty Ltd | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 1549181 | Grasshopper Environmental Pty Ltd | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 1549940 | Grasshopper Environmental Pty Ltd | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 1561582 | Grasshopper Environmental Pty Ltd | 311 DOONSIDE ROAD, ARNDELL PARK, NSW 2148 |
| 20233 | MED-X PTY LTD | 9 KENOMA PLACE, ARNDELL PARK, NSW 2148 |
| 1602101 | MED-X PTY LTD | 9 KENOMA PLACE, ARNDELL PARK, NSW 2148 |
| 1605616 | MED-X PTY LTD | 9 KENOMA PLACE, ARNDELL PARK, NSW 2148 |
| 1080811 | ONESTEEL COIL COATERS PTY LTD | 3A Contaplas Street, ARNDELL PARK, NSW 2148 |
| 1093053 | ONESTEEL COIL COATERS PTY LTD | 3A Contaplas Street, ARNDELL PARK, NSW 2148 |
| 1110765 | ONESTEEL COIL COATERS PTY LTD | 3A Contaplas Street, ARNDELL PARK, NSW 2148 |
| 1523535 | ONESTEEL COIL COATERS PTY LTD | 3A Contaplas Street, ARNDELL PARK, NSW 2148 |
| 1042030 | PATRICK DISTRIBUTION PTY LIMITED | 616 GREAT WESTERN HIGHWAY, ARNDELL PARK, NSW 2148 |

| | | |
|---|---|---|
| 21970 | PEPPERCORN FOOD COMPANY PTY LIMITED | 1 PENELOPE CR, ARNDELL PARK, NSW 2148 |
| 6152 | TOLL NORTH PTY LTD | 616 GREAT WESTERN HIGHWAY, ARNDELL PARK, NSW 2148 |
| 1078292 | TOLL NORTH PTY LTD | 616 GREAT WESTERN HIGHWAY, ARNDELL PARK, NSW 2148 |
| 1093348 | TOLL NORTH PTY LTD | 616 GREAT WESTERN HIGHWAY, ARNDELL PARK, NSW 2148 |
| 1103747 | TOLL NORTH PTY LTD | 616 GREAT WESTERN HIGHWAY, ARNDELL PARK, NSW 2148 |
| 1597041 | TOLL NORTH PTY LTD | 616 GREAT WESTERN HIGHWAY, ARNDELL PARK, NSW 2148 |
| 1599801 | TOLL NORTH PTY LTD | 616 GREAT WESTERN HIGHWAY, ARNDELL PARK, NSW 2148 |
| 1603928 | TOLL NORTH PTY LTD | 616 GREAT WESTERN HIGHWAY, ARNDELL PARK, NSW 2148 |
| 7626 | VERSACOLD LOGISTICS LIMITED | 21 HOLBECHE ROAD, ARNDELL PARK, NSW 2148 |
| 1049363 | VERSACOLD LOGISTICS LIMITED | 21 HOLBECHE ROAD, ARNDELL PARK, NSW 2148 |
| 1080439 | VERSACOLD LOGISTICS LIMITED | 21 HOLBECHE ROAD, ARNDELL PARK, NSW 2148 |

| Type | Status | Issued date | LastInspectionDate |
|---|---|---|---|
| POEO licence | Issued | 1-Jul-16 | |
| s.58 Licence Variation | Issued | 5-Jun-19 | |
| s.96 Prevention Notice | Issued | 25-May-22 | |
| s.110 Revocation of Prevention Notice | Issued | 25-Nov-22 | |
| Penalty Notice | Issued | 10-Apr-24 | |
| POEO licence | Issued | 8-Nov-11 | |
| s.58 Licence Variation | Issued | 1-Aug-16 | |
| POEO licence | Surrendered | 30-May-07 | |
| s.80 Surrender of a Licence | Issued | 5-Aug-15 | |
| s.58 Licence Variation | Issued | 17-Oct-16 | |
| s.58 Licence Variation | Issued | 4-Nov-16 | |
| s.58 Licence Variation | Issued | 22-Feb-17 | |
| s.58 Licence Variation | Issued | 17-Mar-17 | |
| s.79 Suspension of a Licence | Issued | 27-Apr-18 | |
| POEO licence | Issued | 3-Sep-13 | |
| s.58 Licence Variation | Issued | 13-Nov-20 | |
| s.58 Licence Variation | Issued | 10-Mar-21 | |
| s.58 Licence Variation | Issued | 3-Dec-07 | |
| s.58 Licence Variation | Issued | 12-Nov-08 | |
| s.58 Licence Variation | Issued | 26-Feb-10 | |
| s.58 Licence Variation | Issued | 24-Jul-14 | |
| s.58 Licence Variation | Issued | 3-Nov-04 | |

| | | | |
|---|---|---|---|
| POEO licence | Pending | | |
| POEO licence | Issued | 18-Sep-00 | |
| s.58 Licence Variation | Issued | 19-Sep-07 | |
| s.58 Licence Variation | Issued | 1-Dec-08 | |
| s.58 Licence Variation | Issued | 14-May-10 | |
| s.58 Licence Variation | Issued | 6-Aug-20 | |
| s.58 Licence Variation | Issued | 18-Nov-20 | |
| s.58 Licence Variation | Issued | 24-Dec-20 | |
| POEO licence | Surrendered | 11-Sep-00 | |
| s.58 Licence Variation | Issued | 4-Jul-05 | |
| s.80 Surrender of a Licence | Issued | 29-Nov-07 | |

| InspectionDueDate | ERADueDate | IssueDate | OrganisationFlag | OrganisationType |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Number | Name | Location |
|---|---|---|
| 1603253 | | 9 Bessemer Street, BLACKTOWN, NSW 2148 |
| 1622142 | | 9 Bessemer Street, BLACKTOWN, NSW 2148 |
| 7030 | AAB HOLDINGS PTY LIMITED | 1A BESSEMER STREET - BUILDING 'B', BLACKTOWN, NSW 2148 |
| 1044177 | AAB HOLDINGS PTY LIMITED | 1A BESSEMER STREET - BUILDING 'B', BLACKTOWN, NSW 2148 |
| 11875 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1026877 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1027013 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1027878 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1028538 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1029183 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1029323 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1030146 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1031401 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |

| | | |
|---|---|---|
| 1031609 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1031731 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1032452 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1032915 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1033263 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1033375 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1034385 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1034551 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1034668 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1035070 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1035691 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |

| | | |
|---|---|---|
| 1035966 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1036176 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1037125 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1037848 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1038049 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1038257 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1038701 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1038953 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1039025 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1039429 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1039597 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |

| | | |
|---|---|---|
| 1039910 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1040169 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1040545 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1040722 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1041089 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1041907 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1042347 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1043230 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1043356 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1044581 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1044942 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |

| | | |
|---|---|---|
| 1045027 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1046060 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1046491 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1047273 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1047725 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1048606 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1049696 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1050193 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1050659 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1050951 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1053100 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |

| | | |
|---|---|---|
| 1053958 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1054427 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 1060875 | ACCIONA INFRASTRUCTURE PROJECTS AUSTRALIA PTY LTD | FROM CONNECTION WITH M5 AT CAMDEN VALLEY WAY TO CONNECTION WITH M2 AT BAULKHAM HILLS, BLACKTOWN, NSW 2148 |
| 4248 | ASHLAR GOLF CLUB LTD | SPRINGFIELD AVE, BLACKTOWN, NSW 2148 |
| 1015003 | ASHLAR GOLF CLUB LTD | SPRINGFIELD AVE, BLACKTOWN, NSW 2148 |
| 1022249 | ASHLAR GOLF CLUB LTD | SPRINGFIELD AVE, BLACKTOWN, NSW 2148 |
| 6197 | BLACKTOWN CUSTOM PACKERS PTY LIMITED | 3-5 ROMFORD ROAD, BLACKTOWN, NSW 2148 |
| 1032991 | BLACKTOWN CUSTOM PACKERS PTY LIMITED | 3-5 ROMFORD ROAD, BLACKTOWN, NSW 2148 |
| 1182 | BORAL RESOURCES (NSW) PTY LTD | FOURTH AVE, BLACKTOWN, NSW 2148 |
| 1015819 | BORAL RESOURCES (NSW) PTY LTD | FOURTH AVE, BLACKTOWN, NSW 2148 |
| 21244 | CLEANAWAY PTY LTD | 9 Bessemer Street, BLACKTOWN, NSW 2148 |
| 1612905 | CLEANAWAY PTY LTD | 9 Bessemer Street, BLACKTOWN, NSW 2148 |
| 7404 | HANS CONTINENTAL SMALL GOODS PTY LTD C/- KORDAMENTHA | 25 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 1055875 | HANS CONTINENTAL SMALL GOODS PTY LTD C/- KORDAMENTHA | 25 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 1107820 | HANS CONTINENTAL SMALL GOODS PTY LTD C/- KORDAMENTHA | 25 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 7682 | HOWDEN BLOWER COMPANY PTY LTD | 20 CHICAGO AVE, BLACKTOWN, NSW 2148 |
| 1014473 | HOWDEN BLOWER COMPANY PTY LTD | 20 CHICAGO AVE, BLACKTOWN, NSW 2148 |
| 1013854 | JBS AUSTRALIA PTY LIMITED | 11 BESSEMER ST, BLACKTOWN, NSW 2148 |
| 20913 | JOHN HOLLAND PTY LTD | Blacktown Railway, BLACKTOWN, NSW 2148 |
| 1566844 | JOHN HOLLAND PTY LTD | Blacktown Railway, BLACKTOWN, NSW 2148 |

| | | |
|---|---|---|
| 5960 | KACKELL PTY. LTD. | 110 SUNNYHOLT ROAD, BLACKTOWN, NSW 2148 |
| 1044344 | KACKELL PTY. LTD. | 110 SUNNYHOLT ROAD, BLACKTOWN, NSW 2148 |
| 10674 | ORLC 92 PTY LTD | 14 Augusta Street, BLACKTOWN, NSW 2148 |
| 1007564 | ORLC 92 PTY LTD | 14 Augusta Street, BLACKTOWN, NSW 2148 |
| 1007566 | ORLC 92 PTY LTD | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1031406 | ORLC 92 PTY LTD | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1077369 | ORLC 92 PTY LTD | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1078918 | ORLC 92 PTY LTD | 14 Augusta Street, BLACKTOWN, NSW 2148 |
| 1527496 | ORLC 92 PTY LTD | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1535768 | ORLC 92 PTY LTD | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1538555 | ORLC 92 PTY LTD | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1540973 | ORLC 92 PTY LTD | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1545327 | ORLC 92 PTY LTD | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 7005 | OSI INTERNATIONAL FOODS (AUSTRALIA) PTY LIMITED | 11 BESSEMER ST, BLACKTOWN, NSW 2148 |
| 1012874 | OSI INTERNATIONAL FOODS (AUSTRALIA) PTY LIMITED | 25 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 1525374 | OSI INTERNATIONAL FOODS (AUSTRALIA) PTY LIMITED | 11 BESSEMER ST, BLACKTOWN, NSW 2148 |
| 3085779712 | OSI INTERNATIONAL FOODS (AUSTRALIA) PTY LIMITED | 11 BESSEMER ST, BLACKTOWN, NSW 2148 |
| 3173525695 | OSI INTERNATIONAL FOODS (AUSTRALIA) PTY LIMITED | 11 BESSEMER ST, BLACKTOWN, NSW 2148 |
| 1585527 | OSI INTERNATIONAL FOODS (AUSTRALIA) PTY LIMITED | 11 BESSEMER ST, BLACKTOWN, NSW 2148 |
| 5069 | Red Lea Chickens Pty Ltd | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1559965 | Red Lea Chickens Pty Ltd | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |
| 1574597 | Red Lea Chickens Pty Ltd | 421-427 FLUSHCOMBE ROAD, BLACKTOWN, NSW 2148 |

| | | |
|---|---|---|
| 21243 | SNACKBRANDS AUSTRALIA PTY LTD | 30 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 3173541800 | SNACKBRANDS AUSTRALIA PTY LTD | 30 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 6987 | SYDNEY WEST AREA HEALTH SERVICE | BLACKTOWN ROAD, BLACKTOWN, NSW 2148 |
| 1041629 | SYDNEY WEST AREA HEALTH SERVICE | BLACKTOWN ROAD, BLACKTOWN, NSW 2148 |
| 1270 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 1015843 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 1057365 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 1072475 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 1093661 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 1097487 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 1106310 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 1524616 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 1529984 | VALSPAR PAINT (AUSTRALIA) PTY LIMITED | 4 STEEL STREET, BLACKTOWN, NSW 2148 |
| 5157 | VISY PAPER PTY LIMITED | 9 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 1021922 | VISY PAPER PTY LIMITED | 9 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 1095617 | VISY PAPER PTY LIMITED | 9 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 1117210 | VISY PAPER PTY LIMITED | 9 BESSEMER STREET, BLACKTOWN, NSW 2148 |
| 1019125 | WESTERN SYDNEY AREA HEALTH SERVICE | BLACKTOWN ROAD, BLACKTOWN, NSW 2148 |

| Type | Status | Issued date | LastInspectionDate |
|---|---|---|---|
| s.58 Licence Variation | Issued | 27-Nov-20 | |
| s.80 Surrender of a Licence | Issued | 23-Jan-23 | |
| POEO licence | No longer in force | 16-Nov-00 | |
| s.58 Licence Variation | Issued | 8-Feb-05 | |
| POEO licence | Surrendered | 10-Apr-03 | |
| s.58 Licence Variation | Issued | 28-Apr-03 | |
| s.58 Licence Variation | Issued | 7-May-03 | |
| s.58 Licence Variation | Issued | 16-Jun-03 | |
| s.58 Licence Variation | Issued | 3-Jul-03 | |
| s.58 Licence Variation | Issued | 17-Jul-03 | |
| s.58 Licence Variation | Issued | 22-Jul-03 | |
| s.58 Licence Variation | Issued | 1-Sep-03 | |
| s.58 Licence Variation | Issued | 30-Sep-03 | |

| | | | |
|---|---|---|---|
| s.58 Licence Variation | Issued | 10-Oct-03 | |
| s.58 Licence Variation | Issued | 15-Oct-03 | |
| s.58 Licence Variation | Issued | 27-Nov-03 | |
| s.58 Licence Variation | Issued | 8-Dec-03 | |
| s.58 Licence Variation | Issued | 16-Dec-03 | |
| s.58 Licence Variation | Issued | 19-Dec-03 | |
| s.58 Licence Variation | Issued | 5-Feb-04 | |
| s.58 Licence Variation | Issued | 13-Feb-04 | |
| s.58 Licence Variation | Issued | 25-Feb-04 | |
| s.58 Licence Variation | Issued | 5-Mar-04 | |
| s.58 Licence Variation | Issued | 26-Mar-04 | |

| | | | |
|---|---|---|---|
| s.58 Licence Variation | Issued | 6-Apr-04 | |
| s.58 Licence Variation | Issued | 4-May-04 | |
| s.58 Licence Variation | Issued | 27-May-04 | |
| s.58 Licence Variation | Issued | 11-Jun-04 | |
| s.58 Licence Variation | Issued | 21-Jun-04 | |
| s.58 Licence Variation | Issued | 24-Jun-04 | |
| s.58 Licence Variation | Issued | 2-Jul-04 | |
| s.58 Licence Variation | Issued | 14-Jul-04 | |
| s.58 Licence Variation | Issued | 20-Jul-04 | |
| s.58 Licence Variation | Issued | 3-Aug-04 | |
| s.58 Licence Variation | Issued | 6-Aug-04 | |

| | | | |
|---|---|---|---|
| s.58 Licence Variation | Issued | 16-Aug-04 | |
| s.58 Licence Variation | Issued | 2-Sep-04 | |
| s.58 Licence Variation | Issued | 10-Sep-04 | |
| s.58 Licence Variation | Issued | 24-Sep-04 | |
| s.58 Licence Variation | Issued | 1-Oct-04 | |
| s.58 Licence Variation | Issued | 9-Nov-04 | |
| s.58 Licence Variation | Issued | 18-Nov-04 | |
| s.58 Licence Variation | Issued | 20-Dec-04 | |
| s.58 Licence Variation | Issued | 14-Jan-05 | |
| s.58 Licence Variation | Issued | 17-Feb-05 | |
| s.58 Licence Variation | Issued | 1-Mar-05 | |

| | | | |
|---|---|---|---|
| s.58 Licence Variation | Issued | 3-Mar-05 | |
| s.58 Licence Variation | Issued | 30-Mar-05 | |
| s.58 Licence Variation | Issued | 15-Apr-05 | |
| s.58 Licence Variation | Issued | 6-May-05 | |
| s.58 Licence Variation | Issued | 1-Jun-05 | |
| s.58 Licence Variation | Issued | 16-Jun-05 | |
| s.58 Licence Variation | Issued | 14-Jul-05 | |
| s.58 Licence Variation | Issued | 8-Aug-05 | |
| s.58 Licence Variation | Issued | 10-Aug-05 | |
| s.58 Licence Variation | Issued | 6-Sep-05 | |
| s.58 Licence Variation | Issued | 21-Nov-05 | |

| | | | |
|---|---|---|---|
| s.58 Licence Variation | Issued | 7-Dec-05 | |
| s.58 Licence Variation | Issued | 14-Dec-05 | |
| s.80 Surrender of a Licence | Issued | 25-May-06 | |
| POEO licence | Surrendered | 13-Jul-00 | |
| s.58 Licence Variation | Issued | 14-Feb-02 | |
| s.80 Surrender of a Licence | Issued | 11-Nov-02 | |
| POEO licence | Surrendered | 30-May-00 | |
| s.80 Surrender of a Licence | Issued | 5-Dec-03 | |
| POEO licence | No longer in force | 22-Aug-00 | |
| s.91 Clean Up Notice | Issued | 15-Mar-02 | |
| POEO licence | Surrendered | 18-Feb-20 | |
| s.58 Licence Variation | Issued | 18-Oct-21 | |
| POEO licence | Surrendered | 26-Jul-00 | |
| s.58 Licence Variation | Issued | 3-Apr-06 | |
| s.80 Surrender of a Licence | Issued | 20-Oct-09 | |
| POEO licence | Surrendered | 27-Jun-00 | |
| s.80 Surrender of a Licence | Issued | 23-Jan-02 | |
| s.58 Licence Variation | Issued | 7-Feb-02 | |
| POEO licence | Surrendered | 20-Apr-17 | |
| s.80 Surrender of a Licence | Issued | 1-Aug-18 | |

| | | | |
|---|---|---|---|
| POEO licence | No longer in force | 22-Dec-99 | |
| s.58 Licence Variation | Issued | 8-Feb-05 | |
| POEO licence | Surrendered | 26-Jun-00 | |
| s.58 Licence Variation | Issued | 30-Oct-01 | |
| s.58 Licence Variation | Issued | 30-Oct-01 | |
| s.58 Licence Variation | Issued | 11-Nov-03 | |
| s.58 Licence Variation | Issued | 5-Sep-07 | |
| s.80 Surrender of a Licence | Issued | 11-Oct-07 | |
| s.58 Licence Variation | Issued | 9-Mar-15 | |
| s.58 Licence Variation | Issued | 8-Dec-15 | |
| s.58 Licence Variation | Issued | 1-Mar-16 | |
| s.58 Licence Variation | Issued | 6-Jun-16 | |
| s.58 Licence Variation | Issued | 10-Aug-17 | |
| POEO licence | Surrendered | 26-Jun-00 | |
| s.58 Licence Variation | Issued | 23-Jan-02 | |
| s.58 Licence Variation | Issued | 14-Oct-14 | |
| Penalty Notice | Issued | 29-Jun-16 | |
| Penalty Notice | Issued | 28-May-18 | |
| s.80 Surrender of a Licence | Issued | 2-Oct-19 | |
| POEO licence | Revoked | 24-Aug-00 | |
| s.58 Licence Variation | Issued | 24-Jan-18 | |
| s.79 Revocation of a Licence | Issued | 3-Sep-19 | |

| | | | |
|---|---|---|---|
| POEO licence | Issued | 28-Jan-21 | |
| Penalty Notice | Issued | 18-Oct-24 | |
| POEO licence | No longer in force | 15-Aug-00 | |
| s.58 Licence Variation | Issued | 20-Oct-04 | |
| POEO licence | Surrendered | 28-Jun-00 | |
| s.58 Licence Variation | Issued | 19-Nov-03 | |
| s.58 Licence Variation | Issued | 7-Apr-06 | |
| s.58 Licence Variation | Issued | 31-Aug-07 | |
| s.58 Licence Variation | Issued | 15-Dec-08 | |
| s.58 Licence Variation | Issued | 5-Feb-09 | |
| s.58 Licence Variation | Issued | 2-Mar-10 | |
| s.58 Licence Variation | Issued | 17-Oct-14 | |
| s.80 Surrender of a Licence | Issued | 6-May-15 | |
| POEO licence | Surrendered | 11-Jul-00 | |
| s.58 Licence Variation | Issued | 9-Jan-03 | |
| s.58 Licence Variation | Issued | 19-Dec-08 | |
| s.80 Surrender of a Licence | Issued | 13-Jul-10 | |
| s.58 Licence Variation | Issued | 25-Jul-02 | |

| InspectionDueDate | ERADueDate | IssueDate | OrganisationFlag | OrganisationType |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

| Number | Name | Location |
|---|---|---|
| 1590738 | | 2 Healey Circuit, HUNTINGWOOD, NSW 2148 |
| 1620520 | | 2 Healey Circuit, HUNTINGWOOD, NSW 2148 |
| 12252 | ALFA LAVAL AUSTRALIA PTY LTD | 14 Healey Circuit, HUNTINGWOOD, NSW 2148 |
| 1055877 | ALFA LAVAL AUSTRALIA PTY LTD | 14 Healey Circuit, HUNTINGWOOD, NSW 2148 |
| 1061523 | ALFA LAVAL AUSTRALIA PTY LTD | 14 Healey Circuit, HUNTINGWOOD, NSW 2148 |
| 21251 | COOKERS BULK OIL SYSTEM PTY LTD | 2 Healey Circuit, HUNTINGWOOD, NSW 2148 |
| 11284 | GLAXOSMITHKLINE AUSTRALIA PTY LTD | 1 Decker Place, HUNTINGWOOD, NSW 2148 |
| 1035273 | GLAXOSMITHKLINE AUSTRALIA PTY LTD | 1 Decker Place, HUNTINGWOOD, NSW 2148 |
| 1056382 | GLAXOSMITHKLINE AUSTRALIA PTY LTD | 1 Decker Place, HUNTINGWOOD, NSW 2148 |
| 11078 | SCIENTIFIC GAMES PRODUCTS (AUSTRALIA) PTY LTD | 4 Ford Street, HUNTINGWOOD, NSW 2148 |
| 1035030 | SCIENTIFIC GAMES PRODUCTS (AUSTRALIA) PTY LTD | 4 Ford Street, HUNTINGWOOD, NSW 2148 |
| 10873 | SIGMA COACHAIR GROUP PTY LTD | 3 Distillers Place, HUNTINGWOOD, NSW 2148 |
| 1035148 | SIGMA COACHAIR GROUP PTY LTD | 3 Distillers Place, HUNTINGWOOD, NSW 2148 |
| 1014827 | SMITHKLINE BEECHAM (AUSTRALIA) PTY LIMITED | 1 Decker Place, HUNTINGWOOD, NSW 2148 |
| 6565 | SONY DADC AUSTRALIA PTY LIMITED | 60 HUNTINGWOOD DRIVE, HUNTINGWOOD, NSW 2148 |
| 1046168 | SONY DADC AUSTRALIA PTY LIMITED | 60 HUNTINGWOOD DRIVE, HUNTINGWOOD, NSW 2148 |
| 12157 | WARTSILA AUSTRALIA PTY LTD | 48 Huntingwood Drive, HUNTINGWOOD, NSW 2148 |

| Type | Status | Issued date | LastInspectionDate |
|---|---|---|---|
| s.58 Licence Variation | Issued | 6-Feb-20 | |
| s.58 Licence Variation | Issued | 23-Sep-22 | |
| POEO licence | No longer in force | 13-May-05 | |
| s.58 Licence Variation | Issued | 15-Mar-06 | |
| s.58 Licence Variation | Issued | 9-Jun-06 | |
| POEO licence | Issued | 25-Nov-19 | |
| POEO licence | Surrendered | 2-Nov-00 | |
| s.58 Licence Variation | Issued | 11-Mar-04 | |
| s.80 Surrender of a Licence | Issued | 28-Feb-06 | |
| POEO licence | No longer in force | 4-Aug-00 | |
| s.58 Licence Variation | Issued | 4-Mar-04 | |
| POEO licence | No longer in force | 28-Aug-00 | |
| s.58 Licence Variation | Issued | 24-Mar-04 | |
| s.58 Licence Variation | Issued | 7-Feb-02 | |
| POEO licence | No longer in force | 28-Mar-00 | |
| s.58 Licence Variation | Issued | 4-Apr-05 | |
| POEO licence | No longer in force | 29-Jul-04 | |

| InspectionDueDate | ERADueDate | IssueDate | OrganisationFlag | OrganisationType |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

# Search the register

**Search by address**

Start typing and select an option

Honeman Cl, Blacktown NSW 2148, Australia

**No match found**

A search match was not found in the Loose-fill Asbestos Insulation Register.

This information is correct at the time of the search.

**Address searched**

Honeman Cl, Blacktown NSW 2148, Australia

## Background

A strategy to systematically prioritise, assess and respond to notifications under Section 60 of the ***Contaminated Land Management Act 1997*** (CLM Act) has been developed by the EPA. This strategy acknowledges the EPA's obligations to make information available to the public under ***Government Information (Public Access) Act 2009***.

When a site is notified to the EPA, it may be accompanied by detailed site reports where the owner has been proactive in addressing the contamination and its source. However, often there is minimal information on the nature or extent of the contamination.

After receiving a report, the first step is to confirm that the report does not relate to a pollution incident. The Protection of the Environment Operations Act 1997 (POEO Act) deals with pollution incidents, waste stockpiling or dumping. The EPA also has an incident management process to manage significant incidents (https://www.epa.nsw.gov.au/reporting-and-incidents/incident-management).

In many cases, the information indicates the contamination is securely immobilised within the site, such as under a building or carpark, and is not currently causing any significant risks for the community or environment. Such sites may still need to be cleaned up, but this can be done in conjunction with any subsequent building or redevelopment of the land. These sites do not require intervention under the CLM Act, and are dealt with through the planning and development consent process. In these cases, the EPA informs the local council or other planning authority, so that the information can be recorded and considered at the appropriate time (https://www.epa.nsw.gov.au/your-environment/contaminated-land/managing-contaminated-land/role-of-planning-authorities).

Where indications are that the contamination could cause actual harm to the environment or an unacceptable offsite impact (i.e. the land is 'significantly contaminated'), the EPA would apply the regulatory provisions of the CLM Act to have the responsible polluter and/or landowner investigate and remediate the site. If the reported contamination could present an immediate or long-term threat to human health NSW Health will be consulted. SafeWork NSW and Water NSW can also be consulted if there appear to be occupational health and safety risks or an impact on groundwater quality.

As such, the sites notified to the EPA and presented in the list of contaminated sites notified to the EPA are at various stages of the assessment and remediation process. Understanding the nature of the underlying contamination, its implications and implementing a remediation program where required, can take a considerable period of time. The list provides an indication, in relation to each nominated site, as to the management status of that particular site. Further detailed information may be available from the EPA or the person who notified the site.

The following questions and answers may assist those interested in this issue.

## Frequently asked questions

**Why does my land appear on the list of notified sites?**

Your land may appear on the list because:

- the site owner and/or the polluter has notified the EPA under section 60 of the CLM Act
- the EPA has been notified via other means and is satisfied that the site is or was contaminated.

If a site is on the list, it does not necessarily mean the contamination is significant enough to regulate under the CLM Act.

**Does the list contain all contaminated sites in NSW?**

No. The list only contains contaminated sites that EPA is aware of. If a site is not on the list, it does not necessarily mean the site is not contaminated.

The EPA relies on responsible parties and the public to notify contaminated sites.

**How are notified contaminated sites managed by the EPA?**

There are different ways the EPA can manage notified contaminated sites. Options include:

• regulation under the CLM Act, POEO Act, or both
• notifying the relevant planning authority for management under the planning and development process
• managing the site under the Protection of the Environment Operation (Underground Petroleum Storage Systems) Regulation 2014.

There are specific cases where contamination is managed under a tailored program operated by another agency (for example, the Resources & Geoscience's Legacy Mines Program).

**What should I do if I am a potential buyer of a site that appears on the list?**

You should seek advice from the seller to understand the contamination issue. You may need to seek independent contamination or legal advice.

The information provided in the list is indicative only and a starting point for your own assessment. Land contamination from past site uses is common, mainly in urban environments. If the site is properly remediated or managed, it may not affect the intended future use of the site.

**Who can I contact if I need more information about a site?**

You can contact the Environment Line at any time by calling 131 555 or by emailing info@environment.nsw.gov.au.

## List of NSW Contaminated Sites Notified to the EPA

**Disclaimer**

The EPA has taken all reasonable care to ensure that the information in the list of contaminated sites notified to the EPA (the list) is complete and correct. The EPA does not, however, warrant or represent that the list is free from errors or omissions or that it is exhaustive.

The EPA may, without notice, change any or all of the information in the list at any time.

You should obtain independent advice before you make any decision based on the information in the list.

The list is made available on the understanding that the EPA, its servants and agents, to the extent permitted by law, accept no responsibility for any damage, cost, loss or expense incurred by you as a result of:

1. any information in the list; or
2. any error, omission or misrepresentation in the list; or
3. any malfunction or failure to function of the list;
4. without limiting (2) or (3) above, any delay, failure or error in recording, displaying or updating information.

| Site Status | Explanation |
|---|---|
| Under assessment | The contamination is being assessed by the EPA to determine whether regulation is required. The EPA may require further information to complete the assessment. For example, the completion of management actions regulated under the planning process or *Protection of the Environment Operations Act 1997*. |
| Under Preliminary Investigation Order | The EPA has issued a Preliminary Investigation Order under s10 of the *Contaminated Land Management Act 1997*, to obtain additional information needed to complete the assessment. |
| Regulation under CLM Act not required | The EPA has completed an assessment of the contamination and decided that regulation under the *Contaminated Land Management Act 1997* is not required. |

| | |
|---|---|
| Regulation being finalised | The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the *Contaminated Land Management Act 1997*. A regulatory approach is being finalised. |
| Contamination currently regulated under CLM Act | The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation under the Contaminated Land Management Act 1997 (CLM Act). Management of the contamination is regulated by the EPA under the CLM Act. Regulatory notices are available on the EPA's Contaminated Land Public Record. |
| Contamination currently regulated under POEO Act | Contamination is currently regulated under the Protection of the Environment Operations Act 1997 (POEO Act). The EPA as the appropriate regulatory authority reasonably suspects that a pollution incident is occurring/ has occurred and that it requires regulation under the POEO Act. The EPA may use environment protection notices, such as clean up notices, to require clean up action to be taken. Such regulatory notices are available on the POEO public register. |
| Contamination being managed via the planning process (EP&A Act) | The EPA has completed an assessment of the contamination and decided that the contamination is significant enough to warrant regulation. The contamination of this site is managed by the consent authority under the *Environmental Planning and Assessment Act 1979* (EP&A Act) planning approval process, with EPA involvement as necessary to ensure significant contamination is adequately addressed. The consent authority is typically a local council or the Department of Planning and Environment. |
| Contamination formerly regulated under the CLM Act | The EPA has determined that the contamination is no longer significant enough to warrant regulation under the *Contaminated Land Management Act 1997* (CLM Act). The contamination was addressed under the CLM Act. |
| Contamination formerly regulated under the POEO Act | The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed under the *Protection of the Environment Operations Act 1997* (POEO Act). |

| | |
|---|---|
| Contamination was addressed via the planning process (EP&A Act) | The EPA has determined that the contamination is no longer significant enough to warrant regulation. The contamination was addressed by the appropriate consent authority via the planning process under the *Environmental Planning and Assessment Act 1979* (EP&A Act). |
| Ongoing maintenance required to manage residual contamination (CLM Act) | The EPA has determined that ongoing maintenance, under the Contaminated Land Management Act 1997 (CLM Act), is required to manage the residual contamination. Regulatory notices under the CLM Act are available on the EPA's Contaminated Land Public Record. |

| Suburb | SiteName | Address | ContaminationActivityType | ManagementClass | Latitude | Longitude |
|---|---|---|---|---|---|---|
| ARMIDALE | Martin Street, Crown Land | Martin STREET | Other Industry | Contamination formerly regulated under the CLM Act | -30.50414076 | 151.6429516 |
| ARMIDALE | Former Shell Depot | 134 Niagara STREET | Other Petroleum | Regulation under CLM Act not required | -30.51180178 | 151.6488634 |
| ARMIDALE | Caltex Service Station | 144 Marsh STREET | Service Station | Regulation under CLM Act not required | -30.51709925 | 151.6675802 |
| ARMIDALE | Caltex North Hill Service Station | 2-4 Marsh STREET | Service Station | Regulation under CLM Act not required | -30.50320439 | 151.6727051 |
| ARMIDALE | Mobil Armidale Service Station and Former Depot | 10-12 McLennan STREET | Service Station | Regulation under CLM Act not required | -30.51107573 | 151.648242 |
| ARMIDALE | Caltex Service Station | 19/10541 New England HIGHWAY | Service Station | Regulation under CLM Act not required | -30.53210764 | 151.6160492 |
| ARMIDALE | Armidale Dumaresq Council Grafton Road Depot | 15-25 Grafton ROAD | Other Petroleum | Regulation under CLM Act not required | -30.52058076 | 151.6815261 |
| ARNCLIFFE | 7-Eleven Arncliffe | 28 Princes HIGHWAY | Service Station | Regulation under CLM Act not required | -33.93428397 | 151.1525438 |
| ARNCLIFFE | Combined Projects Arncliffe | 104-128 Princes HIGHWAY | Other Industry | Regulation under CLM Act not required | -33.93783874 | 151.1494559 |
| ARTARMON | 7-Eleven (former Mobil) Artarmon Service Station | 477 Pacific HIGHWAY | Service Station | Regulation under CLM Act not required | -33.81053826 | 151.1774248 |
| ASHBY | Ashby Dry Dock | via Clarence STREET | Other Industry | Contamination formerly regulated under the CLM Act | -29.44158377 | 153.1972304 |
| ASHFIELD | 7-Eleven Ashfield | 132 Liverpool Road STREET | Service Station | Contamination formerly regulated under the CLM Act | -33.89057897 | 151.1295498 |
| ASHFIELD | Vehicle Workshop | 445-449 Liverpool ROAD | Service Station | Regulation under CLM Act not required | -33.88826829 | 151.1167477 |
| ASQUITH | BP Service Station | 462 Pacific HIGHWAY | Service Station | Regulation under CLM Act not required | -33.68982678 | 151.106156 |
| ATTUNGA | Attunga Limestone Mine (Waste Oil Site) | Garthowen ROAD | Other Industry | Regulation under CLM Act not required | -30.92920627 | 150.8579435 |

| Suburb | SiteName | Address | ContaminationActivityType | ManagementClass | Latitude | Longitude |
|---|---|---|---|---|---|---|
| BERRY | Former Service Station Berry | 75 Queen STREET | Service Station | Contamination formerly regulated under the POEO Act | -34.77500516 | 150.695167 |
| BEXLEY | 7-Eleven Bexley | 474 Forest ROAD | Service Station | Regulation under CLM Act not required | -33.95160096 | 151.1252355 |
| BEXLEY | 7-Eleven (former Mobil) Service Station Bexley | 613 Forest ROAD | Service Station | Regulation under CLM Act not required | -33.95539246 | 151.118447 |
| BILAMBIL HEIGHTS | Former Banana Plantation Land | 38 McAllisters ROAD | Other Industry | Regulation under CLM Act not required | -28.21218056 | 153.4778762 |
| BILLINUDGEL | CSR Readymix | Mogo PLACE | Other Industry | Regulation under CLM Act not required | -28.50210255 | 153.5278161 |
| BILLINUDGEL | Billinudgel General Store | 2A Wilfred STREET | Service Station | Under assessment | -28.50210255 | 153.5278161 |
| BLACKMANS FLAT | Mount Piper Extension Development Site | 2847 Boulder ROAD | Other Industry | Regulation under CLM Act not required | -33.35619968 | 150.0279881 |
| BLACKMANS FLAT | Western Coal Services (former Lamberts Gully Mine) | Castlereagh HIGHWAY | Other Industry | Regulation under CLM Act not required | -33.36713827 | 150.0483236 |
| BLACKTOWN | Former Caltex Service Station | 131 Richmond ROAD | Service Station | Regulation under CLM Act not required | -33.75866104 | 150.8962614 |
| BLACKTOWN | Valspar Blacktown | 4 Steel STREET | Chemical Industry | Regulation under CLM Act not required | -33.75425018 | 150.9127714 |
| BLACKTOWN | Harpers Bush (Reserve 752) | Reservoir ROAD | Unclassified | Regulation under CLM Act not required | -33.79119448 | 150.8967838 |
| BLACKTOWN | 7-Eleven Service Station | 60 Walters ROAD | Service Station | Regulation under CLM Act not required | -33.77599783 | 150.8948926 |
| BLAKEHURST | Woolworths Service Station Blakehurst | 390 Princes HIGHWAY | Service Station | Contamination currently regulated under CLM Act | -33.99019694 | 151.1135663 |
| BLAKEHURST | The Bay Nursing Home | 392 & 394 Princes HIGHWAY | Service Station | Regulation under CLM Act not required | -33.99030465 | 151.1140293 |
| BLAXLAND | 7-Eleven (former Mobil) Service Station | 137 Great Western HIGHWAY | Service Station | Regulation under CLM Act not required | -33.74627 | 150.6137669 |

| Suburb | SiteName | Address | ContaminationActivityType | ManagementClass | Latitude | Longitude |
|---|---|---|---|---|---|---|
| HORNSBY | Midas Car Care Centre Hornsby | 2A Linda STREET | Other Industry | Regulation under CLM Act not required | -33.70052215 | 151.1004786 |
| HORNSBY | Coles Express Hornsby | 194- 206 Pacific HIGHWAY | Service Station | Contamination formerly regulated under the CLM Act | -33.7071993 | 151.0991452 |
| HORNSBY | Hornsby Train Maintenance Centre | 1B Stephen STREET | Other Industry | Regulation under CLM Act not required | -33.69370022 | 151.1035939 |
| HORNSBY HEIGHTS | Mountview Park and Oval | Kookaburra ROAD | Landfill | Regulation under CLM Act not required | -33.666253 | 151.094804 |
| HORNSBY HEIGHTS | Hornsby Height Wastewater Treatment Plant | 20 Pike ROAD | Landfill | Under assessment | 33.667385 | 151.104304 |
| HORSELY PARK | Horsley Park | Part of 14 Johnston CRESCENT | Landfill | Under assessment | -33.666253 | 151.094804 |
| HOXTON PARK | Endeavour Energy Hoxton Park | 490 Hoxton Park ROAD | Other Industry | Regulation under CLM Act not required | -33.92766437 | 150.8689069 |
| HUNTERS HILL | Coles Express Hunters Hill | 4 Ryde ROAD | Service Station | Regulation under CLM Act not required | -33.8317985 | 151.141655 |
| HUNTERS HILL | Foreshore Land | Rear of 7, 9 & 11 Nelson PARADE | Other Industry | Contamination currently regulated under CLM Act | -33.84248362 | 151.1649249 |
| HUNTERS HILL | 7, 9 and 11 Nelson Parade Hunters Hill | 7, 9 and 11 Nelson PARADE | Other Industry | Regulation under CLM Act not required | -33.84220148 | 151.1649724 |
| HURLSTONE PARK | Former Telstra Depot | 82 Canterbury ROAD | Service Station | Regulation under CLM Act not required | -33.90803171 | 151.1258121 |
| HURLSTONE PARK | Former Speedway Petroleum Service Station | 610 - 618 New Canterbury ROAD | Service Station | Contamination formerly regulated under the CLM Act | -33.90541228 | 151.1322009 |
| HURLSTONE PARK | 7-Eleven Hurlstone Park | 670 New Canterbury ROAD | Service Station | Regulation under CLM Act not required | -33.90510388 | 151.1299825 |
| HURSTVILLE GROVE | Moore Reserve | Morshead DRIVE | Landfill | Contamination currently regulated under CLM Act | -33.97920603 | 151.0873578 |
| INGLEBURN | 7-Eleven Ingleburn | 72 Cumberland Road, corner Oxford ROAD | Service Station | Regulation under CLM Act not required | -34.00041505 | 150.8679742 |

# The NSW Government PFAS Investigation Program

View a map of the sites in NSW that may be contaminated with PFAS, learn how to reduce your exposure to these dangerous chemicals, and read about our investigation of the issue.

The EPA is leading an investigation program to assess the legacy of PFAS use across NSW. With the assistance of the NSW PFAS Technical Advisory Group, which includes NSW Health, Department of Primary Industries and the Office of Environment and Heritage, we provide impacted residents with tailored, precautionary dietary advice to help them reduce any exposure to PFAS.

Current investigations are focused on sites where it is likely that large quantities of PFAS have been used. The EPA is currently investigating PFAS at these sites:

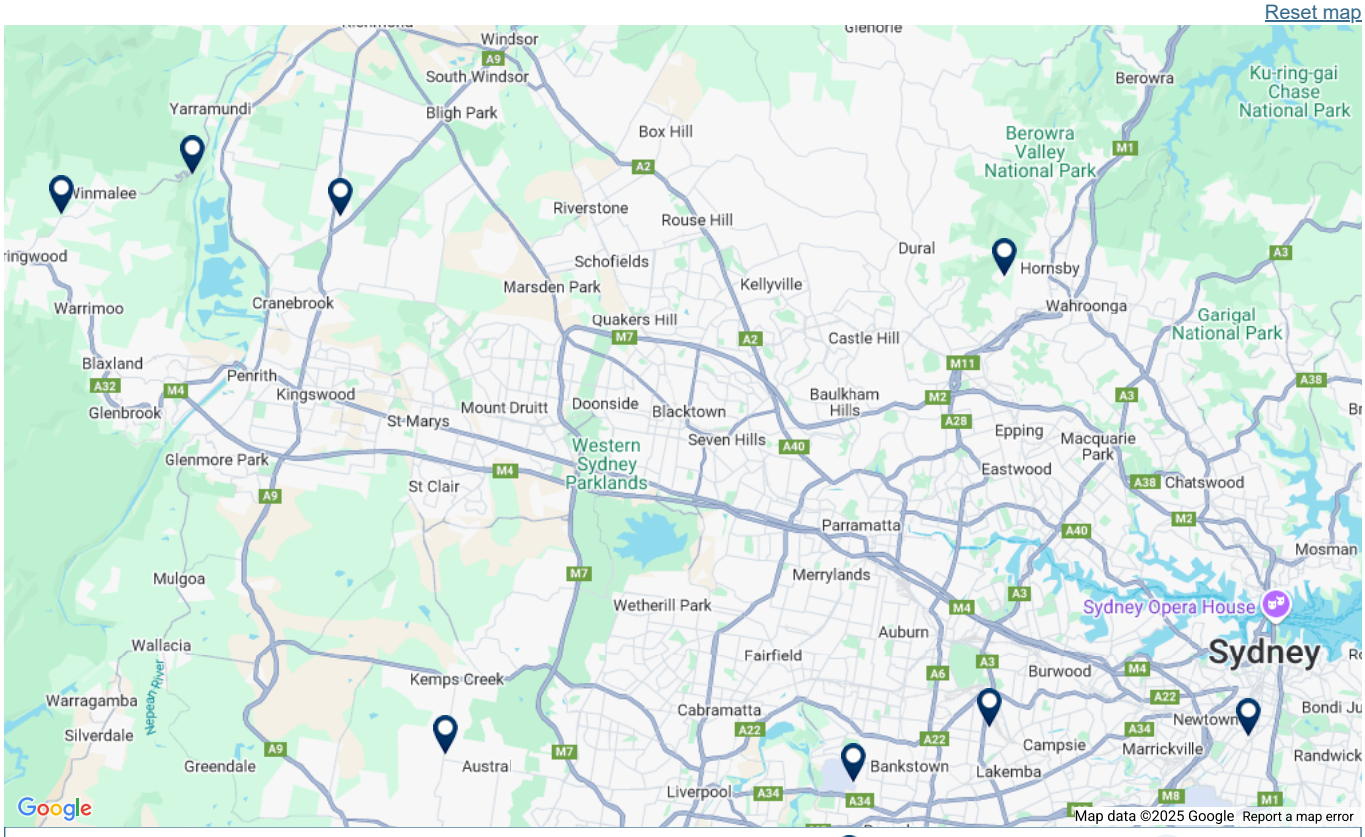
Map view | List view

## Map view

**Filter by:** No filter set

Showing 8 of 51 sites

Reset map




## Sampling and analysis

The EPA is collecting samples of soils and/or waters for analysis for PFAS. The EPA is also looking for exposure pathways that may increase people's contact with the chemicals, such as bore and surface water usage.

If significant levels are detected and human or ecological exposure is likely, a more detailed assessment will be undertaken.

The EPA will work with the occupiers and owners of these sites, or the responsible parties, to clean-up the site, where necessary.

## Timeframes for the investigation

The initial investigations can take approximately six months, with further testing undertaken where required.

Test findings are made available throughout the investigations.

More information is available on the NSW EPA PFAS investigation process page.

# Release of draft PFAS National Environmental Management Plan version 3

The PFAS National Environmental Management Plan (PFAS NEMP) provides a practical basis for nationally consistent environmental guidelines and standards for investigating, assessing and managing PFAS waste and contamination.

The Commonwealth Department of Climate Change, Energy, the Environment and Water (DCCEEW) has now released the draft PFAS NEMP version 3.0 (NEMP 3.0).

NEMP 3.0 builds on previous versions and includes additional guidance on the following priority areas:

- Theme 1: PFAS family – international approaches to grouping of PFASs.
- Theme 2: Environmental data and monitoring - guidance on ambient monitoring data collection and land use classifications to enable comparability.
- Theme 3: Water-risk-based criteria and guidance for beneficial reuse of biosolids.
- Theme 4: Soil - guidance and standards around PFAS behaviour in soil, including leaching and associated ecological and human health guidance. It finalises and reviews two guideline values already in the NEMP and proposes two new guideline values for soil and one for wildlife diet.
- Theme 5: Resource recovery and waste - guidance on management of risks associated with PFAS in resource recovery products.
- Theme 6: Site specific guidance - guidance on principles and approaches to remediation and management; guidance on construction water; and guidance on estuarine, coastal and marine sediment.

# Have your say on NEMP 3.0

You can provide feedback on NEMP 3.0 by lodging a submission online, or by attending a public consultation session.

You feedback will help to ensure that NEMP 3.0 is fit for purpose in continuing to provide useful and nationally consistent guidance and standards on PFAS contamination.

All feedback received will be considered by the National Chemicals Working Group before NEMP 3.0 is finalised. An ancillary document summarising the feedback and the responses made is expected to be published by DCCEEW.

### Online consultation

Online public consultation is currently underway and will be available until **4pm AEDT 20 December 2022**.

You can find more information about submitting feedback online on the DCCEEW page.

## NSW consultation session

We will publish more information about our public consultation session on this page when it becomes available.

# Working with our stakeholders

The NSW Government is committed to working closely with all relevant government agencies, to closely monitor the progress of investigations, and to keep local communities informed. Government agencies include local councils, NSW Department of Primary Industries, NSW Health, NSW Food Authority, and where necessary the Commonwealth Department of Defence, and Commonwealth Department of Health.

In NSW the polluter pays for and manages any clean-up required. Although the NSW Government cannot regulate Defence sites, it has outlined expectations that Defence will carry out investigations in a timely manner that is consistent with the EPA's requirements and processes.

# More information

- PFAS investigation program fact sheet (PDF 213KB)
- PFAS investigation program FAQs page
- NSW Department of Health
- For specific health inquiries call the NSW Department of Health on **1300 066 055**
- If you have any questions about the EPA's PFAS investigation program, please call the Environment Line on **131 555** or email info@environment.nsw.gov.au

*Page last updated 21 November 2023*

Please consider the environment before printing.

**Public registers**

+ POEO Public Register
– Contaminated land record of notices
  - About the record of notices
  - List of notified sites
  - Tips for searching
  - Disclaimer
- Dangerous goods licences
- Pesticide licences
- Radiation licences

Home | Public registers | Contaminated land record of notices

# Search results

Your search for: Suburb: ARNDELL PARK

Search Again | Refine Search

did not find any records in our database.

If a site does not appear on the record it may still be affected by contamination. For example:

- Contamination may be present but the site has not been regulated by the EPA under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985.
- The EPA may be regulating contamination at the site through a licence or notice under the Protection of the Environment Operations Act 1997 (POEO Act).
- Contamination at the site may be being managed under the planning process.

**Search TIP**

To search for a specific site, search by LGA (local government area) and carefully review all sites listed.

... more search tips

More information about particular sites may be available from:

- The POEO public register
- The appropriate planning authority: for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act.

See What's in the record and What's not in the record.

If you want to know whether a specific site has been the subject of notices issued by the EPA under the CLM Act, we suggest that you search by Local Government Area only and carefully review the sites that are listed.
This public record provides information about sites regulated by the EPA under the Contaminated Land Management Act 1997, including sites currently and previously regulated under the Environmentally Hazardous Chemicals Act 1985. Your inquiry using the above search criteria has not matched any record of current or former regulation. You should consider searching again using different criteria. The fact that a site does not appear on the record does not necessarily mean that it is not affected by contamination. The site may have been notified to the EPA but not yet assessed, or contamination may be present but the site is not yet being regulated by the EPA. Further information about particular sites may be available from the appropriate planning authority, for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act. In addition the EPA may be regulating contamination at the site through a licence under the Protection of the Environment Operations Act 1997. You may wish to search the POEO public register.POEO public register

13 January 2025

**Public registers**

+ POEO Public Register
– Contaminated land record of notices
  - About the record of notices
  - List of notified sites
  - Tips for searching
  - Disclaimer
- Dangerous goods licences
- Pesticide licences
- Radiation licences

Home  Public registers  Contaminated land record of notices

# Search results

Your search for: Suburb: BLACKTOWN

Search Again  Refine Search

did not find any records in our database.

If a site does not appear on the record it may still be affected by contamination. For example:

- Contamination may be present but the site has not been regulated by the EPA under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985.
- The EPA may be regulating contamination at the site through a licence or notice under the Protection of the Environment Operations Act 1997 (POEO Act).
- Contamination at the site may be being managed under the planning process.

**Search TIP**

To search for a specific site, search by LGA (local government area) and carefully review all sites listed.

... more search tips

More information about particular sites may be available from:

- The POEO public register
- The appropriate planning authority: for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act.

See What's in the record and What's not in the record.

If you want to know whether a specific site has been the subject of notices issued by the EPA under the CLM Act, we suggest that you search by Local Government Area only and carefully review the sites that are listed.
This public record provides information about sites regulated by the EPA under the Contaminated Land Management Act 1997, including sites currently and previously regulated under the Environmentally Hazardous Chemicals Act 1985. Your inquiry using the above search criteria has not matched any record of current or former regulation. You should consider searching again using different criteria. The fact that a site does not appear on the record does not necessarily mean that it is not affected by contamination. The site may have been notified to the EPA but not yet assessed, or contamination may be present but the site is not yet being regulated by the EPA. Further information about particular sites may be available from the appropriate planning authority, for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act. In addition the EPA may be regulating contamination at the site through a licence under the Protection of the Environment Operations Act 1997. You may wish to search the POEO public register.POEO public register

13 January 2025

**Public registers**

+ POEO Public Register
– Contaminated land record of notices
  - About the record of notices
  - List of notified sites
  - Tips for searching
  - Disclaimer
- Dangerous goods licences
- Pesticide licences
- Radiation licences

Home | Public registers | Contaminated land record of notices

# Search results

Your search for: Suburb: HUNTINGWOOD

Search Again | Refine Search

did not find any records in our database.

If a site does not appear on the record it may still be affected by contamination. For example:

- Contamination may be present but the site has not been regulated by the EPA under the Contaminated Land Management Act 1997 or the Environmentally Hazardous Chemicals Act 1985.
- The EPA may be regulating contamination at the site through a licence or notice under the Protection of the Environment Operations Act 1997 (POEO Act).
- Contamination at the site may be being managed under the planning process.

**Search TIP**

To search for a specific site, search by LGA (local government area) and carefully review all sites listed.

... more search tips

More information about particular sites may be available from:

- The POEO public register
- The appropriate planning authority: for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act.

See What's in the record and What's not in the record.

If you want to know whether a specific site has been the subject of notices issued by the EPA under the CLM Act, we suggest that you search by Local Government Area only and carefully review the sites that are listed.
This public record provides information about sites regulated by the EPA under the Contaminated Land Management Act 1997, including sites currently and previously regulated under the Environmentally Hazardous Chemicals Act 1985. Your inquiry using the above search criteria has not matched any record of current or former regulation. You should consider searching again using different criteria. The fact that a site does not appear on the record does not necessarily mean that it is not affected by contamination. The site may have been notified to the EPA but not yet assessed, or contamination may be present but the site is not yet being regulated by the EPA. Further information about particular sites may be available from the appropriate planning authority, for example, on a planning certificate issued by the local council under section 149 of the Environmental Planning and Assessment Act. In addition the EPA may be regulating contamination at the site through a licence under the Protection of the Environment Operations Act 1997. You may wish to search the POEO public register.POEO public register

13 January 2025

# Appendix D Heritage Records

# Search Results

## No results found.

*Enter at least one search criterion.*

Search Hints

Search Reset form

Place name

Street name
Honeman Close

Town or suburb
Huntingwood

State
--All--

Country

### Advanced search options

List
All Lists
*Different lists will provide different status and class options*

Local Government Area

Place ID number

Legal status
--All--

Class
--All--

Keyword Search

Description Statement of Significance Place history

Latitude/Longitude

N

Latitude 1

Longitude 1 S Longitude 2

W E Latitude 2 E

S

Wholly within region
Wholly or partially within region

*Longitude coordinates should be entered as ddd.mm.ss*
*Latitude coordinates should be entered as dd.mm.ss*

Map Ref No

*1:100,000 eg 2357*
*1:250,000 eg SF-50-01*

### Search Hints

- Not all fields need to be filled in. The fewer you fill in the more results you will get.
- If you cannot find a place, check spelling and try alternative names. Reduce the number of words that you include and use fewer fields.

- The Local Government field used on its own will provide a comprehensive list of places in an area.

**Report Produced: Mon Jan 13 12:55:54 2025**

Accessibility | Disclaimer | Privacy | © Commonwealth of Australia (cc) BY

NSW GOVERNMENT | Heritage NSW

**Aboriginal Places**

| Item Name | Address | Local Government Area | SHR ID | Heritage Item ID | Record Owner |
|---|---|---|---|---|---|
| No results in layer | | | | | |

**State Heritage Register**

| Item Name | Address | Local Government Area | SHR ID | Heritage Item ID | Record Owner |
|---|---|---|---|---|---|
| Former Great Western Road,Prospect | Reservoir Road, Prospect | BLACKTOWN | 01911 | 5061510 | |

**Interim Heritage Order**

| Item Name | Address | Local Government Area | SHR ID | Heritage Item ID | Record Owner |
|---|---|---|---|---|---|
| No results in layer | | | | | |

**Local Environment Plan**

| Item Name | Address | Local Government Area | SHR ID | Heritage Item ID | Record Owner |
|---|---|---|---|---|---|
| No results in layer | | | | | |

**Heritage Search Result**

Date: 13-Jan-2025

# Appendix E Section 10.7 (2 & 5) Planning Certificates

# Planning certificate

Section 10.7 (2) and (5)

We have prepared this Planning Certificate under Section 10.7 of the *Environmental Planning and Assessment Act 1979*. The form and content of the Certificate is consistent with Schedule 2 of the Environmental Planning and Assessment Regulation 2021.

## Applicant details

JBS&G AUSTRALIA PTY LTD

1/50 MARGARET STREET

SYDNEY NSW 2000

**Your reference** 67299

## Certificate details

| | | | |
|---|---|---|---|
| **Certificate no.** | PL2024/06768 | **Fee** | |
| **Date issued** | 07 June 2024 | **Urgency fee** | **N/A** |
| **Receipt no** | D005216404 | | |

## Property information

| | | | |
|---|---|---|---|
| **Property ID** | 349644 | **Land ID** | 349644 |
| **Legal description** | LOT 1 DP 1098102 | | |
| **Address** | HONEMAN CLOSE HUNTINGWOOD NSW 2148 | | |
| **County** | CUMBERLAND | **Parish** | PROSPECT |

Within this certificate, we have included references to websites where you may find additional information. If you still require assistance on any matter covered by this certificate, please contact us on 02 5300 6000 or at s10.7certificates@blacktown.nsw.gov.au

**Disclaimer**

Blacktown City Council gives notice and points out to all users of the information supplied herein, that the information herein has been compiled by Council from sources outside of Council's control. While the information herein is provided with all due care and in good faith, it is provided on the basis that Council will not accept any responsibility for and will not be liable for its contents or for any consequence arising from its use, and every user of such information is advised to make all necessary enquiries from the appropriate organisations, institutions and the like.

Blacktown City Council also gives notice to all users of the information supplied herein, wherever any particular enquiry herein remains unanswered or has not been elaborated upon, such silence should not be interpreted as meaning or inferring either a negative or a positive response as the case may be.

# Notice on the NSW Government's review of State Environmental Planning Policies

**This note only applies to land affected by one or more of the following State Environmental Planning Policies (SEPPs), which were repealed on 1 March 2022.**

- State Environmental Planning Policy (Sydney Region Growth Centres) 2006
- State Environmental Planning Policy (State Significant Precincts) 2005
- Sydney Regional Environmental Plan No 30—St Marys
- State Environmental Planning Policy (Western Sydney Parklands) 2009
- State Environmental Planning Policy (Western Sydney Employment Area) 2009
- State Environmental Planning Policy (Western Sydney Aerotropolis) 2020.

**From 1 March 2022, the following State Environmental Planning Policies apply as follows:**

- State Environmental Planning Policy (Precincts – Central River City) 2021 applies where:
  - Appendix 3, 4, 6, 7 or 12 of repealed State Environmental Planning Policy (Sydney Region Growth Centres) 2006 applied.
  - Appendix 7 or 10 of repealed State Environmental Planning Policy (State Significant Precincts) 2005 applied.
- State Environmental Planning Policy (Precincts – Western Parklands City) 2021 applies where:
  - Appendix 5 of repealed State Environmental Planning Policy (Sydney Region Growth Centres) 2006 applied.
  - Sydney Regional Environmental Plan No 30—St Marys applied.
  - State Environmental Planning Policy (Western Sydney Parklands) 2009 applied.
  - State Environmental Planning Policy (Western Sydney Aerotropolis) 2020 applied.
- State Environmental Planning Policy (Industry and Employment) 2021 applies where:
  - State Environmental Planning Policy (Western Sydney Employment Area) 2009 applied.

Any reference to repealed SEPPs listed above in this Certificate means either of the SEPPs identified above.

Note that the content of the repealed SEPPs has been transferred and has not changed.

## Employment Land Zones Reforms

**From 26 April 2023,** *State Environmental Planning Policy Amendment (Land Use Zones) 2022* (829) applies.

Employment zones commence for land that is affected by Blacktown Local Environmental Plan 2015 on 26 April 2023.

From 26 April 2023, in a document (other than a State Environmental Planning Policy) a reference to a former zone under an environmental planning instrument is taken to include a reference to a new zone under the environmental planning instrument.

To determine the new zone for previously zoned Business and Industrial zoned land please refer to the published equivalent zones tables. https://www.planning.nsw.gov.au/-/media/Files/DPE/Plans-and-policies/Policy-and-legislation/Planning-reforms/equivalent-zones-tables-per-lep.pdf?la=en

The Department of Planning and Environment is currently reviewing the translation of employment zones for land that is zoned under a State Environmental Planning Policy.

## Section 10.7 (2)

The following information is provided under Section 10.7(2) of the *Environmental Planning and Assessment Act 1979*. The information relates to the subject land at the date of this Certificate.

# 1. Relevant planning instruments and development control plans

### 1.1 Environmental planning instruments

The following environmental planning instruments apply to the carrying out of development on the land:

The subject land is zoned under State Environmental Planning Policy (Industry and Employment) 2021.

Attachment 1 contains a list of State Environmental Planning Policies that **may** apply to the carrying out of development on the subject land.

### 1.2 Development control plans

The following development control plans apply to the carrying out of development on the land:

Huntingwood Precinct Development Control Plan 2011 applies to the subject site.

This Plan outlines the provisions relating to development of the Huntingwood Precinct under State Environmental Planning Policy (Industry and Employment) 2021 (formerly zoned under SEPP Western Sydney Employment Area 2009 and before that SEPP No 59)

### 1.3 Proposed environmental planning instruments

The following proposed environmental planning instruments apply to the carrying out of development on the land. They are or have been the subject of community consultation or on public exhibition under the *Environmental Planning and Assessment Act 1979*:

The following draft State Environmental Planning Policies (SEPPs) or Explanation of Intended Effects (EIE) are currently on exhibition or have been exhibited. For more information refer to https://www.planningportal.nsw.gov.au/draftplans.

- State Environmental Planning Policy (Sustainable Buildings) 2022

  On 29 August 2022, the NSW Government announced changes to the BASIX standards as part of the new this new policy, which will come into effect on 1 October 2023.

- Review of Clause 4.6

  The then NSW Department of Planning, Industry and Environment exhibited an Explanation of Intended Effect between 31 March and 12 May 2021 to review Clause 4.6 of the Standard Instrument Local Environmental Plan. The Department of Planning has indicated that this matter is currently under consideration.

- Amendment to the then State Environmental Planning Policy (State and Regional Development)

  The then NSW Department of Planning, Industry and Environment exhibited an Explanation of Intended Effect from 2 March to 16 March 2020 to amend State

Environmental Planning Policy (State and Regional Development) 2011 to facilitate the efficient delivery of upgrades to existing water treatment facilities in NSW. The Department of Planning has indicated that this matter is currently under consideration.

- Amendment to the then Infrastructure State Environmental Planning Policy

  The then NSW Department of Planning, Industry and Environment exhibited and Explanation of Intended Effect from 20 November to 17 December 2020 to amend the Infrastructure SEPP related to health services facilities. The Department of Planning has indicated that this matter is currently under consideration.

- Amendment to the then State Environmental Planning Policy (Sydney Region Growth Centres) 2006

  The then NSW Department of Planning, Industry and Environment exhibited an Explanation of Intended Effect from 7 September to 28 September 2018 to amend State Environmental Planning Policy (Sydney Region Growth Centres) 2006. The Department of Planning has indicated that this matter is currently under consideration.

- Proposed State Environmental Planning Policy (Environment)

  The then NSW Department of Planning, Industry and Environment exhibited an Explanation of Intended Effect between 31 October 2017 and 31 January 2018 for the proposed Environment SEPP. The Department of Planning has indicated that this matter is currently under consideration.

### 1.4 Proposed development control plans

There are no proposed development control plans which apply to the carrying out of development on the land.

## *2.* Zoning and land use under relevant environmental planning instruments

The following information will assist in determining how the subject land may be developed. It is recommended that you read this section in conjunction with a full copy of any relevant environmental planning instrument as there may be additional provisions that affect how the land may be developed.

### 2.1 Zoning

The following is the name(s) of the zone(s) under the environmental planning instrument(s) that applies to the land, including the purposes for which development in the zone(s):

(a) may be carried out without development consent, and

(b) may not be carried out except with development consent, and

(c) is prohibited:

**Zone IN1 General Industrial**

**1 Objectives of zone**

- To facilitate a wide range of employment-generating development including industrial,

manufacturing, warehousing, storage and research uses and ancillary office space.
• To encourage employment opportunities along motorway corridors, including the M7 and M4.
• To minimise any adverse effect of industry on other land uses.
• To facilitate road network links to the M7 and M4 Motorways.
• To encourage a high standard of development that does not prejudice the sustainability of other enterprises or the environment.
• To provide for small-scale local services such as commercial, retail and community facilities (including child care facilities) that service or support the needs of employment-generating uses in the zone.

**2 Permitted without consent**

Nil.

**3 Permitted with consent**

Building identification signs; Business identification signs; Depots; Environmental facilities; Environmental protection works; Food and drink premises; Freight transport facilities; Garden centres; Hardware and building supplies; Industrial retail outlets; Industrial training facilities; Industries (other than offensive or hazardous industries); Neighbourhood shops; Places of public worship; Recreation areas; Recreation facilities (indoor); Roads; Service stations; Storage premises; Transport depots; Truck depots; Vehicle body repair workshops; Vehicle repair stations; Warehouse or distribution centres.

**4 Prohibited**

Any development not specified in item 2 or 3.

## 2.2 Zoning under draft Environmental Planning Instruments

The following is the name(s) of the zone(s) under the draft environmental planning instrument(s) that applies to the land, including the purposes for which development in the zone(s):

(a) may be carried out without development consent, and

(b) may not be carried out except with development consent, and

(c) is prohibited:

There is no zoning proposed under a draft environmental planning instruments that applies to the land

## 2.3 Additional permitted uses

The following outlines whether any additional permitted uses apply to the land:

Additional permitted uses may apply to the subject land in line with the following table. Note that section 1.1 of this Planning Certificate outlines if any of the below environmental planning instruments apply.

For more information, please refer to the relevant environmental planning instruments on the NSW Legislation website https://legislation.nsw.gov.au/.

| Environmental planning instrument | Provisions - Additional permitted uses |
|---|---|
| Blacktown Local Environmental Plan 2015 | Applies to certain land as outlined in clause 2.5. |
| State Environmental Planning Policy (Precincts—Central River City) 2021 | Applies to certain land in the Huntingwood West Precinct, Greystanes Southern Employment Lands site, Riverstone West Precinct Plan, Alex Avenue and Riverstone Precinct Plan, Area 20 Precinct Plan, Schofields Precinct Plan, and Blacktown Growth Centres Precinct Plan. |
| State Environmental Planning Policy (Precincts – Western Parkland City) 2021 | Applies to land in the Rouse Hill Regional Park, and to certain land in Marsden Park Industrial Precinct Plan. |
| State Environmental Planning Policy (Industry and Employment) 2021 | Applies to certain land in the western Sydney employment area. |

## 2.4 Minimum land dimensions for the erection of a dwelling house

The following outlines whether development standards apply to the land that fix minimum land dimensions for the erection of a dwelling house on the land and, if so, the fixed minimum land dimensions:

There are no minimum land dimensions for the erection of a dwelling house that apply to land under Blacktown Local Environmental Plan 2015. Dwelling outcomes are controlled by other mechanisms. Refer to Blacktown Local Environmental Plan 2015 for relevant development standards for minimum subdivision lot size, and Blacktown Development Control Plan 2015 for relevant development controls that apply.

The minimum land dimensions for the erection of a dwelling house located in the Sydney region growth centres and affected by State Environmental Planning Policy (Precincts – Central River City) 2021 and State Environmental Planning Policy (Precincts – Western Parkland City) 2021 is found in Part 4, Principal development standards of the relevant appendix.

For land affected by Chapter 6 St Marys of State Environmental Planning Policy (Precincts – Western Parkland City) 2021, the minimum land dimensions for a dwelling house are controlled by the St Marys Eastern Precinct and Ropes Creek Precinct Plans.

For more information, please access the relevant environmental planning instrument listed above at the NSW Legislation website: https://legislation.nsw.gov.au/

## 2.5 Biodiversity

The following outlines where the land is in an area of outstanding biodiversity value under the *Biodiversity Conservation Act 2016*:

Refer to the Department of Planning and Environment's online tool, which outlines if the land is in an area of outstanding biodiversity value under the *Biodiversity Conservation Act 2016*. The tool is located at:
https://www.lmbc.nsw.gov.au/Maps/index.html?viewer=BOSETMap

## 2.6 Conservation area

The following outlines whether the land is in a conservation area:

a) Priority Conservation Land in the Blacktown local government area is generally located in the following locations:

- Bushland surrounding Prospect Reservoir, Prospect
- Plumpton Park, Plumpton
- Nurragingy Reserve, in Doonside/Rooty Hill/Glendenning
- Doctor Charles McKay Reserve, Mount Druitt
- Land adjoining Ropes Creek in Mount Druitt, Minchinbury and Eastern Creek
- Shanes Park woodland
- Wianamatta Regional Park, Ropes Crossing
- Bushland in Angus bounded generally by Walker Parade, Park Road, Charlotte Street, Robert Street, Ben Street and Penprase Street
- Bushland in Colebee to the north of the Westlink M7 and south of Sugarloaf Crescent, Colebee.

b) The Cumberland Plain Conservation Plan may apply to the site. Under the plan, there is land that is specified as 'certified urban capable land' where certain controls apply. There is also land specified as 'certified major transport corridor'.

The areas where the plan applies are:

- for 'certified urban capable land', certain land in the suburbs of Mount Druitt and Rooty Hill.
- for 'certified major transport corridors', the future Westlink M7 extension corridor generally to the north of Hassall Grove, Bidwill, Shalvey and Willmot, and through the Wianamatta Regional Park to the west of Ropes Crossing.

More information on land is affected by the Cumberland Plain Conservation Plan can be found on the Department of Planning and Environment website:
https://www.planning.nsw.gov.au/Policy-and-Legislation/Strategic-conservation-planning/Cumberland-Plain-Conservation-Plan/Planning-controls

The Cumberland Plain Conservation Plan spatial viewer that visually shows the affected areas is also available online at:
https://webmap.environment.nsw.gov.au/Html5Viewer4142/index.html?viewer=CPCP_View

### 2.7 Heritage

The following outlines where an item of environmental heritage, or proposed environmental heritage item, is located on the land:

The subject land is not affected by an item of environmental heritage or a proposed environmental heritage item.

## 3. Contributions plans

### 3.1 Contribution plans

The following outlines the name of each contributions plan under *the Environmental Planning and Assessment Act 1979*, Division 1 applying to the land:

Council currently levies contributions under Section 7.11 of the *Environmental Planning and Assessment Act 1979* for facilities and services. The further development of the subject land may incur such contributions.

### 3.2 Draft contributions plans

The following outlines the name of each draft contributions plan under *the Environmental Planning and Assessment Act 1979*, Division 7.1 applying to the land:

Refer to Contributions plans section above to determine if any draft contributions apply.

### 3.3 Special contributions

The following outlines if the land is in a special contributions area under the *Environmental Planning and Assessment Act 1979*, Division 7.1 applying to the land:

The land may be in a Special Contribution Area as described below.

Land in the Growth Centres that are zoned under State Environmental Planning Policy (Precincts – Central River City) 2021 and State Environmental Planning Policy (Precincts – Western Parkland City) 2021, as specified in section 1.1 of this Planning Certificate, is in a Special Contribution Area, and will incur a Special Infrastructure Contribution.

You can find the map and other relevant information on the Special Contribution Area on the Department of Planning and Environment's website:
https://www.planning.nsw.gov.au/Plans-for-your-area/Infrastructure-funding/Special-Infrastructure-Contributions/Western-Sydney-Growth-Area-SIC

An interactive map is on the ePlanning Spatial Viewer under Layers > Development Control > Special Infrastructure Contributions at:
https://www.planningportal.nsw.gov.au/spatialviewer/#/find-a-property/address

## 4. Complying development

### 4.1 Where complying development codes apply

The following outlines if the land is land on which complying development may be carried out under each of the development codes under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008:

Council does not have enough information to determine if complying development can apply. For more information, please review the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008, available at: www.legislation.nsw.gov.au

### 4.2 Variations to complying development codes

The following outlines if the complying development codes are varied under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008, Clause 1.12, in relation to the land:

The complying development codes are not varied for the subject land under Schedule 3 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

## *5.* Exempt development

### 5.1 Where exempt development codes apply

The following outlines if the land is on land on which exempt development may be carried out under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008:

Council does not have enough information to determine if exempt development can apply. For more information, please review the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 available at: www.legislation.nsw.gov.au

### 5.2 Variations to exempt development codes

The following outlines if the exempt development codes are varied, under State Environmental Planning Policy (Exempt and Complying Development Codes) 2008, Clause 1.12, in relation to the land:

The exempt development codes are not varied for the subject land under Schedule 2 of State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.

## 6. Affected building notices and building product rectification orders

### 6.1 Affected building notice in force

The following outlines if Council is aware of any affected building notice in force for the subject land:

As at the date of this Planning Certificate, Council is not aware of any affected building notice in force for the subject land.

### 6.2 Affected building rectification order in force

The following outlines if Council is aware of any affected building product rectification order in force for the subject land:

As at the date of this Planning Certificate, Council is not aware of any affected building product rectification order in force for the subject land.

### 6.3 Affected building rectification order – notice of intent

The following outlines if Council is aware of any outstanding notice of intention to make a building product rectification order for the subject land:

As at the date of this Planning Certificate, Council is not aware of any outstanding notice of intention to make a building product rectification order for the subject land.

## *7.* Land reserved for acquisition

### 7.1 Current provisions

The following outlines whether an environmental planning instrument as described in section 1 makes provision for the acquisition of land by an authority of the state, as referred to in section 3.15 of the *Environmental Planning and Assessment Act 1979*:

The land may be reserved for acquisition by an authority of the state. It is reserved where it is located on the Land Reservation Acquisition map. This is an interactive map and can be found on the ePlanning Spatial Viewer under Layers > Principal Planning Layers > Land Reservation Acquisition Map at: https://www.planningportal.nsw.gov.au/spatialviewer/#/find-a-property/address. (Turn off the 'zoning' layer under Layers > Principal Planning Layers > Land Zoning Map for ease of viewing).

There are also Land reservation acquisition maps under each of the following environmental planning instruments, which can be accessed on the NSW Legislation website at: https://legislation.nsw.gov.au/

- Blacktown Local Environmental Plan 2015
- State Environmental Planning Policy (Precincts—Central River City) 2021
- State Environmental Planning Policy (Precincts—Western Parkland City) 2021
- State Environmental Planning Policy (Industry and Employment) 2021 (but only where the site is in the Western Sydney employment area, as specified in Chapter 2).

Note that section 1.1 of this Planning Certificate outlines if any of the above environmental planning instruments apply.

### 7.2 Draft provisions

The following outlines whether a draft environmental planning instrument as described in section 1 makes provision for the acquisition of land by an authority of the state, as referred to in section 3.15 of the *Environmental Planning and Assessment Act 1979*:

A draft environmental planning instrument referred to in section 1 of this certificate may make provision in relation to the acquisition of the land by a public authority, as referred to in section 3.15 of the Act.

## 8. Road widening and road realignment

The following outlines whether the land is affected by road widening or road realignment.

### 8.1 The Roads Act 1993 Part 3 Division 2

The subject land is not affected by road widening or road realignment under the Roads Act 1993 Part 3 Division 2.

### 8.2 An environmental planning instrument

The subject land is not affected by road widening or road realignment under an environmental planning instrument.

### 8.3 A resolution of the Council

The subject land is not affected by road widening or road realignment under any resolution of the Council.

## 9. Flood related development controls

The following outlines:

**9.1** If the land or part of the land is within the flood planning area and subject to flood related development controls.

**Yes**/No

**9.2** If the land or part of the land is between the flood planning area and the probable maximum flood and subject to flood related development controls.

For residential development: Yes/**No**

For other development: **Seek further clarification**

**9.3** The flooding precincts are shown on Maps online, within the layer titled “Flooding Precincts”.

A link to this map can be found here: https://www.blacktown.nsw.gov.au/Plan-build/Stage-2-plans-and-guidelines/Online-planning-tools/BLEP-2015-Maps-online

They are based on results of engineering flood studies commissioned by Council or other government authorities. The information provided in this section is general advice based on results of engineering flood studies commissioned by Council or other government authorities. For more detailed flood information, please contact Council's Flooding Section and/or email Floodadvice@blacktown.nsw.gov.au

**Adoption - Local Overland Flow Flood Study**

On 22 May 2024, Council adopted the Blacktown Overland Flow Flood Study. The updated overland flow flood maps can be viewed here: https://blacktown.macrogis.com.au/flood/

Please be advised also that over time, the information on any section 10.7 planning certificate issued for land will be updated to reflect the updated overland flow affectation for that land, as adopted by Council on 22 May 2024.

Further information can be found here: https://www.blacktown.nsw.gov.au/Our-environment/Waterways/Flooding-in-the-Blacktown-local-government-area/Flood-studies

## 10. Council and other public authority policies on hazard risk restrictions

The following outlines whether any of the land is affected by an adopted policy that restricts the development of the land because of the likelihood of:

### 10.1 Land slip

Council does not have an adopted policy that restricts the development of the land because of the likelihood of land slip.

### 10.2 Bush fire

Council does not have an adopted policy that restricts the development of the land because of the likelihood of bush fire.

The Rural Fire Services' 'Planning for Bush Fire Protection 2019'provides development standards for designing and building on bush fire prone land in New South Wales. The document is available on the Rural Fire Service's website at: https://www.rfs.nsw.gov.au/plan-and-prepare/building-in-a-bush-fire-area/planning-for-bush-fire-protection

It is noted that the development control plan(s) referred to in Section 1 of this Planning Certificate may have provisions in relation to bush fire that are to be considered, where applicable.

### 10.3 Tidal inundation

Council does not have an adopted policy that restricts the development of the land because of the likelihood of tidal inundation.

### 10.4 Subsidence

Council does not have an adopted policy that restricts the development of the land because of the likelihood of subsidence.

### 10.5 Acid sulfate soils

Council does not have an adopted policy that restricts the development of the land because of the likelihood of acid sulfate soils.

### 10.6 Contamination

Council does not have an adopted policy that restricts the development of the land because of the likelihood of contamination.

Chapter 4, Remediation of land of the State Environmental Planning Policy (Resilience and Hazards) 2021 sets out provisions in relation to contamination. The document is available on the NSW Legislation website at: https://legislation.nsw.gov.au/.

Contaminated land planning guidelines are also available on the Environment Protection Authority's (EPA) website at https://www.epa.nsw.gov.au/-/media/epa/corporate-site/resources/clm/managing-contaminated-land-guidelines-remediation.pdf

It is noted that the development control plan(s) referred to in Section 1 of this Planning Certificate may have provisions in relation to contamination that are to be considered, where applicable.

### 10.7 Aircraft noise

Council does not have an adopted policy that restricts the development of the land because of the likelihood of aircraft noise.

### 10.8 Salinity

Council does not have an adopted policy that restricts the development of the land because of the likelihood of salinity.

It is noted that the development control plan(s) referred to in Section 1 of this Planning Certificate may have provisions in relation to salinity.

### 10.9 Coastal hazards

Council does not have an adopted policy that restricts the development of the land because of the likelihood of coastal hazards.

### 10.10 Sea level rise

Council does not have an adopted policy that restricts the development of the land because of the likelihood of sea level rise.

### 10.11 Other risks

Council has adopted an Asbestos Policy which may restrict development on the subject land. The Asbestos policy applies where land contains, or is likely to have contained in the past, buildings or structures that were erected prior to the banning of asbestos. The policy is available on Council's website: www.blacktown.nsw.gov.au

The Policy should be considered in the context of any other relevant NSW legislation and guidelines.

## 11. Bushfire prone land

The following outlines if any of the land is bush fire prone land, designated by the Commissioner of the NSW Rural Fire Service under section 10.3 of the *Environmental Planning and Assessment Act 1979*:

The subject land is identified on Council's Bush Fire Prone Land Map as being clear of any bushfire prone land.

## 12. Loose-fill asbestos insulation

The following outlines if the land includes residential premises, within the meaning of the *Home Building Act 1989*, Part 8, Division 1A, that are listed on the Register kept under that Division:

As at the date of this Planning Certificate, the land to which this certificate relates has not been identified in the Loose-Fill Asbestos Insulation Register as containing loose-fill asbestos ceiling insulation. Contact NSW Fair Trading on 13 32 20 or visit the website for more information at https://www.fairtrading.nsw.gov.au/

## 13. Mine subsidence

The land is not in an area proclaimed to be a mine subsidence district within the meaning of the *Coal Mine Subsidence Compensation Act 2017*.

## 14. Paper subdivision information

### 14.1 Development plan adopted

The following outlines whether a development plan has been adopted by a relevant authority that applies to the land:

The land is not subject to a development plan adopted by a relevant authority.

### 14.2 Development plan adopted – subject to ballot

The following outlines whether a development plan has been adopted by a relevant authority that is proposed to be subject to a ballot, and if so, the name of the plan:

The land is not subject to a development plan that has been adopted by a relevant authority that is proposed to be subject to a ballot.

### 14.3 Subdivision order

The following outlines if a subdivision order applies to the land, and if so, the date of the subdivision order:

The land is not subject to a subdivision order.

## 15. Property vegetation plans

There is no land in the local government area that is subject to an approved Property vegetation plan, which is in force under the Part 4 of the *Native Vegetation Act 2003*.:

## 16. Biodiversity stewardship sites

The following outlines if the land is subject to a Biodiversity stewardship agreement under the *Biodiversity Conservation Act 2016*:

Council has not been notified that the land is subject to a biodiversity stewardship agreement under the *Biodiversity Conservation Act 2016*.

## 17. Biodiversity certified land

The following outlines if the land is biodiversity certified land under the Part 8 of the *Biodiversity Conservation Act 2016*.

Note: Biodiversity certified land includes land certified under Part 7AA of the *Threatened Species Conservation Act 1995*, that is taken to be certified under Part 8 of the *Biodiversity Conservation Act 2016*.

Council has not been notified that the land is biodiversity certified land under the *Biodiversity Conservation Act 2016*.

## 18. Orders under Trees (Disputes Between Neighbours) Act 2006

The following outlines whether Council has been notified of an order that has been made under the *Trees (Disputes Between Neighbours) Act 2006* to carry out work in relation to a tree on the land:

Council has not been notified of an order under the Act in respect of tree(s) on the land. Council has not verified whether any order has been made of which it has not been notified. The applicant should make its own enquiries in this regard if this is a matter of concern.

*Trees (Disputes Between Neighbours) Act 2006* decisions by local government area can be found on the Land and Environment Court of New South Wales website at: https://www.lec.nsw.gov.au/lec/types-of-cases/class-2---tree-disputes-and-local-government-appeals/development-application-appeals/helpful-materials/merit-decisions-by-local-government-areas.html

## 19. Annual charges under Local Government Act 1993 for coastal protection services that relate to existing coastal protection works

According to Council's records the owner (or previous owner) of the land **has not** consented in writing to the land being subject to annual charges for coastal protection services relating to existing coastal protection works (within the meaning of section 496B of the *Local Government Act 1993*).

## 20. Western Sydney Aerotropolis

The following outlines if, whether under Chapter 4 of the State Environmental Planning Policy (Precincts—Western Parkland City) 2021, the land is:

### 20.1 In a contour of 20 or greater, as shown on the Noise exposure contour map or Noise exposure forecast contour map

This does not apply to any land in the Blacktown local government area.

### 20.2 On the Lighting intensity and Wind shear map

This does not apply to any land in the Blacktown local government area.

### 20.3 On the Obstacle limitation surface map

The land may be shown on the Obstacle limitation surface map. This applies to some areas in the suburbs of Prospect (around Prospect Reservoir), Eastern Creek, Minchinbury, and small areas of Bungarribee and Mount Druitt. For more information refer to the Obstacle limitation surface map on the NSW Legislation website: https://www.planningportal.nsw.gov.au/publications/environmental-planning-instruments/state-environmental-planning-policy-precincts-western-parkland-city-2021

### 20.4 On the Public safety area map:

This does not apply to any land in the Blacktown local government area.

### 20.5 In the '3 kilometre' or '13 kilometre' wildlife buffer zone on the Wildlife buffer zone map:

The 3 kilometre wildlife buffer zone does not apply to any land in the Blacktown local government area.

The land may be in the '13 kilometre wildlife buffer zone' on the Wildlife buffer zone map. This applies primarily to some industrial areas of Eastern Creek and some parts of Minchinbury and Mount Druitt.

An interactive map is available on the ePlanning Spatial Viewer under Layers > State Environmental Planning Policies > SEPP (Precincts – Western Parkland City) 2021 > SEPP (Western Sydney Aerotropolis) 2020 > Wildlife Buffer Zone https://www.planningportal.nsw.gov.au/spatialviewer/#/find-a-property/address. (Turn off the 'zoning' layer under Layers > Principal Planning Layers > Land Zoning Map for ease of viewing).

## 21. Development consent conditions for seniors housing

The following outlines whether or not Chapter 3, Part 5 of the State Environmental Planning Policy (Housing) 2021 applies to the land, and if so, any conditions of a development consent granted after 11 October 2007 in relation to the land that are of the kind set out in section 88(2) of that policy:

- Council's records are currently incomplete in relation to this matter.
- Historically, if the site was to be used for the purposes of seniors housing, a restriction to that effect may have been placed on the land title under section 88B of the *Conveyancing Act 1919*. Please refer to the 88B Instrument for the site which can be accessed from NSW Land Registry Services to confirm if any such restrictions apply at: https://www.nswlrs.com.au/
- Alternatively, please review the relevant determinations that apply to the site. If required, a copy of the determinations can be obtained via an informal application under the *Government Information (Public Access) Act 2009.*

# 22. Site compatibility certificates and development consent conditions for affordable rental housing

## 22.1 Site compatibility certificate

The following outlines whether there is a current site compatibility certificate under State Environmental Planning Policy (Housing) 2021, or a former site compatibility certificate in relation to proposed development on the land, and if so, the period for which the certificate is current. Note that a copy may be obtained from the Department of Planning and Environment where this applies. For more information, visit the planning portal at: https://pp.planningportal.nsw.gov.au/SCC

A site compatibility certificate under *State Environmental Planning Policy (Housing) 2021*, or a former site compatibility certificate in relation to proposed development on the land, has not been issued.

## 22.2 SEPP Housing - conditions of consent

The following outlines if Chapter 2, Part 2, Division 1 or 5 of the State Environmental Planning Policy (Housing) 2021 applies to the land, and if so, any conditions of a development consent in relation to the land that are of a kind referred to in section 21(1) or 40(1) of that Policy:

- Council's records are currently incomplete in relation to this matter.
- Historically, if the site was to be used for the purposes of affordable rental housing, a restriction to that effect may have been placed on the land title under section 88B of the *Conveyancing Act 1919*. Please refer to the 88B Instrument for the site which can be accessed from NSW Land Registry Services to confirm if any such restrictions apply at: https://www.nswlrs.com.au/
- Alternatively, please review the relevant determinations that apply to the site. If required, a copy of the determinations can be obtained via an informal application under the *Government Information (Public Access) Act 2009.*

## 22.3 SEPP Affordable rental housing - conditions of consent

The following outlines if there are any conditions of a development consent in relation to land that are of a kind referred to in clause 17(1) or 38(1) of State Environmental Planning Policy (Affordable Rental Housing) 2009, and if so, the conditions:

- Council's records are currently incomplete in relation to this matter.
- Historically, if the site was to be used for the purposes of affordable rental housing, a restriction to that effect may have been placed on the land title under section 88B of the *Conveyancing Act 1919*. Please refer to the 88B Instrument for the site which can be accessed from NSW Land Registry Services to confirm if any such restrictions apply at: https://www.nswlrs.com.au/
- Alternatively, please review the relevant determinations that apply to the site. If required, a copy of the determinations can be obtained via an informal application under the *Government Information (Public Access) Act 2009.*

# 23. Matters under the Contaminated Land Management Act 1997, section 59(2)

## 23.1 Significant contamination

The following outlines if the land, or part of the land, to which this certificate relates, is significantly contaminated land at the date when the certificate was issued:

As at the date of this Planning Certificate, Council is not aware of the land being significantly contaminated land. The NSW Environment Protection Authority's website records if the land is significantly contaminated land. For more information visit https://www.epa.nsw.gov.au/

## 23.2 Management order

The following outlines if the land to which this certificate relates is subject to a management order at the date when the certificate was issued:

As at the date of this Planning Certificate, Council is not aware of a management order applying to the site. The NSW Environment Protection Authority (EPA) website records if the land is subject to a management order. For more information visit https://www.epa.nsw.gov.au/

## 23.3 Voluntary management proposal

The following outlines if the land is the subject of an approved voluntary management proposal at the date when the certificate was issued:

As at the date of this Planning Certificate, Council is not aware of an approved voluntary management proposal applying to the site. The NSW Environment Protection Authority (EPA) website records if the land is subject to a voluntary management proposal. For more information visit https://www.epa.nsw.gov.au/

## 23.4 Maintenance order

The following outlines if the land to which the certificate relates is subject to an ongoing maintenance order:

As at the date of this Planning Certificate, Council is not aware of an ongoing maintenance order applying to the site. The NSW Environment Protection Authority (EPA) website records if the land is subject to an ongoing maintenance order. For more information visit https://www.epa.nsw.gov.au/

## 23.5 Site audit statement

The following the outlines if the land to which the certificate relates is the subject of a site audit statement, and if a copy of such a statement has been provided at any time to Council:

- Council's records are currently incomplete in relation to this matter.

- If Council holds a copy of a Site Audit Statement (SAS) applying to the land, it will be found in the documents lodged with a development application for the land. If required, a copy of SAS related development application documents can be obtained via an informal application under the *Government Information (Public Access) Act 2009.*

## Section 10.7(5)

The following information is provided under Section 10.7(5) of the *Environmental Planning & Assessment Act 1979*. As per section 10.7(6) of the Act, Council shall not incur any liability in respect of any advice provided in good faith under section 10.7(5). The absence of any reference to any matter affecting the land shall not imply that the land is not affected by any matter not referred to in this Certificate.

### 1. Planning instruments and covenants

The provisions of any covenant, agreement or instrument applying to this land that restrict or prohibit certain development may be inconsistent with the provisions of an environmental planning instrument. In such cases, the provisions of any such covenant, agreement or instrument may be overridden.

### 2. Loose-filled asbestos insulation

Some residential homes located in the Blacktown local government area may potentially contain loose-fill asbestos insulation, for example in the roof space. NSW Fair Trading maintains a Register of homes that are affected by loose-fill asbestos insulation.

You should make your own enquiries as to the age of the buildings on the land to which this certificate relates and, if it contains a building constructed prior to 1980, Council strongly recommends that any potential purchaser obtain advice from a licensed asbestos assessor to determine whether loose-fill asbestos is present in any building on the land and, if so, the health risks (if any) this may pose for the building's occupants.

For more information contact NSW Fair Trading at: https://www.fairtrading.nsw.gov.au/contact-us

### 3. Asbestos containing materials

Older residential homes located in the Blacktown local government area may potentially be constructed with asbestos containing material, for example in the eaves, bathroom walls or external walls. Asbestos containing materials were phased out in the 1980s, but a total ban was not in effective until December 2003. NSW Government asbestos finder (https://www.asbestos.nsw.gov.au/asbestos-locations) has a database to assist in finding areas where asbestos containing materials have been used.

You should make your own enquiries as to the age of the buildings on the land to which this certificate relates and, if it contains a building constructed prior to 2003, Council strongly recommends that any potential purchaser obtain advice from a licensed asbestos assessor to determine whether asbestos containing material is present in any building on the land and, if so, the health risks (if any) this may pose for the building's occupants.

For more information contact SafeWork NSW at: https://www.safework.nsw.gov.au/contact-us

# Attachment 1 – State Environmental Planning Policies

In addition to the principal environmental planning instrument identified in section 1.1 of this Certificate, the following State Environmental Planning Policies may also affect the development on the subject land.

## State Environmental Planning Policy (Housing) 2021

The principles of this policy include to

- enable development of diverse housing types, including purpose-built rental housing
- encourage the development of housing that will meet the needs of housing that will meet the needs of low income, vulnerable and seniors and people with a disability
- ensure housing developments with reasonable level of amenity.

This policy is the consolidation of repealed policies including the Affordable Rental Housing SEPP (2009), Housing for Seniors SEPP (2004), SEPP No 21 Caravan Parks, SEPP 70 Affordable Housing.

Note that General savings provisions apply for the repealed instruments in line with Schedule 7 Savings and transitional provisions of the policy.

## State Environmental Planning Policy (Building Sustainability Index (BASIX) 2004

This policy aims to ensure consistency in the implementation of the BASIX scheme throughout NSW by overriding provisions of other environmental planning instruments and development control plans that would otherwise add to, subtract from or modify any obligations arising under the BASIX scheme.

On 29 August 2022, the Department of Planning and Environment announced changes to the BASIX standards as part of the new State Environmental Planning Policy (Sustainable Buildings) 2022, which will come into effect on 1 October 2023.

## State Environmental Planning Policy (Exempt and Complying Development Codes) 2008

This policy is also known as the Codes SEPP and includes a number of codes that allow for certain types of development to be undertaken without the need for Council approval. They are known as either Exempt development or Complying development, which allows for approval under a fast-track system, if the relevant standards are met.

## State Environmental Planning Policy No 65 - Design Quality of Apartments

This policy aims to improve the design quality of residential apartment development through the application of 9 design quality principles. The policy also provides requirements for a constituted design review panel to provide independent expert advice to Council on the merit of residential flat developments. A design review panel is not mandatory.

## State Environmental Planning Policy (Biodiversity and Conservation) 2021

This policy contains:

- planning rules and controls for the clearing of native vegetation in NSW on land zoned for urban and environmental purposes that is not linked to a development application
- the land use planning and assessment framework for koala habitat
- provisions that establish a consistent and co-ordinated approach to environmental planning and assessment along the River Murray
- provisions seeking to protect and preserve bushland within public open space zones and reservations
- provisions which aim to prohibit canal estate development
- provisions to support the water quality objectives for the Sydney drinking water catchment
- provisions to protect the environment of the Hawkesbury-Nepean River system
- provisions to manage and improve environmental outcomes for Sydney Harbour and its tributaries
- provisions to manage and promote integrated catchment management policies along the Georges River and its tributaries
- provisions which seek to protect, conserve and manage the World Heritage listed Willandra Lakes property.

## State Environmental Planning Policy (Industry and Employment) 2021

This policy contains planning provisions:

- applying to employment land in western Sydney.
- for advertising and signage in NSW.

## State Environmental Planning Policy (Planning Systems) 2021

This policy:

- identifies State or regionally significant development, State significant Infrastructure, and critical State significant infrastructure
- provides for consideration of development delivery plans by local Aboriginal land councils in planning assessment
- allows the Planning Secretary to elect to be the concurrence authority for certain development that requires concurrence under nominated State environmental planning policies.

## State Environmental Planning Policy (Primary Production) 2021

This policy contains planning provisions:

- to manage primary production and rural development including supporting sustainable agriculture
- for the protection of prime agricultural land of state and regional significance as well as regionally significant mining and extractive resources.

## State Environmental Planning Policy (Precincts - Central River City) 2021

This policy contains planning provisions for precinct planning, which is a form of strategic planning applied to a specified geographic area.

The precincts in this policy are within the Central River City. The Central River City is based the strategic planning vision of the 'three cities' regions identified in the Greater Sydney Region Plan – A Metropolis of Three Cities.

State Environmental Planning Policy (Precincts – Western Parkland City) 2021This policy contains planning provisions for precinct planning, which is a form of strategic planning applied to a specified geographic area.

The precincts in this policy are within the Western Parkland City.

The Western Parkland City is based the strategic planning vision of the 'three cities' regions identified in the Greater Sydney Region Plan – A Metropolis of Three Cities.

## State Environmental Planning Policy (Resilience and Hazards) 2021

This policy contains planning provisions:

- for land use planning within the coastal zone, in a manner consistent with the objects of the *Coastal Management Act 2016*
- to manage hazardous and offensive development
- that provide a state-wide planning framework for the remediation of contaminated land and to minimise the risk of harm.

## State Environmental Planning Policy (Resources and Energy) 2021

This policy contains planning provisions:

- for the assessment and development of mining, petroleum production and extractive material resource proposals in NSW
- that aim to facilitate the development of extractive resources in proximity to the population of the Sydney Metropolitan Area. It identifies land that contains extractive material of regional significance.

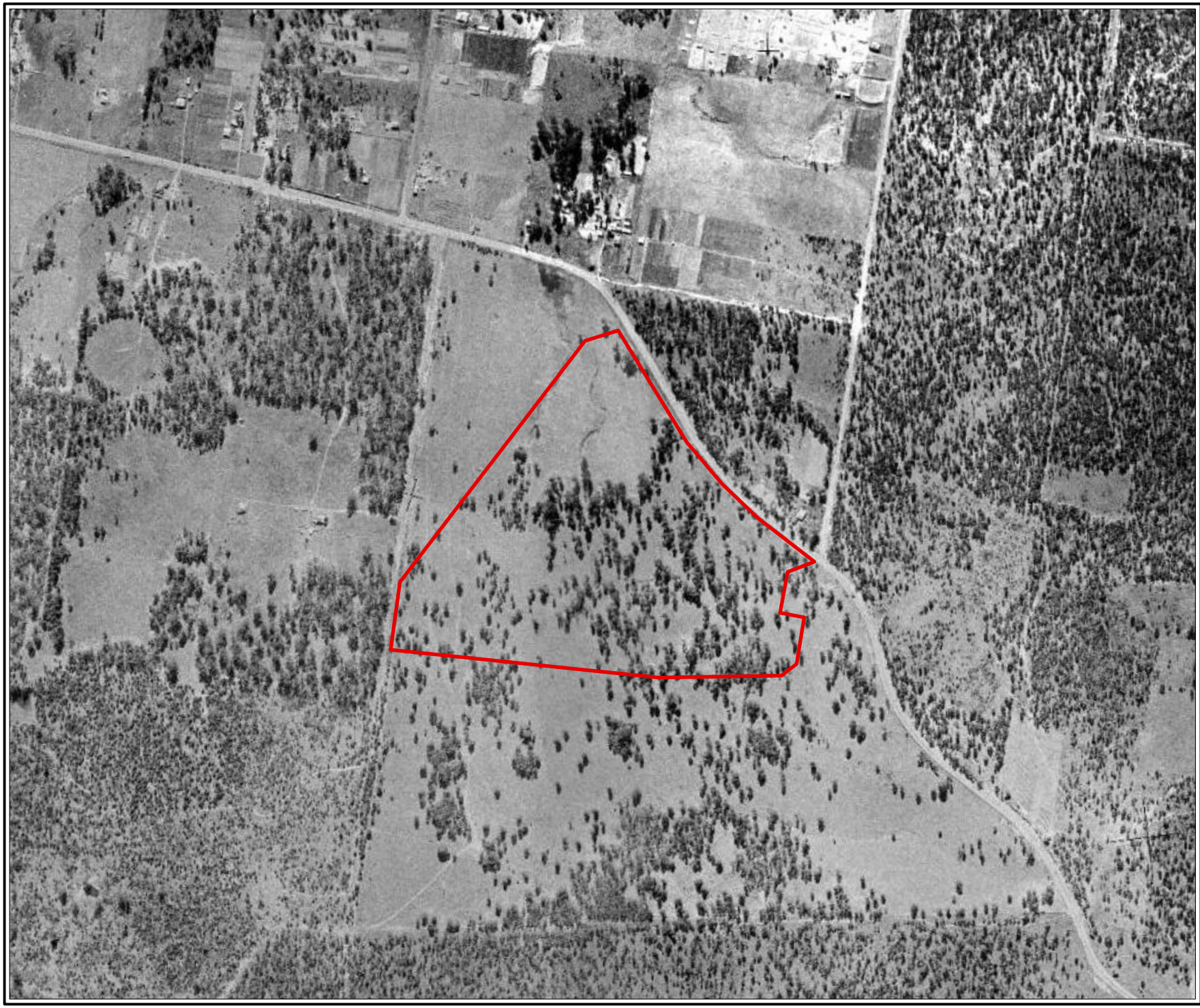
## State Environmental Planning Policy (Transport and Infrastructure) 2021

This policy contains:

- planning provisions for infrastructure in NSW, such as hospitals, roads, railways, emergency services, water supply and electricity delivery
- planning provisions for child-care centres, schools, TAFEs and universities
- planning controls and reserves land for the protection of 3 transport corridors (North South Rail Line, South West Rail Link extension and Western Sydney Freight Line)
- the land use planning and assessment framework for appropriate development at Port Kembla, Port Botany and Port of Newcastle.

End of certificate

# Appendix F Historical Aerials



**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1943**

**AERIAL 1943**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1947**

**AERIAL 1947**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

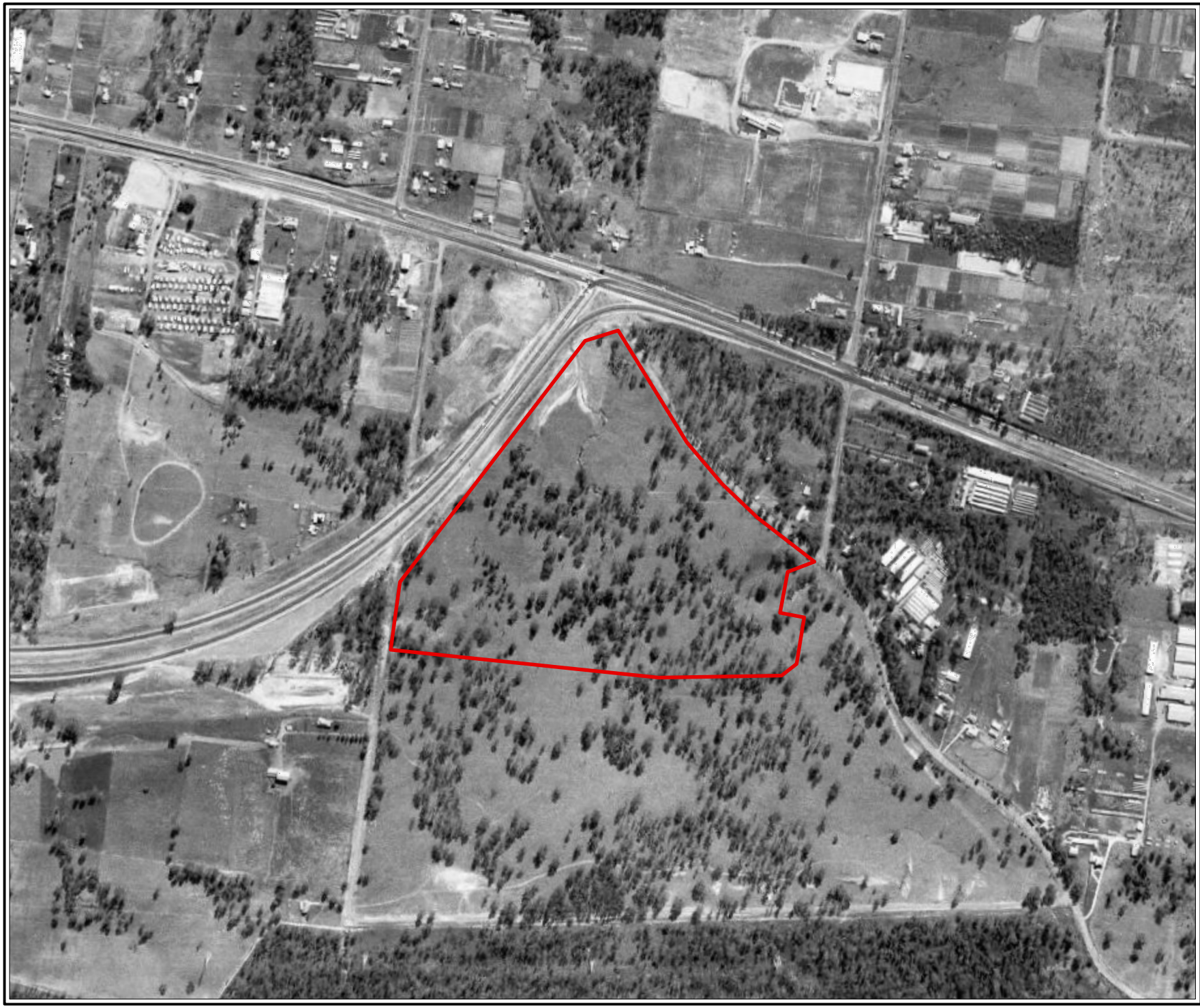
Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1965**

**AERIAL 1965**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024



**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1975**

**AERIAL 1975**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

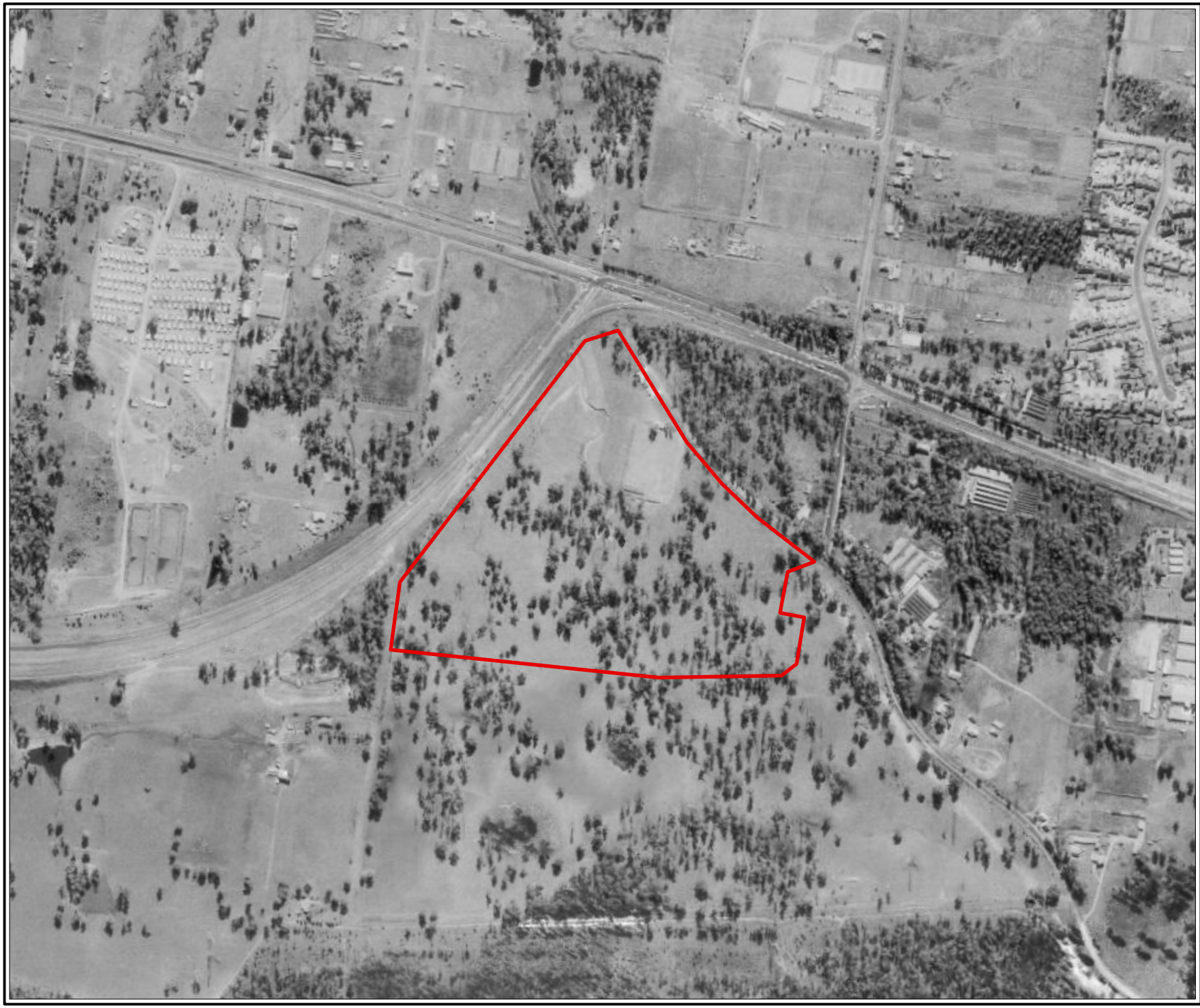
Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1978**

**AERIAL 1978**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024



**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

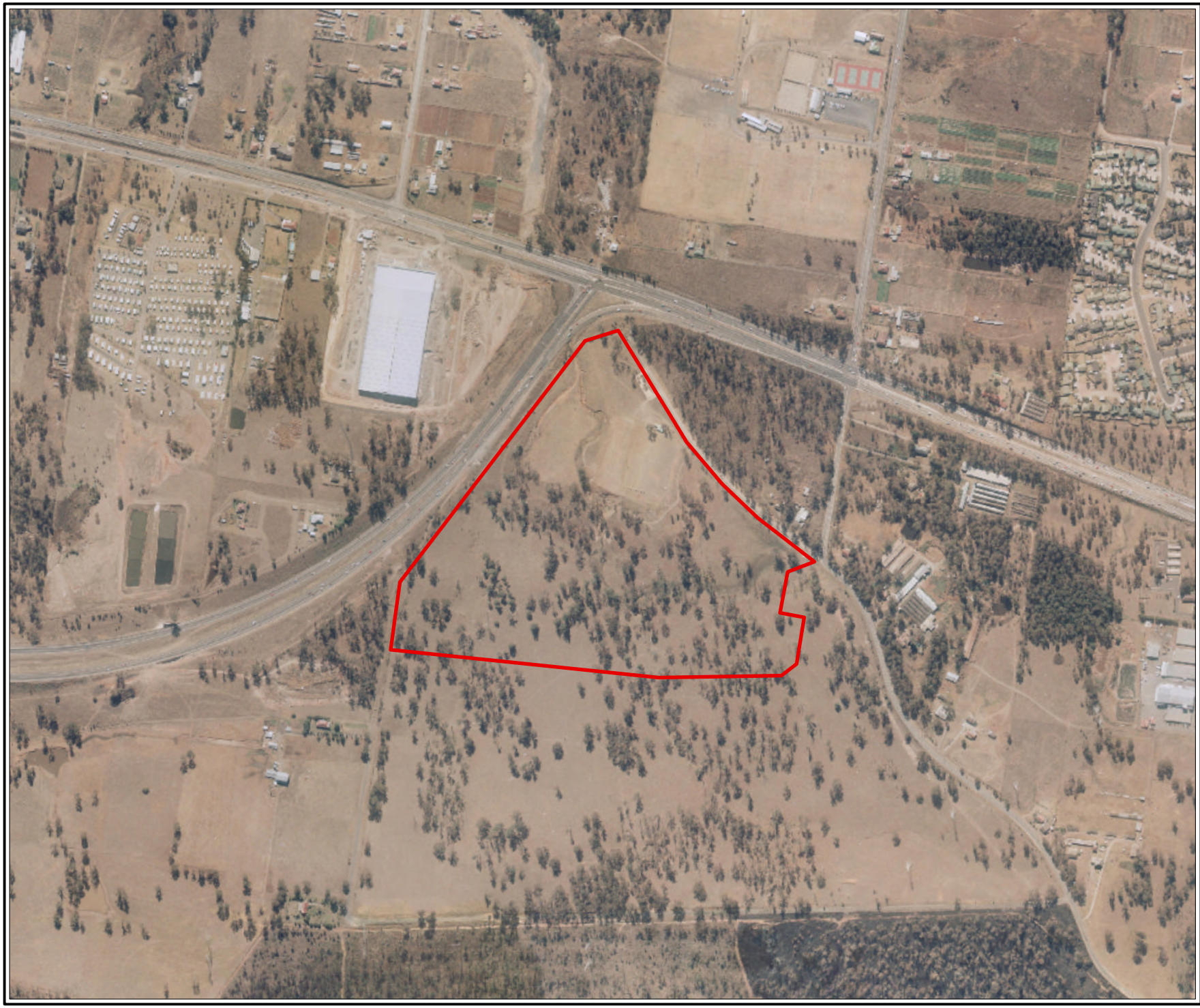
Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1984**

**AERIAL 1984**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024



**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1986**

**AERIAL 1986**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1991**

**AERIAL 1991**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 1998**

**AERIAL 1998**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024

**Legend**

Approximate Site Boundary

JBS&G

| | |
|---|---|
| Job No: 62799 | |
| Client: Goodman | |
| Version: Aerials | Date 24/05/2024 |
| Drawn By: IA | Checked By: JS |
| Scale 1:8,000 | |

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2004**

**AERIAL 2004**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024

**Legend**

Approximate Site Boundary

JBS&G

| | |
|---|---|
| Job No: 62799 | |
| Client: Goodman | |
| Version: Aerials | Date 24/05/2024 |
| Drawn By: IA | Checked By: JS |
| Scale 1:8,000 | |

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2005**

**AERIAL 2005**

File Name: 67299_HuntingwoodDD_Aerials
Reference: NSW Government | Copyright © Spatial Services 2024

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2009**

**AERIAL 2009**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2009/10/20)

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2010 APRIL**

**AERIAL 2010**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2010/04/22)

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2010 OCTOBER**

**AERIAL 2010**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2010/10/17)

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2011**

**AERIAL 2011**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2011/09/17)

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2012**

**AERIAL 2012**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2012/02/05)

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2013**

**AERIAL 2013**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2013/05/18)

**Legend**

Approximate Site Boundary

JBS&G

| | |
|---|---|
| Job No: 62799 | |
| Client: Goodman | |
| Version: Aerials | Date 24/05/2024 |
| Drawn By: IA | Checked By: JS |
| Scale 1:8,000 | |

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2014**

**AERIAL 2014**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2014/11/21)

**Legend**

Approximate Site Boundary

JBS&G

| | |
|---|---|
| Job No: 62799 | |
| Client: Goodman | |
| Version: Aerials | Date 24/05/2024 |
| Drawn By: IA | Checked By: JS |
| Scale 1:8,000 | |

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2015**

**AERIAL 2015**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2015/07/11)

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2018 (DECEMBER)**

**AERIAL 2018**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2018/12/29)

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2018 (JANUARY)**

**AERIAL 2018**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2018/01/18)

**Legend**

Approximate Site Boundary

JBS&G

Job No: 62799

Client: Goodman

| Version: Aerials | Date 24/05/2024 |
|---|---|
| Drawn By: IA | Checked By: JS |

Scale 1:8,000

0 75 150

metres

Coord. Sys. GDA 1994 MGA Zone 56

**Honeman Clos**
**Huntingwood, NSW**

**HISTORICAL AERIAL PHOTOGRAPH - 2023**

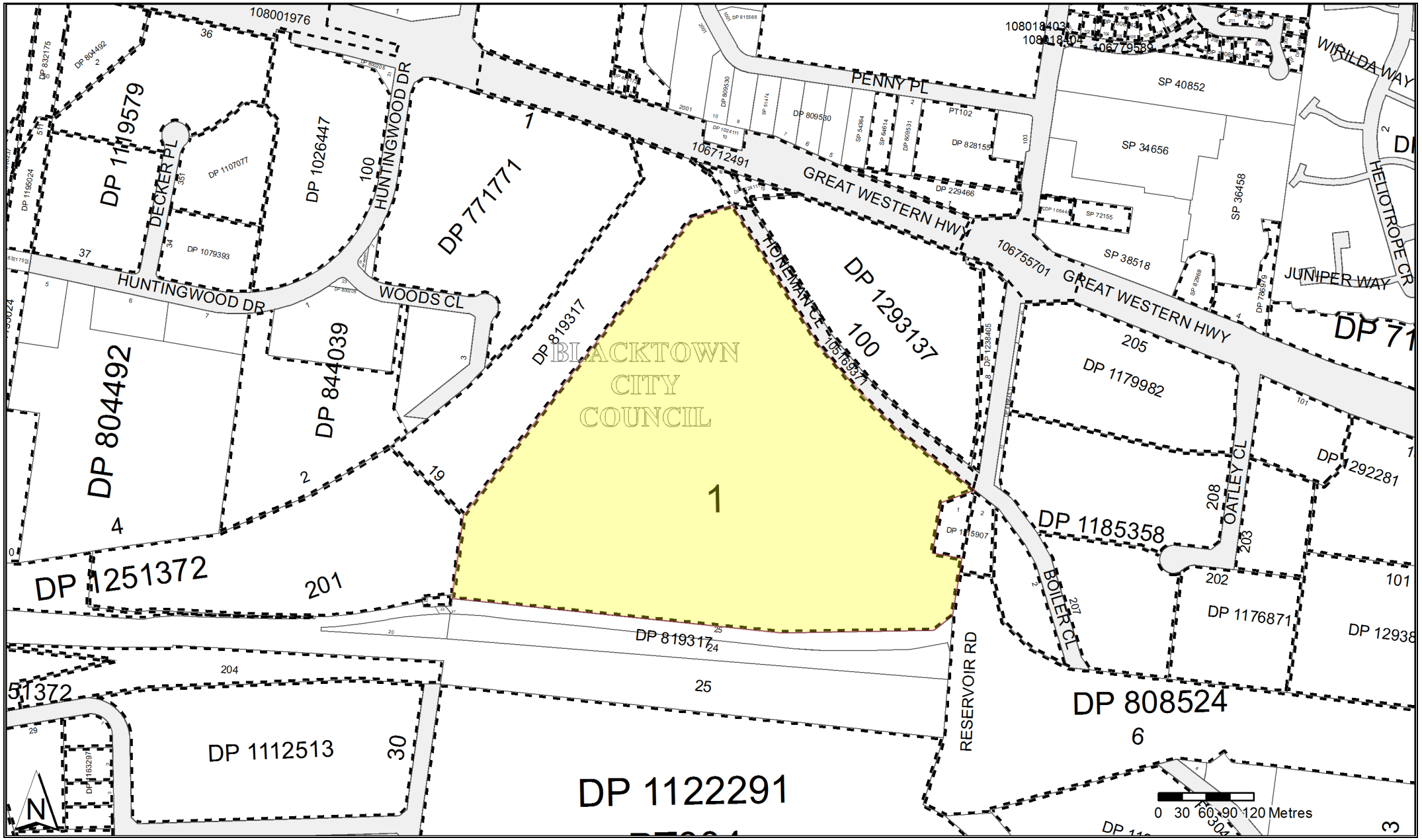
**AERIAL 2023**

File Name: 67299_HuntingwoodDD_Aerials
Reference: Nearmap - www.nearmap.com (Capture Date: 2023/10/22)

# Appendix G Historical Land Title Records

# Cadastral Records Enquiry Report : Lot 1 DP 1098102

**Locality :** HUNTINGWOOD
**Parish :** PROSPECT
**LGA :** BLACKTOWN
**County :** CUMBERLAND





Copyright © Crown in right of New South Wales, 2017

**This information is provided as a searching aid only.Whilst every endeavour is made to ensure that current map, plan and titling information is accurately reflected, the Registrar General cannot guarantee the information provided. For ALL ACTIVITY PRIOR TO SEPTEMBER 2002 you must refer to the RGs Charting and Reference Maps**

PLAN FORM 2

Plan Drawing only to appear in this space

*OFFICE USE ONLY

DP1098102

SIGNATURES, SEALS AND STATEMENTS of intention to dedicate public roads or to create reserves, drainage reserves, easements, restrictions on the use of land or positive covenants.

Signed for SYDNEY WATER CORPORATION by its Attorneys.

JEFFREY FRANCIS COLENSO

who hereby state at the time of executing this instrument have no notice of the revocation of the Power of Attorney Registered No. 323 Book 4465 under the Authority of which this instrument has been executed.

Signature of Witness

CATRIONA de WOLFF

Name of Witness

Crown Lands Office Approval

PLAN APPROVED .....
Authorised Officer

Land District .....

Paper No. .....

Field Book ..... pages .....

Subdivision Certificate

I certify that the provisions of s.109J of the Environmental Planning and Assessment Act 1979 have been satisfied in relation to the proposed Subdivision set out herein

* (insert "subdivision" or "new road")

* Authorised Person/~~General Manager~~/~~Accredited Certifier~~

Consent Authority: Blacktown City Council

Date of Endorsement: 17th MAY 2005

Accreditation no: N/A

Subdivision Certificate no: 11726

File no: DA-05-579

NOTE: Consent 05-579 of 15.6.05

When the plan is to be lodged electronically to the Land Titles Office, it should include a signature in an electronic or digital format approved by the Registrar-General.

* Delete whichever is inapplicable

Registered 28.6.2005

C.A: SEE CERTIFICATE

Title System: TORRENS

Purpose: SUBDIVISION

Ref. Map: U 9152 - 4, 42
U 8252 - 3,5,6,9,12
U 8252 - 32

Last Plan: DP1066170

PLAN OF SUBDIVISION OF LOT 4 DP 1066170

Lengths are in metres. Reduction Ratio 1: 15000

L.G.A. HOLROYD CITY, BLACKTOWN CITY, FAIRFIELD CITY

Locality: PROSPECT, WETHERILL PARK, HORSLEY PARK

Parish: PROSPECT HUNTINGWOOD

County: CUMBERLAND

This is sheet 1 of my plan in 8 sheets
(Delete if inapplicable)

Surveying Regulation 2001

I, DAVID KENNETH BURKE
of SYDNEY WATER SURVEY 36B BRUNKER RD YAGOONA 2199
a surveyor registered under the Surveying Act 2002, certify that ~~the survey represented in~~ this plan is accurate, has been made in accordance with the Surveying Regulation 2001 and was completed on 21st FEBRUARY 2005

The survey relates to PLAN COMPILED FROM DP 1059564, DP 1031817 AND DP 1066170
(here specify the land actually surveyed or specify any land shown in the plan that is not the subject of the survey)

Datum Line:
Type: Urban/~~Rural~~ Date: 21.2.05
(Signature)
Surveyor registered under the Surveying Act 2002

Plans used in preparation of survey/compilation.
DP 1031817
DP 1035614
DP 1042806
DP 1030754
DP 1059564
DP 1066170

PANEL FOR USE ONLY for statements of intention to dedicate public roads or to create public reserves, drainage reserves, easements, restrictions on the use of land or positive covenants

1. RESTRICTION AS TO USER.

SURVEYOR'S REFERENCE: 020111a – CHECKLIST COMP REQUEST No.2002-25 BD

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

Filename:

InfoTrack
Req:R551170 /Doc:DP 1098102 P /Rev:03-Jul-2006 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:03 /Seq:1 of 8
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

PLAN FORM 3 To be used in conjunction with Plan Form 2 WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

*OFFICE USE ONLY

DP1098102

Registered 28.6.2006

This is sheet 2 of my plan in 8 sheets dated 21ST FEBRUARY 2005

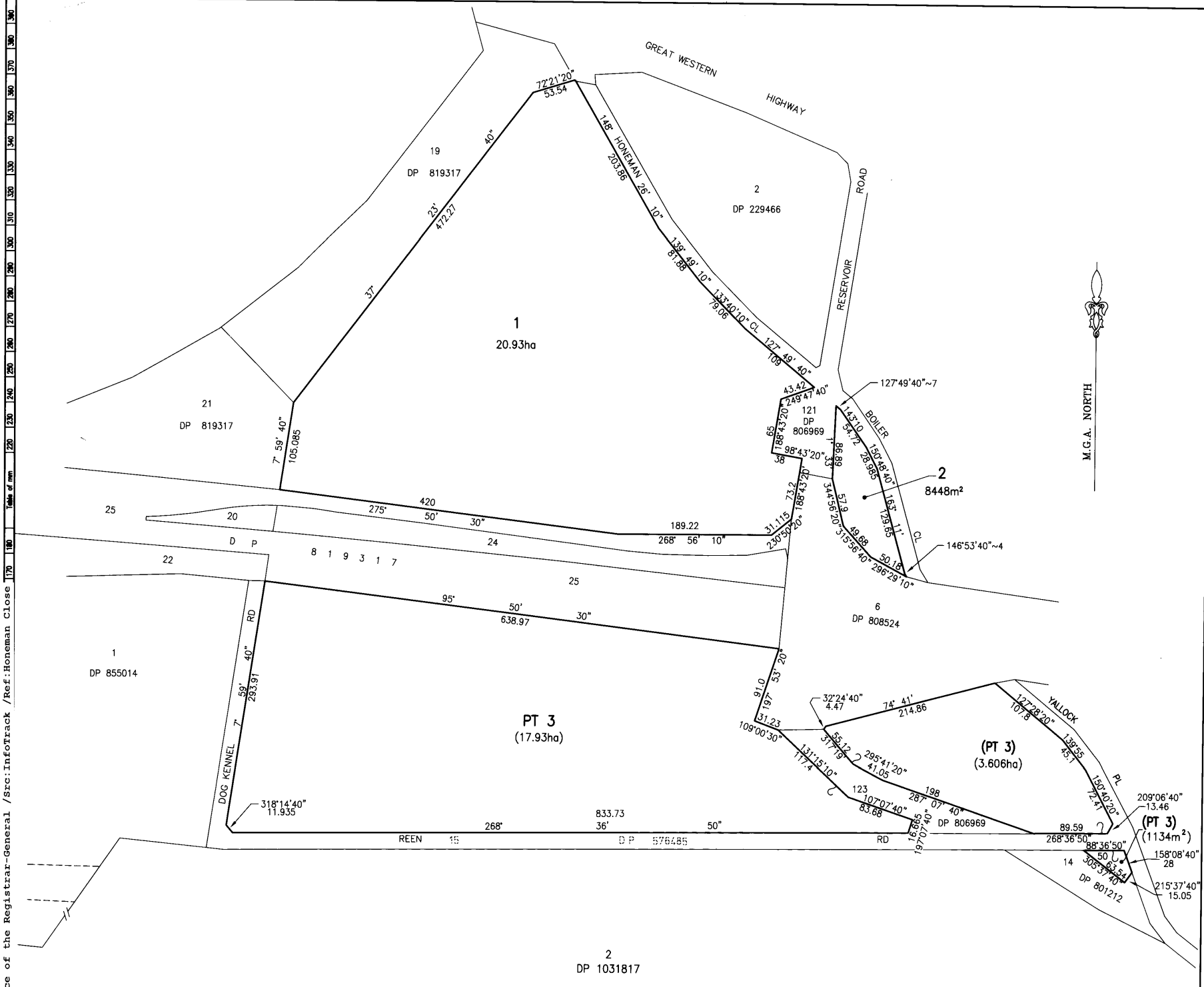
D. K. Brown 21.2.05

Surveyor registered under Surveyors Act 1929

This is sheet 2 of the plan of 8 sheets covered by my Certificate No. 11726 of 17.5.06

Council Clerk

For use where space is insufficient in any panel on Plan Form 2.




Plan Drawing only to appear in this space

Reduction Ratio 1: 3000

SURVEYOR'S REFERENCE: 020111b

Name:

Req:R551170 /Doc:DP 1098102 P /Rev:03-Jul-2006 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:03 /Seq:2 of 8
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

PLAN FORM 3 To be used in conjunction with Plan Form 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

*OFFICE USE ONLY

DP1098102

Registered 28·6·2006

This is sheet 3 of my plan in 8 sheets dated 21ST FEBRUARY 2005

D. K. Bowler 21.2.05

Surveyor registered under Surveyors Act 1929

This is sheet 3 of the plan of 8 sheets covered by my Certificate No. 11726 of 17.6.06

Council Clerk

For use where space is insufficient in any panel on Plan Form 2.

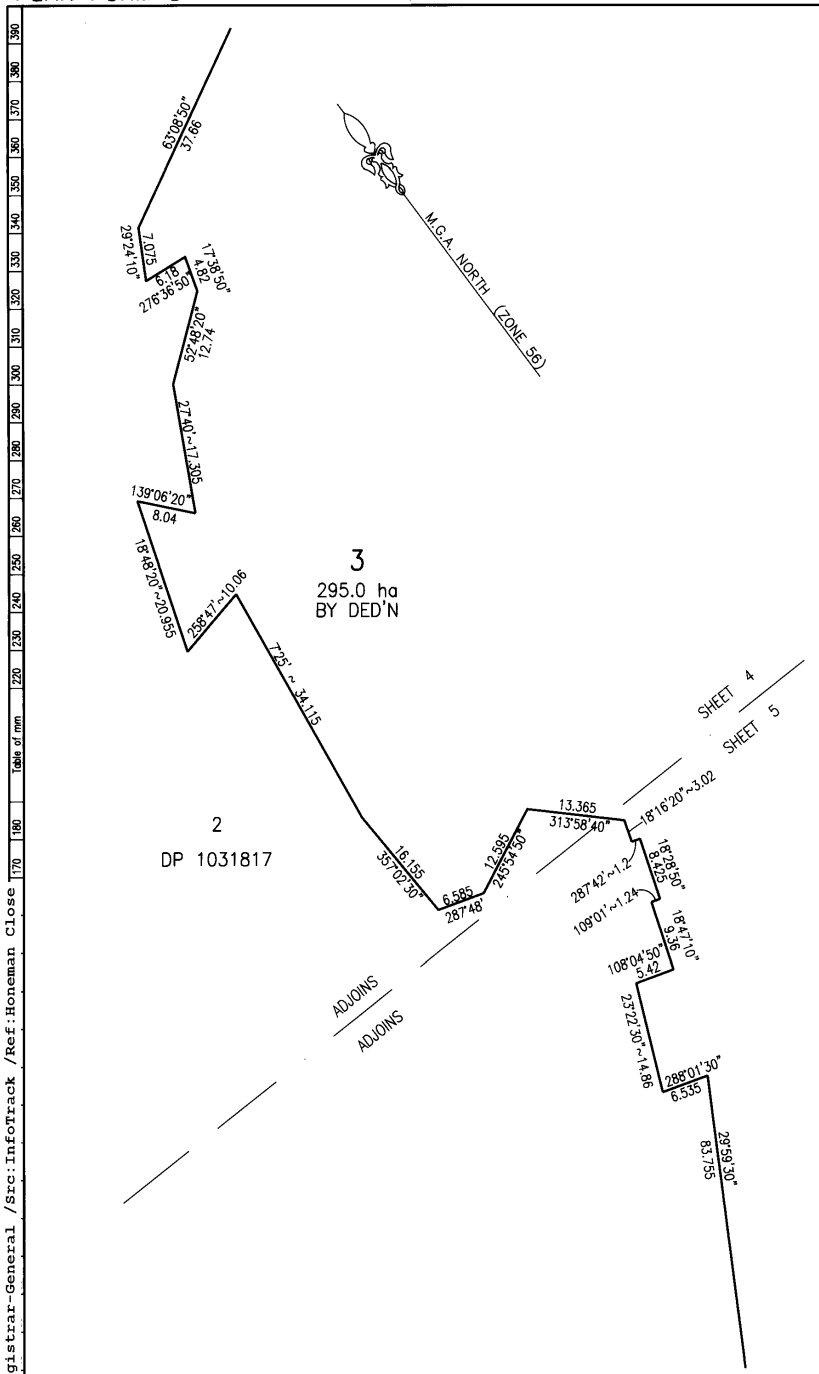



DIAGRAM A

SCALE 1:500

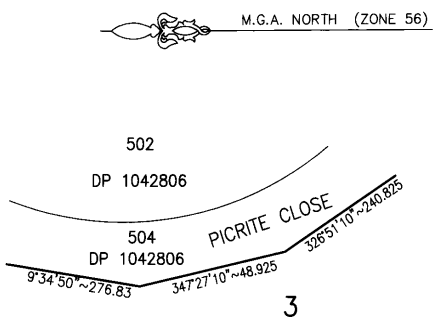



DIAGRAM B

NOT TO SCALE

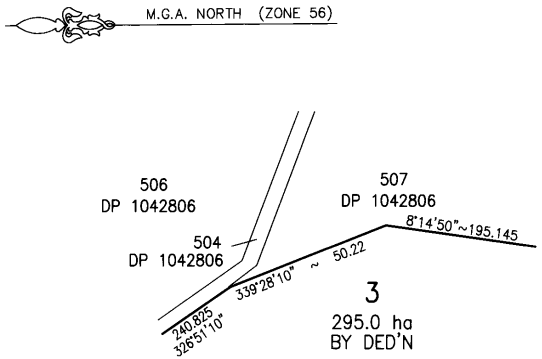



DIAGRAM C

NOT TO SCALE

Reduction Ratio 1: 3000

Plan Drawing only to appear in this space

SURVEYOR'S REFERENCE: 020111c

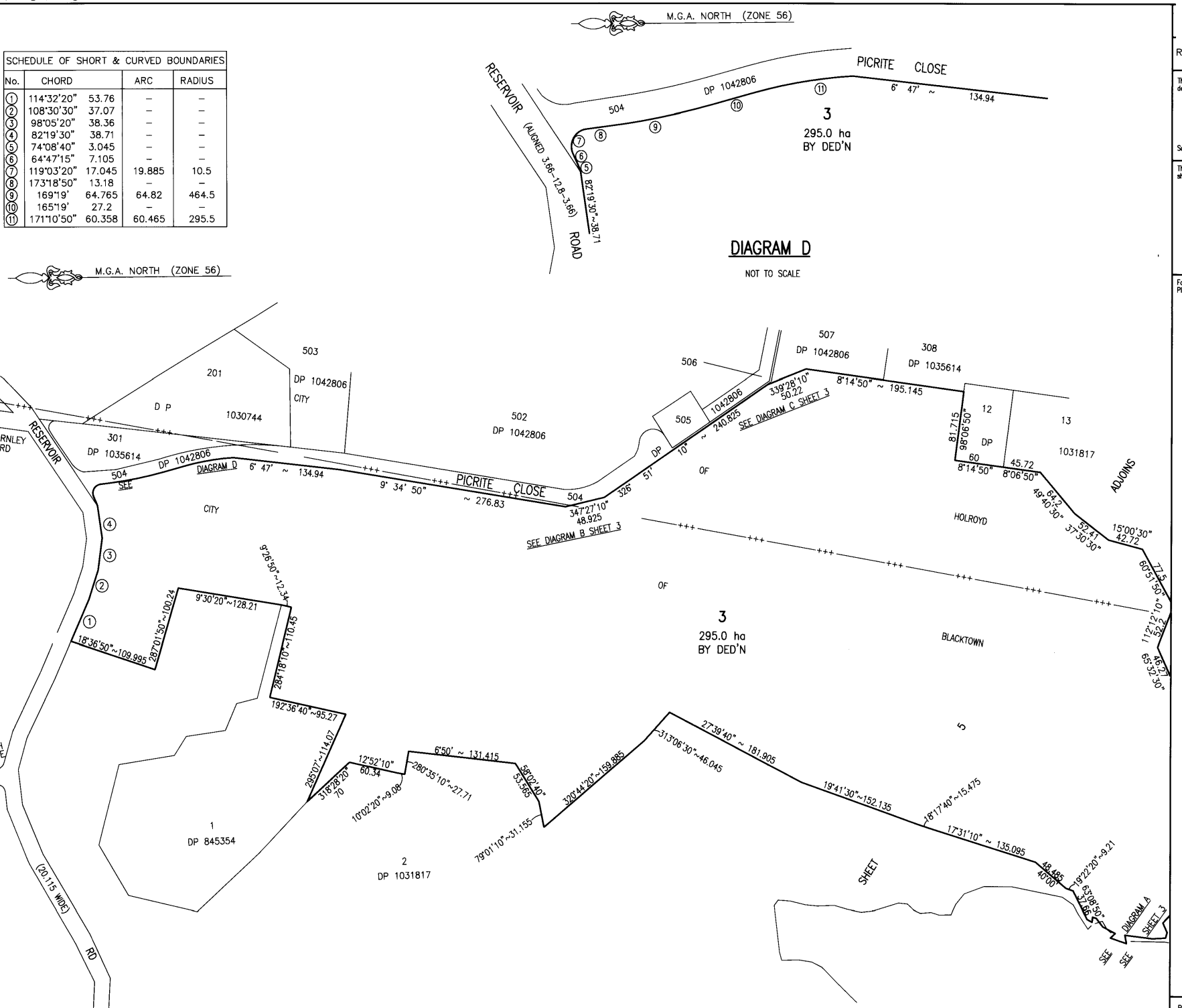
Req:R551170 /Doc:DP 1098102 P /Rev:03-Jul-2006 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:03 /Seq:3 of 8
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close
© ename:

PLAN FORM 3 To be used in conjunction with Plan Form 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

| SCHEDULE OF SHORT & CURVED BOUNDARIES | | | | |
|---|---|---|---|---|
| No. | CHORD | | ARC | RADIUS |
| ① | 114°32'20" | 53.76 | – | – |
| ② | 108°30'30" | 37.07 | – | – |
| ③ | 98°05'20" | 38.36 | – | – |
| ④ | 82°19'30" | 38.71 | – | – |
| ⑤ | 74°08'40" | 3.045 | – | – |
| ⑥ | 64°47'15" | 7.105 | – | – |
| ⑦ | 119°03'20" | 17.045 | 19.885 | 10.5 |
| ⑧ | 173°18'50" | 13.18 | – | – |
| ⑨ | 169°19' | 64.765 | 64.82 | 464.5 |
| ⑩ | 165°19' | 27.2 | – | – |
| ⑪ | 171°10'50" | 60.358 | 60.465 | 295.5 |

M.G.A. NORTH (ZONE 56)




DP1098102

Registered 28.6.2006 *

This is sheet 4 of my plan in 8 sheets dated 21ST FEBRUARY 2005

D. K. Barlow 21.2.05

Surveyor registered under Surveyors Act 1929

This is sheet 4 of the plan of 8 sheets covered by my Certificate No. 11726 of 17.5.06

Council Clerk

For use where space is insufficient in any panel on Plan Form 2.

Reduction Ratio 1: 3000

Plan Drawing only to appear in this space

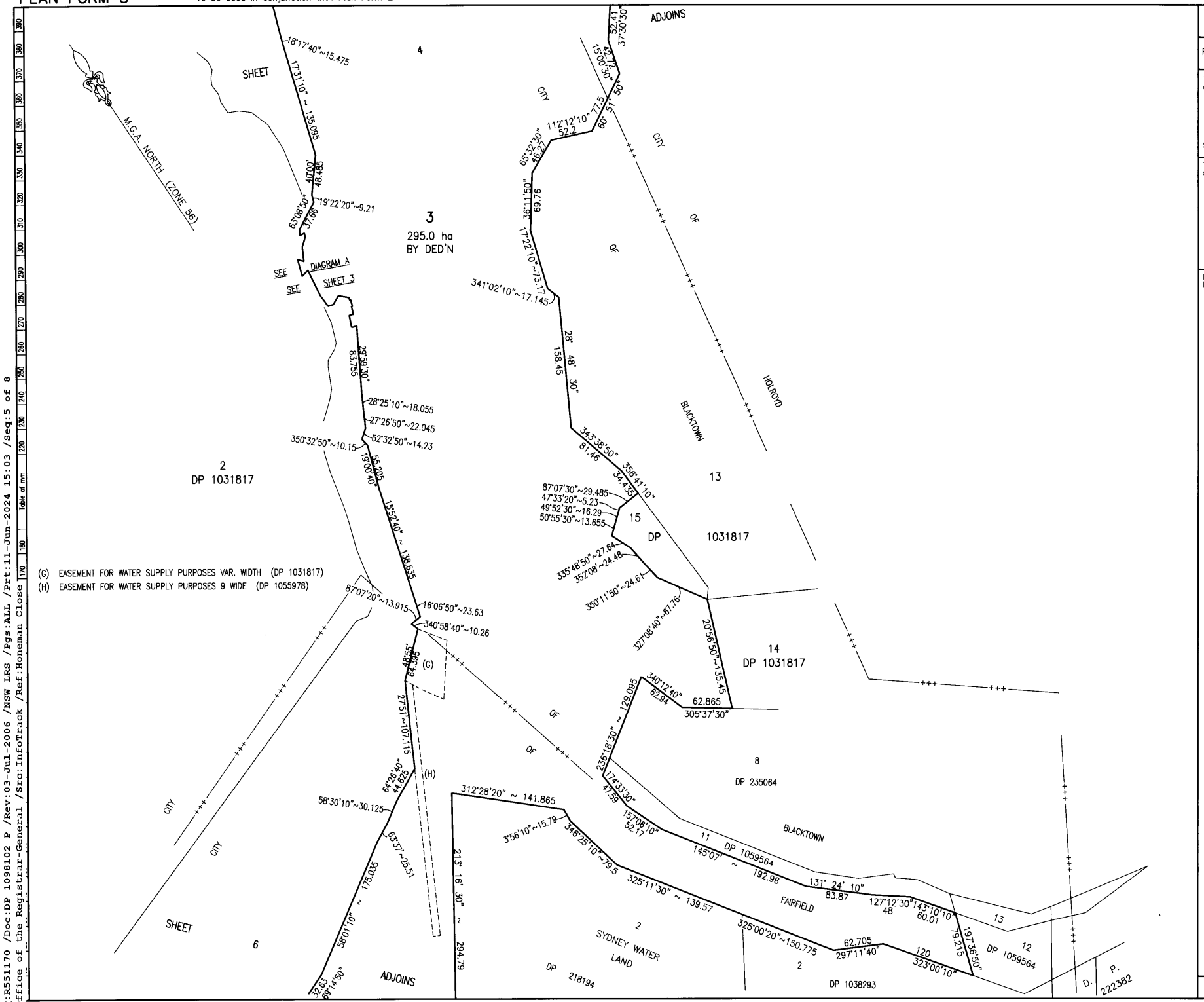
SURVEYOR'S REFERENCE: 020111d

Req:R551170 /Doc:DP 1098102 P /Rev:03-Jul-2006 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:03 /Seq:4 of 8
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close
ename:

PLAN FORM 3

To be used in conjunction with Plan Form 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION




DP1098102

Registered 28.6.2006 *

This is sheet 5 of my plan in 8 sheets dated 21ST FEBRUARY 2005

D. K. Bowler 21.2.05

Surveyor registered under Surveyors Act 1929

This is sheet 5 of the plan of 8 sheets covered by my Certificate No. 11726 of 19.5.06

Council Clerk

For use where space is insufficient in any panel on Plan Form 2.

Reduction Ratio 1: 3000

Plan Drawing only to appear in this space

SURVEYOR'S REFERENCE: 020111e

Req:R551170 /Doc:DP 1098102 P /Rev:03-Jul-2006 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:03 /Seq:5 of 8
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

ename:

PLAN FORM 3 To be used in conjunction with Plan Form 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

*OFFICE USE ONLY

DP1098102

Registered 28. 6. 2006 *

This is sheet 6 of my plan in 8 sheets dated 21ST FEBRUARY 2005

D. K. Bowler 21.2.05

Surveyor registered under Surveyors Act 1929

This is sheet 6 of the plan of 8 sheets covered by my Certificate No. 11726 of 1996

Council Clerk

For use where space is insufficient in any panel on Plan Form 2.

Reduction Ratio 1: 3000

SURVEYOR'S REFERENCE: 020111f

Plan Drawing only to appear in this space

AMENDMENT BY ME 22.6.06

(M) PIPELINE EASEMENT 10 WIDE & VARIABLE (DP 1002746) (AB951242)

SHEET

ADJOINS

M.G.A. NORTH (ZONE 56)

2 DP 1031817

3 295.0 ha BY DED'N

5

2 DP 218194

2 DP 1038293

1 DP 430495

1 DP 519182

BK2684 No870

100 DP 864960

22 DP 249417

ROAD

MUIR (20 WIDE & VAR.) PL

ARNOTT (20 WIDE & VAR.) PL

DAVIS

(20.115 WIDE)

10 DP 856114

7

63° 11' 30" 250.415

70°18'10" 71.27

65°15'40" ~4.46

74° 02' 101.52

70°55'10" 90.88

65°12'40" 60.785

67°24'10" 72.285

81°26' ~ 199.675

82°08'50" ~ 146.285

75° 16' 20" ~ 264.373

69°14'30" 32.63

213°16'30" 294.379

158° 31' 20" ~ 454.04

0°05'50" ~ 10.32

113°46'30" 10.145

196°27'30" 0.625

213°17'10" ~ 147.64

86° 44' 10" ~ 269.84

517.81

268° 43' 30" ~ 269.515

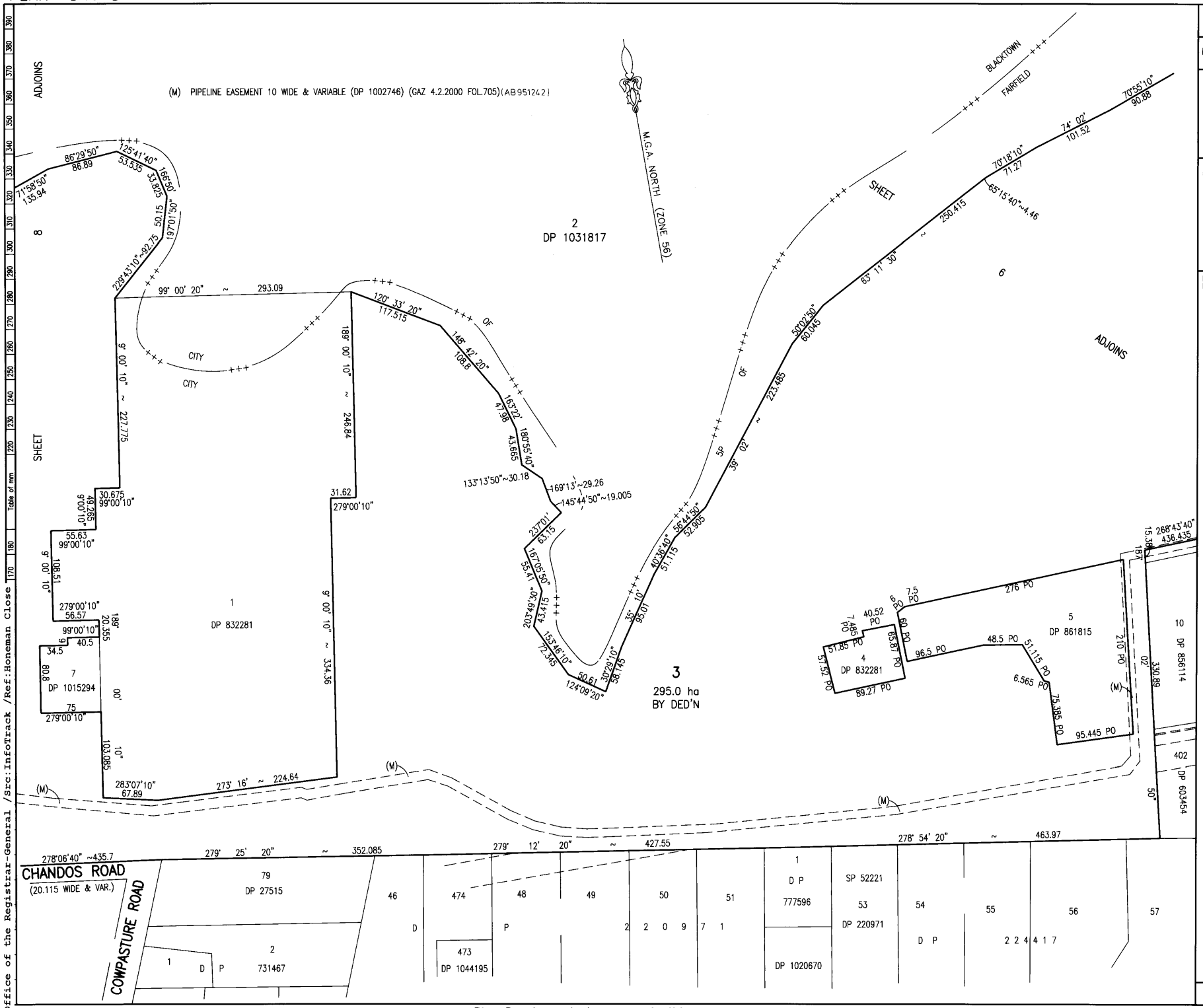
268° 44' 10" ~ 177.995

268° 43' 20" ~ 436.435

268° 43' 40" ~ 15.38

Req:R551170 /Doc:DP 1098102 P /Rev:03-Jul-2006 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:03 /Seq:6 of 8
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

PLAN FORM 3 To be used in conjunction with Plan Form 2 WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION




DP1098102

Registered 28.6.2006 *

This is sheet 7 of my plan in 8 sheets dated 21ST FEBRUARY 2005

D. K. Bowler 21.2.05

Surveyor registered under Surveyors Act 1929

This is sheet 7 of the plan of 8 sheets covered by my Certificate No. 11726 of 17.8.06

Council Clerk

For use where space is insufficient in any panel on Plan Form 2.

Reduction Ratio 1: 3000

Plan Drawing only to appear in this space

SURVEYOR'S REFERENCE: 020111g

AMENDMENT BY ME 22.6.06 D. K. Bowler

Req:R551170 /Doc:DP 1098102 P /Rev:03-Jul-2006 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:03 /Seq:7 of 8
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close
© ename:

PLAN FORM 3 To be used in conjunction with Plan Form 2

WARNING: CREASING OR FOLDING WILL LEAD TO REJECTION

# DP1098102

Registered 28.6.2006*

This is sheet 8 of my plan in 8 sheets dated 21ST FEBRUARY 2005

D. K. Bamber 21.2.05

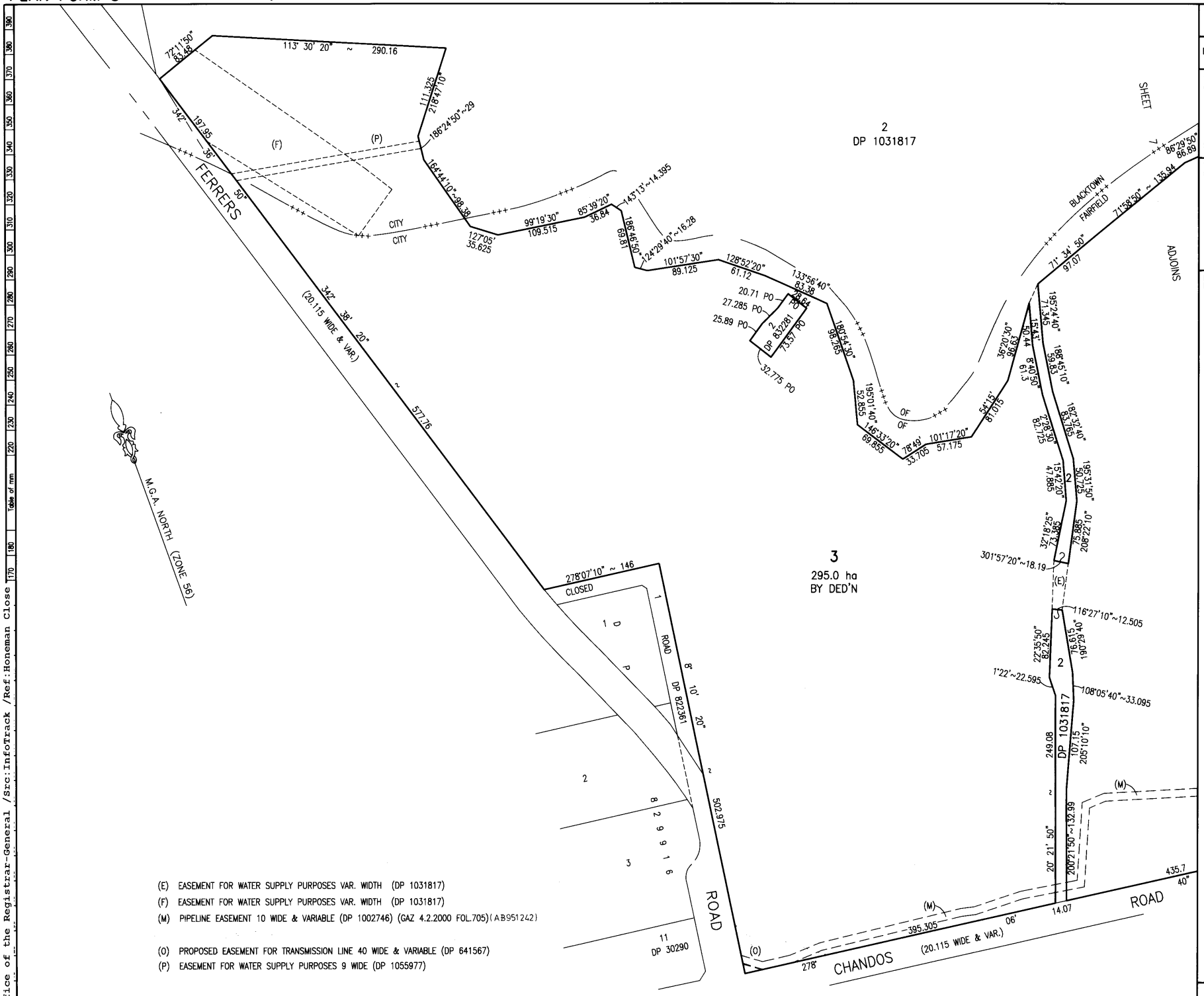
Surveyor registered under Surveyors Act 1929

This is sheet 8 of the plan of 8 sheets covered by my Certificate No. 11726 of 17.5.06

Council Clerk

For use where space is insufficient in any panel on Plan Form 2.

Reduction Ratio 1: 3000




(E) EASEMENT FOR WATER SUPPLY PURPOSES VAR. WIDTH (DP 1031817)

(F) EASEMENT FOR WATER SUPPLY PURPOSES VAR. WIDTH (DP 1031817)

(M) PIPELINE EASEMENT 10 WIDE & VARIABLE (DP 1002746) (GAZ 4.2.2000 FOL.705) (AB951242)

(O) PROPOSED EASEMENT FOR TRANSMISSION LINE 40 WIDE & VARIABLE (DP 641567)

(P) EASEMENT FOR WATER SUPPLY PURPOSES 9 WIDE (DP 1055977)

AMENDMENT BY ME 22.6.06 D. K. Bamber

Plan Drawing only to appear in this space

SURVEYOR'S REFERENCE: 020111h

Req:R551170 /Doc:DP 1098102 P /Rev:03-Jul-2006 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:03 /Seq:8 of 8
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

ename:

Req:R551198 /Doc:PA 037860 PA /Rev:23-Jun-2015 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:04 /Seq:1 of
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

R.P.2.

New South Wales. [EC 14 11 27 1951]

Fees:— £ s. d.

Lodgment ... 1 : —
Certificate ... 1 : 10 —
Advertising ... 1 : 10 —
Office Copy ... — : 5 —
Plan ... — : 7 6
Total ... £4 : 12 6

No. 37860

# APPLICATION TO BRING LANDS UNDER THE PROVISIONS OF THE REAL PROPERTY ACT, 1900.

## FEE SIMPLE.[a]

[a] This form may be modified to suit the case of a leasehold title.

CAUTION.—Applicants are reminded that by virtue of the provisions of the Crimes Act, 1900, the penalties of perjury are attached to a false declaration concerning any matter or procedure under the Act, and that the utmost care is therefore necessary in framing (or reading over, if the form be filled up by an Attorney) every particular statement herein.

It is further provided by Section 126 of the Real Property Act, 1900, that any applicant procuring a Certificate through any fraud, error, omission, misrepresentation, or misdescription will, notwithstanding the issue of such Certificate, remain liable for damages to any person thereby prejudiced. And any person who fraudulently procures, assists in fraudulently procuring, or is privy to the fraudulent procurement of any Certificate of Title, is declared guilty of a misdemeanour, and liable to a penalty not exceeding £500, or imprisonment not exceeding three years; and any Certificate thereby procured is rendered void as between all parties or privies to the fraud.

[b] Here state Christian and surname (or names) in full with residence and occupation.

[c] "I am" or if the declaration is made by an attorney "C.D. of is" (as the case may be).

[d] Here give description of the property in full. If the land is shown on a plan lodged with the application or is fully described in a deed, it will be sufficient to insert a reference to the area, town, parish, and county and words indicating that the land is shown on the plan or described in the deed in question. The application may include an appurtenant easement expressly created by an instrument not registered under the Real Property Act, 1900 (see section 44A). Unless the Registrar-General has previously dispensed with a plan of survey, an accurate plan, prepared and certified by a surveyor specially licensed under the Act, must accompany the application. If there be any rights of way or other rights or easements affecting the premises the particulars should be stated. If the space for description be insufficient, it may be completed by annexure which must however be identified as part of the declaration, by memorandum signed by the declarant and attesting witness.

[e] The full improved value should be stated.

[f] State whether "the whole" or "part."

[g] Insert allotment with reference to number and section on plan, if any, or if not, number of acres granted.

[h] Name of Grantee.

[i] If there be any lease, add the words "except as follows" and insert particulars thereof.

[j] If there be any mortgage, lien, etc., add the words "except as follows" and insert particulars thereof.

[k] Insert "unoccupied," or "in the occupation of" adding names and addresses of tenants in full. State also nature of tenancy, if not under some lease before mentioned. When the applicant is not in actual occupation, but has a caretaker or manager in occupation, the name of such caretaker or manager should be stated, together with the nature of his occupancy.

[l] Here insert names and residences of adjacent owners and occupiers on all sides.

I[b] WALTER VICTOR AIRD of 341 Pitt Street, Sydney in the State of New South Wales, Secretary of THE METROPOLITAN WATER SEWERAGE AND DRAINAGE BOARD

do solemnly and sincerely declare, that I am by Power of ~~Owner for an Estate in fee simple of~~ Attorney registered No. 59428 Miscellaneous Register, the Attorney of the said Board for bringing its land under The Real Property Act 1900 and that the Board is seized for an Estate in fee simple of ALL THAT parcel of land in the County of Cumberland Parish of Prospect containing 3307 acres 1 rood 30 perches shown on plan declared by John Robert Gowland Registered Surveyor on the fifth day of February, 1951 which land is comprised within the various Crown Grants mentioned in the Schedule of Crown Grants hereto annexed and marked "A"

~~which land (including all improvements) is of the value of[e]~~ £4,640,000

~~and no more, and is[f]~~ ~~of[g]~~ ~~originally granted to[h]~~ ~~by Crown grant, under the hand of the Governor of the Colony, dated the~~ ~~day of~~ ~~18~~

And I further declare that I verily believe there does not exist any lease or agreement for lease of the said land, for any term exceeding a tenancy for one year, or from year to year,[k] except as mentioned in The Schedule of Leases hereto annexed and marked "B"

Also, that there does not exist any mortgage, lien, writ of execution, charge or encumbrance, will or settlement, or any deed or writing, contract, or dealing (other than such lease or tenancy as aforesaid), giving any right, claim, or interest in or to the said land, or any part thereof, to any other person than ~~myself or ourselves~~ the said Board

and I further declare, that there is no person in possession or occupation of the said land or any part thereof adversely to ~~my or our~~ its Estate or Interest therein, and that the said land is now[m] as to parts in the occupation of the various tenants of tenants mentioned in the Schedule hereto annexed and marked "C", and as to the balance is in the occupation of the said Board

and that the owners and occupiers of adjacent lands are as follows[n]:—

| State whether on North, South, East, or West. | Name. | State whether owner or occupier. | Address. |
|---|---|---|---|
| On parts of the East | L.G. & T.J. Hicks. | Own & Occ. | Western Rd., Prospect. |
| | N.S.W. Assoc. Blue Metal Quarries. | Own & Occ. | 54 Martin Place, Sydney. |
| | E.M. Hunt & R. Hickman | Owner | Hylands Road, Wetherill Park. |
| | Sydney & Sub. Blue Metal Quarries | Occ. | 54 Martin Place, Sydney. |
| | E.M. Hunt & R. Hickman | Own & Occ. | Hylands Rd., Wetherill Park. |
| On parts of the South | Mrs. MacMahon | Own & Occ. | Hyland Rd., Widemere via Wentworthville |
| | Herbert Field Pty. Ltd. (Vacant) | Owners | 265 George Street, Sydney. |
| On parts of the West | Attilio Rubbo (Vacant) | Owner | Reservoir Rd., Blacktown. |
| | Thos. Coleman (Vacant) | Owner | C/- C.B. Coleman, 25 Eric St., Ryde |
| | N. Godley | Own & Occ. | Western Road, Prospect. |
| | Mrs. M.E. Walker | Own & Occ. | "Banfield," Horsley Rd., Eastern Creek |
| | G.A. Bell | Own & Occ. | Horsley Rd., Eastern Creek. |

6t 7257

Req:R551198 /Doc:PA 037860 PA /Rev:23-Jun-2015 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:04 /Seq:2 o
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

* The declaration may be qualified to the extent to which Applicant's title has been previously passed by the Registrar General by inserting the words "Commencing with Conveyance dated ..... registered ....." or as the case may be. Otherwise all documents from the Crown Grant onwards must be entered in the Schedule.

And I further declare, that the annexed Schedule, to which my signature is affixed, and which is to be taken as part of this Declaration, contains a full and correct list * ---------- of all settlements, deeds, documents, or instruments, maps, plans and papers relating to the land and comprised in this application, so far as I have any means of ascertaining the same, distinguishing such as being in my possession or under the control of the said Board are herewith lodged and indicating where or with whom, so far as known to me, any others thereof are deposited. Also, that there does not exist any fact or circumstance whatever material to the title, which is not hereby fully and fairly disclosed to the utmost extent of my knowledge, information, and belief; and that there is not, to my knowledge and belief, any action or suit pending affecting the said land, nor any person who has or claims any estate, right, title or interest therein, or in any part thereof, otherwise than by virtue and to the extent of some lease or tenancy hereby fully disclosed *.

† If there be any exception add the words "except as follows" and insert necessary particulars.

And I make this solemn Declaration, conscientiously believing the same to be true.

DATED at Sydney this Sixth day of December 1951

(RULE UP ALL BLANKS BEFORE SIGNING.)

‡ If made in New South Wales this declaration must be attested by the Registrar General or Deputy, or by a Notary Public, or by a Justice of the Peace, or Commissioner for Affidavits. If made outside the State it should be made according to the law of the State where made, before a person authorised by that law to take declarations. If the signature be by mark, the attestation must state that the document was read over to the declarant, and that he appeared fully to understand the contents. This applies also to the subjoined direction, particularly if a different person be nominated to receive certificate.

Made and subscribed by the abovenamed WALTER VICTOR AIRD this Sixth day of December 1951 in the presence of ‡ [signature] } *

Signature of Applicant } [signature]

Attorney of the said Board

See min. 18 Request to be amended. 16/7/52

*To the Registrar-General,—*

I WALTER VICTOR AIRD

the above declarant, do hereby apply to have the land described in the above declaration brought under the provisions of the Real Property Act, and request you to issue the Certificate of Title in the name of * The Metropolitan Water Sewerage and Drainage Board and DO HEREBY REQUEST that the Certificate of Title to be issued to the said Board be consolidated with ~~Certificate of Title Registered Volume 5081 Folio 206~~

DATED at Sydney this Sixth day of December 1951.

Witness to Signature— [signature]

Justice of the Peace.

(Signature of Applicant) [signature]

* If to Applicant, say "myself"; if to other person write name at full length, with address and occupation.
If two or more, state whether as joint tenants or tenants in common; if as tenants in common state shares. If to an infant, the age should be stated, and verified by Certificate of Birth, or by Statutory Declaration.
If to a married woman, the name of the husband, together with his residence and occupation, should be stated.

* N.B.—The Schedule below and Certificate indorsed on fourth page should be also signed.

*In no case can any alterations, however trifling, be allowed to be made after the application has been once declared,* unless all the parties re-sign and re-declare the same. If it is discovered that any alterations are necessary, the applicant may make a statutory declaration setting out in what manner he desires the application to be altered, which declaration will then (unless the Registrar General considers that a fresh application ought to be made) be read as one with the application.

THOSE PARTS OF C.T. Vol 5081 Fol 206 AS (RULE UP ALL BLANKS BEFORE SIGNING.) ARE NOW INCLUDED IN THE PLAN (SEE PARA 2 DECLN OF M.J. ARKINS (DOC, 54)

## SCHEDULE REFERRED TO. *

(TO BE SIGNED BY APPLICANT IMMEDIATELY BELOW THE LAST DOCUMENT SCHEDULED.)

**To include not only Title Deeds, Probates, Letters of Administration, etc., but also the Surveyor's Plan or Statement in lieu thereof.**

* For the particulars which this Schedule must comprise, see concluding part of Declaration, to which particular attention is directed, as any omission or mis-statement will render applicant liable to the penalties of false Declaration.

| No. | Date. | Nature of Instrument. | Parties. | Registration. Book. | Registration. No. | When and by whom Lodged. |
|---|---|---|---|---|---|---|
| 1 | 5/2/51 | PLAN | No. 406603 declared by John Robert Cowland Registered Surveyor. | | | Herewith |
| 2 | | NOTIFICATION OF RESUMPTION under Act 44 Vic. No. 16 published in Gazette No. 156 of 11th April 1881 resuming lands for the supply of water to the City of Sydney and its suburbs. | | | | |
| 3 | | NOTIFICATION OF RESUMPTION under Act 44 Vic. No. 16 published in Gazette No. 227 of 10th June 1881 resuming lands for the supply of water to the City of Sydney and its suburbs. | | | | |
| 4 | | NOTIFICATION OF RESUMPTION under Act 44 Vic. No. 16 published in Gazette No. 324 of 11th August 1882 resuming lands for the supply of water to the City of Sydney and its suburbs. | | | | |

**Should any transaction affecting the land in this application be entered into or any alterations in the buildings or fences be made subsequent to the date of the application, but prior to the issue of the Certificate of Title, the Registrar General should be informed immediately, and all documents evidencing such transaction should be lodged.**

Req:R551198 /Doc:PA 037860 PA /Rev:23-Jun-2015 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:04 /Seq:3 of 4
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close



# SCHEDULE OF CROWN GRANTS

## Parish of PROSPECT County of CUMBERLAND

| | PORTION | AREA OF GRANT (acres) | GRANTEE | DATE OF GRANT |
|---|---|---|---|---|
| 2~280 ϕ | 24 (Pt) | 70 | Lazarus Graves | 1st August 1799 |
| 3~116 ϕ | Part 26 (Pt) | 110 | Charles Bishop | 15th " 1803 |
| 2~274 | " 29 (Pt) | 160 | John Kennedy | 3rd May 1799 |
| 1~46 (1) | " 47 (Pt) | 50 | John Trace | 3rd November 1792 |
| 1~44 (1) | " 48 (Pt) | 50 | John ~~Baugham~~ Baughan | 29th September 1792 |
| 1~91 (1) | 49 (Pt) | 30 | James Cleaver | 1st April 1794 |
| 3~77 | 50 (Pt) | 49 | Michael Donovan | 31st March 1802 |
| 3~116 | 51 (Pt) | 30 | Furgus Gallagher | 9th August 1803 |
| 3~159 | 52 (Pt) | 60 | Anthony Landren | 11th August 1804 |
| 2~428 | 53 (Pt) | 30 | James Dunlap | 1st January 1800 |
| 2~388 | 54 (Pt) | 40 | Charles Smith | 12th November 1799 |
| 2~421 | 55 (Pt) | 40 | William Slaughter | 18th December 1799 |
| 2~395 | Part 61 (Pt) | 75 | William Cummings | 12th November 1799 |
| 33~122 | Part 64 (Pt) | 50 | William Lawson | 11th August 1834 |
| ~~34~94~~ | ~~68 (Pt)~~ | ~~100~~ | ~~Joseph Morley~~ | ~~8th May 1835~~ |
| 11~145 | 69 (Pt) | 50 | John Hall, Senior | 17th August 1819 |
| 11~146 | 70 (Pt) | 50 | Robert Roe | do |
| 11~144 | 71 (Pt) | 40 | John Hall, Junior | " |
| 11~143 | 72 (Pt) | 40 | William Cheshire | " |
| 11~142 | 73 (Pt) | 30 | William Anson | " |
| 11~141 | 74 (Pt) | 30 | Isaac Bartholomew | " |
| 11~139 | 75 (Pt) | 35 | William Whiteman | " |
| 11~136 | Part 76 (Pt) | 80 | John Watts | " |
| 11~138 | 77 (Pt) | 40 | Jane Hall | " |
| 11~165 | Part 79 (Pt) | 250 | Samuel Terry | " |
| 11~159 | " 94 (Pt) | 500 | Frederick Dixon | " |
| 11~51 | " 95 (Pt) | 300 | John ~~Jacques~~ Jaques | " |
| 11~163 | 179 (Pt) | 1200 | John Brabyn | " |
| 11~162 | Part 180 (Pt) | 500 | William Lawson | " |
| 11~140 | " 222 (Pt) | 50 | Thomas Howard | " |
| 2~392 | 225 (Pt) | 25 | James Harris | 12th November 1799 |

Also land for which no Grant has issued (Pt of roads & drainage) 16/1/52

Req:R551198 /Doc:PA 037860 PA /Rev:23-Jun-2015 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:04 /Seq:4 of
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close



## SCHEDULE OF LEASES.

| | | | | |
|---|---|---|---|---|
| Boiler Paddock of 168a.2r. 12 p. and North Paddock of 54a. 1 r. 32p. | 2/9/1949 | Lease (Unregd.) | The M.W.S. & D. Bd. to Fashwin Pty. Limited. | Term of 5 years from 10/9/1947. |
| | 21/3/1951 | Assgt. of Lease (Unregd.) | Fashwin Pty. Limited (1st part) The M.W.S. & D. Board (2nd part) Prince Alfred Hospital (known as Royal Prince Alfred Hospital (3rd part) | |
| Central Paddocks of 157a.0r.9p. | 6/4/1949 | Lease (Unregd.) | The M.W.S. & D. Board to Theo James Hicks and Norman Kenneth Hicks (trading as Hicks Bros), for | Term of 5 years from 10/9/1947. |
| Parcel of 48a. 3 r. 17p. | 12/2/1941 | Lease No. 831 Bk. 1892 | The M.W.S. & D. Board to The N.S.W. Associated Blue Metal Quarries Limited | Term of 25 years from 1/1/1940 |
| Camp Paddock 303a. 2r. 32p. | 7/12/1949 | Lease (Unregd.) | The M.W.S. & D. Board to Charles William Crosby | Term of 5 years from 1/12/1948 |

Secretary

Req:R551198 /Doc:PA 037860 PA /Rev:23-Jun-2015 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:04 /Seq:5 of
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close



## SCHEDULE OF TENANTS

1. Prince Alfred Hospital (known as Royal Prince Alfred Hospital), Missenden Road, Camperdown (Boiler Paddock and Camp Paddock) (Expiring 10-4-57)

2. Theo James Hicks and Norman Kenneth Hicks trading as Hicks Bros. of Prospect. (Central Paddocks) (Expires 31/1/54)

3. Kenneth Styles Pty. Limited of 155 King Street, Sydney (The Board has arranged to lease to this tenant, with the consent of Hicks Bros., quarrying rights for a term of 25 years from 1/11/1951 over a parcel of 31a. Or. 21p. part of Central Paddocks. No instrument of lease has yet been prepared. 25 years from 1-11-51 of 31a-0r-21p and area now 3a-2r-27½p Lease 13h22235 ex.708) (Bk 2246)

4. The N.S.W. Associated Blue Metal Quarries Limited of 34 Martin Place, Sydney (48a. 3r. 17p. Lease No. 831 Book 1892). (also adjoining owner)

5. The Sydney and Suburban Blue Metal Quarries Limited of 34 Martin Place, Sydney (parcels of 7a. 2 r. 1p., 2a. 1r. 39p., and 15a. 3r. 8p. comprised in expired Leases No. 882 Book 2005, No. 71 Book 1910 and No. 981 Book 1538.

6. Charles William Crosby of Miranda (Camp Paddock).

## SCHEDULE REFERRED TO—(*continued*).*

(TO BE SIGNED BY APPLICANT, IF UTILISED, IMMEDIATELY BELOW THE LAST DOCUMENT SCHEDULED.)

| No. | Date. | Nature of Instrument. | Parties. | Registration. Book. | Registration. No. | When and by whom Lodged. |
|---|---|---|---|---|---|---|
| 5 | | NOTIFICATION OF RESUMPTION under Act 44 Vic No. 16 published in Gazette No. 495 of 27th November 1883 resuming lands for the supply of water to the City of Sydney and its suburbs. Does not affect → (Pt. 4 per 46 See (12) in Schedule of Resumptions — P.Schap. 7/5/52 | | | | ✓ |
| 6 | | NOTIFICATION OF RESUMPTION under the Public Works Act, 1900 published in Gazette No. 740 of 29th January 1901 resuming lands for the supply of water to the City of Sydney and its Suburbs. | | | | |
| 7 | | THE METROPOLITAN WATER AND SEWERAGE ACT of 1880 (Act 43 Vic No. 32) Section 117. | | | | |
| 8 | | THE METROPOLITAN WATER AND SEWERAGE ACT AMENDMENT ACT of 1888 (Act 51 Vic No. 28) Section 8 subsection (c). | | | | |
| 9 | | THE METROPOLITAN WATER SEWERAGE AND DRAINAGE ACT 1924-1949. Section 117. | | | | |
| 10 | 17/8/1819 | CROWN GRANT of 35 acres to William Whiteman Register 7 Page 139 | | | | Herewith |
| 11 | 17/8/1819 | CROWN GRANT of 30 acres to William Anson Register 7 Page 142 | | | | Herewith |
| 12 | 14/6/1824 | TRANSFER William Anson to Samuel Terry | unregistered | | | Herewith |
| 13 | 8/5/1835 | CROWN GRANT of 100 acres to Joseph Morley Register 23 Page | 238 | | | Herewith |
| 14 | 1/9/1862 | CONVEYANCE W.W. Billyard to E.H. Weston | | 82 | 91 | Herewith |
| 15 | 1/9/1862 | CONVEYANCE W.W. Billyard to E.H. Weston | | 82 | 92 | Herewith |
| 16 | 1/9/1862 | CONVEYANCE W.W. Billyard to E.H. Weston | | 82 | 93 | Herewith |
| 17 | 22/9/1862 | CONVEYANCE H.H. Osborne & Ors. to Richard Furlong | | 92 | 394 | Herewith |
| 18 | 25/1/1864 | CONVEYANCE W.W. Billyard to E.H. Weston | | 88 | 506 | Herewith |
| 19 | 25/6/1866 | MORTGAGE Richard Furlong to W.H. Lumsdaine | | 147 | 606 | Herewith |
| 20 | 17/12/1880 | RECONVEYANCE W.H. Lumsdaine to Richard Furlong | | 211 | 726 | Endorsed on Mtge. Bk.147 No. 606. |
| 21 | 17/4/1880 | CONVEYANCE C.J. Manning & E.H. Weston to H.M. the Queen | | 201 | 597 | Herewith |
| 22 | 10/6/1880 | CONVEYANCE R.R. Terry to H.M. the Queen | | 206 | 140 | Herewith |
| 23 | 10/"/1880 | CONVEYANCE John Morgan to H.M. the Queen | | 204 | 803 | Herewith |
| 24 | 15/"/1880 | CONVEYANCE Michael O'Hara to H.M. the Queen | | 206 | 139 | Herewith |
| 25 | 11/1/1881 | CONVEYANCE Richard Furlong to the Minister | | 212 | 774 | Herewith |
| 26 | 7/2/1881 | CONVEYANCE Thomas Wilton to the Minister | | 214 | 829 | Herewith |
| 27 | 24/1/1889 | CONVEYANCE A.F. Smart to H.M. the Queen | | 406 | 326 | Herewith |
| 28 | 2/9/1949 | LEASE The M.W.S. & D. Board to Fashwin Pty. Limited Fashwin Pty. Limited (1st part) | | Unregd. | | Herewith |
| 29 | 21/3/1951 | ASSGT. OF LEASE/The M.W.S. & D. Board (2nd pt.) Prince Alfred Hospital (3rd part) | | Unregd. | | Herewith |
| 30 | 6/4/1949 | LEASE The M.W.S. & D. Board to T.J. Hicks & N.K. Hicks. | | Unregd. | | Herewith |
| 31 | 10/2/1932 | LEASE The M.W.S. & D. Board to The N.S.W. Associated Blue Metal Quarries Limited | | 424 | 1637 | Herewith |
| 32 | 20/10/1936 | EXTN. OF LEASE do do | | 496 | 1765 | Herewith |
| 33 | 12/2/1941 | SURRENDER of Lease & Extn. of Lease | The N.S.W. Associated Blue Metal Quarries Limited to The M.W.S. & D. Board. | 832 | 1932 | Herewith |
| 34 | 12/2/1941 | LEASE The M.W.S. & D. Board to The N.S.W. Associated Blue Metal Quarries Limited | | 851 | 1892 | Herewith |
| 35 | 7/12/1949 | LEASE The M.W.S. & D. Board to Charles William Crosby | | Unregd. | | Herewith |

Recd docs 10 Bks 17 Cs 5/5/52 CT 5081 226 Parcels + Plans

Recd am 10.36 17-7-52

* See indorsement overleaf.

© office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close
Req:R551198 /Doc:PA 037860 PA /Rev:23-Jun-2015 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:04 /Seq:6 of

Req:R551198 /Doc:PA 037860 PA /Rev:23-Jun-2015 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:04 /Seq:7 of 7
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

I certify that the within application is correct for the purposes of the Real Property Act, 1900†, and I hereby state that I have not received any notice of the revocation of the said Power of Attorney in exercise of which I make this Application----------

DATED at Sydney this Sixth day of December 1951.

WITNESS to Signature:

Justice of the Peace.

(Signature) [signature]

Attorney of The Metropolitan Water Sewerage and Drainage Board.

† Section 117 requires that this Certificate be signed by Applicant or his Solicitor and renders liable any person falsely or negligently certifying, to a penalty of £50; also, to damages recoverable by parties injured.
If by Solicitor, he should insert:—" And that I am the Solicitor of the within-named Applicant," and should add his own address to his signature. The signature should be that of the Solicitor himself, and not of his firm.

(RULE UP ALL BLANKS BEFORE SIGNING, EXCEPT SPACE IN SCHEDULE BELOW APPLICANT'S SIGNATURE.)

Received - plan 3307a. lr. 30p.
W.C. Hayward
14.12.51

## FEES.

PAYMENT OF THESE MUST ACCOMPANY THE APPLICATION.

| | £ | s. | d. |
|---|---|---|---|
| Certificate of Title ... ... ... ... ... | 1 | 5 | 0 |
| Office Copy of Plan (when a Plan is furnished) ... | 0 | 5 | 0 |
| Preparation of Plan (when a Plan is not furnished) | 0 | 7 | 6 |
| Advertisement ... ... ... ... ... | 1 | 10 | 0 |
| Lodgment fee ... ... ... ... ... | 1 | 0 | 0 |

☞ State to whom all correspondence relating to this Application should be sent, with address, as under, viz.:—

*Name* R. W. HOOKE

*Occupation* Solicitor for the Board,

*Post Town* 341 Pitt Street,
Sydney.

B3111 9.47 81 7257

T. H. Tennant, Government Printer.

Req:R551147 /Doc:CT 09390-209 CT /Rev:01-Feb-2013 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:01 /Seq:1 of 4
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

NEW SOUTH WALES

# CERTIFICATE OF TITLE

REAL PROPERTY ACT, 1900, as amended.

(For Grant and title reference prior to first edition see Deposited Plan)

CT09390-209

Vol. V.9390. F. 209.
1st Edition issued 11-3-1963

CANCELLED

I certify that the person described in the First Schedule is the registered proprietor of the undermentioned estate in the land within described subject nevertheless to such exceptions encumbrances and interests as are shown in the Second Schedule.

Witness

Registrar-General.

CANCELLED

## ESTATE AND LAND REFERRED TO

(For location and dimensions of land see plan filed in the Land Titles Office)

Estate in Fee Simple in Lot 1 Deposited Plan 217124, in the Municipalities of Blacktown, Fairfield and Holroyd, Parish of Prospect and County of Cumberland. Excepting thereout of the parts of Portion 76, Portion 94 and Portion 95 resumed by notification in Government Gazette of 29th January 1901 page 631 the mines and deposits specified in Section 134 of the Public Works Act 1900, and the mines and deposits specified in Section 141 Public Works Act 1912 as regards the parts of the land above described formerly comprised in Certificate of Title Volume 5081 Folio 206.

Registrar General.

## FIRST SCHEDULE (continued overleaf)

~~THE METROPOLITAN WATER SEWERAGE AND DRAINAGE BOARD.~~

Registrar General.

## SECOND SCHEDULE (continued overleaf)

1. Reservations and conditions, if any, contained in the Crown Grant(s) referred to in the said Deposited Plan as regards parts.

2. Lease dated 8th October 1952 registered Book 2235 No.708 The Metropolitan Water Sewerage and Drainage Board to Kenneth ~~Staples~~ Pty. Limited for 25 years from 1-11-1951 as regards part of the land above described together with a right of carriageway subject to certain conditions over a piece of land approximately 33 feet wide the approximate position of which is shown by brown colour on plan attached to the said lease, Assignment registered Book 2284 No.772 from Kenneth ~~Staples~~ Pty. Limited to ~~Staples~~ Blue Metal Pty. Limited.

Dep. Reg. Gen.

3. Lease dated 12th February 1941 registered Book 1892 No.831 from The Metropolitan Water Sewerage and Drainage Board to the N.S.W. Associated Blue Metal Quarries Limited for 25 years from 1st January 1940 of land therein described and being part of the land above described.

4. Lease dated 12th August 1957 registered Book 2435 No.188 from The Metropolitan Water Sewerage and Drainage Board to Victor McHug for a term of 5 years from 1st February 1955 as extended by deed registered Book 2536 No.409 for a further 5 years from 1st February 1960 of 303 acres as shown on plan annexed thereto together with and reserving rights of way and other rights.

Registrar General.

21083:706 (6)
21089:780 (139)
20949:601 (77)

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR-GENERAL ARE CANCELLED.

Folio 9390 209 (Page 1) Vol
PERSONS ARE CAUTIONED AGAINST ALTERING OR ADDING TO THIS CERTIFICATE OR ANY NOTIFICATION THEREON

Req:R551147 /Doc:CT 09390-209 CT /Rev:01-Feb-2013 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:01 /Seq:2 of 4
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

Vol. 9390 Fol. 209

## FIRST SCHEDULE (continued)

| REGISTERED PROPRIETOR | INSTRUMENT NATURE | INSTRUMENT NUMBER | INSTRUMENT DATE | ENTERED | Signature of Registrar-General |
|---|---|---|---|---|---|
| | | | | | |

This deed is cancelled as to part — DP 1210616 Registered 7-2-1985

New Certificates of Title ~~has~~ have been issued for lots in folio is cancelled as to whole/part upon creation of computer folios for lots 101 in the abovementioned plan.

Forfeited Plan No 519121 as to part

Lots 1 Vol. 10320 Fol. 205 respectively

EDITION ISSUED 31-5-66

REGISTRAR GENERAL

## SECOND SCHEDULE (continued)

| INSTRUMENT NATURE | INSTRUMENT NUMBER | INSTRUMENT DATE | PARTICULARS | ENTERED | Signature of Registrar-General | CANCELLATION | | |
|---|---|---|---|---|---|---|---|---|
| Caveat | J161242 | | by the Registrar General as to part | 11-3-68 | | | | |
| ~~Lease~~ | ~~J694415~~ | ~~6-5-1969~~ | ~~of Lots 1,2,3,4 & 5 Deposited Plan 220492 to Sydney Blue Metal Pty Limited~~ | ~~9-10-1969~~ | | | | |
| Lease | M545085 | 17-11-1971 | of part of the land comprised herein shown marked on D.P. No 235064 as "land proposed to be leased" to The Sydney & Suburban Blue Metal Quarries Pty. Limited | | | surrendered | M603682 | |
| Lease | M633868 | 25-6-1971 | of Lots 1, 2, 3, 4, 5 and 7 in D.P. 220492 comprised herein together with a right of carriageway over another part of the land within described | 8-8-1972 | | | | |
| Resumption | Q126168 | | part of the land within described being Lot 15 in D.P. 576485 as road | 8-8-1972 | | | | |
| | | | | 11-5-1977 | | | | |

The residue of land in this folio co... indefinable residue.

(Page 2 of 2 pages)

FORM No. 184

Reg:R551147 /Doc:CT 09390-209 CT /Rev:01-Feb-2013 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:01 /Seq:3 of 4
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

SECOND SCHEDULE (continued)

| REGISTERED PROPRIETOR | INSTRUMENT NATURE | INSTRUMENT NUMBER | INSTRUMENT DATE | ENTERED | Signature of Registrar General |
|---|---|---|---|---|---|
| The Commissioner for Main Roads as to Lot 18 in D.P. 244574 (Motorway) and the Metropolitan Water Sewerage and Drainage Board as to the residue | | | | | |
| | Resumption. | GJ75199 Subscribe | | 13-7-1977 | |
| Roads and Traffic Authority of New South Wales as to lots 21 and 22 in DP802752, lots 13 and 14 in DP801212 and The Water Board as to the residue by Transfer 2106080. Registered 23-10-1990 | | | | | |
| FOLIO CANCELLED AS TO PART 21,22/802752 AND: 13,14/801212 24.10.90 | | | | | |
| Roads and Traffic Authority of New South Wales of part being part of Lot 9 in DP801212 by Resumption E412082. Registered 4.6.1992. | | | | | 24 6 1992 |

Q190 (1 of 2 pgs)
Q175699 re lots 13 DP 244574
D.P.260704
D.P.633137
DP710610
DP641567
Acquisition Easement E412082RA
2106078
2106079
2106080
E412082RA
DP 825874 R
E856728 HIST

SECOND SCHEDULE (continued)

| INSTRUMENT NATURE | INSTRUMENT NUMBER | INSTRUMENT DATE | PARTICULARS | ENTERED | Signature of Registrar General | CANCELLATION |
|---|---|---|---|---|---|---|
| 2106078 Restrictive Covenant affecting the part of the land above described being lots 13 and 14 DP801212, lots 21 and 22 in DP802752. Registered 23-10-1990 | | | | | | |
| 2106079 Restriction on the use of land. Registered 23-10-1990 | | | | | | |
| 2106080 Transfer The part of the land within described being lots 21 and 22 in DP802752, lots 13 and 14 in DP801212 are required for freeway purposes. Registered 23-10-1990 | | | | | | |
| 2106080 Covenant affecting the part of the land above described being the residue of lot 1 in DP271124 Registered 23-10-1990 | | | | | | |
| | | | THIS FOLIO IS CANCELLED AS TO PART BEING LOT(S) Part 9 IN DEPOSITED PLAN 801212 SEE NEW FOLIO(S) 9/801212 | | | THIS FOLIO IS CANCELLED AS TO PART BEING LOT(S) 1 DEPOSITED PLAN 825874 SEE NEW FOLIO(S) 1/825874 |

Vol. 9320 Fol.

NOTE: ENTRIES RULED THROUGH NOT AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL ARE CANCELLED

Req:R551147 /Doc:CT 09390-209 CT /Rev:01-Feb-2013 /NSW LRS /Pgs:ALL /Prt:11-Jun-2024 15:01 /Seq:4 of 4
© Office of the Registrar-General /Src:InfoTrack /Ref:Honeman Close

Vol. 9390 Fol. 209

## FIRST SCHEDULE (continued)

| REGISTERED PROPRIETOR | INSTRUMENT NATURE | INSTRUMENT NUMBER | INSTRUMENT DATE | ENTERED | Signature of Registrar General |
|---|---|---|---|---|---|
| ~~THIS FOLIO IS CANCELLED - NOW DEALT~~ ~~IN DEPOSITED~~ ~~LOT(S)~~ 1 ~~PLAN~~ 825874 ~~SEE NEW FOLIO(S)~~ 1/825874 AS TO PART | | | ~~13-11-1992~~ | | |
| FOLIO CANCELLED NEW FOLIO IS 8/801212 | | | | | |
| NO FURTHER DEALINGS TO BE REGISTERED | | | | | |
| RESIDUE IS ROAD AND | | | | | |
| INDEFINABLE RESIDUE | | | | | |

## SECOND SCHEDULE (continued)

| INSTRUMENT NATURE | INSTRUMENT NUMBER | INSTRUMENT DATE | PARTICULARS | ENTERED | Signature of Registrar General | CANCELLATION | | |
|---|---|---|---|---|---|---|---|---|

(Page 4 of 4 pages)

NOTE: ENTRIES RULED THROUGH AND AUTHENTICATED BY THE SEAL OF THE REGISTRAR GENERAL CANCELLED

LAND REGISTRY SERVICES Historical Search

InfoTrack

NEW SOUTH WALES LAND REGISTRY SERVICES - HISTORICAL SEARCH

SEARCH DATE
11/6/2024 3:01PM

FOLIO: 1/1098102

First Title(s): OLD SYSTEM
Prior Title(s): 4/1066170

| Recorded | Number | Type of Instrument | C.T. Issue |
|---|---|---|---|
| 28/6/2006 | DP1098102 | DEPOSITED PLAN | FOLIO CREATED EDITION 1 |
| 7/11/2006 | AC724093 | DEPARTMENTAL DEALING | |
| 15/12/2009 | DP1122291 | DEPOSITED PLAN | EDITION 2 |

*** END OF SEARCH ***

Honeman Close PRINTED ON 11/6/2024

Copyright © Office of the Registrar-General 2024

Received: 11/06/2024 15:01:07

NEW SOUTH WALES LAND REGISTRY SERVICES - TITLE SEARCH

FOLIO: 1/1098102

| SEARCH DATE | TIME | EDITION NO | DATE |
|---|---|---|---|
| 11/6/2024 | 3:00 PM | 2 | 15/12/2009 |

LAND

LOT 1 IN DEPOSITED PLAN 1098102
AT PROSPECT
LOCAL GOVERNMENT AREA BLACKTOWN
PARISH OF PROSPECT COUNTY OF CUMBERLAND
TITLE DIAGRAM DP1098102

FIRST SCHEDULE

SYDNEY WATER CORPORATION

SECOND SCHEDULE (2 NOTIFICATIONS)

1 Z106080 COVENANT
2 DP1098102 RESTRICTION(S) ON THE USE OF LAND

NOTATIONS

UNREGISTERED DEALINGS: NIL

*** END OF SEARCH ***



* Any entries preceded by an asterisk do not appear on the current edition of the Certificate of Title. Warning: the information appearing under notations has not been formally recorded in the Register. InfoTrack an approved NSW Information Broker hereby certifies that the information contained in this document has been provided electronically by the Registrar General in accordance with Section 96B(2) of the Real Property Act 1900.

Copyright © Office of the Registrar-General 2024

Received: 11/06/2024 15:00:41

# Appendix H Borehole and Test Pit Logs

# TEST PIT JBTP01

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.70 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Silty CLAY, dark brown, heterogeneous, damp, medium plasticity, soft, with inclusions of roots, rootlets and grass | DP | JBTP01_0.00-0.10<br>JBTP01_0.00-0.60<br>JBTP01_0.30-0.40 | 10 L AQ conducted from 0-0.6 m bgs. No odour, staining or asbestos |
| | 0.4 | | | | | |
| | 0.6 | | Silty CLAY, orange, homogenous, damp, high plasticity, firm | DP | JBTP01_0.60-0.70 | No odour, staining or asbestos |
| | 0.8 | | Termination Depth at:0.70 m. | | | End of hole at 0.7 m bgs, program depth |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.
produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP02

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.00 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4 | | FILL - Topsoil - Silty CLAY, dark brown, heterogeneous, damp, medium plasticity, soft, with inclusions of roots and rootlets | DP | JBTP02_0.00-0.10<br>JBTP02_0.00-0.50 | 10 L AQ conducted from 0-0.5 m bgs. No odour, staining or asbestos |
| | 0.6<br>0.8<br>1 | | Natural - CLAY, orange, homogenous, damp, high plasticity, firm | DP | JBTP02_0.50-0.60 | No odour, staining or asbestos |
| | 1.2<br>1.4<br>1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.00 m. | | | End of hole at 1.0 m bgs, program depth |

# TEST PIT JBTP03

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 3.20 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Topsoil - Silty CLAY, dark brown, heterogeneous, damp, medium plasticity, soft, with inclusions of grass and roots | DP | JBTP03_0.00-0.20 | 10 L AQ conducted at 0-0.2 m bgs. No odour, staining or asbestos |
| | 0.4 | | Reworked Natural - Silty CLAY, red and brown mottle, heterogeneous, damp, medium plasticity, firm, with inclusions of gravels, roots, rootlets and grass | DP | JBTP03_0.20-0.30<br>JBTP03_0.20-1.2<br>JBTP03_0.50-0.60<br>JBTP03_1.10-1.20 | 10 L AQ conducted at 0.2-1.2 m bgs. No odour, staining or asbestos |
| | 1.2 | | Reworked Natural - Silty CLAY, grey and orange mottle, heterogeneous, dry, low plasticity, stiff, with inclusions of concrete, gravels, shale and cobbles | DR | JBTP03_1.20-1.80<br>JBTP03_1.50-1.60 | 10 L AQ conducted at 1.2-1.8 m bgs. No odour, staining or asbestos |
| | 1.8 | | FILL - Topsoil - Gravelly Clayey SILT, light brown/ orange, heterogeneous, dry, medium plasticity, soft, with inclusions of plastic, bricks and gravels | DR | JBTP03_1.80-2.40<br>JBTP03_1.90-2.00 | 10 L AQ conducted at 1.8-2.4 m bgs. No odour, staining or asbestos |
| | 2.4 | | FILL -Topsoil - Clayey SILT, dark brown, heterogeneous, dry, low plasticity, soft, with inclusions of riverstones, plastic, tiles and reworked clay clumps | DR | JBTP03_2.40-3.20<br>JBTP03_2.50-2.60<br>JBTP03_3.00-3.10 | 10 L AQ conducted at 2.4-3.2 m bgs. No odour, staining or absestos |
| | 3.2 | | Termination Depth at:3.20 m. | | | End of hole at 3.2 m bgs, maximum excavator reach |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP04

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 3.20 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | Reworked Natural - Silty CLAY, brown/ red, heterogeneous, damp, medium plasticity, soft, with inclusions of roots, rootlets, gravels and grass | DP | JBTP04_0.00-0.10<br>JBTP04_0.00-0.30 | 10 L AQ conducted at 0-0.3 m bgs. No odour staining or asbestos. |
| | 0.4<br>0.6<br>0.8 | | Reworked Natural - Silty CLAY, grey/ dark brown/ orange/ red mottle, heterogeneous, damp, medium plasticity, firm, with inclusions of tile, gravels and roots | DP | JBTP04_0.30-0.1.0<br>JBTP04_0.50-0.60 | 10 L AQ conducted at 0.3-1.0 m bgs. No odour staining or asbestos |
| | 1<br>1.2<br>1.4 | | Reworked Natural - Silty Sandy CLAY, yellow/ grey mottle, heterogeneous, damp, medium plasticity, firm, with inclusions of gravels and shale | DP | JBTP04_1.00-1.10<br>JBTP04_1.00-1.50 | 10 L AQ conducted at 1.0-1.5 m bgs. No odour staining or asbestos |
| | 1.6<br>1.8<br>2<br>2.2<br>2.4 | | Reworked Natural - Clayey SILT, dark brown/ grey, heterogeneous, damp, with inclusions of grey/ red mottled clay and sandstone cobbles | DP | JBTP04_1.50-2.40<br>JBTP04_1.50-1.60<br>JBTP04_2.00-2.10 | 10 L AQ conducted at 1.5-2.4 m bgs. No odour staining or asbestos |
| | 2.6<br>2.8<br>3<br>3.2 | | Silty CLAY, dark grey/ brown, homogenous, damp, medium plasticity, soft | DP | JBTP04_2.40-3.20<br>JBTP04_2.50-2.60<br>JBTP04_3.00-3.10 | 10 L AQ conducted at 2.40-3.20 m bgs. No odour staining or asbestos. |
| | 3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:3.20 m. | | | End of hole at 3.2 m bgs, maximum excavator reach |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP05

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 3.00 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2, 0.4, 0.6, 0.8, 1 | | FILL - Silty CLAY, grey/ brown, heterogeneous, damp, low plasticity with inclusions of roots, rootlets and gravels | DP | JBTP05_0.00-0.10<br>JBTP05_0.00-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | 1.2, 1.4, 1.6, 1.8, 2, 2.2, 2.4 | | FILL - Gravelly Sandy CLAY, brown, heterogeneous, saturated, with inclusions of anthropogenic material such as tiles, glass, bricks, metal, gravels, sandstone cobbles, asphalt and concrete | S | JBTP05_1.00-1.10<br>JBTP05_1.00-2.00<br>JBTP05_2.00-2.50<br>JBTP05_2.00-2.10<br>JBTP05_2.40-2.50 | 10 L AQ conducted at 1.0-2.0 m bgs. No odour, staining or asbestos<br>10 L AQ conducted 2.0-2.5 m bgs. No odour, staining or asbestos |
| | 2.6, 2.8, 3 | | CLAY, red/ grey, homogenous, saturated | S | JBTP05_2.90-3.00 | 10 L AQ conducted at 2-2.5 m bgs. No odour, staining or asbestos |
| | 3.2, 3.4, 3.6, 3.8, 4, 4.2, 4.4, 4.6, 4.8 | | Termination Depth at:3.00 m. | | | End of hole at 3 m bgs, program depth |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP06

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 3.20 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2, 0.4, 0.6, 0.8, 1 | | FILL - Silty CLAY, dark brown, heterogeneous, damp, medium plasticity, soft, with inclusions of roots, rootlets and gravels | DP | JBTP06_0.00-0.10<br>JBTP06_0.00-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | 1.2, 1.4, 1.6, 1.8, 2 | | FILL - Gravelly CLAY, dark grey/ brown, heterogeneous, saturated, medium plasticity, soft, with inclusions of brick, concrete, wood, riverstones and gravels | S | JBTP06_1.00-2.00<br>JBTP06_1.00-1.10 | 10 L AQ conducted at 1.0-2.0 m bgs. No odour, staining or asbestos |
| | 2.2, 2.4 | | Reworked Natural - CLAY, orange, heterogeneous, saturated, medium plasticity, soft | S | JBTP06_2.00-2.40<br>JBTP06_2.00-2.10 | 10 L AQ conducted at 2.0-2.4 m bgs. No odour, staining or asbestos |
| | 2.6, 2.8, 3, 3.2 | | Gravelly CLAY, dark grey, heterogeneous, saturated, medium plasticity, soft, with inclusions of natural clay inclusions | S | JBTP06_2.40-3.20<br>JBTP06_3.00-3.10 | 10 L AQ conducted at 2.4-3.2 m bgs. No odour, staining or asbestos |
| | 3.4, 3.6, 3.8, 4, 4.2, 4.4, 4.6, 4.8 | | Termination Depth at:3.20 m. | | | End of hole at 3.2 m bgs, maximum excavator reach |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP07

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.50 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4 | | Sandy CLAY, reddish brown mottle, homogenous, damp, medium plasticity, firm, with inclusions of roots and rootlets | DP | JBTP07_0.00-0.10<br>JBTP07_0.00-0.50<br>JBTP07_0.40-0.50 | 10 L AQ conducted at 0-0.5 m bgs. No odour, staining or asbestos |
| | 0.6<br>0.8<br>1<br>1.2<br>1.4<br>1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:0.50 m. | | | End of hole at 0.5 m bgs, program depth |

# TEST PIT JBTP08

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 2.30 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1 | | FILL - Sandy Gravelly CLAY, grey/ brown, heterogeneous, wet, low plasticity, firm, with inclusions roots, rootlets and gravel | W | JBTP08_0.00-0.10<br>JBTP08_0.00-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | 1.2<br>1.4<br>1.6<br>1.8<br>2 | | FILL - Sandy CLAY, grey/ brown, heterogeneous, damp, low plasticity, firm, with inclusions of gravel, tiles, bricks and shale | DP | JBTP08_1.00-2.00<br>JBTP08_1.10-1.20 | 10 L AQ conducted at 1.0-2.0 m bgs. No odour, staining or asbestos |
| | 2.2 | | CLAY, red/ brown mottle, homogenous, damp, low plasticity, firm | DP | JBTP08_2.00-2.10 | No odour, staining or asbestos |
| | 2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:2.30 m. | | | End of hole at 2.3 m bgs, program depth |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP09

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 2.40 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2, 0.4, 0.6, 0.8, 1, 1.2, 1.4 | | Reworked Natural - Silty Gravelly CLAY, brown/ grey/ red, heterogeneous, moist, medium plasticity, firm, with inclusions of gravels, roots, rootlets, shale, scrap metal, cobbles, concrete boulder and asphalt | M | JBTP09_0.00-0.10<br>JBTP09_0.00-1.00 | 10 L AQ conducted at 0-1.0 m bgs. 1 ACM fragment found (5 g). No odour or staining |
| | | | | | JBTP09_1.00-1.50<br>JBTP09_1.00-1.10 | 10 L AQ conducted at 1.0-1.5 m bgs. No odour, staining or asbestos |
| | 1.6, 1.8 | | Reworked Natural - Silty Gravelly CLAY, brown/ dark grey, heterogeneous, wet, medium plasticity, firm | W | JBTP09_1.50-1.90<br>JBTP09_1.50-1.60 | 10 L AQ conducted at 1.5 -1.9 m bgs. No odour, staining or asbestos |
| | 2, 2.2, 2.4 | | Silty CLAY, orange, homogenous, dry, medium plasticity, very stiff | DR | JBTP09_2.00-2.10 | No odour, staining or asbestos |
| | 2.6, 2.8, 3, 3.2, 3.4, 3.6, 3.8, 4, 4.2, 4.4, 4.6, 4.8 | | Termination Depth at:2.40 m. | | | End of hole at 2.4 m bgs, program depth |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP10

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.00 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8 | | FILL - Sandy CLAY, grey/ brown, heterogeneous, damp, low plasticity, firm, with inclusions of gravels | DP | JBTP10_0.00-0.10<br>JBTP10_0.00-0.80<br>JBTP10_0.70-0.80 | 10 L AQ conducted at 0-0.8 m bgs. No odour, staining or asbestos |
| | 1 | | CLAY, reddish brown, homogenous, damp, medium plasticity, firm | DP | JBTP10_0.90-1.00 | No odour, staining or asbestos |
| | 1.2<br>1.4<br>1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.00 m. | | | End of hole at 1.0 m bgs, program depth |

# TEST PIT JBTP11

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.70 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL Topsoil- Silty CLAY, dark brown, heterogeneous, moist, low plasticity, soft, with inclusions of roots, rootlets and grass | M | JBTP11_0.00-0.10<br>JBTP11_0.00-0.20 | 10 L AQ conducted at 0-0.2 m bgs. No odour, staining or asbestos |
| | 0.4 | | Silty CLAY, red/ orange, homogenous, dry, medium plasticity, stiff | DR | JBTP11_0.30-0.40 | No odour, staining or asbestos |
| | 0.6 | | | | | |
| | 0.8 | | Termination Depth at:0.70 m. | | | End of hole at 0.7 m bgs, program depth |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.

produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP12

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.00 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1 | | FILL - Sandy CLAY heterogeneous, saturated, low plasticity, soft, with inclusions of scrap metal, asphalt, concrete and timber | S | JBTP12_0.00-0.10<br>JBTP12_0.00-1.00<br>JBTP12_0.90-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | 1.2<br>1.4<br>1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.00 m. | | | Refusal at 1.0 m bgs |

# TEST PIT JBTP13

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 2.20 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1<br>1.2<br>1.4<br>1.6<br>1.8<br>2<br>2.2 | | FILL - Silty Sandy CLAY, grey/ brown, heterogeneous, damp, low plasticity with inclusions of gravels, roots, rootlets, timber, asphalt and concrete | DP | JBTP13_0.00-0.10<br>JBTP13_0.00-1.00<br>JBTP13_1.00-2.00<br>JBTP13_1.00-1.10<br>JBTP13_2.00-2.10 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos<br>10 L AQ conducted at 1.0-2.0 m bgs. No odour, staining or asbestos |
| | 2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:2.20 m. | | | Refusal on concrete at 2.2 m bgs |

# TEST PIT JBTP14

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.50 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1<br>1.2<br>1.4 | | FILL - Topsoil- Sandy CLAY heterogeneous, damp, non-plastic, soft, with inclusions of asphalt, concrete (large pieces from 0.5 m), glass, bricks, clay clumps and gravel | DP | JBTP14_0.00-0.10<br>JBTP14_0.00-1.00<br>JBTP14_0.40-0.50<br>JBTP14_1.00-1.50<br>JBTP14_1.00-1.10<br>JBTP14_1.40-1.50 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos<br>10 L AQ conducted at 1.0-1.5 m bgs. No odour, staining or asbestos |
| | 1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.50 m. | | | Refusal on concrete at 1.5 m bgs |

# TEST PIT JBTP15

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.00 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1 | | FILL -Topsoil- Sandy CLAY, brown/ grey, heterogeneous, damp, non-plastic with inclusions of timber, gravel, clay clumps, asphalt and concrete slabs at 0.5 m and 1.0 m | DP | JBTP15_0.00-0.10<br>JBTP15_0.00-1.00<br>JBTP15_0.40-0.50<br>JBTP15_0.90-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | 1.2<br>1.4<br>1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.00 m. | | | Refusal on concrete at 1.0 m bgs |

**Disclaimer** This log is intended for environmental not geotechnical purposes.

produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP16

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.80 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1<br>1.2<br>1.4<br>1.6<br>1.8 | | FILL - Sandy CLAY, brown/ grey, heterogeneous, damp, non-plastic with inclusions of concrete slab, metal scraps, asphalt, glass, plastic and timber | DP | JBTP16_0.00-0.10<br>JBTP16_0.00-1.00<br>JBTP16_0.40-0.50<br>JBTP16_1.00-1.80<br>JBTP16_1.00-1.10<br>JBTP16_1.70-1.80 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos.<br>10 L AQ conducted at 1.0-1.8 m bgs. No odour, staining or asbestos. |
| | 2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.80 m. | | | Refusal on concrete at 1.8 m bgs |

# TEST PIT JBTP17

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 2.30 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1<br>1.2<br>1.4<br>1.6<br>1.8<br>2 | | FILL - Topsoil- Sandy CLAY, heterogeneous, damp, low plasticity with inclusions of ironstone, siltstone and asphalt boulders | DP | JBTP17_0.00-0.10<br>JBTP17_0.00-1.00<br>JBTP17_0.40-0.50<br>JBTP17_1.00-2.00<br>JBTP17_1.00-1.10<br>JBTP17_1.50-1.60 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos<br>10 L AQ conducted at 1.0-2.0 m bgs. No odour, staining or asbestos |
| | 2.2 | | CLAY, reddish brown, homogenous, dry, low plasticity, stiff | DR | | No odour, staining or asbestos |
| | 2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:2.30 m. | | | End of hole at 2.3 m bgs, program depth |

# TEST PIT JBTP18

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.30 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Silty CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP18_0.00-0.10 | 10 L AQ conducted at 0-0.1 m bgs. No odour, staining or asbestos |
| | | | CLAY, red/ brown, homogenous, dry, low plasticity, stiff, with inclusions of roots | DR | JBTP18_0.20-0.30 | No odour, staining or asbestos |
| | 0.4 | | Termination Depth at:0.30 m. | | | End of hole at 0.3 m bgs, program depth |
| | 0.6 | | | | | |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP19

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.50 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1<br>1.2<br>1.4 | | FILL - Sandy CLAY, grey/ brown, heterogeneous, damp, non-plastic with inclusions of asphalt, clay clumps, gravel and glass | DP | JBTP19_0.00-0.10<br>JBTP19_0.00-1.00<br>JBTP19_0.40-0.50<br>JBTP19_0.90-1.00<br>JBTP19_1.00-1.50<br>JBTP19_1.40-1.50 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos.<br>10 L AQ conducted at 1.0-1.5 m bgs. No odour, staining or asbestos |
| | 1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.50 m. | | | Refusal at 1.5 m bgs |

# TEST PIT JBTP20

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.50 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1<br>1.2<br>1.4 | | FILL - Sandy CLAY, grey/ brown, heterogeneous, damp, non-plastic with inclusions of asphalt, concrete, gravel, metal and glass | DP | JBTP20_0.00-0.10<br>JBTP20_0.00-1.00<br>JBTP20_0.40-0.50<br>JBTP20_1.00-1.50<br>JBTP20_1.00-1.10<br>JBTP20_1.40-1.50 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos.<br>10 L AQ conducted at 1.0-1.5 m bgs. No odour, staining or asbestos |
| | 1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.50 m. | | | Refusal on concrete at 1.5 m bgs |

**Disclaimer** This log is intended for environmental not geotechnical purposes.

produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP21

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.50 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Topsoil- Sandy CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP21_0.00-0.10<br>JBTP21_0.00-0.20 | 10 L AQ conducted at 0-0.2 m bgs. No odour, staining or asbestos |
| | 0.4 | | Sandy CLAY, red/ brown, homogenous, damp, medium plasticity, stiff, with inclusions of trace rootlets | DP | JBTP21_0.20-0.50<br>JBTP21_0.40-0.50 | 10 L AQ conducted at 0.2-0.5 m bgs. No odour, staining or asbestos.<br>m bgs (asbestos) and 0.4-0.5 m bgs (PFAS + jar) |
| | 0.6 | | Termination Depth at:0.50 m. | | | End of hole at 0.5 m bgs, program depth |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP22

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.50 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1 | | FILL - Gravelly Silty CLAY, brown, heterogeneous, dry, non-plastic, stiff, with inclusions of gravels | DR | JBTP22_0.00-0.10<br>JBTP22_0.00-1.00<br>JBTP22_0.40-0.50<br>JBTP22_0.90-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | 1.2<br>1.4 | | CLAY, reddish brown, homogenous, dry, low plasticity, stiff | DR | JBTP22_1.00-1.50<br>JBTP22_1.40-1.50 | 10 L AQ conducted at 1.0-1.5 m bgs. No odour, staining or asbestos |
| | 1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.50 m. | | | End of hole at 1.5 m bgs, program depth |

# TEST PIT JBTP23

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.30 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Silty CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP23_0.00-0.30 | 10 L AQ conducted at 0-0.3 m bgs. No odour, staining or asbestos |
| | | | | DR | JBTP23_0.10-0.20 | |
| | | | CLAY, red/ brown, homogenous, dry, low plasticity, stiff, with inclusions of roots | | | No odour, staining or asbestos |
| | 0.4 | | Termination Depth at:0.30 m. | | | End of hole at 0.3 m bgs, program depth |
| | 0.6 | | | | | |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP24

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.50 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Topsoil- Sandy CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP24_0.00-0.10<br>JBTP24_0.00-0.20 | 10 L AQ conducted at 0-0.2 m bgs. No odour, staining or asbestos |
| | 0.4 | | Sandy CLAY, red/ brown, homogenous, damp, medium plasticity, stiff, with inclusions of trace rootlets | DP | JBTP24_0.40-0.50 | No odour, staining or asbestos |
| | 0.6 | | Termination Depth at:0.50 m. | | | End of hole at 0.5 m bgs, program depth |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.

produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP25

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 2.30 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1<br>1.2<br>1.4<br>1.6<br>1.8 | | Gravelly Silty CLAY, brown, heterogeneous, damp, medium plasticity, firm, with inclusions of shale cobbles, gravels, wood, roots, PVC/ plastic, asphalt, concrete and riverstones | DP | JBTP25_0.00-0.10<br>JBTP25_0.00-1.00<br>JBTP25_1.00-1.80<br>JBTP25_1.00-1.10 | 10 L AQ conducted at 0-1.0 m bgs. 1 ACM fragment found (34 g). No odour or staining<br>10 L AQ conducted at 1.0-1.8 m bgs. 1 ACM fragment found (4 g). No odour or staining |
| | 2<br>2.2 | | Silty CLAY, red, homogenous, damp, medium plasticity, firm | DP | JBTP25_2.00-2.10 | No odour, staining or asbestos |
| | 2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:2.30 m. | | | End of hole at 2.3 m bgs, program depth |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP26

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.30 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Silty CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP26_0.00-0.30 | 10 L AQ conducted at 0-0.3 m bgs. No odour, staining or asbestos |
| | | | | DR | JBTP26_0.10-0.20 | |
| | | | CLAY, red/ brown, homogenous, dry, low plasticity, stiff, with inclusions of roots | | | No odour, staining or asbestos |
| | 0.4 | | Termination Depth at:0.30 m. | | | End of hole at 0.3 m bgs, program depth |
| | 0.6 | | | | | |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP27

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.80 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Gravelly Sandy CLAY, red/ brown/ grey, heterogeneous, dry, non-plastic, stiff | DR | JBTP27_0.00-0.10<br>JBTP27_0.00-0.20 | 10 L AQ conducted at 0-0.2 m bgs. No odour, staining or asbestos |
| | 0.4 | | FILL - CLAY, red/ brown/ grey, heterogeneous, damp, non-plastic, stiff | DP | JBTP27_0.20-0.50<br>JBTP27_0.40-0.50 | 10 L AQ conducted at 0.2-0.5 m bgs. No odour, staining or asbestos |
| | 0.6 | | FILL - Gravelly Sandy CLAY, red/ brown/ grey, heterogeneous, dry, non-plastic, stiff | DR | JBTP27_0.50-1.50 | 10 L AQ conducted at 0.5-1.5 m bgs. No odour, staining or asbestos |
| | 0.8 | | | | | |
| | 1 | | | | JBTP27_1.00-1.10 | |
| | 1.2 | | | | | |
| | 1.4 | | | | JBTP27_1.40-1.50 | |
| | 1.6 | | CLAY, red/ brown , homogenous, dry, low plasticity, stiff, with inclusions of roots | DR | JBTP27_1.50-1.80<br>JBTP27_1.70-1.80 | 10 L AQ conducted at 1.5-1.8 m bgs. No odour, staining or asbestos |
| | 1.8 | | Termination Depth at:1.80 m. | | | End of hole at 1.8 m bgs, program depth |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP28

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.20 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Sandy CLAY, brown/ tan, heterogeneous, damp, high plasticity, stiff, with inclusions of terracotta, sandstone, glass and apshalt | DP | JBTP28_0.00-0.10<br>JBTP28_0.00-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | 0.4<br>0.6<br>0.8 | | FILL - Sandy CLAY, dark brown/ red/ white, heterogeneous, damp, high plasticity, stiff, with inclusions of sticks and roots | DP | JBTP28_0.40-0.50 | No odour, staining or asbestos |
| | 1 | | FILL - Sandy CLAY, light brown/ brown, heterogeneous, damp, high plasticity, stiff | DP | JBTP28_0.90-1.00 | No odour, staining or asbestos |
| | 1.2 | | CLAY, red/ brown, homogenous, damp, low plasticity, stiff, with inclusions of roots | DP | JBTP28_1.10-1.20 | No odour, staining or asbestos |
| | 1.4<br>1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.20 m. | | | End of hole at 1.2 m bgs, program depth |

# TEST PIT JBTP29

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.00 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8 | | FILL - Sandy CLAY, grey/ brown, heterogeneous, moist, low plasticity, soft, with inclusions of metal scrap, timer and plastic | M | JBTP29_0.00-0.10<br>JBTP29_0.00-0.80<br>JBTP29_0.70-0.80 | 10 L AQ conducted at 0-0.8 m bgs. No odour, staining or asbestos |
| | 1 | | CLAY, red/ brown, homogenous, saturated, low plasticity, stiff, with inclusions of roots | S | JBTP29_0.80-1.00<br>JBTP29_0.90-1.00 | 10 L AQ conducted at 0.8-1.0 m bgs. No odour, staining or asbestos |
| | 1.2<br>1.4<br>1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.00 m. | | | End of hole at 1 m bgs, program depth |

# TEST PIT JBTP30

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.30 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Silty CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP30_0.00-0.30 | 10 L AQ conducted at 0-0.3 m bgs. No odour, staining or asbestos |
| | | | CLAY, red/ brown, homogenous, dry, low plasticity, stiff, with inclusions of roots | DR | JBTP30_0.10-0.20 | No odour, staining or asbestos |
| | 0.4 | | Termination Depth at:0.30 m. | | | End of hole at 0.3 m bgs, program depth |
| | 0.6 | | | | | |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP31

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.60 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Topsoil- Silty CLAY, brown, heterogeneous, damp, non-plastic, stiff, with inclusions of rootlets | DP | JBTP31_0.00-0.10<br>JBTP31_0.00-0.30 | 10 L AQ conducted at 0-0.3 m bgs. No odour, staining or asbestos |
| | 0.4 | | Silty CLAY, dark grey/ brown, heterogeneous, damp, non-plastic, stiff, with inclusions of rootlets | DP | JBTP31_0.30-0.50<br>JBTP31_0.30-0.40 | 10 L AQ conducted at 0.3-0.5 m bgs. No odour, staining or asbestos |
| | 0.6 | | CLAY, reddish brown, homogenous, damp, non-plastic, stiff | DP | JBTP31_0.50-0.60 | No odour, staining or asbestos |
| | 0.8 | | Termination Depth at:0.60 m. | | | End of hole at 0.6 m bgs, program depth |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP32

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.30 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Silty CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP32_0.00-0.30 | 10 L AQ conducted at 0-0.3 m bgs. No odour, staining or asbestos |
| | | | | DR | JBTP32_0.10-0.20 | |
| | | | CLAY, red/ brown, homogenous, dry, low plasticity, stiff, with inclusions of roots | | | No odour, staining or asbestos |
| | 0.4 | | Termination Depth at:0.30 m. | | | End of hole at 0.3 m bgs, program depth |
| | 0.6 | | | | | |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP33

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 3.20 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2, 0.4, 0.6, 0.8, 1, 1.2, 1.4, 1.6, 1.8, 2 | | FILL - Silty CLAY, grey/ brown, heterogeneous, damp, with inclusions of roots, rootlets, plastic, asphalt and glass | DP | JBTP33_0.00-0.10<br>JBTP33_0.00-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | | | | | JBTP33_1.00-2.00<br>JBTP33_1.00-1.10 | 10 L AQ conducted at 1.0-2.0 m bgs. No odour, staining or asbestos. |
| | 2.2, 2.4, 2.6, 2.8, 3, 3.2 | | FILL - Sandy CLAY, heterogeneous, saturated, with inclusions of bricks, plastic, metal, pipes, tiles, concrete, gravel and glass | S | JBTP33_2.00-3.00<br>JBTP33_2.00-2.10 | 10 L AQ conducted at 2.0-3.0 m bgs. No odour, staining or asbestos |
| | | | | | JBTP33_3.00-3.10<br>JBTP33_3.00-3.20 | 10 L AQ conducted at 3.0-3.2 m bgs. No odour, staining or asbestos |
| | 3.4, 3.6, 3.8, 4, 4.2, 4.4, 4.6, 4.8 | | Termination Depth at:3.20 m. | | | End of hole at 3.2 m bgs, maximum excavator reach |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP34

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.30 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Silty CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP34_0.00-0.30 | 10 L AQ conducted at 0-0.3 m bgs. No odour, staining or asbestos |
| | | | | DR | JBTP34_0.0-0.1 | |
| | | | CLAY, red/ brown, homogenous, dry, low plasticity, stiff, with inclusions of roots | | | No odour, staining or asbestos |
| | 0.4 | | Termination Depth at:0.30 m. | | | End of hole at 0.3 m bgs, program depth |
| | 0.6 | | | | | |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# TEST PIT JBTP35

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 1.50 m bgl |
| **DRILLING DATE** 12 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2<br>0.4<br>0.6<br>0.8<br>1 | | FILL - Sandy CLAY, brown/ grey, heterogeneous, damp, low plasticity, soft, with inclusions of glass, tiles, roots and rootlets | DP | JBTP35_0.00-0.10<br>JBTP35_0.00-1.00 | 10 L AQ conducted at 0-1.0 m bgs. No odour, staining or asbestos |
| | 1.2<br>1.4 | | FILL - Sandy CLAY, brown/ grey, heterogeneous, damp, low plasticity, soft, with inclusions of glass, tiles, asbestos, gravels, bricks, metal, roots and rootlets | S | JBTP35_1.00-1.10<br>JBTP35_1.00-1.50 | 10 L AQ conducted at 1.0-1.5 m bgs. Several ACM fragments found (72 g). No odour, staining or asbestos |
| | 1.6<br>1.8<br>2<br>2.2<br>2.4<br>2.6<br>2.8<br>3<br>3.2<br>3.4<br>3.6<br>3.8<br>4<br>4.2<br>4.4<br>4.6<br>4.8 | | Termination Depth at:1.50 m. | | | Refusal at 1.5 m bgs |

# TEST PIT JBTP36

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** Ken Coles | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **PLANT TYPE** Excavator | **NORTHING** |
| **CLIENT** Goodman | **METHOD** Test Pit | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TP LENGTH (m)** m | **TOTAL DEPTH** 0.30 m bgl |
| **DRILLING DATE** 13 Jun 2024 | **TP WIDTH (m)** m | **LOGGED BY** EA |

**COMMENTS**

| Drilling Method | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|
| Test Pit | 0.2 | | FILL - Silty CLAY, brown, heterogeneous, damp, medium plasticity, firm | DP | JBTP36_0.00-0.30 | 10 L AQ conducted at 0-0.3 m bgs. No odour, staining or asbestos |
| | | | CLAY, red/ brown, homogenous, dry, low plasticity, stiff, with inclusions of roots | DR | JBTP36_0.10-0.20 | No odour, staining or asbestos |
| | 0.4 | | Termination Depth at:0.30 m. | | | End of hole at 0.3 m bgs, program depth |
| | 0.6 | | | | | |
| | 0.8 | | | | | |
| | 1 | | | | | |
| | 1.2 | | | | | |
| | 1.4 | | | | | |
| | 1.6 | | | | | |
| | 1.8 | | | | | |
| | 2 | | | | | |
| | 2.2 | | | | | |
| | 2.4 | | | | | |
| | 2.6 | | | | | |
| | 2.8 | | | | | |
| | 3 | | | | | |
| | 3.2 | | | | | |
| | 3.4 | | | | | |
| | 3.6 | | | | | |
| | 3.8 | | | | | |
| | 4 | | | | | |
| | 4.2 | | | | | |
| | 4.4 | | | | | |
| | 4.6 | | | | | |
| | 4.8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 24 Jun 2024

# GROUNDWATER WELL JBMW01

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** JK Drilling | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **DRILL RIG** GeoProbe | **NORTHING** |
| **CLIENT** Goodman | **DRILLING METHOD** Solid Flight Auger | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TOTAL DEPTH** 8.07 m bgl | **ELEVATION** m AHD |
| **DRILLING DATE** 13 Jun 2024 | **DIAMETER** 50 mm | **LOGGED BY** AR / MS |
| **PERMIT NO.** | | **CHECKED BY** |

**COMPLETION** | **CASING** | **SCREEN INTERVAL** 4.12 - 8.02 m bgl

**COMMENTS**

| Drilling Method | Well Details | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|---|
| SFA | | 0 | | FILL - Silty CLAY, grey/brown, heterogeneous, damp, high plasticity, stiff, with inclusions of angular gravels | DP | JBMW01_0.00-0.10 | No odour, staining or asbestos |
| | | | | FILL - Silty CLAY, brown/ orange/ red, heterogeneous, dry, high plasticity, very stiff | DR | | No odour, staining or asbestos |
| | | 0.5 | | Silty CLAY, orange and red mottling, heterogeneous, dry, high plasticity, very stiff | DR | JBMW01_0.50-0.60 | No odour, staining or asbestos |
| | | 1 | | Silty CLAY, orange and red mottling, heterogeneous, dry, high plasticity, soft | DR | | No odour, staining or asbestos |
| | | 1.5 | | BEDROCK - Fines- BEDROCK, tannish grey, heterogeneous, dry, with inclusions of rock (10-15 mm) | DR | | No odour, staining or asbestos |
| | | 2 | | | | | |
| | | 2.5 | | | | | |
| | | 3 | | | | | |
| | | 3.5 | | | | JBMW01_3.50-3.60 | |
| AH | | 4 | | BEDROCK - Fines- BEDROCK, white/ grey, heterogeneous, damp, | DP | | No odour, staining or asbestos |
| | | | | BEDROCK - Fines- BEDROCK, white/ grey, heterogeneous, damp, with inclusions of black siltstone and shale | DP | | No odour, staining or asbestos |
| | | 4.5 | | BEDROCK - Fines- BEDROCK, white/ grey with orange mottling, heterogeneous, damp, high plasticity, very soft, with inclusions of black siltstone and shale | DP | | No odour, staining or asbestos |
| | | 5 | | | | | |
| | | 5.5 | | BEDROCK - Fines- BEDROCK, white/ grey with orange mottling, heterogeneous, damp, high plasticity, stiff, with inclusions of black siltstone and shale | DP | | No odour, staining or asbestos |
| | | 6 | | CLAY, dark grey with orange mottling, heterogeneous, damp, medium plasticity, very stiff, with inclusions of trace gravels and shale | DP | | No odour, staining or asbestos |
| | | 6.5 | | | | | |
| | | 7 | | BEDROCK - Fines- BEDROCK, white/ grey with orange mottling, heterogeneous, wet, high plasticity, very soft, with inclusions of black siltstone and shale | W | | No odour, staining or asbestos |
| | | 7.5 | | | | | |
| | | 8 | | | | | |
| | | 8.5 | | Termination Depth at:8.07 m. | | | End of hole at 8.07 m bgs, program depth |

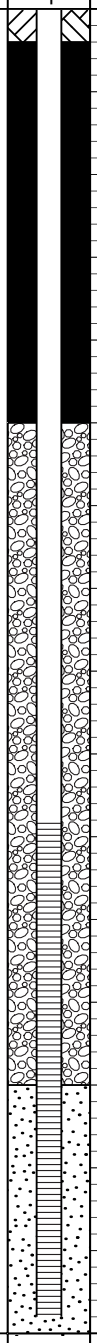
**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 20 Jun 2024

# GROUNDWATER WELL JBMW02

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** JK Drilling | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **DRILL RIG** GeoProbe | **NORTHING** |
| **CLIENT** Goodman | **DRILLING METHOD** Solid Flight Auger | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TOTAL DEPTH** 8.00 m bgl | **ELEVATION** m AHD |
| **DRILLING DATE** 12 Jun 2024 | **DIAMETER** 50 mm | **LOGGED BY** AR / MS |
| **PERMIT NO.** | | **CHECKED BY** |
| **COMPLETION** | **CASING** | **SCREEN INTERVAL** 4.9 - 7.9 m bgl |
| **COMMENTS** | | |

| Drilling Method | Well Details | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|---|
| SFA |  | 0.5 | | FILL - Silty CLAY, brown, heterogeneous, dry, medium plasticity, soft | DR | | No odour, staining or asbestos |
| | | | | | DP | JBMW02_0.40-0.50 | |
| | | | | FILL - Gravelly CLAY, brown, heterogeneous, damp, medium plasticity, stiff, with gravels (10- 25 mm) | W | | No odour, staining or asbestos |
| | | 1 | | FILL - Clayey and Sandy GRAVEL, brown, heterogeneous, wet, medium sand with gravels (10-20 mm) | | JBMW02_0.90-1.00 | No odour, staining or asbestos |
| | | | | FILL - Silty CLAY, brown, heterogeneous, wet, medium plasticity, stiff, with inclusions of gravels and medium-coarse sand | W | | No odour, staining or asbestos |
| | | 1.5 | | | | JBMW02_1.40-1.50 | |
| | | | | FILL - Silty CLAY, brown, heterogeneous, wet, high plasticity, very stiff, with inclusions of trace gravels | W | | No odour, staining or asbestos |
| | | 2 | | | | JBMW02_1.90-2.00 | |
| | | | | Silty CLAY, brown, homogenous, damp | DP | JBMW02_2.00-2.10 | No odour, staining or asbestos |
| | | | | CLAY, grey, homogenous, damp, high plasticity, very stiff | DP | JBMW02_2.10-2.20 | Iron staining observed. No odour or asbestos |
| | | 2.5 | | | | | |
| | | | | CLAY, grey, homogenous, dry, high plasticity, very stiff, with inclusions of weathered shale and siltstone | DR | | No odour, staining or asbestos |
| | | 3 | | Clayey SILT, brown , homogenous, damp, with inclusions of trace stone (< 10 mm) | DP | | No odour, staining or asbestos |
| | | 3.5 | | | | | |
| | | 4 | | Silty CLAY, grey/ brown, homogenous, damp, stiff | DP | JBMW02_4.00-4.10 | No odour, staining or asbestos |
| | | 4.5 | | Silty CLAY, brown, homogenous, damp, medium plasticity, soft | DP | | No odour, staining or asbestos |
| | | 5 | | | | | |
| | | 5.5 | | | | | |
| | | 6 | | Silty CLAY, grey, homogenous, dry, soft, with inclusions of shale and siltstone (< 10 mm) | DR | | No odour, staining or asbestos |
| | | 6.5 | | Silty CLAY, grey, homogenous, wet, soft, with inclusions of shale and siltstone (< 10 mm) | W | | No odour, staining or asbestos |
| | | 7 | | | | | |
| | | 7.5 | | | | | |
| | | 8 | | Termination Depth at:8.00 m. | | | End of hole at 8.0 m bgs, program depth |
| | | 8.5 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



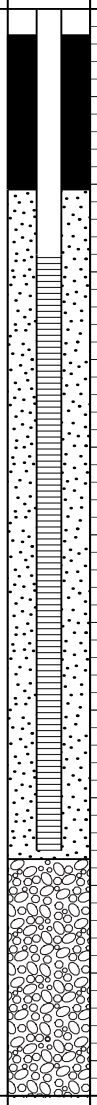
produced by ESlog.ESdat.net on 20 Jun 2024

# GROUNDWATER WELL JBMW03

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** JK Drilling | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **DRILL RIG** GeoProbe | **NORTHING** |
| **CLIENT** Goodman | **DRILLING METHOD** Solid Flight Auger | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TOTAL DEPTH** 6.20 m bgl | **ELEVATION** m AHD |
| **DRILLING DATE** 13 Jun 2024 | **DIAMETER** 50 mm | **LOGGED BY** AR / MS |
| **PERMIT NO.** | | **CHECKED BY** |

**COMPLETION** | **CASING** | **SCREEN INTERVAL** 1.4 - 4.8 m bgl

**COMMENTS**

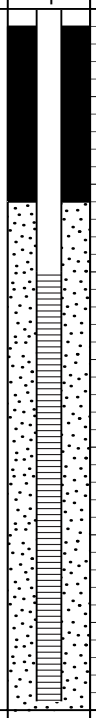
| Drilling Method | Well Details | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|---|
| SFA |  | 0.5<br>1<br>1.5<br>2<br>2.5<br>3<br>3.5<br>4<br>4.5<br>5<br>5.5<br>6 | | Silty CLAY, dark brown, heterogeneous, damp, very soft, with inclusions of rootlets | DP | JBMW03_0.00-0.10 | No odour, staining or asbestos |
| | | | | CLAY, reddish brown with red and orange mottling, heterogeneous, damp, medium plasticity, very stiff, with inclusions of trace gravels (<10 mm) | DP | JBMW03_0.50-0.60<br>JBMW03_1.00-1.10<br>JBMW03_2.00-2.10 | No odour, staining or asbestos |
| | | | | CLAY, reddish brown with red and orange mottling, heterogeneous, damp, medium plasticity, very stiff, with inclusions of angular rock/siltstone (10 mm) | DP | | No odour, staining or asbestos |
| | | | | CLAY, grey with red and orange mottling dry, with inclusions of trace fine gravels (<10 mm) | DR | JBMW03_3.10-3.20 | No odour, staining or asbestos |
| | | | | BEDROCK (Powdery fines)- BEDROCK, greyish tan, dry, with inclusions of fine gravels and consolidated shales/ siltstone | DR | JBMW03_4.20-4.30 | No odour, staining or asbestos |
| | | | | BEDROCK (Powdery fines) - BEDROCK, grey, dry, with inclusions of fine gravels and consolidated shales/ siltstone | DR | | No odour, staining or asbestos |
| | | 6.5<br>7<br>7.5<br>8 | | Termination Depth at:6.20 m. | | | Refusal at 6.2 m bgs |

# GROUNDWATER WELL JBMW04

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** JK Drilling | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **DRILL RIG** GeoProbe | **NORTHING** |
| **CLIENT** Goodman | **DRILLING METHOD** Solid Flight Auger | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TOTAL DEPTH** 4.00 m bgl | **ELEVATION** m AHD |
| **DRILLING DATE** 12 Jun 2024 | **DIAMETER** 50 mm | **LOGGED BY** AR / MS |
| **PERMIT NO.** | | **CHECKED BY** |

**COMPLETION** | **CASING** | **SCREEN INTERVAL** 1.5 - 3.95 m bgl

**COMMENTS**

| Drilling Method | Well Details | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|---|
| SFA |  | 0.5 | | Silty CLAY, dark brown, homogenous, damp, medium plasticity, very soft | DP | JBMW04_0.00-0.10 | No odour, staining or asbestos |
| | | | | | | JBMW04_0.50-0.60 | |
| | | 1 | | CLAY, reddish brown with black and orange mottling, homogenous, damp, medium plasticity, very stiff, with inclusions of trace fine gravels (< 10 mm) | DP | | No odour, staining or asbestos |
| | | 1.5 | | Clayey SILT, tannish brown, homogenous, dry, loose, with inclusions of trace stone cobbles (siltstone, angular) and fines | DR | JBMW04_1.00-1.10 | No odour, staining or asbestos |
| | | 2 | | BEDROCK (Powdery fines) - BEDROCK, grey, homogenous, dry, loose, with consolidated shale rock pieces (10-20 mm) | DR | | No odour, staining or asbestos |
| | | 2.5 | | | | | |
| | | 3 | | | | | |
| | | 3.5 | | | | | |
| | | 4 | | Termination Depth at:4.00 m. | | | End of hole at 4 m bgs, program depth |
| | | 4.5 | | | | | |
| | | 5 | | | | | |
| | | 5.5 | | | | | |
| | | 6 | | | | | |
| | | 6.5 | | | | | |
| | | 7 | | | | | |
| | | 7.5 | | | | | |
| | | 8 | | | | | |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 20 Jun 2024

# GROUNDWATER WELL JBMW05

| | | |
|---|---|---|
| **PROJECT NUMBER** 67299 | **DRILLING COMPANY** JK Drilling | **EASTING** |
| **PROJECT NAME** Honeman Close Huntingwood | **DRILL RIG** GeoProbe | **NORTHING** |
| **CLIENT** Goodman | **DRILLING METHOD** Solid Flight Auger | **COORD SYS** GDA2020_MGA_zone_56 |
| **ADDRESS** Honeman Close | **TOTAL DEPTH** 8.00 m bgl | **ELEVATION** m AHD |
| **DRILLING DATE** 12 Jun 2024 | **DIAMETER** 50 mm | **LOGGED BY** AR / MS |
| **PERMIT NO.** | | **CHECKED BY** |

**COMPLETION** | **CASING** | **SCREEN INTERVAL** 1.2 - 2.75 m bgl

**COMMENTS**

| Drilling Method | Well Details | Depth (m bgl) | Graphic Log | Lithological Description | Moisture | Samples | Additional Observations |
|---|---|---|---|---|---|---|---|
| SFA | | 0 | | Silty CLAY, brown, homogenous, dry, medium plasticity, stiff, with inclusions of roots | DR | JBMW05_0.00-0.10 | No odour, staining or asbestos |
| | | 0.5 | | CLAY, red/ brown with red and orange mottling, homogenous, dry, high plasticity, very stiff | DR | JBMW05_0.50-0.60 | No odour, staining or asbestos |
| | | 1 | | | | JBMW05_1.00-1.10 | |
| | | 1.5 | | | | | |
| | | 2 | | | | JBMW05_2.00-2.10 | |
| | | 2.5 | | Clayey SILT, greyish tan, dry, with inclusions of trace red/ black mottled crumbly siltstone gravels (10- 20 mm) | DR | | No odour, staining or asbestos |
| | | 3 | | Clayey SILT, greyish tan dry | DR | JBMW05_3.00-3.10 | No odour, staining or asbestos |
| | | 3.5 | | | | | |
| | | 4 | | | | | |
| | | 4.5 | | | | | |
| | | 5 | | | | | |
| | | 5.5 | | | | | |
| | | 6 | | | | | |
| | | 6.5 | | | | | |
| | | 7 | | | | | |
| | | 7.5 | | | | | |
| | | 8 | | Termination Depth at:8.00 m. | | | End of hole at 8 m bgs, program depth |

**Disclaimer** This log is intended for environmental not geotechnical purposes.



produced by ESlog.ESdat.net on 20 Jun 2024

# Appendix I Calibration/Decontamination Records

# Field Equipment Calibration and Decontamination

| | |
|---|---|
| PROJECT NAME: Huntingwood | PROJECT NO: 67299 |
| FIELDWORK DATES: 17/6/24 | SAMPLERS: EF + MS |
| TYPE OF INVESTIGATION: GME | PROJECT MANAGER: OS |

**CALIBRATION SUMMARY**

| |
|---|
| EQUIPMENT: NA . |
| CALIBRATION STANDARD: |

| DATE | TIME | READING (ppm) | COMMENTS |
|---|---|---|---|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

**DECONTAMINATION SUMMARY**

EQUIPMENT: IP, swing sampler.

| | | | | |
|---|---|---|---|---|
| 1 | Was the equipment decontaminated appropriately prior to sampling at each location? | (Y) | N | NA |
| 2 | Was excess soil removed by scraping, brushing or wiping with disposable towels? | Y | N | (NA) |
| 3 | Was the equipment contaminated with grease, tar or similar material? | Y | (N) | NA |
| | If so, was the equipment steam cleaned or rinsed with pesticide-grade acetone:hexane? | Y | N | (NA) |
| 4 | Was phosphate-free detergent used to wash the equipment? | (Y) | N | NA |
| 5 | Was the equipment rinsed with clean water? | (Y) | N | NA |
| 6 | Was the equipment then rinsed with deionised water? | (Y) | N | NA |
| 7 | Were all sample containers cleaned and acid or solvent washed prior to sample collection? | Y | N | (NA) |

**WERE ANY ADDITIONAL DECONTAMINATION MEASURES REQUIRED? PROVIDE DETAILS**

New pair of nitrile gloves worn at each sample location.


© 2011-2019 JBS&G Australia Pty Ltd

# Calibration and Service Report

ABN: 74 619 717 350
Contact: 02 9730 2019
Email: rentals@experttesting.com.au
9/171 Power Street, Glendenning NSW 2761
Web: www.experttesting.com.au

| | | | | | |
|---|---|---|---|---|---|
| **Company:** | Expert Testing Services (Hire) Pty Ltd | **Manufacturer:** | Geotech | **Serial #:** | 7130 |
| **Address:** | 9/171 Power Street<br>GLENDENNING NSW 2761 | **Instrum./Model:** | GP2 | **Head S/N:** | |
| **Phone:** | 02 9730 2019 | **Client Company:** | JBS&G | **Client Email:** | rchapman@jbsg.com.au |
| **Email:** | rentals@experttesting.com.au | **Client Name:** | Ruby Chapman | **Client Phone:** | |

## Equipment Check

### Geopump Peristaltic Pump

| | | | |
|---|---|---|---|
| **Customer:** | JBS&G | **Manufacturer:** | Geotech |
| **Contact:** | Ruby Chapman | **Instrument:** | GP2 |
| **Order:** | | **Serial #:** | 7130 |
| | | **Head Serial #:** | |
| | | **Cable length:** | 4.5m |

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | 12 Voltage | ✓ | Voltage above 13 V |
| | Fuses | ✓ | |
| | Capacity | ✓ | |
| **Pump** | Decontaminated | ✓ | |
| | Condition | ✓ | |
| | Operation | ✓ | |
| | 0.5 m Silicon Tubing | ✓ | New Tubing |
| **Charger** | Condition | ✓ | |
| **Hard Case** | Condition | ✓ | |
| **Instrument Test** | Operation checked | ✓ | |
| **Instruction manual** | Included | ✓ | |

**Comments**

2 Batteries sent out with unit.

This is to certify that the above instrument has been checked and is in good working order.

**Checked By:** Milenko Sisic

**Check Date:** 08.01.2024 **Due for Check:** 08.07.2024

GCC ISO 9001 Certified
GCC ISO 14001 Certified
JAS-ANZ WWW.JAS-ANZ.ORG/REGISTER

# Calibration and Service Report

ABN: 74 619 717 350
Contact: 02 9730 2019
Email: rentals@experttesting.com.au
9/171 Power Street, Glendenning NSW 2761
Web: www.experttesting.com.au

| | | | | | |
|---|---|---|---|---|---|
| **Company:** | Expert Testing Services (Hire) Pty Ltd | **Manufacturer:** | Geotech | **Serial #:** | 7153 |
| **Address:** | 9/171 Power Street GLENDENNING NSW 2761 | **Instrum./Model:** | GP2 | **Head S/N:** | |
| **Phone:** | 02 9730 2019 | **Client Company:** | JBS&G | **Client Email:** | rchapman@jbsg.com.au |
| **Email:** | rentals@experttesting.com.au | **Client Name:** | Ruby Chapman | **Client Phone:** | |

## Equipment Check

### Geopump Peristaltic Pump

| | | | |
|---|---|---|---|
| **Customer:** | JBS&G | **Manufacturer:** | Geotech |
| **Contact:** | Ruby Chapman | **Instrument:** | GP2 |
| **Order:** | | **Serial #:** | 7153 |
| | | **Head Serial #:** | |
| | | **Cable length:** | 4.5m |

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | 12 Voltage | ✓ | Voltage above 13 V |
| | Fuses | ✓ | |
| | Capacity | ✓ | |
| **Pump** | Decontaminated | ✓ | |
| | Condition | ✓ | |
| | Operation | ✓ | |
| | 0.5 m Silicon Tubing | ✓ | New Tubing |
| **Charger** | Condition | ✓ | |
| **Hard Case** | Condition | ✓ | |
| **Instrument Test** | Operation checked | ✓ | |
| **Instruction manual** | Included | ✓ | |

**Comments**

2 Batteries sent out with unit.

This is to certify that the above instrument has been checked and is in good working order.

**Checked By:** Milenko Sisic

**Check Date:** 08.01.2024 **Due for Check:** 08.07.2024

GCC ISO 9001 Certified
GCC ISO 14001 Certified
JAS-ANZ WWW.JAS-ANZ.ORG/REGISTER

# Calibration and Service Report

ABN: 74 619 717 350
Contact: 02 9730 2019
Email: rentals@experttesting.com.au
9/171 Power Street, Glendenning NSW 2761
Web: www.experttesting.com.au

| | | | | | |
|---|---|---|---|---|---|
| **Company:** | Expert Testing Services (Hire) Pty Ltd | **Manufacturer:** | Solinst | **Serial #:** | 484487 |
| **Address:** | 9/171 Power Street<br>GLENDENNING NSW 2761 | **Instrum./Model:** | 122 Interface Probe | **Tape:**<br>**Email:** | 60m |
| **Phone:** | 02 9730 2019 | **Client Company:** | JBS&G | | |
| **Email:** | rentals@experttesting.com.au | **Client Name:** | Ruby Chapman | **Phone:** | |

## Equipment Check

### Oil/Water Interface Meter - Solinst 122 Interface Meter

| | | | |
|---|---|---|---|
| **Customer:** | JBS&G | **Manufacturer:** | Solinst |
| **Contact:** | Ruby Chapman | **Instrument:** | IP Model 122 |
| **Order:** | | **Serial #:** | 484487 |
| | | **Tape length:** | 60m |

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | Voltage | ✓ | Voltage above 7.9v |
| **Probe** | Decontaminated | ✓ | New |
| | Condition | ✓ | |
| | Operation | ✓ | |
| **Connectors** | Condition | ✓ | |
| **Tape Check** | Condition | ✓ | New |
| | Decontaminated | ✓ | |
| **Instrument Test** | At surface level | ✓ | Tap water and Petrol |
| **Speaker** | Operation | ✓ | |

**Comments**

New gear.

This is to certify that the above instrument has been checked and is in good working order.

**Checked By:** Milenko Sisic

**Check Date:** 08.01.2024 **Due for Check:** 08.07.2024

GCC ISO 9001 Certified
GCC ISO 14001 Certified
JAS-ANZ WWW.JAS-ANZ.ORG/REGISTER

# Calibration and Service Report

ABN: 74 619 717 350
Contact: 02 9730 2019
Email: rentals@experttesting.com.au
9/171 Power Street, Glendenning NSW 2761
Web: www.experttesting.com.au

| | | | | | |
|---|---|---|---|---|---|
| **Company:** | Expert Testing Services (Hire) Pty Ltd | **Manufacturer:** | YSI | **Serial #:** | 21K103668 |
| **Address:** | 9/171 Power Street<br>GLENDENNING NSW 2761 | **Instrum./Model:** | Pro Quatro | **Cable S/N:** | 21M100418 |
| **Phone:** | 02 9730 2019 | **Client Company:** | JBS&G | **Client Email:** | rchapman@jbsg.com.au |
| **Email:** | rentals@experttesting.com.au | **Client Name:** | Ruby Chapman | **Client Phone:** | |

| Item | Test | Pass | Comments |
|---|---|---|---|
| **Battery** | 2 x Alkaline C-cells | ✓ | Voltage reading above 2.9V |
| | Battery Saver | ✓ | Automatically turns off after 60 minutes if not used |
| **Connections** | Condition | ✓ | Good, clean |
| **Cable** | Condition | ✓ | Clean, no tears |
| **Display** | Operation | ✓ | |
| **Firmware** | Version | ✓ | 0.0.79 |
| **Keypad** | Operational | ✓ | |
| **Display** | Screen | ✓ | |
| **Unit** | Condition, seals and O-rings | ✓ | |
| **Monitor housing** | Condition | ✓ | |
| **pH** | | | |
| Condition | | ✓ | Good, clean |
| pH millivolts for pH7 calibration range 0 mV ± 50 mV | | ✓ | |
| pH 4 mV range + 165 to + 180 from 7 buffer mV value | | ✓ | |
| pH slope | | ✓ | 55 to 60 mV/pH; ideal 59mV |
| Response time < 90 seconds | | ✓ | |
| Calibrated and conforms to manufacturer's specifications | | ✓ | |
| **ORP** | | | |
| Condition | | ✓ | Good, clean |
| Response time < 90 seconds | | ✓ | |
| within ± 80mv of reference Zobell Reading | | ✓ | |
| Calibrated and conforms to manufacturer's specifications | | ✓ | Variance range ± 20mV |
| **Conductivity** | | | |
| Condition | | ✓ | Good, clean |
| Temperature | | ✓ | °C |
| Conductivity cell constant 5.0 ± 1.0 in GLP file | | ✓ | |
| Clean sensor reads less than 3 uS/cm in dry air | | ✓ | |
| Calibrated and conforms to manufacturer's specifications | | ✓ | µs/cm |
| **Dissolved Oxygen** | | | |
| Condition | | ✓ | Good, clean |
| DO sensor in use | | ✓ | Galvanic |
| 1.25 mil PE membrane (yellow membrane): | | ✓ | |
| DO Sensor Value | | ✓ | (min 4.31 uA - max 8.00 uA) Avg 6.15 uA |
| Calibrated and conforms to manufacturer's specifications | | ✓ | ppm |

**Instrument Readings**

| Parameter | Standards | Reference | Calibration Point | Before | After | Units |
|---|---|---|---|---|---|---|
| Temperature | Hanna HI98509; SN:31E0C9 | Room Temp. | 25.2 | N/A | 25.2 | °C |
| pH | pH 4.00 | 378281 | 4.01 | 3.97 | 4.01 | pH |
| pH | pH 7.00 | 375757 | 7.00 | 7.03 | 7.00 | pH |
| Conductivity | 2760 µs/cm at 25°C | 21/1910 | 2760 | 2769 | 2760 | µs/cm |
| ORP (Ref. check only) | Zobell A & B | A21/1611 & B21/1611 | 228.6 | 231.9 | 228.6 | mV |
| Zero Dissolved Oxygen | NaSO3 in distilled water | 123302 | 0.0 | -0.2 | 0.0 | % |
| 100% Dissolved Oxygen | 100% Air Saturation | Fresh Air | 99.6 | 81.2 | 99.6 | % |

**Checked By:** Milenko Sisic
**Check Date:** 08.01.2024 **Due for Check:** 08.07.2024

GLOBAL COMPLIANCE CERTIFICATION GCC ISO 9001 Certified
GLOBAL COMPLIANCE CERTIFICATION GCC ISO 14001 Certified
JAS-ANZ WWW.JAS-ANZ.ORG/REGISTER

# Appendix J Groundwater and Surface Water Field Screening and Gauging Records

## Groundwater Gauging Data

| | |
|---|---|
| PROJECT NAME: Huntingwood | PROJECT NO: 67299 |
| FIELDWORK DATES: 17/6/24 | SAMPLERS: EF + MS + JB |
| TYPE OF INVESTIGATION: GME | PROJECT MANAGER: DS |

| WELL ID | DATE | TIME | DEPTH TO LNAPL (mbtoc) | DEPTH TO WATER (mbtoc) | DEPTH TO DNAPL (mbtoc) | TOTAL DEPTH (mbtoc) | NAPL VISUALLY VERIFIED | COMMENTS |
|---|---|---|---|---|---|---|---|---|
| JBMW01 | 17/6/24 | - | - | 1.209 | - | 7.97 | - | NO odour or sheen |
| JBMW02 | ↓ | ↓ | - | 3.742 | - | 7.98 | - | ↓ |
| JBMW03 | | | - | 1.733 | - | 4.90 | - | |
| JBMW04 | | | | 1.547 | - | 3.52 | - | |
| JBMW05 | ↓ | ↓ | - | Dry | — | — | — | — |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Notes: _____


© 2011-2019 JBS&G Australia Pty Ltd

# Groundwater Sampling Form

| | |
|---|---|
| **PROJECT NAME:** Huntingwood | **PROJECT NO:** 67299 |
| **SAMPLING DATES:** 17/6/24 | **SAMPLERS:** EF + MS |
| **TYPE OF INVESTIGATION:** GME | **PROJECT MANAGER:** DS |
| **WELL ID:** JBMW01 | **WEATHER:** Sunny |

| | |
|---|---|
| **Casing Diameter (mm):** 50 | **Depth to NAPL (mBTOC):** – |
| **Well Completion:** (Flush Mount) / Monument | **Depth to SWL (mBTOC):** 1.209 |
| **Well Cap Type:** (Locking Cap) / PVC / Other | **NAPL Thickness (m):** – |
| **Well Condition:** (Good) / Compromised | **Depth to EoH (mbtoc):** 7.97 |
| **Calculated Well Volume (L):** 13.25 | **Water Column Depth (m):** 6.761 |
| **Sampling Method:** | **NAPL Visually Verified?** – |
| Purge Volume 4 Casings Vol. (L) | |
| (Low Flow) Pump Submersion depth (mBTOC) | |

| TIME | VOLUME PURGED L | DSSOLVED OXYGEN ☐ % ☑ mgL/ppm | TEMP °C | pH pH units | EC µS/cm | ORP mV | Comments Inc SWL for low flow (mBTOC) TDS | DTW |
|---|---|---|---|---|---|---|---|---|
| 12:39 | 0.3 | -0.09 | 17.5 | 8.27 | 18572 | 45.5 | 14059 | 1.691 |
| 12:42 | 0.6 | -0.09 | 17.5 | 8.23 | 18474 | 46.2 | 14030 | 1.751 |
| 12:45 | 0.9 | -0.09 | 17.4 | 8.23 | 18462 | 46.1 | 14008 | 1.776 |
| 12:48 | 1.2 | -0.09 | 17.6 | 8.22 | 18461 | 45.4 | 13969 | 1.835 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Acceptable Variations* | | +/-10% | +/- 0.2 °C | +/-0.05 pH | +/-3% | +/-10mV | Results Acceptable: YES / NO | |

*LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)*

*PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m*

| | | | |
|---|---|---|---|
| **Clarity:** | Medium turbidity | **Sheen:** | YES / (NO) |
| **Colour:** | grey | **Odour:** | YES / (NO) |

QAQC02.


© 2011-2019 JBS&G Australia Pty Ltd

| | | | |
|---|---|---|---|
| **Primary sample ID:** | JBMW01 | **No.** | **Container / Preservative** |
| **Duplicate sample:** | (YES) / NO ID: | | 2x vials, amber, green, |
| **Triplicate sample:** | (YES) / NO ID: | | PFAS, HM. |
| **Rinsate sample:** | (YES) / NO ID: | | |
| **Sample on ice:** | (YES) / NO | | |
| **Field Filter Method:** | 0.45µm filter / not filtered | | |
| **Water Quality Metre:** | YSI | | |
| **Gauging Equipment:** | IP | | |
| **Pump Type:** | peri | | |
| **NOTES:** | | | |

*Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)*

| **Casing Diameter** | **25mm** | **50mm** | **100mm** | **150mm** | **300mm** |
|---|---|---|---|---|---|
| **Conversion Factor** | **0.98** | **1.96** | **7.85** | **49.1** | **196.3** |

*Volume of water in well (L) = ∏ * radius of gravel pack (m)2 * height of water column (m)*

**SA EPA Guidelines (June 2007) as referenced in NEPM*


© 2011-2019 JBS&G Australia Pty Ltd

# Groundwater Sampling Form

| | |
|---|---|
| **PROJECT NAME:** Huntingwood | **PROJECT NO:** 67299 |
| **SAMPLING DATES:** 17/6/24 | **SAMPLERS:** EF |
| **TYPE OF INVESTIGATION:** GME | **PROJECT MANAGER:** DS |
| **WELL ID:** JBMW02 | **WEATHER:** Sunny |

| | |
|---|---|
| **Casing Diameter (mm):** 50 | **Depth to NAPL (mBTOC):** – |
| **Well Completion:** (Flush Mount) / Monument | **Depth to SWL (mBTOC):** 3.742 |
| **Well Cap Type:** Locking Cap / PVC / Other | **NAPL Thickness (m):** – |
| **Well Condition:** (Good) / Compromised | **Depth to EoH (mbtoc):** 7.98 |
| **Calculated Well Volume (L):** 8.306 | **Water Column Depth (m):** 4.238 |
| **Sampling Method:** | **NAPL Visually Verified?** – |
| Purge Volume 4 Casings Vol. (L) | Tubing at 6 m |
| (Low Flow) Pump Submersion depth (mBTOC) | |

| TIME | VOLUME PURGED L | DSSOLVED OXYGEN ☐ % ☑ mgL/ppm | TEMP °C | pH pH units | EC µS/cm | ORP mV | Comments Inc SWL for low flow (mBTOC) TDS | DTW |
|---|---|---|---|---|---|---|---|---|
| 7:19 | 0.3 | -0.06 | 16.3 | 8.23 | 8384 | -150.6 | 6576 | 4.535 |
| 7:22 | 0.6 | -0.03 | 16.2 | 8.66 | 8085 | -155.6 | 6284 | 4.802 |
| 7:25 | 0.9 | -0.01 | 16.1 | 9.49 | 7153 | -153.2 | 5593 | 5.055 |
| 7:28 | 1.2 | -0.01 | 16.0 | 9.56 | 7061 | -152.9 | 5515 | 5.129 |
| 7:31 | 1.5 | -0.01 | 16.2 | 9.84 | 6683 | -148.9 | 5214 | 5.293 |
| 7:34 | 1.8 | -0.01 | 16.3 | 9.87 | 6603 | -140.0 | 5140 | 5.442 |
| 7:37 | 2.1 | -0.01 | 16.2 | 9.89 | 6616 | -139.7 | 5110 | 5.501 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Acceptable Variations* | | +/-10% | +/- 0.2 °C | +/-0.05 pH | +/-3% | +/-10mV | Results Acceptable: YES / NO | |

*LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)*

*PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m*

| | | | |
|---|---|---|---|
| **Clarity:** | Clear Brown | **Sheen:** | YES / (NO) |
| **Colour:** | very low turbidity ↓ Medium | **Odour:** | YES / (NO) |


© 2011-2019 JBS&G Australia Pty Ltd

| | | | |
|---|---|---|---|
| **Primary sample ID:** | JBMW02 | **No.** | **Container / Preservative** |
| **Duplicate sample:** | YES / (NO) ID: | | 2x vials, amber, green. |
| **Triplicate sample:** | YES / (NO) ID: | | PFAS, HM. |
| **Rinsate sample:** | YES / (NO) ID: | | |
| **Sample on ice:** | (YES) / NO | | |
| **Field Filter Method:** | 0.45µm filter / not filtered | | |
| **Water Quality Metre:** | YSI | | |
| **Gauging Equipment:** | IP | | |
| **Pump Type:** | Peri Pump. | | |
| **NOTES:** | | | |

*Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)*

| **Casing Diameter** | **25mm** | **50mm** | **100mm** | **150mm** | **300mm** |
|---|---|---|---|---|---|
| **Conversion Factor** | **0.98** | **1.96** | **7.85** | **49.1** | **196.3** |

*Volume of water in well (L) = ∏ * radius of gravel pack (m)2 * height of water column (m)*

**SA EPA Guidelines (June 2007) as referenced in NEPM*


© 2011-2019 JBS&G Australia Pty Ltd

# Groundwater Sampling Form

| | |
|---|---|
| PROJECT NAME: Huntingwood | PROJECT NO: 62799 |
| SAMPLING DATES: 17/6/24 | SAMPLERS: EF + MS |
| TYPE OF INVESTIGATION: GME | PROJECT MANAGER: DS |
| WELL ID: JBMW03 | WEATHER: Sunny |

| | |
|---|---|
| Casing Diameter (mm): 50 | Depth to NAPL (mBTOC): - |
| Well Completion: (Flush Mount) / Monument | Depth to SWL (mBTOC): 1.733 |
| Well Cap Type: (Locking Cap) / PVC / Other | NAPL Thickness (m): - |
| Well Condition: (Good) / Compromised | Depth to EoH (mbtoc): 4.90 |
| Calculated Well Volume (L): 6.207 | Water Column Depth (m): 3.167 |
| Sampling Method: Peri pump. | NAPL Visually Verified? NO |
| Purge Volume 4 Casings Vol. (L) | Tubing at 3 m |
| (Low Flow) Pump Submersion depth (mBTOC) | |

| TIME | VOLUME PURGED L | DSSOLVED OXYGEN ☐ % ☑ mgL/ppm | TEMP °C | pH pH units | EC µS/cm | ORP mV | Comments Inc SWL for low flow (mBTOC) TDS | DTW |
|---|---|---|---|---|---|---|---|---|
| 10:31 | 0.3 | -0.09 | 16.7 | 7.63 | 23625 | -4.3 | 18233 | 2.341 |
| 10:34 | 0.6 | -0.09 | 16.8 | 7.73 | 23657 | 11.0 | 18208 | 2.419 |
| 10:37 | 0.9 | -0.09 | 16.9 | 7.81 | 23665 | 18.9 | 18209 | 2.501 |
| 10:40 | 1.2 | -0.09 | 16.8 | 7.97 | 23608 | 25.8 | 18211 | 2.605 |
| 10:43 | 1.5 | -0.09 | 17.0 | 8.00 | 23684 | 29.3 | 18164 | 2.687 |
| 10:46 | 1.8 | -0.09 | 16.9 | 8.01 | 23683 | 33.3 | 18201 | 2.799 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Acceptable Variations* | | +/-10% | +/- 0.2 °C | +/-0.05 pH | +/-3% | +/-10mV | Results Acceptable: YES / NO | |

*LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)*

*PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m*

| | | | |
|---|---|---|---|
| Clarity: | Clear | Sheen: | YES / (NO) |
| Colour: | very low turbidity | Odour: | YES / (NO) |


© 2011-2019 JBS&G Australia Pty Ltd

| Primary sample ID: | JBMW03 | No. | Container / Preservative |
|---|---|---|---|
| Duplicate sample: | YES / (NO) ID: | | 2x vials, amber, green, |
| Triplicate sample: | YES / (NO) ID: | | HM, PFAS. |
| Rinsate sample: | YES / (NO) ID: | | |
| Sample on ice: | (YES) / NO | | |
| Field Filter Method: | (0.45µm filter) / not filtered | | |
| Water Quality Metre: | YSI | | |
| Gauging Equipment: | IP | | |
| Pump Type: | peri Pump | | |
| NOTES: | | | |

*Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)*

| Casing Diameter | 25mm | 50mm | 100mm | 150mm | 300mm |
|---|---|---|---|---|---|
| Conversion Factor | 0.98 | 1.96 | 7.85 | 49.1 | 196.3 |

*Volume of water in well (L) = ∏ * radius of gravel pack (m)2 * height of water column (m)*

**SA EPA Guidelines (June 2007) as referenced in NEPM*


© 2011-2019 JBS&G Australia Pty Ltd

# Groundwater Sampling Form

| | |
|---|---|
| **PROJECT NAME:** Huntingwood | **PROJECT NO:** 67299 |
| **SAMPLING DATES:** 17/6/24 | **SAMPLERS:** EF + MS |
| **TYPE OF INVESTIGATION:** GME | **PROJECT MANAGER:** DS |
| **WELL ID:** JBMW04 | **WEATHER:** Sunny |

| | |
|---|---|
| **Casing Diameter (mm):** 50 | **Depth to NAPL (mBTOC):** – |
| **Well Completion:** (Flush Mount) / Monument | **Depth to SWL (mBTOC):** 1.547 |
| **Well Cap Type:** (Locking Cap) / PVC / Other | **NAPL Thickness (m):** – |
| **Well Condition:** (Good) / Compromised | **Depth to EoH (mbtoc):** 3.520 |
| **Calculated Well Volume (L):** 3.867 | **Water Column Depth (m):** 1.973 |
| **Sampling Method:** | **NAPL Visually Verified?** – |
| Purge Volume 4 Casings Vol. (L) | Tubing at 2.5m |
| (Low Flow) Pump Submersion depth (mBTOC) | |

| TIME | VOLUME PURGED L | DSSOLVED OXYGEN ☐ % ☑ mgL/ppm | TEMP °C | pH pH units | EC µS/cm | ORP mV | Comments Inc SWL for low flow (mBTOC) TDS | OTW |
|---|---|---|---|---|---|---|---|---|
| 9:30 | 0.3 | 7.48 | 15.3 | 7.52 | 14953 | 14.4 | 11930 | 1.943 |
| 9:33 | 0.6 | 6.64 | 15.4 | 7.48 | 14630 | 21.5 | 11648 | 2.064 |
| 9:36 | 0.9 | 6.46 | 15.5 | 7.44 | 14626 | 25.6 | 11599 | 2.183 |
| 9:39 | 1.2 | 5.68 | 15.6 | 7.38 | 14907 | 32.0 | 11835 | 2.432 |
| 9:42 | 1.5 | 6.136 | 15.5 | 7.42 | 14913 | 27.6 | 11746 | 2.454 |
| 9:45 | 1.8 | 5.16 | 15.8 | 7.36 | 15324 | 34.9 | 12061 | 2.543 |
| 9:47 | 2.1 | 4.72 | 15.9 | 7.32 | 15547 | 37.9 | 12231 | 2.617 |
| 9:50 | 2.4 | 4.70 | 16.0 | 7.33 | 15823 | 39.7 | 12290 | 2.805 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Acceptable Variations* | | +/-10% | +/- 0.2 °C | +/-0.05 pH | +/-3% | +/-10mV | Results Acceptable: YES / NO | |

*LOW FLOW: Typical flow rate = 0.2- 0.4 L/min - Max. drawdown = 0.1 m - Well stable when 3 consecutive readings (either 3min apart or 1L apart)*

*PURGE: Min. sampling volume is 4 casing volumes or dry twice - 1 casing volume (50mm wells) = 2 L/m - 1 casing volume (100mm wells) = 8 L/m*

| | | | |
|---|---|---|---|
| **Clarity:** | very low turbidity | **Sheen:** | YES / (NO) |
| **Colour:** | clear | **Odour:** | YES / (NO) |


© 2011-2019 JBS&G Australia Pty Ltd

| | | | |
|---|---|---|---|
| **Primary sample ID:** | JBMW04 | **No.** | **Container / Preservative** |
| **Duplicate sample:** | YES / (NO) ID: | | 2x vials, amber, |
| **Triplicate sample:** | YES / (NO) ID: | | green, PFAS, HM. |
| **Rinsate sample:** | YES / (NO) ID: | | |
| **Sample on ice:** | (YES) / NO | | |
| **Field Filter Method:** | (0.45µm filter) / not filtered | | |
| **Water Quality Metre:** | YSI | | |
| **Gauging Equipment:** | IP | | |
| **Pump Type:** | Peri Pump | | |
| **NOTES:** | | | |

*Calculated Well Volume (L) = Water Column Depth (m) * Conversion Factor (from table)*

| **Casing Diameter** | **25mm** | **50mm** | **100mm** | **150mm** | **300mm** |
|---|---|---|---|---|---|
| **Conversion Factor** | **0.98** | **1.96** | **7.85** | **49.1** | **196.3** |

*Volume of water in well (L) = ∏ * radius of gravel pack (m)2 * height of water column (m)*

**SA EPA Guidelines (June 2007) as referenced in NEPM*


© 2011-2019 JBS&G Australia Pty Ltd

# Field Screening of Soils

| | |
|---|---|
| PROJECT NAME: Huntingwood. | PROJECT NO: 67299 |
| FIELDWORK DATES: 17/6/24 | SAMPLERS: EF + MS + JB |
| TYPE OF INVESTIGATION: surface water sampling | PROJECT MANAGER: DS |

SKETCH OF SAMPLE LOCATIONS

See map attached.

| SAMPLE ID | DATE | DEPTH (m) | PID/XRF (ppm) | SOIL DESCRIPTION AND FATE |
|---|---|---|---|---|
| SW01 | 17/6/24 | - | - | yellow, low turbidity. |
| SW02 | ↓ | ↓ | ↓ | clear, very low turbidity |
| SW03 | | | | clear, very low turbidity |
| SW04 | | | | black, no very high turbidity |
| SW05 | | | | yellow, low turbidity |
| SW06 | ↓ | ↓ | ↓ | yellow, low turbidity |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |

No odour or sheer ↓

**Additional Notes:** SW04 = QA/QC01

| Description | | Colour | Structure | Moisture | Cohesive Soils | |
|---|---|---|---|---|---|---|
| FILL | clayey | red | homogenous | dry | very soft | non-plastic |
| CLAY | silty | yellow | heterogeneous | damp | soft | low plasticity |
| SILT | sandy | black | stratified | moist | firm | mod plasticity |
| SAND | gravelly | brown | laminated | wet | stiff | high plasticity |
| | organic | grey | lens | saturated | very stiff | |

| Sand & Gravel | | Secondary | |
|---|---|---|---|
| very loose | boulders | poorly sorted | and (35-50%) |
| loose | cobbles | (well graded) | some (20-35%) |
| medium dense | coarse gravel | well sorted | little (10-20%) |
| dense | fine gravel | (poorly graded) | trace (0-10%) |
| very dense | coarse sand | | |


© 2011-2019 JBS&G Australia Pty Ltd

# Appendix K Detailed Laboratory Reports and Chain of Custody Documentation

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 354015

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | D Saeed |
| **Address** | Level 1, 50 Margaret St, Sydney, NSW, 2000 |

## Sample Details

| | |
|---|---|
| **Your Reference** | **67299** |
| **Number of Samples** | 9 Soil |
| **Date samples received** | 14/06/2024 |
| **Date completed instructions received** | 17/06/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

**Please refer to the last page of this report for any comments relating to the results.**

## Report Details

| | |
|---|---|
| **Date results requested by** | 24/06/2024 |
| **Date of Issue** | 21/06/2024 |

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Asbestos Approved By**
Analysed by Asbestos Approved Analyst: Nyovan Moonean
Authorised by Asbestos Approved Signatory: Lucy Zhu

**Results Approved By**
Dragana Tomas, Senior Chemist
Giovanni Agosti, Group Technical Manager
Liam Timmins, Organics Supervisor
Lucy Zhu, Asbestos Supervisor
Sean McAlary, Chemist (FAS)

**Authorised By**
Nancy Zhang, Laboratory Manager

| vTRH(C6-C10)/BTEXN in Soil | | | |
|---|---|---|---|
| Our Reference | | 354015-1 | 354015-3 |
| Your Reference | UNITS | QA01 | QA20240613_02 |
| Type of sample | | Soil | Soil |
| Date extracted | - | 18/06/2024 | 18/06/2024 |
| Date analysed | - | 21/06/2024 | 21/06/2024 |
| TRH $C_6$ - $C_9$ | mg/kg | <25 | <25 |
| TRH $C_6$ - $C_{10}$ | mg/kg | <25 | <25 |
| vTRH $C_6$ - $C_{10}$ less BTEX (F1) | mg/kg | <25 | <25 |
| Benzene | mg/kg | <0.2 | <0.2 |
| Toluene | mg/kg | <0.5 | <0.5 |
| Ethylbenzene | mg/kg | <1 | <1 |
| m+p-xylene | mg/kg | <2 | <2 |
| o-Xylene | mg/kg | <1 | <1 |
| Naphthalene | mg/kg | <1 | <1 |
| Total +ve Xylenes | mg/kg | <1 | <1 |
| *Surrogate* aaa-Trifluorotoluene | % | 95 | 94 |

| svTRH (C10-C40) in Soil | | | |
|---|---|---|---|
| Our Reference | | 354015-1 | 354015-3 |
| Your Reference | UNITS | QA01 | QA20240613_02 |
| Type of sample | | Soil | Soil |
| Date extracted | - | 18/06/2024 | 18/06/2024 |
| Date analysed | - | 20/06/2024 | 20/06/2024 |
| TRH $C_{10}$ - $C_{14}$ | mg/kg | <50 | <50 |
| TRH $C_{15}$ - $C_{28}$ | mg/kg | <100 | <100 |
| TRH $C_{29}$ - $C_{36}$ | mg/kg | <100 | <100 |
| Total +ve TRH (C10-C36) | mg/kg | <50 | <50 |
| TRH >$C_{10}$ -$C_{16}$ | mg/kg | <50 | <50 |
| TRH >$C_{10}$ -$C_{16}$ less Naphthalene (F2) | mg/kg | <50 | <50 |
| TRH >$C_{16}$ -$C_{34}$ | mg/kg | <100 | <100 |
| TRH >$C_{34}$ -$C_{40}$ | mg/kg | <100 | 150 |
| Total +ve TRH (>C10-C40) | mg/kg | <50 | 150 |
| *Surrogate* o-Terphenyl | % | 75 | 75 |

| PAHs in Soil | | | | |
|---|---|---|---|---|
| Our Reference | | 354015-1 | 354015-2 | 354015-7 |
| Your Reference | UNITS | QA01 | QA20240613_01 | QA20240613_03 |
| Type of sample | | Soil | Soil | Soil |
| Date extracted | - | 19/06/2024 | 19/06/2024 | 19/06/2024 |
| Date analysed | - | 19/06/2024 | 19/06/2024 | 19/06/2024 |
| Naphthalene | mg/kg | <0.1 | <0.1 | <0.1 |
| Acenaphthylene | mg/kg | <0.1 | <0.1 | <0.1 |
| Acenaphthene | mg/kg | <0.1 | <0.1 | <0.1 |
| Fluorene | mg/kg | <0.1 | <0.1 | <0.1 |
| Phenanthrene | mg/kg | <0.1 | <0.1 | <0.1 |
| Anthracene | mg/kg | <0.1 | <0.1 | <0.1 |
| Fluoranthene | mg/kg | <0.1 | 0.5 | <0.1 |
| Pyrene | mg/kg | <0.1 | 0.5 | <0.1 |
| Benzo(a)anthracene | mg/kg | <0.1 | 0.3 | <0.1 |
| Chrysene | mg/kg | <0.1 | 0.2 | <0.1 |
| Benzo(b,j+k)fluoranthene | mg/kg | <0.2 | 0.5 | <0.2 |
| Benzo(a)pyrene | mg/kg | <0.05 | 0.3 | <0.05 |
| Indeno(1,2,3-c,d)pyrene | mg/kg | <0.1 | 0.3 | <0.1 |
| Dibenzo(a,h)anthracene | mg/kg | <0.1 | <0.1 | <0.1 |
| Benzo(g,h,i)perylene | mg/kg | <0.1 | 0.2 | <0.1 |
| Total +ve PAH's | mg/kg | <0.05 | 2.8 | <0.05 |
| Benzo(a)pyrene TEQ calc (zero) | mg/kg | <0.5 | <0.5 | <0.5 |
| Benzo(a)pyrene TEQ calc(half) | mg/kg | <0.5 | <0.5 | <0.5 |
| Benzo(a)pyrene TEQ calc(PQL) | mg/kg | <0.5 | <0.5 | <0.5 |
| *Surrogate p*-Terphenyl-d14 | % | 94 | 100 | 101 |

| Organochlorine Pesticides in soil | | | |
|---|---|---|---|
| Our Reference | | 354015-1 | 354015-3 |
| Your Reference | UNITS | QA01 | QA20240613_02 |
| Type of sample | | Soil | Soil |
| Date extracted | - | 19/06/2024 | 19/06/2024 |
| Date analysed | - | 19/06/2024 | 19/06/2024 |
| alpha-BHC | mg/kg | <0.1 | <0.1 |
| HCB | mg/kg | <0.1 | <0.1 |
| beta-BHC | mg/kg | <0.1 | <0.1 |
| gamma-BHC | mg/kg | <0.1 | <0.1 |
| Heptachlor | mg/kg | <0.1 | <0.1 |
| delta-BHC | mg/kg | <0.1 | <0.1 |
| Aldrin | mg/kg | <0.1 | <0.1 |
| Heptachlor Epoxide | mg/kg | <0.1 | <0.1 |
| gamma-Chlordane | mg/kg | <0.1 | <0.1 |
| alpha-chlordane | mg/kg | <0.1 | <0.1 |
| Endosulfan I | mg/kg | <0.1 | <0.1 |
| pp-DDE | mg/kg | <0.1 | <0.1 |
| Dieldrin | mg/kg | <0.1 | <0.1 |
| Endrin | mg/kg | <0.1 | <0.1 |
| Endosulfan II | mg/kg | <0.1 | <0.1 |
| pp-DDD | mg/kg | <0.1 | <0.1 |
| Endrin Aldehyde | mg/kg | <0.1 | <0.1 |
| pp-DDT | mg/kg | <0.1 | <0.1 |
| Endosulfan Sulphate | mg/kg | <0.1 | <0.1 |
| Methoxychlor | mg/kg | <0.1 | <0.1 |
| Mirex | mg/kg | <0.1 | <0.1 |
| Total +ve DDT+DDD+DDE | mg/kg | <0.1 | <0.1 |
| *Surrogate* 4-Chloro-3-NBTF | % | 90 | 90 |

| PCBs in Soil | | | |
|---|---|---|---|
| Our Reference | | 354015-1 | 354015-3 |
| Your Reference | UNITS | QA01 | QA20240613_02 |
| Type of sample | | Soil | Soil |
| Date extracted | - | 19/06/2024 | 19/06/2024 |
| Date analysed | - | 19/06/2024 | 19/06/2024 |
| Aroclor 1016 | mg/kg | <0.1 | <0.1 |
| Aroclor 1221 | mg/kg | <0.1 | <0.1 |
| Aroclor 1232 | mg/kg | <0.1 | <0.1 |
| Aroclor 1242 | mg/kg | <0.1 | <0.1 |
| Aroclor 1248 | mg/kg | <0.1 | <0.1 |
| Aroclor 1254 | mg/kg | <0.1 | <0.1 |
| Aroclor 1260 | mg/kg | <0.1 | <0.1 |
| Total +ve PCBs (1016-1260) | mg/kg | <0.1 | <0.1 |
| *Surrogate* 2-Fluorobiphenyl | % | 91 | 92 |

| Acid Extractable metals in soil | | | | | |
|---|---|---|---|---|---|
| Our Reference | | 354015-1 | 354015-2 | 354015-3 | 354015-10 |
| Your Reference | UNITS | QA01 | QA20240613_01 | QA20240613_02 | QA01 - [TRIPLICATE] |
| Type of sample | | Soil | Soil | Soil | Soil |
| Date prepared | - | 18/06/2024 | 18/06/2024 | 18/06/2024 | 18/06/2024 |
| Date analysed | - | 19/06/2024 | 19/06/2024 | 19/06/2024 | 19/06/2024 |
| Arsenic | mg/kg | 6 | 6 | <4 | 6 |
| Cadmium | mg/kg | <0.4 | <0.4 | <0.4 | <0.4 |
| Chromium | mg/kg | 13 | 20 | 7 | 14 |
| Copper | mg/kg | 15 | 34 | 41 | 14 |
| Lead | mg/kg | 23 | 70 | 35 | 21 |
| Mercury | mg/kg | <0.1 | <0.1 | <0.1 | <0.1 |
| Nickel | mg/kg | 8 | 26 | 28 | 8 |
| Zinc | mg/kg | 20 | 47 | 34 | 19 |

| Moisture | | | | | |
|---|---|---|---|---|---|
| Our Reference | | 354015-1 | 354015-2 | 354015-3 | 354015-7 |
| Your Reference | UNITS | QA01 | QA20240613_01 | QA20240613_02 | QA20240613_03 |
| Type of sample | | Soil | Soil | Soil | Soil |
| Date prepared | - | 18/06/2024 | 18/06/2024 | 18/06/2024 | 18/06/2024 |
| Date analysed | - | 19/06/2024 | 19/06/2024 | 19/06/2024 | 19/06/2024 |
| Moisture | % | 18 | 14 | 22 | 20 |

| Asbestos ID - soils NEPM - ASB-001 | | | | |
|---|---|---|---|---|
| Our Reference | | 354015-4 | 354015-5 | 354015-6 |
| Your Reference | UNITS | QAAQ2024DG13_01 | QAAQ2024DG13_02 | QAAQ2024DG13_03 |
| Type of sample | | Soil | Soil | Soil |
| Date analysed | - | 21/06/2024 | 21/06/2024 | 21/06/2024 |
| Sample mass tested | g | 488.99 | 685.78 | 341.81 |
| Sample Description | - | Brown clayey soil & rocks | Brown clayey soil & rocks | Orange clayey soil & rocks |
| Asbestos ID in soil (AS4964) >0.1g/kg | - | No asbestos detected at reporting limit of 0.1g/kg<br>Organic fibres detected | No asbestos detected at reporting limit of 0.1g/kg<br>Organic fibres detected | No asbestos detected at reporting limit of 0.1g/kg<br>Organic fibres detected |
| Trace Analysis | - | No asbestos detected | No asbestos detected | No asbestos detected |
| Total Asbestos[#1] | g/kg | <0.1 | <0.1 | <0.1 |
| Asbestos ID in soil <0.1g/kg* | - | No visible asbestos detected | No visible asbestos detected | No visible asbestos detected |
| ACM >7mm Estimation* | g | – | – | – |
| FA and AF Estimation* | g | – | – | – |
| ACM >7mm Estimation* | %(w/w) | <0.01 | <0.01 | <0.01 |
| FA and AF Estimation*#2 | %(w/w) | <0.001 | <0.001 | <0.001 |
| Asbestos comments | - | Nil | Nil | Nil |

| PFAS in Soils Extended | | | |
|---|---|---|---|
| Our Reference | | 354015-1 | 354015-2 |
| Your Reference | UNITS | QA01 | QA20240613_01 |
| Type of sample | | Soil | Soil |
| Date prepared | - | 18/06/2024 | 18/06/2024 |
| Date analysed | - | 18/06/2024 | 18/06/2024 |
| Perfluorobutanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluoropentanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | <0.1 | <0.1 |
| Perfluoroheptanesulfonic acid | µg/kg | <0.1 | <0.1 |
| Perfluorooctanesulfonic acid PFOS | µg/kg | <0.1 | 0.1 |
| Perfluorodecanesulfonic acid | µg/kg | <0.2 | <0.2 |
| Perfluorobutanoic acid | µg/kg | <0.2 | <0.2 |
| Perfluoropentanoic acid | µg/kg | <0.2 | <0.2 |
| Perfluorohexanoic acid | µg/kg | <0.1 | <0.1 |
| Perfluoroheptanoic acid | µg/kg | <0.1 | <0.1 |
| Perfluorooctanoic acid PFOA | µg/kg | <0.1 | <0.1 |
| Perfluorononanoic acid | µg/kg | <0.1 | <0.1 |
| Perfluorodecanoic acid | µg/kg | <0.5 | <0.5 |
| Perfluoroundecanoic acid | µg/kg | <0.5 | <0.5 |
| Perfluorododecanoic acid | µg/kg | <0.5 | <0.5 |
| Perfluorotridecanoic acid | µg/kg | <0.5 | <0.5 |
| Perfluorotetradecanoic acid | µg/kg | <5 | <5 |
| 4:2 FTS | µg/kg | <0.1 | <0.1 |
| 6:2 FTS | µg/kg | <0.1 | <0.1 |
| 8:2 FTS | µg/kg | <0.2 | <0.2 |
| 10:2 FTS | µg/kg | <0.2 | <0.2 |
| Perfluorooctane sulfonamide | µg/kg | <1 | <1 |
| N-Methyl perfluorooctane sulfonamide | µg/kg | <1 | <1 |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | <1 | <1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | <1 | <1 |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | <5 | <5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | <0.2 | <0.2 |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | <0.2 | <0.2 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 100 | 103 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 99 | 95 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 90 | 88 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 87 | 90 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 91 | 92 |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 92 | 96 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 92 | 93 |

| PFAS in Soils Extended | | | |
|---|---|---|---|
| Our Reference | | 354015-1 | 354015-2 |
| Your Reference | UNITS | QA01 | QA20240613_01 |
| Type of sample | | Soil | Soil |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 88 | 91 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 94 | 97 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 92 | 97 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 89 | 94 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 93 | 93 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 100 | 103 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 99 | 104 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 119 | 137 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 88 | 86 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 101 | 96 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 86 | 98 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 97 | 101 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 95 | 97 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 95 | 94 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 90 | 95 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 94 | 94 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 89 | 92 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 96 | 95 |
| Total Positive PFHxS & PFOS | µg/kg | <0.1 | 0.1 |
| Total Positive PFOS & PFOA | µg/kg | <0.1 | 0.1 |
| Total Positive PFAS | µg/kg | <0.1 | 0.1 |

| Method ID | Methodology Summary |
|---|---|
| **ASB-001** | Asbestos ID - Qualitative identification of asbestos in bulk samples using Polarised Light Microscopy and Dispersion Staining Techniques including Synthetic Mineral Fibre and Organic Fibre as per Australian Standard 4964-2004. |
| **ASB-001** | Asbestos ID - Identification of asbestos in soil samples using Polarised Light Microscopy and Dispersion Staining Techniques. Minimum 500mL soil sample was analysed as recommended by "National Environment Protection (Assessment of site contamination) Measure, Schedule B1 and "The Guidelines from the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia - May 2009" with a reporting limit of 0.1g/kg (0.01% w/w) as per Australian Standard AS4964-2004.<br>Results reported denoted with * are outside our scope of NATA accreditation.<br><br>NOTE#1 Total Asbestos g/kg was analysed and reported as per Australian Standard AS4964 (This is the sum of ACM >7mm, <7mm and FA/AF relative to the sample mass tested)<br><br>NOTE#2 The screening level of 0.001% w/w asbestos in soil for FA and AF only applies where the FA and AF are able to be quantified by gravimetric procedures. This screening level is not applicable to free fibres.<br><br>Estimation = Estimated asbestos weight<br><br>Results reported with "--" is equivalent to no visible asbestos identified using Polarised Light microscopy and Dispersion Staining Techniques. |
| **Inorg-008** | Moisture content determined by heating at 105+/-5 °C for a minimum of 12 hours. |
| **Metals-020** | Determination of various metals by ICP-AES. |
| **Metals-021** | Determination of Mercury by Cold Vapour AAS. |
| **Org-020** | Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.<br>F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis. |

| Method ID | Methodology Summary |
|---|---|
| **Org-020** | Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.<br><br>F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis.<br><br>Note, the Total +ve TRH PQL is reflective of the lowest individual PQL and is therefore "Total +ve TRH" is simply a sum of the positive individual TRH fractions (>C10-C40). |
| **Org-021/022/025** | Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-ECD and/or GC-MS/GC-MSMS.<br>Note, the Total +ve PCBs PQL is reflective of the lowest individual PQL and is therefore" Total +ve PCBs" is simply a sum of the positive individual PCBs. |
| **Org-022/025** | Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS/GC-MSMS. |
| **Org-022/025** | Soil samples are extracted with dichloromethane/acetone and waters with dichloromethane and analysed by GC-MS/GC-MSMS.<br><br>Note, the Total +ve reported DDD+DDE+DDT PQL is reflective of the lowest individual PQL and is therefore simply a sum of the positive individually report DDD+DDE+DDT. |
| **Org-022/025** | Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-MS and/or GC-MS/MS. Benzo(a)pyrene TEQ as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater - 2013.<br>For soil results:-<br>1. 'EQ PQL'values are assuming all contributing PAHs reported as <PQL are actually at the PQL. This is the most conservative approach and can give false positive TEQs given that PAHs that contribute to the TEQ calculation may not be present.<br>2. 'EQ zero'values are assuming all contributing PAHs reported as <PQL are zero. This is the least conservative approach and is more susceptible to false negative TEQs when PAHs that contribute to the TEQ calculation are present but below PQL.<br>3. 'EQ half PQL'values are assuming all contributing PAHs reported as <PQL are half the stipulated PQL. Hence a mid-point between the most and least conservative approaches above.<br>Note, the Total +ve PAHs PQL is reflective of the lowest individual PQL and is therefore "Total +ve PAHs" is simply a sum of the positive individual PAHs. |
| **Org-023** | Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. |
| **Org-023** | Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTEX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater. |
| **Org-023** | Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTEX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater.<br>Note, the Total +ve Xylene PQL is reflective of the lowest individual PQL and is therefore "Total +ve Xylenes" is simply a sum of the positive individual Xylenes. |

| Method ID | Methodology Summary |
|---|---|
| **Org-029** | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: vTRH(C6-C10)/BTEXN in Soil | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-15 | [NT] |
| Date extracted | - | | | 18/06/2024 | 1 | 18/06/2024 | 18/06/2024 | | 18/06/2024 | [NT] |
| Date analysed | - | | | 21/06/2024 | 1 | 21/06/2024 | 21/06/2024 | | 21/06/2024 | [NT] |
| TRH $C_6$ - $C_9$ | mg/kg | 25 | Org-023 | <25 | 1 | <25 | <25 | 0 | 104 | [NT] |
| TRH $C_6$ - $C_{10}$ | mg/kg | 25 | Org-023 | <25 | 1 | <25 | <25 | 0 | 104 | [NT] |
| Benzene | mg/kg | 0.2 | Org-023 | <0.2 | 1 | <0.2 | <0.2 | 0 | 103 | [NT] |
| Toluene | mg/kg | 0.5 | Org-023 | <0.5 | 1 | <0.5 | <0.5 | 0 | 104 | [NT] |
| Ethylbenzene | mg/kg | 1 | Org-023 | <1 | 1 | <1 | <1 | 0 | 103 | [NT] |
| m+p-xylene | mg/kg | 2 | Org-023 | <2 | 1 | <2 | <2 | 0 | 105 | [NT] |
| o-Xylene | mg/kg | 1 | Org-023 | <1 | 1 | <1 | <1 | 0 | 104 | [NT] |
| Naphthalene | mg/kg | 1 | Org-023 | <1 | 1 | <1 | <1 | 0 | [NT] | [NT] |
| *Surrogate* aaa-Trifluorotoluene | % | | Org-023 | 97 | 1 | 95 | 93 | 2 | 103 | [NT] |

| QUALITY CONTROL: svTRH (C10-C40) in Soil | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-5 | [NT] |
| Date extracted | - | | | 18/06/2024 | 1 | 18/06/2024 | 18/06/2024 | | 18/06/2024 | [NT] |
| Date analysed | - | | | 20/06/2024 | 1 | 20/06/2024 | 20/06/2024 | | 20/06/2024 | [NT] |
| TRH $C_{10}$ - $C_{14}$ | mg/kg | 50 | Org-020 | <50 | 1 | <50 | <50 | 0 | 110 | [NT] |
| TRH $C_{15}$ - $C_{28}$ | mg/kg | 100 | Org-020 | <100 | 1 | <100 | <100 | 0 | 91 | [NT] |
| TRH $C_{29}$ - $C_{36}$ | mg/kg | 100 | Org-020 | <100 | 1 | <100 | <100 | 0 | 86 | [NT] |
| TRH >$C_{10}$ -$C_{16}$ | mg/kg | 50 | Org-020 | <50 | 1 | <50 | <50 | 0 | 110 | [NT] |
| TRH >$C_{16}$ -$C_{34}$ | mg/kg | 100 | Org-020 | <100 | 1 | <100 | <100 | 0 | 91 | [NT] |
| TRH >$C_{34}$ -$C_{40}$ | mg/kg | 100 | Org-020 | <100 | 1 | <100 | <100 | 0 | 86 | [NT] |
| *Surrogate* o-Terphenyl | % | | Org-020 | 78 | 1 | 75 | 72 | 4 | 76 | [NT] |

| QUALITY CONTROL: PAHs in Soil | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-15 | [NT] |
| Date extracted | - | | | 19/06/2024 | 1 | 19/06/2024 | 19/06/2024 | | 19/06/2024 | [NT] |
| Date analysed | - | | | 19/06/2024 | 1 | 19/06/2024 | 19/06/2024 | | 19/06/2024 | [NT] |
| Naphthalene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 114 | [NT] |
| Acenaphthylene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Acenaphthene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 128 | [NT] |
| Fluorene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 120 | [NT] |
| Phenanthrene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 120 | [NT] |
| Anthracene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Fluoranthene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 114 | [NT] |
| Pyrene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 108 | [NT] |
| Benzo(a)anthracene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Chrysene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 102 | [NT] |
| Benzo(b,j+k)fluoranthene | mg/kg | 0.2 | Org-022/025 | <0.2 | 1 | <0.2 | <0.2 | 0 | [NT] | [NT] |
| Benzo(a)pyrene | mg/kg | 0.05 | Org-022/025 | <0.05 | 1 | <0.05 | <0.05 | 0 | 108 | [NT] |
| Indeno(1,2,3-c,d)pyrene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Dibenzo(a,h)anthracene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Benzo(g,h,i)perylene | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| *Surrogate p*-Terphenyl-d14 | % | | Org-022/025 | 94 | 1 | 94 | 92 | 2 | 93 | [NT] |

| QUALITY CONTROL: Organochlorine Pesticides in soil | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-15 | [NT] |
| Date extracted | - | | | 19/06/2024 | 1 | 19/06/2024 | 19/06/2024 | | 19/06/2024 | [NT] |
| Date analysed | - | | | 19/06/2024 | 1 | 19/06/2024 | 19/06/2024 | | 19/06/2024 | [NT] |
| alpha-BHC | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 118 | [NT] |
| HCB | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| beta-BHC | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 106 | [NT] |
| gamma-BHC | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Heptachlor | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 114 | [NT] |
| delta-BHC | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Aldrin | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 120 | [NT] |
| Heptachlor Epoxide | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 134 | [NT] |
| gamma-Chlordane | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| alpha-chlordane | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Endosulfan I | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| pp-DDE | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 126 | [NT] |
| Dieldrin | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 120 | [NT] |
| Endrin | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 96 | [NT] |
| Endosulfan II | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| pp-DDD | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 94 | [NT] |
| Endrin Aldehyde | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| pp-DDT | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Endosulfan Sulphate | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 98 | [NT] |
| Methoxychlor | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Mirex | mg/kg | 0.1 | Org-022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| *Surrogate* 4-Chloro-3-NBTF | % | | Org-022/025 | 92 | 1 | 90 | 92 | 2 | 92 | [NT] |

| QUALITY CONTROL: PCBs in Soil | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-15 | [NT] |
| Date extracted | - | | | 19/06/2024 | 1 | 19/06/2024 | 19/06/2024 | | 19/06/2024 | [NT] |
| Date analysed | - | | | 19/06/2024 | 1 | 19/06/2024 | 19/06/2024 | | 19/06/2024 | [NT] |
| Aroclor 1016 | mg/kg | 0.1 | Org-021/022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Aroclor 1221 | mg/kg | 0.1 | Org-021/022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Aroclor 1232 | mg/kg | 0.1 | Org-021/022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Aroclor 1242 | mg/kg | 0.1 | Org-021/022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Aroclor 1248 | mg/kg | 0.1 | Org-021/022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| Aroclor 1254 | mg/kg | 0.1 | Org-021/022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | 128 | [NT] |
| Aroclor 1260 | mg/kg | 0.1 | Org-021/022/025 | <0.1 | 1 | <0.1 | <0.1 | 0 | [NT] | [NT] |
| *Surrogate* 2-Fluorobiphenyl | % | | Org-021/022/025 | 92 | 1 | 91 | 92 | 1 | 92 | [NT] |

| QUALITY CONTROL: Acid Extractable metals in soil | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-5 | [NT] |
| Date prepared | - | | | 18/06/2024 | 1 | 18/06/2024 | 18/06/2024 | | 18/06/2024 | [NT] |
| Date analysed | - | | | 19/06/2024 | 1 | 19/06/2024 | 19/06/2024 | | 19/06/2024 | [NT] |
| Arsenic | mg/kg | 4 | Metals-020 | <4 | 1 | 6 | 6 | 0 | 104 | [NT] |
| Cadmium | mg/kg | 0.4 | Metals-020 | <0.4 | 1 | <0.4 | <0.4 | 0 | 98 | [NT] |
| Chromium | mg/kg | 1 | Metals-020 | <1 | 1 | 13 | 13 | 0 | 103 | [NT] |
| Copper | mg/kg | 1 | Metals-020 | <1 | 1 | 15 | 15 | 0 | 105 | [NT] |
| Lead | mg/kg | 1 | Metals-020 | <1 | 1 | 23 | 15 | 42 | 111 | [NT] |
| Mercury | mg/kg | 0.1 | Metals-021 | <0.1 | 1 | <0.1 | <0.1 | 0 | 96 | [NT] |
| Nickel | mg/kg | 1 | Metals-020 | <1 | 1 | 8 | 8 | 0 | 101 | [NT] |
| Zinc | mg/kg | 1 | Metals-020 | <1 | 1 | 20 | 19 | 5 | 106 | [NT] |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| Date prepared | - | | | 18/06/2024 | [NT] | [NT] | [NT] | [NT] | 18/06/2024 | [NT] |
| Date analysed | - | | | 18/06/2024 | [NT] | [NT] | [NT] | [NT] | 18/06/2024 | [NT] |
| Perfluorobutanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 111 | [NT] |
| Perfluoropentanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 106 | [NT] |
| Perfluorohexanesulfonic acid - PFHxS | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| Perfluoroheptanesulfonic acid | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 113 | [NT] |
| Perfluorooctanesulfonic acid PFOS | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 115 | [NT] |
| Perfluorodecanesulfonic acid | µg/kg | 0.2 | Org-029 | <0.2 | [NT] | [NT] | [NT] | [NT] | 115 | [NT] |
| Perfluorobutanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | [NT] | [NT] | [NT] | [NT] | 110 | [NT] |
| Perfluoropentanoic acid | µg/kg | 0.2 | Org-029 | <0.2 | [NT] | [NT] | [NT] | [NT] | 110 | [NT] |
| Perfluorohexanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 116 | [NT] |
| Perfluoroheptanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 107 | [NT] |
| Perfluorooctanoic acid PFOA | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 110 | [NT] |
| Perfluorononanoic acid | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 111 | [NT] |
| Perfluorodecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | [NT] | [NT] | [NT] | [NT] | 107 | [NT] |
| Perfluoroundecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | [NT] | [NT] | [NT] | [NT] | 104 | [NT] |
| Perfluorododecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| Perfluorotridecanoic acid | µg/kg | 0.5 | Org-029 | <0.5 | [NT] | [NT] | [NT] | [NT] | 96 | [NT] |
| Perfluorotetradecanoic acid | µg/kg | 5 | Org-029 | <5 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| 4:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 107 | [NT] |
| 6:2 FTS | µg/kg | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 95 | [NT] |
| 8:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | [NT] | [NT] | [NT] | [NT] | 112 | [NT] |
| 10:2 FTS | µg/kg | 0.2 | Org-029 | <0.2 | [NT] | [NT] | [NT] | [NT] | 118 | [NT] |
| Perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | [NT] | [NT] | [NT] | [NT] | 111 | [NT] |
| N-Methyl perfluorooctane sulfonamide | µg/kg | 1 | Org-029 | <1 | [NT] | [NT] | [NT] | [NT] | 107 | [NT] |
| N-Ethyl perfluorooctanesulfon amide | µg/kg | 1 | Org-029 | <1 | [NT] | [NT] | [NT] | [NT] | 113 | [NT] |
| N-Me perfluorooctanesulfonamid oethanol | µg/kg | 1 | Org-029 | <1 | [NT] | [NT] | [NT] | [NT] | 103 | [NT] |
| N-Et perfluorooctanesulfonamid oethanol | µg/kg | 5 | Org-029 | <5 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| MePerfluorooctanesulf- amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | [NT] | [NT] | [NT] | [NT] | 113 | [NT] |
| EtPerfluorooctanesulf amid oacetic acid | µg/kg | 0.2 | Org-029 | <0.2 | [NT] | [NT] | [NT] | [NT] | 117 | [NT] |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 104 | [NT] | [NT] | [NT] | [NT] | 99 | [NT] |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 97 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | | Org-029 | 93 | [NT] | [NT] | [NT] | [NT] | 98 | [NT] |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | | Org-029 | 100 | [NT] | [NT] | [NT] | [NT] | 99 | [NT] |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | | Org-029 | 99 | [NT] | [NT] | [NT] | [NT] | 98 | [NT] |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | | Org-029 | 104 | [NT] | [NT] | [NT] | [NT] | 102 | [NT] |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | | Org-029 | 104 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | | Org-029 | 94 | [NT] | [NT] | [NT] | [NT] | 95 | [NT] |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | | Org-029 | 104 | [NT] | [NT] | [NT] | [NT] | 102 | [NT] |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | | Org-029 | 103 | [NT] | [NT] | [NT] | [NT] | 97 | [NT] |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | | Org-029 | 102 | [NT] | [NT] | [NT] | [NT] | 97 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | | Org-029 | 99 | [NT] | [NT] | [NT] | [NT] | 98 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | | Org-029 | 111 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | | Org-029 | 111 | [NT] | [NT] | [NT] | [NT] | 105 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | | Org-029 | 127 | [NT] | [NT] | [NT] | [NT] | 125 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | | Org-029 | 98 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | | Org-029 | 109 | [NT] | [NT] | [NT] | [NT] | 110 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | | Org-029 | 107 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | | Org-029 | 105 | [NT] | [NT] | [NT] | [NT] | 102 | [NT] |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | | Org-029 | 102 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | | Org-029 | 104 | [NT] | [NT] | [NT] | [NT] | 102 | [NT] |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | | Org-029 | 105 | [NT] | [NT] | [NT] | [NT] | 102 | [NT] |

| QUALITY CONTROL: PFAS in Soils Extended | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-1 | [NT] |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | | Org-029 | 103 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | | Org-029 | 109 | [NT] | [NT] | [NT] | [NT] | 97 | [NT] |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | | Org-029 | 106 | [NT] | [NT] | [NT] | [NT] | 99 | [NT] |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

## Report Comments

Acid Extractable Metals in Soil: The laboratory RPD acceptance criteria has been exceeded for 354015-1 for Pb. Therefore a triplicate result has been issued as laboratory sample number 354015-10.

Asbestos-ID in soil: NEPM
This report is consistent with the reporting recommendations in the National Environment Protection (Assessment of Site Contamination) Measure, Schedule B1, May 2013. This is reported outside our scope of NATA accreditation.

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 354015-A

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | D Saeed |
| **Address** | Level 1, 50 Margaret St, Sydney, NSW, 2000 |

## Sample Details

| | |
|---|---|
| **Your Reference** | **67299** |
| **Number of Samples** | Additional TCLP analysis |
| **Date samples received** | 14/06/2024 |
| **Date completed instructions received** | 25/06/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

## Report Details

| | |
|---|---|
| **Date results requested by** | 26/06/2024 |
| **Date of Issue** | 26/06/2024 |

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
Amanda Chui, LC/Air Toxics Supervisor

**Authorised By**
Nancy Zhang, Laboratory Manager

| PFAS in TCLP Extended | | |
|---|---|---|
| Our Reference | | 354015-A-2 |
| Your Reference | UNITS | QA20240613_01 |
| Type of sample | | Soil |
| Date prepared | - | 25/06/2024 |
| Date analysed | - | 26/06/2024 |
| pH of soil for fluid# determ. | pH units | 6.9 |
| pH of soil TCLP (after HCl) | pH units | 1.7 |
| Extraction fluid used | | 1 |
| pH of final Leachate | pH units | 5.1 |
| Perfluorobutanesulfonic acid | µg/L | <0.01 |
| Perfluoropentanesulfonic acid | µg/L | <0.01 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | <0.01 |
| Perfluoroheptanesulfonic acid | µg/L | <0.01 |
| Perfluorooctanesulfonic acid PFOS | µg/L | <0.01 |
| Perfluorodecanesulfonic acid | µg/L | <0.02 |
| Perfluorobutanoic acid | µg/L | <0.02 |
| Perfluoropentanoic acid | µg/L | <0.02 |
| Perfluorohexanoic acid | µg/L | <0.01 |
| Perfluoroheptanoic acid | µg/L | <0.01 |
| Perfluorooctanoic acid PFOA | µg/L | <0.01 |
| Perfluorononanoic acid | µg/L | <0.01 |
| Perfluorodecanoic acid | µg/L | <0.02 |
| Perfluoroundecanoic acid | µg/L | <0.02 |
| Perfluorododecanoic acid | µg/L | <0.05 |
| Perfluorotridecanoic acid | µg/L | <0.1 |
| Perfluorotetradecanoic acid | µg/L | <0.5 |
| 4:2 FTS | µg/L | <0.01 |
| 6:2 FTS | µg/L | <0.01 |
| 8:2 FTS | µg/L | <0.02 |
| 10:2 FTS | µg/L | <0.02 |
| Perfluorooctane sulfonamide | µg/L | <0.1 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 |
| MePerfluorooctanesulf- amid oacetic aci | µg/L | <0.02 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.02 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 102 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 99 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 102 |

| PFAS in TCLP Extended | | |
|---|---|---|
| Our Reference | | 354015-A-2 |
| Your Reference | UNITS | QA20240613_01 |
| Type of sample | | Soil |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 99 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 101 |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | 105 |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 101 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 101 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 104 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 107 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 118 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 113 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 120 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 128 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 122 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | 80 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | 90 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | 116 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 111 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 103 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 106 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 101 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 103 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 112 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 121 |
| Total Positive PFHxS & PFOS | µg/L | <0.01 |
| Total Positive PFOS & PFOA | µg/L | <0.01 |
| Total Positive PFAS | µg/L | <0.01 |

| Method ID | Methodology Summary |
|---|---|
| **Inorg-004** | Toxicity Characteristic Leaching Procedure (TCLP) using AS 4439.<br><br>Please note that the mass used may be scaled down from default based on sample mass available.<br><br>Samples are stored at 2-6oC before and after leachate preparation. |
| **Org-029** | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: PFAS in TCLP Extended | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date prepared | - | | | 25/06/2024 | [NT] | [NT] | [NT] | [NT] | 25/06/2024 | [NT] |
| Date analysed | - | | | 26/06/2024 | [NT] | [NT] | [NT] | [NT] | 26/06/2024 | [NT] |
| Perfluorobutanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 97 | [NT] |
| Perfluoropentanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 91 | [NT] |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 91 | [NT] |
| Perfluoroheptanesulfonic acid | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 98 | [NT] |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 96 | [NT] |
| Perfluorodecanesulfonic acid | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 110 | [NT] |
| Perfluorobutanoic acid | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 95 | [NT] |
| Perfluoropentanoic acid | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 94 | [NT] |
| Perfluorohexanoic acid | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 96 | [NT] |
| Perfluoroheptanoic acid | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 96 | [NT] |
| Perfluorooctanoic acid PFOA | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 93 | [NT] |
| Perfluorononanoic acid | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 95 | [NT] |
| Perfluorodecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| Perfluoroundecanoic acid | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 104 | [NT] |
| Perfluorododecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| Perfluorotridecanoic acid | µg/L | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 95 | [NT] |
| Perfluorotetradecanoic acid | µg/L | 0.5 | Org-029 | <0.5 | [NT] | [NT] | [NT] | [NT] | 92 | [NT] |
| 4:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |
| 6:2 FTS | µg/L | 0.01 | Org-029 | <0.01 | [NT] | [NT] | [NT] | [NT] | 103 | [NT] |
| 8:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |
| 10:2 FTS | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 75 | [NT] |
| Perfluorooctane sulfonamide | µg/L | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 107 | [NT] |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | [NT] | [NT] | [NT] | [NT] | 95 | [NT] |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | [NT] | [NT] | [NT] | [NT] | 107 | [NT] |
| MePerfluorooctanesulf- amid oacetic aci | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 96 | [NT] |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.02 | Org-029 | <0.02 | [NT] | [NT] | [NT] | [NT] | 99 | [NT] |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 103 | [NT] | [NT] | [NT] | [NT] | 102 | [NT] |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 100 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |

| QUALITY CONTROL: PFAS in TCLP Extended | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | | Org-029 | 99 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | | Org-029 | 98 | [NT] | [NT] | [NT] | [NT] | 104 | [NT] |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | | Org-029 | 101 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | | Org-029 | 92 | [NT] | [NT] | [NT] | [NT] | 89 | [NT] |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | | Org-029 | 90 | [NT] | [NT] | [NT] | [NT] | 89 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | | Org-029 | 96 | [NT] | [NT] | [NT] | [NT] | 94 | [NT] |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | | Org-029 | 102 | [NT] | [NT] | [NT] | [NT] | 102 | [NT] |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | | Org-029 | 104 | [NT] | [NT] | [NT] | [NT] | 102 | [NT] |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | | Org-029 | 115 | [NT] | [NT] | [NT] | [NT] | 114 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | | Org-029 | 114 | [NT] | [NT] | [NT] | [NT] | 111 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | | Org-029 | 118 | [NT] | [NT] | [NT] | [NT] | 112 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | | Org-029 | 125 | [NT] | [NT] | [NT] | [NT] | 125 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | | Org-029 | 135 | [NT] | [NT] | [NT] | [NT] | 132 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | | Org-029 | 75 | [NT] | [NT] | [NT] | [NT] | 83 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | | Org-029 | 84 | [NT] | [NT] | [NT] | [NT] | 93 | [NT] |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | | Org-029 | 109 | [NT] | [NT] | [NT] | [NT] | 127 | [NT] |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | | Org-029 | 110 | [NT] | [NT] | [NT] | [NT] | 106 | [NT] |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | | Org-029 | 102 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | | Org-029 | 107 | [NT] | [NT] | [NT] | [NT] | 103 | [NT] |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | | Org-029 | 103 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |

| QUALITY CONTROL: PFAS in TCLP Extended | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | | Org-029 | 104 | [NT] | [NT] | [NT] | [NT] | 98 | [NT] |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | | Org-029 | 115 | [NT] | [NT] | [NT] | [NT] | 109 | [NT] |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | | Org-029 | 107 | [NT] | [NT] | [NT] | [NT] | 114 | [NT] |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

**Anna Bui**

**From:** Stuart Chen
**Sent:** Tuesday, 25 June 2024 3:58 PM
**To:** Daniel Saeed; Samplereceipt
**Cc:** Jessica Staehli
**Subject:** RE: Results for Registration 354015 67299

Hi Daniel,

No worries.

@Samplereceipt Please note Urgent A-job .

BLS MBF: 354015-A
TAT: 1 DAY
DUE: 26/6/24
AB.

**Kind Regards,**

**Stuart Chen | Reporting Coordinator | Envirolab Services**

**Great Science. Great Service.**

12 Ashley Street Chatswood NSW 2067
T 612 9910 6200
E SChen2@envirolab.com.au | **W** www.envirolab.com.au

**Follow us on:** LinkedIn | Facebook | Twitter

**Samples will be analysed per our T&C's.**

---

**From:** Daniel Saeed <dsaeed@jbsg.com.au>
**Sent:** Tuesday, June 25, 2024 3:52 PM
**To:** Stuart Chen <SChen2@envirolab.com.au>
**Cc:** Jessica Staehli <JStaehli@jbsg.com.au>
**Subject:** RE: Results for Registration 354015 67299

**CAUTION:** This email originated from outside of the organisation. Do not act on instructions, click links or open attachments unless you recognise the sender and know the content is authentic and safe.

Hi Stuart, Can I please schedule TCLP PFAS on the following sample, 24hr TAT.

2

QA20240613_01

Thanks

**Daniel Saeed | Project Consultant | JBS&G**
Gadigal Country | 50 Margaret Street, Sydney, NSW
T: 02 8245 0300 | M: 0452 392 909 | E: dsaeed@jbsg.com.au | W: jbsg.com.au | L: Conditions and Limitations

*Exceptional Outcomes*

---

**From:** Stuart Chen <SChen2@envirolab.com.au>
**Sent:** Friday, June 21, 2024 7:09 PM
**To:** JBSG Labresults <jbsglabresults@jbsg.com.au>; S&G Labresults <labresults@jbsg.com.au>; AdminNSW <adminNSW@jbsg.com.au>; Daniel Saeed <dsaeed@jbsg.com.au>
**Subject:** Results for Registration 354015 67299

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

# SAMPLE RECEIPT ADVICE

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | D Saeed |

## Sample Login Details

| | |
|---|---|
| **Your reference** | 67299 |
| **Envirolab Reference** | 354015-A |
| **Date Sample Received** | 14/06/2024 |
| **Date Instructions Received** | 25/06/2024 |
| **Date Results Expected to be Reported** | 26/06/2024 |

## Sample Condition

| | |
|---|---|
| **Samples received in appropriate condition for analysis** | Yes |
| **No. of Samples Provided** | Additional TCLP analysis |
| **Turnaround Time Requested** | 1 day |
| **Temperature on Receipt (°C)** | 4 |
| **Cooling Method** | None |
| **Sampling Date Provided** | YES |

## Comments

Nil

Please direct any queries to:

| Aileen Hie | Jacinta Hurst |
|---|---|
| **Phone: 02 9910 6200** | **Phone: 02 9910 6200** |
| **Fax: 02 9910 6201** | **Fax: 02 9910 6201** |
| **Email: ahie@envirolab.com.au** | **Email: jhurst@envirolab.com.au** |

*Analysis Underway, details on the following page:*

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

| Sample ID | PFAS in TCLP Extended | On Hold |
|---|---|---|
| QA01 | | ✓ |
| QA20240613_01 | ✓ | |
| QA20240613_02 | | ✓ |
| QAAQ2024DG13_01 | | ✓ |
| QAAQ2024DG13_02 | | ✓ |
| QAAQ2024DG13_03 | | ✓ |
| QA20240613_03 | | ✓ |
| QA03 | | ✓ |
| QA04 | | ✓ |
| QA01 - [TRIPLICATE] | | ✓ |

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

## Additional Info

| |
|---|
| Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt. |
| Requests for longer term sample storage must be received in writing. |
| Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default. |
| TAT for Micro is dependent on incubation. This varies from 3 to 6 days. |

COC 17/6/24 1112

# Chain of Custody

JBS&G

PROJECT NO.: 67299
PROJECT NAME: Hunting wood
DATE NEEDED BY: STD
PHONE: Sydney 02 8245 0300 | Perth 08 9488 0100 | Brisbane 07 3112 2688 | Melbourne 03 9642 0599 | Adelaide 08 8431 7113
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) dsaeed@jbsg.com.au; (3) .....@jbsg.com.au
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

LABORATORY BATCH NO.:
SAMPLERS: AFI/ERI/DS
QC LEVEL: NEPM (2013)

| | SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | Heavy Metals | TRH | BTEX | PAHs | OCP | PCBs | PFAS | Asbestos | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | QA01 | Soil | | | B+D+T+ice | | X | X | X | X | | | X | | | | |
| 2 | QA20240613-01 | ↓ | | | D+T+ice | | X | | | X | | | X | | | | |
| 3 | ↓ 02 | | | | ↓ | | X | X | X | | X | X | | | | | |
| 4 | QAAQ20240613_01 | | | | Bag | | | | | | | | X | | | | |
| 5 | ↓ 02 | | | | ↓ | | | | | | | | X | | | | |
| 6 | ↓ 03 | | | | D+T+ice | | | | | | | | | | X | | |
| 7 | QA20240613-03 | | | | B+D+ice | | | | | X | | | | | X | | |
| 8 | QA02 | | | | Bag TT. | | | | | X | X | | | | X | | |
| 1.1.9 | QA04 T.T.A.C.M | | | | | | | | | | | | | | | | |

ENVIROLAB Group
Envirolab Services
12 Ashley St
Chatswood NSW 2067
Ph: (02) 9910 6200
Job No: 354015
Date Received: 14/06/24
Time Received: 16:05
Received By: TT
Temp: Cool/Ambient
Cooling: Ice/Icepack
Security: Intact/Broken/None

RELINQUISHED BY:
NAME: David Saeed DATE: 17-06-2024
OF: JBS&G
NAME: DATE:

METHOD OF SHIPMENT:
CONSIGNMENT NOTE NO.
TRANSPORT CO.
CONSIGNMENT NOTE NO.
TRANSPORT CO

RECEIVED BY:
NAME:
DATE:
OF:
NAME: DATE:
OF:

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No..... Intact..... Broken .....
COOLER TEMP ..... deg C
COOLER SEAL – Yes..... No..... Intact..... Broken .....
COOLER TEMP..... deg C

Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

# SAMPLE RECEIPT ADVICE

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | D Saeed |

## Sample Login Details

| | |
|---|---|
| **Your reference** | 67299 |
| **Envirolab Reference** | 354015 |
| **Date Sample Received** | 14/06/2024 |
| **Date Instructions Received** | 17/06/2024 |
| **Date Results Expected to be Reported** | 24/06/2024 |

## Sample Condition

| | |
|---|---|
| **Samples received in appropriate condition for analysis** | Yes |
| **No. of Samples Provided** | 9 Soil |
| **Turnaround Time Requested** | Standard |
| **Temperature on Receipt (°C)** | 4 |
| **Cooling Method** | None |
| **Sampling Date Provided** | YES |

## Comments

Received QA03 instead of QA02
Received extra QA04

Please direct any queries to:

| Aileen Hie | Jacinta Hurst |
|---|---|
| **Phone: 02 9910 6200** | **Phone: 02 9910 6200** |
| **Fax: 02 9910 6201** | **Fax: 02 9910 6201** |
| **Email: ahie@envirolab.com.au** | **Email: jhurst@envirolab.com.au** |

*Analysis Underway, details on the following page:*

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

| Sample ID | vTRH(C6-C10)/BTEXN in Soil | svTRH (C10-C40) in Soil | PAHs in Soil | Organochlorine Pesticides in soil | PCBs in Soil | Acid Extractable metalsin soil | Asbestos ID - soils NEPM - ASB-001 | PFAS in Soils Extended | On Hold |
|---|---|---|---|---|---|---|---|---|---|
| QA01 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | |
| QA20240613_01 | | | ✓ | | | ✓ | | ✓ | |
| QA20240613_02 | ✓ | ✓ | | ✓ | ✓ | ✓ | | | |
| QAAQ2024DG13_01 | | | | | | | ✓ | | |
| QAAQ2024DG13_02 | | | | | | | ✓ | | |
| QAAQ2024DG13_03 | | | | | | | ✓ | | |
| QA20240613_03 | | | ✓ | | | | | | |
| QA03 | | | | | | | | | ✓ |
| QA04 | | | | | | | | | ✓ |

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

## Additional Info

| |
|---|
| Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt. |
| Requests for longer term sample storage must be received in writing. |
| Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default. |
| TAT for Micro is dependent on incubation. This varies from 3 to 6 days. |

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

# CERTIFICATE OF ANALYSIS 354361

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | D Saeed |
| **Address** | Level 1, 50 Margaret St, Sydney, NSW, 2000 |

## Sample Details

| | |
|---|---|
| **Your Reference** | **67299 - Huntingwood** |
| **Number of Samples** | 2 Water |
| **Date samples received** | 19/06/2024 |
| **Date completed instructions received** | 19/06/2024 |

## Analysis Details

Please refer to the following pages for results, methodology summary and quality control data.

Samples were analysed as received from the client. Results relate specifically to the samples as received.

Results are reported on a dry weight basis for solids and on an as received basis for other matrices.

**Please refer to the last page of this report for any comments relating to the results.**

## Report Details

| | |
|---|---|
| **Date results requested by** | 26/06/2024 |
| **Date of Issue** | 26/06/2024 |

NATA Accreditation Number 2901. This document shall not be reproduced except in full.

Accredited for compliance with ISO/IEC 17025 - Testing. **Tests not covered by NATA are denoted with ***

**Results Approved By**
Amanda Chui, LC/Air Toxics Supervisor
Diego Bigolin, Inorganics Supervisor
Giovanni Agosti, Group Technical Manager
Jack Wallis, Chemist (FAS)
Timothy Toll, Senior Chemist

**Authorised By**
Nancy Zhang, Laboratory Manager

| VOCs in water | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| Date Extracted | - | 21/06/2024 | 21/06/2024 |
| Date Analysed | - | 24/06/2024 | 24/06/2024 |
| Dichlorodifluoromethane | µg/L | <10 | <10 |
| Chloromethane | µg/L | <10 | <10 |
| Vinyl Chloride | µg/L | <10 | <10 |
| Bromomethane | µg/L | <10 | <10 |
| Chloroethane | µg/L | <10 | <10 |
| Trichlorofluoromethane | µg/L | <10 | <10 |
| 1,1-Dichloroethene | µg/L | <1 | <1 |
| Trans-1,2-dichloroethene | µg/L | <1 | <1 |
| 1,1-dichloroethane | µg/L | <1 | <1 |
| Cis-1,2-dichloroethene | µg/L | <1 | <1 |
| Bromochloromethane | µg/L | <1 | <1 |
| Chloroform | µg/L | <1 | <1 |
| 2,2-dichloropropane | µg/L | <1 | <1 |
| 1,2-dichloroethane | µg/L | <1 | <1 |
| 1,1,1-trichloroethane | µg/L | <1 | <1 |
| 1,1-dichloropropene | µg/L | <1 | <1 |
| Cyclohexane | µg/L | <1 | <1 |
| Carbon tetrachloride | µg/L | <1 | <1 |
| Benzene | µg/L | <1 | <1 |
| Dibromomethane | µg/L | <1 | <1 |
| 1,2-dichloropropane | µg/L | <1 | <1 |
| Trichloroethene | µg/L | <1 | <1 |
| Bromodichloromethane | µg/L | <1 | <1 |
| trans-1,3-dichloropropene | µg/L | <1 | <1 |
| cis-1,3-dichloropropene | µg/L | <1 | <1 |
| 1,1,2-trichloroethane | µg/L | <1 | <1 |
| Toluene | µg/L | <1 | <1 |
| 1,3-dichloropropane | µg/L | <1 | <1 |
| Dibromochloromethane | µg/L | <1 | <1 |
| 1,2-dibromoethane | µg/L | <1 | <1 |
| Tetrachloroethene | µg/L | <1 | <1 |
| 1,1,1,2-tetrachloroethane | µg/L | <1 | <1 |
| Chlorobenzene | µg/L | <1 | <1 |
| Ethylbenzene | µg/L | <1 | <1 |

| VOCs in water | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| Bromoform | µg/L | <1 | <1 |
| m+p-xylene | µg/L | <2 | <2 |
| Styrene | µg/L | <1 | <1 |
| 1,1,2,2-tetrachloroethane | µg/L | <1 | <1 |
| o-xylene | µg/L | <1 | <1 |
| 1,2,3-trichloropropane | µg/L | <1 | <1 |
| Isopropylbenzene | µg/L | <1 | <1 |
| Bromobenzene | µg/L | <1 | <1 |
| n-propyl benzene | µg/L | <1 | <1 |
| 2-chlorotoluene | µg/L | <1 | <1 |
| 4-chlorotoluene | µg/L | <1 | <1 |
| 1,3,5-trimethyl benzene | µg/L | <1 | <1 |
| Tert-butyl benzene | µg/L | <1 | <1 |
| 1,2,4-trimethyl benzene | µg/L | <1 | <1 |
| 1,3-dichlorobenzene | µg/L | <1 | <1 |
| Sec-butyl benzene | µg/L | <1 | <1 |
| 1,4-dichlorobenzene | µg/L | <1 | <1 |
| 4-isopropyl toluene | µg/L | <1 | <1 |
| 1,2-dichlorobenzene | µg/L | <1 | <1 |
| n-butyl benzene | µg/L | <1 | <1 |
| 1,2-dibromo-3-chloropropane | µg/L | <1 | <1 |
| 1,2,4-trichlorobenzene | µg/L | <1 | <1 |
| Hexachlorobutadiene | µg/L | <1 | <1 |
| 1,2,3-trichlorobenzene | µg/L | <1 | <1 |
| *Surrogate* Dibromofluoromethane | % | 109 | 113 |
| *Surrogate* Toluene-d8 | % | 99 | 99 |
| *Surrogate* 4-Bromofluorobenzene | % | 97 | 95 |

| vTRH(C6-C10)/BTEXN in Water | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| Date extracted | - | 21/06/2024 | 21/06/2024 |
| Date analysed | - | 24/06/2024 | 24/06/2024 |
| TRH $C_6$ - $C_9$ | µg/L | <10 | <10 |
| TRH $C_6$ - $C_{10}$ | µg/L | <10 | <10 |
| TRH $C_6$ - $C_{10}$ less BTEX (F1) | µg/L | <10 | <10 |
| Benzene | µg/L | <1 | <1 |
| Toluene | µg/L | <1 | <1 |
| Ethylbenzene | µg/L | <1 | <1 |
| m+p-xylene | µg/L | <2 | <2 |
| o-xylene | µg/L | <1 | <1 |
| Naphthalene | µg/L | <1 | <1 |
| *Surrogate* Dibromofluoromethane | % | 109 | 113 |
| *Surrogate* Toluene-d8 | % | 99 | 99 |
| *Surrogate* 4-Bromofluorobenzene | % | 97 | 95 |

| svTRH (C10-C40) in Water | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| Date extracted | - | 21/06/2024 | 21/06/2024 |
| Date analysed | - | 22/06/2024 | 22/06/2024 |
| TRH $C_{10}$ - $C_{14}$ | µg/L | <50 | <50 |
| TRH $C_{15}$ - $C_{28}$ | µg/L | <100 | <100 |
| TRH $C_{29}$ - $C_{36}$ | µg/L | <100 | <100 |
| Total +ve TRH (C10-C36) | µg/L | <50 | <50 |
| TRH >$C_{10}$ - $C_{16}$ | µg/L | <50 | <50 |
| TRH >$C_{10}$ - $C_{16}$ less Naphthalene (F2) | µg/L | <50 | <50 |
| TRH >$C_{16}$ - $C_{34}$ | µg/L | <100 | <100 |
| TRH >$C_{34}$ - $C_{40}$ | µg/L | <100 | <100 |
| Total +ve TRH (>C10-C40) | µg/L | <50 | <50 |
| *Surrogate* o-Terphenyl | % | 105 | 105 |

| HM in water - dissolved | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| Date prepared | - | 25/06/2024 | 25/06/2024 |
| Date analysed | - | 25/06/2024 | 25/06/2024 |
| Arsenic-Dissolved | µg/L | <1 | <1 |
| Cadmium-Dissolved | µg/L | <0.1 | <0.1 |
| Chromium-Dissolved | µg/L | <1 | <1 |
| Copper-Dissolved | µg/L | 1 | <1 |
| Lead-Dissolved | µg/L | <1 | <1 |
| Mercury-Dissolved | µg/L | <0.05 | <0.05 |
| Nickel-Dissolved | µg/L | 5 | 4 |
| Zinc-Dissolved | µg/L | 14 | 4 |

| Miscellaneous Inorganics | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| Date prepared | - | 20/06/2024 | 20/06/2024 |
| Date analysed | - | 20/06/2024 | 20/06/2024 |
| pH | pH Units | 6.4 | 6.9 |
| Electrical Conductivity | µS/cm | 10,000 | 20,000 |
| Total Dissolved Solids (grav) | mg/L | 6,900 | 14,000 |

| PFAS in Waters Trace Extended | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| Date prepared | - | 21/06/2024 | 21/06/2024 |
| Date analysed | - | 21/06/2024 | 21/06/2024 |
| Perfluorobutanesulfonic acid | µg/L | 0.001 | <0.0004 |
| Perfluoropentanesulfonic acid | µg/L | <0.001 | <0.001 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.001 | <0.0002 |
| Perfluoroheptanesulfonic acid | µg/L | <0.001 | <0.001 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.0031 | <0.0002 |
| Perfluorodecanesulfonic acid | µg/L | <0.002 | <0.002 |
| Perfluorobutanoic acid | µg/L | <0.02 | <0.01 |
| Perfluoropentanoic acid | µg/L | 0.002 | <0.002 |
| Perfluorohexanoic acid | µg/L | 0.002 | <0.0004 |
| Perfluoroheptanoic acid | µg/L | 0.0008 | <0.0004 |
| Perfluorooctanoic acid PFOA | µg/L | 0.002 | <0.0002 |
| Perfluorononanoic acid | µg/L | <0.001 | <0.001 |
| Perfluorodecanoic acid | µg/L | <0.002 | <0.002 |
| Perfluoroundecanoic acid | µg/L | <0.002 | <0.002 |
| Perfluorododecanoic acid | µg/L | <0.005 | <0.005 |
| Perfluorotridecanoic acid | µg/L | <0.01 | <0.01 |
| Perfluorotetradecanoic acid | µg/L | <0.05 | <0.05 |
| 4:2 FTS | µg/L | <0.001 | <0.001 |
| 6:2 FTS | µg/L | <0.0004 | <0.0004 |
| 8:2 FTS | µg/L | <0.0004 | <0.0004 |
| 10:2 FTS | µg/L | <0.002 | <0.002 |
| Perfluorooctane sulfonamide | µg/L | <0.01 | <0.01 |
| N-Methyl perfluorooctane sulfonamide | µg/L | <0.05 | <0.05 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | <0.1 | <0.1 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | <0.05 | <0.05 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | <0.5 | <0.5 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | <0.002 | <0.002 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | <0.002 | <0.002 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | 100 | 102 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | 94 | 94 |
| *Extracted ISTD* $^{13}C_3$ *PFBS* | % | 85 | 88 |
| *Extracted ISTD* $^{18}O_2$ *PFHxS* | % | 86 | 89 |
| *Extracted ISTD* $^{13}C_4$ *PFOS* | % | 82 | 74 |
| *Extracted ISTD* $^{13}C_4$ *PFBA* | % | # | 38 |

| PFAS in Waters Trace Extended | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| *Extracted ISTD* $^{13}C_3$ *PFPeA* | % | 52 | 82 |
| *Extracted ISTD* $^{13}C_2$ *PFHxA* | % | 73 | 90 |
| *Extracted ISTD* $^{13}C_4$ *PFHpA* | % | 92 | 107 |
| *Extracted ISTD* $^{13}C_4$ *PFOA* | % | 101 | 107 |
| *Extracted ISTD* $^{13}C_5$ *PFNA* | % | 101 | 96 |
| *Extracted ISTD* $^{13}C_2$ *PFDA* | % | 106 | 89 |
| *Extracted ISTD* $^{13}C_2$ *PFUnDA* | % | 125 | 108 |
| *Extracted ISTD* $^{13}C_2$ *PFDoDA* | % | 132 | 102 |
| *Extracted ISTD* $^{13}C_2$ *PFTeDA* | % | 162 | 177 |
| *Extracted ISTD* $^{13}C_2$ *4:2FTS* | % | # | 111 |
| *Extracted ISTD* $^{13}C_2$ *6:2FTS* | % | # | 126 |
| *Extracted ISTD* $^{13}C_2$ *8:2FTS* | % | # | 120 |
| *Extracted ISTD* $^{13}C_8$ *FOSA* | % | 77 | 68 |
| *Extracted ISTD* $d_3$ *N MeFOSA* | % | 98 | 95 |
| *Extracted ISTD* $d_5$ *N EtFOSA* | % | 96 | 99 |
| *Extracted ISTD* $d_7$ *N MeFOSE* | % | 97 | 95 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | 94 | 96 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | 116 | 85 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | 115 | 80 |
| Total Positive PFHxS & PFOS | µg/L | 0.0042 | <0.0002 |
| Total Positive PFOS & PFOA | µg/L | 0.0046 | <0.0002 |
| Total Positive PFAS | µg/L | 0.012 | <0.0002 |

| Ion Balance | | | |
|---|---|---|---|
| Our Reference | | 354361-1 | 354361-2 |
| Your Reference | UNITS | QC01_20240617 | QC02_20240617 |
| Date Sampled | | 17/06/2024 | 17/06/2024 |
| Type of sample | | Water | Water |
| Date prepared | - | 20/06/2024 | 20/06/2024 |
| Date analysed | - | 20/06/2024 | 20/06/2024 |
| Calcium - Dissolved | mg/L | 87 | 150 |
| Potassium - Dissolved | mg/L | 4 | 32 |
| Sodium - Dissolved | mg/L | 1,600 | 3,600 |
| Magnesium - Dissolved | mg/L | 240 | 550 |
| Hardness (calc) equivalent $CaCO_3$ | mg/L | 1,200 | 2,700 |
| Hydroxide Alkalinity ($OH^-$) as $CaCO_3$ | mg/L | <5 | <5 |
| Bicarbonate Alkalinity as $CaCO_3$ | mg/L | 250 | 1,000 |
| Carbonate Alkalinity as $CaCO_3$ | mg/L | <5 | <5 |
| Total Alkalinity as $CaCO_3$ | mg/L | 250 | 1,000 |
| Sulphate, SO4 | mg/L | 290 | 530 |
| Chloride, Cl | mg/L | 3,200 | 6,600 |
| Ionic Balance | % | -3.0 | -2.0 |

| Method ID | Methodology Summary |
|---|---|
| **Inorg-001** | pH - Measured using pH meter and electrode. Please note that the results for water analyses are indicative only, as analysis outside of the APHA storage times. |
| **Inorg-002** | Conductivity and Salinity - measured using a conductivity cell. |
| **Inorg-006** | Alkalinity - determined titrimetrically in accordance with APHA latest edition, 2320-B. |
| **Inorg-018** | Total Dissolved Solids - determined gravimetrically. The solids are dried at 180+/-10°C.<br><br>NOTE: Where the EC of the sample is <100µS/cm, the TDS will typically be below 70mg/L (as the sample is very likely to be at least drinking water quality). Therefore to ensure data quality for TDS, the TDS is typically calculated as per the equation below:-<br><br>TDS = EC * 0.6 |
| **Inorg-040** | The concentrations of the major ions (mg/L) are converted to milliequivalents and summed. The ionic balance should be within +/- 15% ie total anions = total cations +/-15%. |
| **Inorg-081** | Anions - a range of Anions are determined by Ion Chromatography, in accordance with APHA latest edition, 4110-B. Waters samples are filtered on receipt prior to analysis.<br>Alternatively determined by colourimetry/turbidity using Discrete Analyser. |
| **Metals-020** | Determination of various metals by ICP-AES. |
| **Metals-021** | Determination of Mercury by Cold Vapour AAS. |
| **Metals-022** | Determination of various metals by ICP-MS.<br><br>Please note for Bromine and Iodine, any forms of these elements that are present are included together in the one result reported for each of these two elements.<br><br>Salt forms (e.g. FeO, PbO, ZnO) are determined stoichiometrically from the base metal concentration. |
| **Org-020** | Soil samples are extracted with Dichloromethane/Acetone and waters with Dichloromethane and analysed by GC-FID.<br>F2 = (>C10-C16)-Naphthalene as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater (HSLs Tables 1A (3, 4)). Note Naphthalene is determined from the VOC analysis. |
| **Org-023** | Water samples are analysed directly by purge and trap GC-MS. |
| **Org-023** | Soil samples are extracted with methanol and spiked into water prior to analysing by purge and trap GC-MS. Water samples are analysed directly by purge and trap GC-MS. F1 = (C6-C10)-BTEX as per NEPM B1 Guideline on Investigation Levels for Soil and Groundwater. |

| Method ID | Methodology Summary |
|---|---|
| **Org-029** | Soil samples are extracted with basified Methanol. Waters and soil extracts are directly injected and/or concentrated/extracted using SPE. TCLPs/ASLP leachates are centrifuged, the supernatant is then analysed (including amendment with solvent) - as per the option in AS4439.3.<br><br>Analysis is undertaken with LC-MS/MS.<br><br>PFAS results include the sum of branched and linear isomers where applicable.<br><br>Please note that PFAS results are corrected for Extracted Internal Standards (QSM 5.4 Table B-15 terminology), which are mass labelled analytes added prior to sample preparation to assess matrix effects and verify processing of the sample. PFAS analytes without a commercially available mass labelled analogue are corrected vs a closely eluting mass labelled PFAS compound. Surrogates are also reported, in this context they are mass labelled PFAS compounds added prior to extraction but are used as monitoring compounds only (not used for result correction). Envicarb (or similar) is used discretionally to remove interfering matrix components.<br><br>Please contact the laboratory if estimates of Measurement Uncertainty are required as per WA DER. |

| QUALITY CONTROL: VOCs in water | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date Extracted | - | | | 21/06/2024 | [NT] | [NT] | [NT] | [NT] | 21/06/2024 | [NT] |
| Date Analysed | - | | | 24/06/2024 | [NT] | [NT] | [NT] | [NT] | 24/06/2024 | [NT] |
| Dichlorodifluoromethane | µg/L | 10 | Org-023 | <10 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Chloromethane | µg/L | 10 | Org-023 | <10 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Vinyl Chloride | µg/L | 10 | Org-023 | <10 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Bromomethane | µg/L | 10 | Org-023 | <10 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Chloroethane | µg/L | 10 | Org-023 | <10 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Trichlorofluoromethane | µg/L | 10 | Org-023 | <10 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,1-Dichloroethene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Trans-1,2-dichloroethene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,1-dichloroethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 89 | [NT] |
| Cis-1,2-dichloroethene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Bromochloromethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Chloroform | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 92 | [NT] |
| 2,2-dichloropropane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,2-dichloroethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 89 | [NT] |
| 1,1,1-trichloroethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 95 | [NT] |
| 1,1-dichloropropene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Cyclohexane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Carbon tetrachloride | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Benzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 87 | [NT] |
| Dibromomethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,2-dichloropropane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Trichloroethene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 88 | [NT] |
| Bromodichloromethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 116 | [NT] |
| trans-1,3-dichloropropene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| cis-1,3-dichloropropene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,1,2-trichloroethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Toluene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 88 | [NT] |
| 1,3-dichloropropane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Dibromochloromethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 111 | [NT] |
| 1,2-dibromoethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Tetrachloroethene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 90 | [NT] |
| 1,1,1,2-tetrachloroethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Chlorobenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Ethylbenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 85 | [NT] |
| Bromoform | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| m+p-xylene | µg/L | 2 | Org-023 | <2 | [NT] | [NT] | [NT] | [NT] | 88 | [NT] |
| Styrene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,1,2,2-tetrachloroethane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |

| QUALITY CONTROL: VOCs in water | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| o-xylene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 87 | [NT] |
| 1,2,3-trichloropropane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Isopropylbenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Bromobenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| n-propyl benzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 2-chlorotoluene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 4-chlorotoluene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,3,5-trimethyl benzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Tert-butyl benzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,2,4-trimethyl benzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,3-dichlorobenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Sec-butyl benzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,4-dichlorobenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 4-isopropyl toluene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,2-dichlorobenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| n-butyl benzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,2-dibromo-3-chloropropane | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,2,4-trichlorobenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Hexachlorobutadiene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| 1,2,3-trichlorobenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| *Surrogate* Dibromofluoromethane | % | | Org-023 | 106 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| *Surrogate* Toluene-d8 | % | | Org-023 | 99 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| *Surrogate* 4-Bromofluorobenzene | % | | Org-023 | 98 | [NT] | [NT] | [NT] | [NT] | 107 | [NT] |

| QUALITY CONTROL: vTRH(C6-C10)/BTEXN in Water | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date extracted | - | | | 21/06/2024 | [NT] | [NT] | [NT] | [NT] | 21/06/2024 | [NT] |
| Date analysed | - | | | 24/06/2024 | [NT] | [NT] | [NT] | [NT] | 24/06/2024 | [NT] |
| TRH $C_6$ - $C_9$ | µg/L | 10 | Org-023 | <10 | [NT] | [NT] | [NT] | [NT] | 87 | [NT] |
| TRH $C_6$ - $C_{10}$ | µg/L | 10 | Org-023 | <10 | [NT] | [NT] | [NT] | [NT] | 87 | [NT] |
| Benzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 87 | [NT] |
| Toluene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 88 | [NT] |
| Ethylbenzene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 85 | [NT] |
| m+p-xylene | µg/L | 2 | Org-023 | <2 | [NT] | [NT] | [NT] | [NT] | 88 | [NT] |
| o-xylene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | 87 | [NT] |
| Naphthalene | µg/L | 1 | Org-023 | <1 | [NT] | [NT] | [NT] | [NT] | <1 | [NT] |
| *Surrogate* Dibromofluoromethane | % | | Org-023 | 106 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| *Surrogate* Toluene-d8 | % | | Org-023 | 99 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| *Surrogate* 4-Bromofluorobenzene | % | | Org-023 | 98 | [NT] | [NT] | [NT] | [NT] | 107 | [NT] |

| QUALITY CONTROL: svTRH (C10-C40) in Water | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W2 | [NT] |
| Date extracted | - | | | 21/06/2024 | [NT] | [NT] | [NT] | [NT] | 21/06/2024 | [NT] |
| Date analysed | - | | | 22/06/2024 | [NT] | [NT] | [NT] | [NT] | 22/06/2024 | [NT] |
| TRH $C_{10}$ - $C_{14}$ | µg/L | 50 | Org-020 | <50 | [NT] | [NT] | [NT] | [NT] | 105 | [NT] |
| TRH $C_{15}$ - $C_{28}$ | µg/L | 100 | Org-020 | <100 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| TRH $C_{29}$ - $C_{36}$ | µg/L | 100 | Org-020 | <100 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |
| TRH >$C_{10}$ - $C_{16}$ | µg/L | 50 | Org-020 | <50 | [NT] | [NT] | [NT] | [NT] | 105 | [NT] |
| TRH >$C_{16}$ - $C_{34}$ | µg/L | 100 | Org-020 | <100 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |
| TRH >$C_{34}$ - $C_{40}$ | µg/L | 100 | Org-020 | <100 | [NT] | [NT] | [NT] | [NT] | 100 | [NT] |
| *Surrogate* o-Terphenyl | % | | Org-020 | 104 | [NT] | [NT] | [NT] | [NT] | 108 | [NT] |

| QUALITY CONTROL: HM in water - dissolved | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date prepared | - | | | 24/06/2024 | 1 | 25/06/2024 | 25/06/2024 | | 24/06/2024 | [NT] |
| Date analysed | - | | | 25/06/2024 | 1 | 25/06/2024 | 25/06/2024 | | 25/06/2024 | [NT] |
| Arsenic-Dissolved | µg/L | 1 | Metals-022 | <1 | 1 | <1 | [NT] | | 94 | [NT] |
| Cadmium-Dissolved | µg/L | 0.1 | Metals-022 | <0.1 | 1 | <0.1 | [NT] | | 96 | [NT] |
| Chromium-Dissolved | µg/L | 1 | Metals-022 | <1 | 1 | <1 | [NT] | | 95 | [NT] |
| Copper-Dissolved | µg/L | 1 | Metals-022 | <1 | 1 | 1 | [NT] | | 93 | [NT] |
| Lead-Dissolved | µg/L | 1 | Metals-022 | <1 | 1 | <1 | [NT] | | 100 | [NT] |
| Mercury-Dissolved | µg/L | 0.05 | Metals-021 | <0.05 | 1 | <0.05 | <0.05 | 0 | 101 | [NT] |
| Nickel-Dissolved | µg/L | 1 | Metals-022 | <1 | 1 | 5 | [NT] | | 95 | [NT] |
| Zinc-Dissolved | µg/L | 1 | Metals-022 | <1 | 1 | 14 | [NT] | | 97 | [NT] |

| QUALITY CONTROL: Miscellaneous Inorganics | | | | | Duplicate | | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date prepared | - | | | 20/06/2024 | [NT] | [NT] | [NT] | [NT] | 20/06/2024 | [NT] |
| Date analysed | - | | | 20/06/2024 | [NT] | [NT] | [NT] | [NT] | 20/06/2024 | [NT] |
| pH | pH Units | | Inorg-001 | [NT] | [NT] | [NT] | [NT] | [NT] | 99 | [NT] |
| Electrical Conductivity | µS/cm | 1 | Inorg-002 | <1 | [NT] | [NT] | [NT] | [NT] | 101 | [NT] |
| Total Dissolved Solids (grav) | mg/L | 5 | Inorg-018 | <5 | [NT] | [NT] | [NT] | [NT] | 97 | [NT] |

| QUALITY CONTROL: PFAS in Waters Trace Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 354361-2 |
| Date prepared | - | | | 21/06/2024 | 1 | 21/06/2024 | 21/06/2024 | | 21/06/2024 | 21/06/2024 |
| Date analysed | - | | | 21/06/2024 | 1 | 21/06/2024 | 21/06/2024 | | 21/06/2024 | 21/06/2024 |
| Perfluorobutanesulfonic acid | µg/L | 0.0004 | Org-029 | <0.0004 | 1 | 0.001 | 0.001 | 0 | 98 | 105 |
| Perfluoropentanesulfonic acid | µg/L | 0.001 | Org-029 | <0.001 | 1 | <0.001 | <0.001 | 0 | 97 | 107 |
| Perfluorohexanesulfonic acid - PFHxS | µg/L | 0.0002 | Org-029 | <0.0002 | 1 | 0.001 | 0.001 | 0 | 103 | 103 |
| Perfluoroheptanesulfonic acid | µg/L | 0.001 | Org-029 | <0.001 | 1 | <0.001 | <0.001 | 0 | 100 | 112 |
| Perfluorooctanesulfonic acid PFOS | µg/L | 0.0002 | Org-029 | <0.0002 | 1 | 0.0031 | 0.0029 | 7 | 95 | 103 |
| Perfluorodecanesulfonic acid | µg/L | 0.002 | Org-029 | <0.002 | 1 | <0.002 | <0.002 | 0 | 67 | 62 |
| Perfluorobutanoic acid | µg/L | 0.002 | Org-029 | <0.002 | 1 | <0.02 | <0.02 | 0 | 98 | 99 |
| Perfluoropentanoic acid | µg/L | 0.002 | Org-029 | <0.002 | 1 | 0.002 | 0.003 | 40 | 95 | 101 |
| Perfluorohexanoic acid | µg/L | 0.0004 | Org-029 | <0.0004 | 1 | 0.002 | 0.002 | 0 | 97 | 104 |
| Perfluoroheptanoic acid | µg/L | 0.0004 | Org-029 | <0.0004 | 1 | 0.0008 | 0.0007 | 13 | 95 | 102 |
| Perfluorooctanoic acid PFOA | µg/L | 0.0002 | Org-029 | <0.0002 | 1 | 0.002 | 0.002 | 0 | 98 | 100 |
| Perfluorononanoic acid | µg/L | 0.001 | Org-029 | <0.001 | 1 | <0.001 | <0.001 | 0 | 98 | 102 |
| Perfluorodecanoic acid | µg/L | 0.002 | Org-029 | <0.002 | 1 | <0.002 | <0.002 | 0 | 96 | 104 |
| Perfluoroundecanoic acid | µg/L | 0.002 | Org-029 | <0.002 | 1 | <0.002 | <0.002 | 0 | 95 | 103 |
| Perfluorododecanoic acid | µg/L | 0.005 | Org-029 | <0.005 | 1 | <0.005 | <0.005 | 0 | 95 | 108 |
| Perfluorotridecanoic acid | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 123 | 71 |
| Perfluorotetradecanoic acid | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 113 | 102 |
| 4:2 FTS | µg/L | 0.001 | Org-029 | <0.001 | 1 | <0.001 | <0.001 | 0 | 95 | 100 |
| 6:2 FTS | µg/L | 0.0004 | Org-029 | <0.0004 | 1 | <0.0004 | <0.0004 | 0 | 91 | 98 |
| 8:2 FTS | µg/L | 0.0004 | Org-029 | <0.0004 | 1 | <0.0004 | <0.0004 | 0 | 101 | 100 |
| 10:2 FTS | µg/L | 0.002 | Org-029 | <0.002 | 1 | <0.002 | <0.002 | 0 | 137 | 138 |
| Perfluorooctane sulfonamide | µg/L | 0.01 | Org-029 | <0.01 | 1 | <0.01 | <0.01 | 0 | 96 | 105 |
| N-Methyl perfluorooctane sulfonamide | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 79 | 100 |
| N-Ethyl perfluorooctanesulfon amide | µg/L | 0.1 | Org-029 | <0.1 | 1 | <0.1 | <0.1 | 0 | 75 | 100 |
| N-Me perfluorooctanesulfonamid oethanol | µg/L | 0.05 | Org-029 | <0.05 | 1 | <0.05 | <0.05 | 0 | 91 | 115 |
| N-Et perfluorooctanesulfonamid oethanol | µg/L | 0.5 | Org-029 | <0.5 | 1 | <0.5 | <0.5 | 0 | 94 | 102 |
| MePerfluorooctanesulf- amid oacetic acid | µg/L | 0.002 | Org-029 | <0.002 | 1 | <0.002 | <0.002 | 0 | 96 | 103 |
| EtPerfluorooctanesulf- amid oacetic acid | µg/L | 0.002 | Org-029 | <0.002 | 1 | <0.002 | <0.002 | 0 | 93 | 102 |
| *Surrogate* $^{13}C_8$ *PFOS* | % | | Org-029 | 96 | 1 | 100 | 102 | 2 | 98 | 97 |
| *Surrogate* $^{13}C_2$ *PFOA* | % | | Org-029 | 97 | 1 | 94 | 94 | 0 | 98 | 99 |

| QUALITY CONTROL: PFAS in Waters Trace Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 354361-2 |
| *Extracted ISTD $^{13}C_3$ PFBS* | % | | Org-029 | 85 | 1 | 85 | 81 | 5 | 76 | 88 |
| *Extracted ISTD $^{18}O_2$ PFHxS* | % | | Org-029 | 84 | 1 | 86 | 80 | 7 | 72 | 89 |
| *Extracted ISTD $^{13}C_4$ PFOS* | % | | Org-029 | 73 | 1 | 82 | 75 | 9 | 71 | 76 |
| *Extracted ISTD $^{13}C_4$ PFBA* | % | | Org-029 | 94 | 1 | # | # | | 81 | 43 |
| *Extracted ISTD $^{13}C_3$ PFPeA* | % | | Org-029 | 89 | 1 | 52 | 50 | 4 | 79 | 84 |
| *Extracted ISTD $^{13}C_2$ PFHxA* | % | | Org-029 | 94 | 1 | 73 | 67 | 9 | 83 | 91 |
| *Extracted ISTD $^{13}C_4$ PFHpA* | % | | Org-029 | 94 | 1 | 92 | 87 | 6 | 87 | 103 |
| *Extracted ISTD $^{13}C_4$ PFOA* | % | | Org-029 | 101 | 1 | 101 | 94 | 7 | 90 | 108 |
| *Extracted ISTD $^{13}C_5$ PFNA* | % | | Org-029 | 96 | 1 | 101 | 91 | 10 | 90 | 102 |
| *Extracted ISTD $^{13}C_2$ PFDA* | % | | Org-029 | 97 | 1 | 106 | 103 | 3 | 97 | 105 |
| *Extracted ISTD $^{13}C_2$ PFUnDA* | % | | Org-029 | 101 | 1 | 125 | 113 | 10 | 112 | 125 |
| *Extracted ISTD $^{13}C_2$ PFDoDA* | % | | Org-029 | 100 | 1 | 132 | 113 | 16 | 107 | 108 |
| *Extracted ISTD $^{13}C_2$ PFTeDA* | % | | Org-029 | 107 | 1 | 162 | 148 | 9 | 108 | 162 |
| *Extracted ISTD $^{13}C_2$ 4:2FTS* | % | | Org-029 | 123 | 1 | # | # | | 108 | 122 |
| *Extracted ISTD $^{13}C_2$ 6:2FTS* | % | | Org-029 | 121 | 1 | # | 194 | | 134 | 146 |
| *Extracted ISTD $^{13}C_2$ 8:2FTS* | % | | Org-029 | 130 | 1 | # | 196 | | 139 | 153 |
| *Extracted ISTD $^{13}C_8$ FOSA* | % | | Org-029 | 74 | 1 | 77 | 72 | 7 | 67 | 77 |
| *Extracted ISTD $d_3$ N MeFOSA* | % | | Org-029 | 96 | 1 | 98 | 100 | 2 | 96 | 96 |
| *Extracted ISTD $d_5$ N EtFOSA* | % | | Org-029 | 97 | 1 | 96 | 99 | 3 | 98 | 95 |
| *Extracted ISTD $d_7$ N MeFOSE* | % | | Org-029 | 96 | 1 | 97 | 97 | 0 | 95 | 91 |

| QUALITY CONTROL: PFAS in Waters Trace Extended | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | 354361-2 |
| *Extracted ISTD* $d_9$ *N EtFOSE* | % | | Org-029 | 96 | 1 | 94 | 99 | 5 | 97 | 91 |
| *Extracted ISTD* $d_3$ *N MeFOSAA* | % | | Org-029 | 72 | 1 | 116 | 98 | 17 | 80 | 93 |
| *Extracted ISTD* $d_5$ *N EtFOSAA* | % | | Org-029 | 80 | 1 | 115 | 106 | 8 | 84 | 98 |

| QUALITY CONTROL: Ion Balance | | | | | | Duplicate | | | Spike Recovery % | |
|---|---|---|---|---|---|---|---|---|---|---|
| Test Description | Units | PQL | Method | Blank | # | Base | Dup. | RPD | LCS-W1 | [NT] |
| Date prepared | - | | | 20/06/2024 | [NT] | [NT] | [NT] | [NT] | 20/06/2024 | [NT] |
| Date analysed | - | | | 20/06/2024 | [NT] | [NT] | [NT] | [NT] | 20/06/2024 | [NT] |
| Calcium - Dissolved | mg/L | 0.5 | Metals-020 | <0.5 | [NT] | [NT] | [NT] | [NT] | 94 | [NT] |
| Potassium - Dissolved | mg/L | 0.5 | Metals-020 | <0.5 | [NT] | [NT] | [NT] | [NT] | 91 | [NT] |
| Sodium - Dissolved | mg/L | 0.5 | Metals-020 | <0.5 | [NT] | [NT] | [NT] | [NT] | 91 | [NT] |
| Magnesium - Dissolved | mg/L | 0.5 | Metals-020 | <0.5 | [NT] | [NT] | [NT] | [NT] | 95 | [NT] |
| Hydroxide Alkalinity ($OH^-$) as $CaCO_3$ | mg/L | 5 | Inorg-006 | <5 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Bicarbonate Alkalinity as $CaCO_3$ | mg/L | 5 | Inorg-006 | <5 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Carbonate Alkalinity as $CaCO_3$ | mg/L | 5 | Inorg-006 | <5 | [NT] | [NT] | [NT] | [NT] | [NT] | [NT] |
| Total Alkalinity as $CaCO_3$ | mg/L | 5 | Inorg-006 | <5 | [NT] | [NT] | [NT] | [NT] | 112 | [NT] |
| Sulphate, SO4 | mg/L | 1 | Inorg-081 | <1 | [NT] | [NT] | [NT] | [NT] | 110 | [NT] |
| Chloride, Cl | mg/L | 1 | Inorg-081 | <1 | [NT] | [NT] | [NT] | [NT] | 106 | [NT] |

## Result Definitions

| | |
|---|---|
| **NT** | Not tested |
| **NA** | Test not required |
| **INS** | Insufficient sample for this test |
| **PQL** | Practical Quantitation Limit |
| **<** | Less than |
| **>** | Greater than |
| **RPD** | Relative Percent Difference |
| **LCS** | Laboratory Control Sample |
| **NS** | Not specified |
| **NEPM** | National Environmental Protection Measure |
| **NR** | Not Reported |

## Quality Control Definitions

| | |
|---|---|
| **Blank** | This is the component of the analytical signal which is not derived from the sample but from reagents, glassware etc, can be determined by processing solvents and reagents in exactly the same manner as for samples. |
| **Duplicate** | This is the complete duplicate analysis of a sample from the process batch. If possible, the sample selected should be one where the analyte concentration is easily measurable. |
| **Matrix Spike** | A portion of the sample is spiked with a known concentration of target analyte. The purpose of the matrix spike is to monitor the performance of the analytical method used and to determine whether matrix interferences exist. |
| **LCS (Laboratory Control Sample)** | This comprises either a standard reference material or a control matrix (such as a blank sand or water) fortified with analytes representative of the analyte class. It is simply a check sample. |
| **Surrogate Spike** | Surrogates are known additions to each sample, blank, matrix spike and LCS in a batch, of compounds which are similar to the analyte of interest, however are not expected to be found in real samples. |

Australian Drinking Water Guidelines recommend that Thermotolerant Coliform, Faecal Enterococci, & E.Coli levels are less than 1cfu/100mL. The recommended maximums are taken from "Australian Drinking Water Guidelines", published by NHMRC & ARMC 2011.

The recommended maximums for analytes in urine are taken from “2018 TLVs and BEIs”, as published by ACGIH (where available). Limit provided for Nickel is a precautionary guideline as per Position Paper prepared by AIOH Exposure Standards Committee, 2016.

Guideline limits for Rinse Water Quality reported as per analytical requirements and specifications of AS 4187, Amdt 2 2019, Table 7.2

## Laboratory Acceptance Criteria

Duplicate sample and matrix spike recoveries may not be reported on smaller jobs, however, were analysed at a frequency to meet or exceed NEPM requirements. All samples are tested in batches of 20. The duplicate sample RPD and matrix spike recoveries for the batch were within the laboratory acceptance criteria.

Filters, swabs, wipes, tubes and badges will not have duplicate data as the whole sample is generally extracted during sample extraction.

Spikes for Physical and Aggregate Tests are not applicable.

For VOCs in water samples, three vials are required for duplicate or spike analysis.

Duplicates: >10xPQL - RPD acceptance criteria will vary depending on the analytes and the analytical techniques but is typically in the range 20%-50% – see ELN-P05 QA/QC tables for details; <10xPQL - RPD are higher as the results approach PQL and the estimated measurement uncertainty will statistically increase.

Matrix Spikes, LCS and Surrogate recoveries: Generally 70-130% for inorganics/metals (not SPOCAS); 60-140% for organics/SPOCAS (+/-50% surrogates) and 10-140% for labile SVOCs (including labile surrogates), ultra trace organics and speciated phenols is acceptable.

In circumstances where no duplicate and/or sample spike has been reported at 1 in 10 and/or 1 in 20 samples respectively, the sample volume submitted was insufficient in order to satisfy laboratory QA/QC protocols.

When samples are received where certain analytes are outside of recommended technical holding times (THTs), the analysis has proceeded. Where analytes are on the verge of breaching THTs, every effort will be made to analyse within the THT or as soon as practicable.

Where sampling dates are not provided, Envirolab are not in a position to comment on the validity of the analysis where recommended technical holding times may have been breached.

Where matrix spike recoveries fall below the lower limit of the acceptance criteria (e.g. for non-labile or standard Organics <60%), positive result(s) in the parent sample will subsequently have a higher than typical estimated uncertainty (MU estimates supplied on request) and in these circumstances the sample result is likely biased significantly low.

Measurement Uncertainty estimates are available for most tests upon request.

Analysis of aqueous samples typically involves the extraction/digestion and/or analysis of the liquid phase only (i.e. NOT any settled sediment phase but inclusive of suspended particles if present), unless stipulated on the Envirolab COC and/or by correspondence. Notable exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, total recoverable metals and PFAS where solids are included by default.

Samples for Microbiological analysis (not Amoeba forms) received outside of the 2-8°C temperature range do not meet the ideal cooling conditions as stated in AS2031-2012.

## Report Comments

For PFAS Extracted Internal Standards denoted with # or outside the 50-150% acceptance range, the respective target analyte results may be unaffected, in other circumstances the PQL has been raised to accommodate the outlier(s).

Enviroiab Page 1 of 1

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO.: 67299 | LABORATORY BATCH NO.: |
| PROJECT NAME: Huntingwood | SAMPLERS: EF + MS |
| DATE NEEDED BY: Std TAT | QC LEVEL: NEPM (2013) |

PHONE: Sydney 02 8245 0300 | Perth 08 9488 0100 | Brisbane 07 3112 2688 | Melbourne 03 9642 0599 | Adelaide 08 8431 7113

SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) dscreed@jbsg.com.au; (3) efont@jbsg.com.au

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

Please forward to Enviroiab.

| | SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | HM | VOCs | TRH | PFAS/PFOS | PFAS (trace level) | OH/EC/anions | cations/TDS | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | QC01-20240617 | water | 17/6 | - | 2x vials, amber, green, | | X | X | X | X | | X | | | | |
| 2 | QC02-20240617 | ↓ | ↓ | ↓ | PFAS, HM + ice | | X | X | X | X | | X | | | | |

ENVIROLAB GROUP — Environmental Services, 12 Ashley St, Chatswood NSW 2067, Ph: (02) 9910 6200

Job No: 354361

Date Received: 19/6/24

Time Received: 1645

Received By: JN

Temp: Cool / Ambient

Cooling: Ice / Icepack

Security: Intact / Broken / None

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: Eliza Font DATE: 17/6/24 | CONSIGNMENT NOTE NO. | NAME: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: OF: | COOLER TEMP ..... deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


© 2011-2019 JBS&G Australia Ptv Ltd

#354361

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

# SAMPLE RECEIPT ADVICE

## Client Details

| | |
|---|---|
| **Client** | JBS & G (NSW & WA) Pty Ltd |
| **Attention** | D Saeed |

## Sample Login Details

| | |
|---|---|
| **Your reference** | 67299 - Huntingwood |
| **Envirolab Reference** | 354361 |
| **Date Sample Received** | 19/06/2024 |
| **Date Instructions Received** | 19/06/2024 |
| **Date Results Expected to be Reported** | 26/06/2024 |

## Sample Condition

| | |
|---|---|
| **Samples received in appropriate condition for analysis** | Yes |
| **No. of Samples Provided** | 2 Water |
| **Turnaround Time Requested** | Standard |
| **Temperature on Receipt (°C)** | 8 |
| **Cooling Method** | Ice Pack |
| **Sampling Date Provided** | YES |

## Comments

Nil

Please direct any queries to:

| Aileen Hie | Jacinta Hurst |
|---|---|
| **Phone: 02 9910 6200** | **Phone: 02 9910 6200** |
| **Fax: 02 9910 6201** | **Fax: 02 9910 6201** |
| **Email: ahie@envirolab.com.au** | **Email: jhurst@envirolab.com.au** |

*Analysis Underway, details on the following page:*

**Envirolab Services Pty Ltd**
ABN 37 112 535 645
12 Ashley St Chatswood NSW 2067
ph 02 9910 6200 fax 02 9910 6201
customerservice@envirolab.com.au
www.envirolab.com.au

| Sample ID | VOCs in water | vTRH(C6-C10)/BTEXN in Water | svTRH (C10-C40) in Water | HM in water - dissolved | pH | Electrical Conductivity | Total Dissolved Solids(grav) | PFAS in Waters Trace Extended | Calcium - Dissolved | Potassium - Dissolved | Sodium - Dissolved | Magnesium - Dissolved | Hardness (calc) equivalent CaCO3 | Hydroxide Alkalinity (OH-) as CaCO3 | Bicarbonate Alkalinity as CaCO3 | Carbonate Alkalinity as CaCO3 | Total Alkalinity as CaCO3 | Sulphate, SO4 | Chloride, Cl | Ionic Balance |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QC_20240617 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| QC02_20240617 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

The '✓' indicates the testing you have requested. **THIS IS NOT A REPORT OF THE RESULTS.**

## Additional Info

Sample storage - Waters are routinely disposed of approximately 1 month and soils approximately 2 months from receipt.

Requests for longer term sample storage must be received in writing.

Please contact the laboratory immediately if observed settled sediment present in water samples is to be included in the extraction and/or analysis (exceptions include certain Physical Tests (pH/EC/BOD/COD/Apparent Colour etc.), Solids testing, Total Recoverable metals and PFAS analysis where solids are included by default.

TAT for Micro is dependent on incubation. This varies from 3 to 6 days.

# CHAIN OF CUSTODY RECORD

Eurofins | Environment Testing ABN 50 005 085 521

Sydney Laboratory
179 Magnet Road, Girraween, NSW 2145
+61 2 8900 8400 EnviroSampleNSW@eurofins.com

Brisbane Laboratory
Unit 1/21 Smallwood Place, Murarrie, QLD 4172
+61 7 3902 4600 EnviroSampleQLD@eurofins.com

Perth Laboratory
46-48 Banksia Road, Welshpool, WA 6106
+61 8 6253 4444 EnviroSamplePth@eurofins.com

Melbourne Laboratory
6 Monterey Road Dandenong South VIC 3175
+61 3 8564 5000 EnviroSampleMel@eurofins.com

| | |
|---|---|
| Company | JBS&G |
| Address | Lvl 1, 50 Margaret St, Sydney, NSW, 2000 |
| Contact Name | Daniel Saeed |
| Phone № | |
| Special Directions | |
| Purchase Order | |
| Quote ID № | |

| | |
|---|---|
| Project № | 67299 |
| Project Name | Hurstingwood |
| Project Manager | Daniel Saeed |
| EDD Format | Esdat |
| Samplers | Ekaterina Arsentava/Amy McEwin/Daniel Saeed |
| Email for Invoice | Adminsw@jbsg.com.au |
| Email for Results | dsaeed@jbsg.com.au |

Analytes

| № | Client Sample ID | Sampled Date/Time | Matrix | 262 Suite | Heavy Metals NB | TPH | BTEX | PAH | OCP | PCB | VOC | PFAS | SPOCAS | pH | CEC | HOC | EC | %Clay | Asbestos - WA guidelines |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JBTP01_0.0-0.1 | 12/06/24 | S | | X | X | X | | | | | X | | | | | | | |
| 2 | JBTP01_0.3-0.4 | 12/06/24 | S | | X | X | | | | | | | | | | | | | |
| 3 | JBTP01_0.6-0.7 | 12/06/24 | S | | | | | | X | X | | | | | | | | | |
| 5 | JBTP02_0.0-0.1 | 12/06/24 | S | | X | | | X | | | | X | | | | | | | |
| 6 | JBTP02_0.5-0.6 | 12/06/24 | S | | X | | | X | | | | | | | | | | | |
| 11 | JBTP03_0.3-0.3 | 12/06/24 | S | | | X | | X | | | | | | | | | | | |
| 12 | JBTP03_0.5-0.5 | 12/06/24 | S | | X | | | X | | | | | | | | | | | |
| 13 | JBTP03_1.1-1.2 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 14 | JBTP03_1.5-1.5 | 12/06/24 | S | | | | | | X | X | | | | | | | | | |
| 15 | JBTP03_1.9-2.0 | 12/06/24 | S | | | X | | | | | | | | | | | | | |
| 16 | JBTP03_2.5-2.5 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 17 | JBTP03_3.0-3.1 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 22 | JBTP04_0.0-0.1 | 12/06/24 | S | | | X | | | | | | | | | | | | | |
| 23 | JBTP04_0.5-0.6 | 12/06/24 | S | | | | | X | | | | | | | | | | | |
| 24 | JBTP04_1.0-1.1 | 12/06/24 | S | | | X | | | | | | | | | | | | | |
| 25 | JBTP04_1.5-1.5 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 26 | JBTP04_2.0-2.1 | 12/06/24 | S | | | | | X | | | | | | | | | | | |
| 27 | JBTP04_2.5-2.5 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 29 | JBTP04_3.0-3.1 | 12/06/24 | S | | X | X | X | X | | | | X | | | | | | | |
| 30 | QC01 | 12/06/24 | S | | X | X | X | X | | | | X | | | | | | | |
| 39 | JBTP05_0.0-0.1 | 12/06/24 | S | | X | X | | X | X | X | | | | | | | | | |
| 42 | JBTP05_1.0-1.1 | 12/06/24 | S | | | | | | | | | X | | | | | | | |
| 44 | JBTP05_2.0-2.1 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 45 | JBTP05_2.4-2.5 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 46 | JBTP05_2.9-3.0 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 47 | JBTP06_0.0-0.1 | 12/06/24 | S | | X | | | | X | X | | | | | | | | | |
| 48 | JBTP06_1.0-1.1 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 51 | JBTP06_2.0-2.1 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 54 | JBTP06_3.0-3.1 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 55 | JBTP07_0.0-0.1 | 12/06/24 | S | | | | | | | | X | | | | | | | | |
| 56 | JBTP07_0.4-0.5 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 57 | JBTP08_0.0-0.1 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 58 | JBTP08_1.1-1.2 | 12/06/24 | S | | X | X | X | | | | | | | | | | | | |
| 59 | JBTP08_2.0-2.1 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 60 | JBTP08_2.5-2.5 | 12/06/24 | S | | X | | | | X | X | | | | | | | | | |
| 61 | JBTP09_1.0-1.1 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 62 | JBTP09_1.5-1.5 | 12/06/24 | S | | | X | X | | | | | | | | | | | | |
| 63 | JBTP09_2.0-2.1 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 64 | JBTP10_0.0-0.1 | 12/06/24 | S | | X | | | | | | | | | | | | | | |
| 65 | JBTP10_0.7-0.8 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 66 | JBTP10_0.9-1.0 | 12/06/24 | S | | | | | | | | | | | | | | | | |
| 67 | JBTP11_0.0-0.1 | 12/06/24 | S | | | | X | | | | | | | | | | | | |
| 68 | JBTP11_0.5-0.6 | 12/06/24 | S | | | | X | | | | | X | X | X | X | X | | | |

Containers

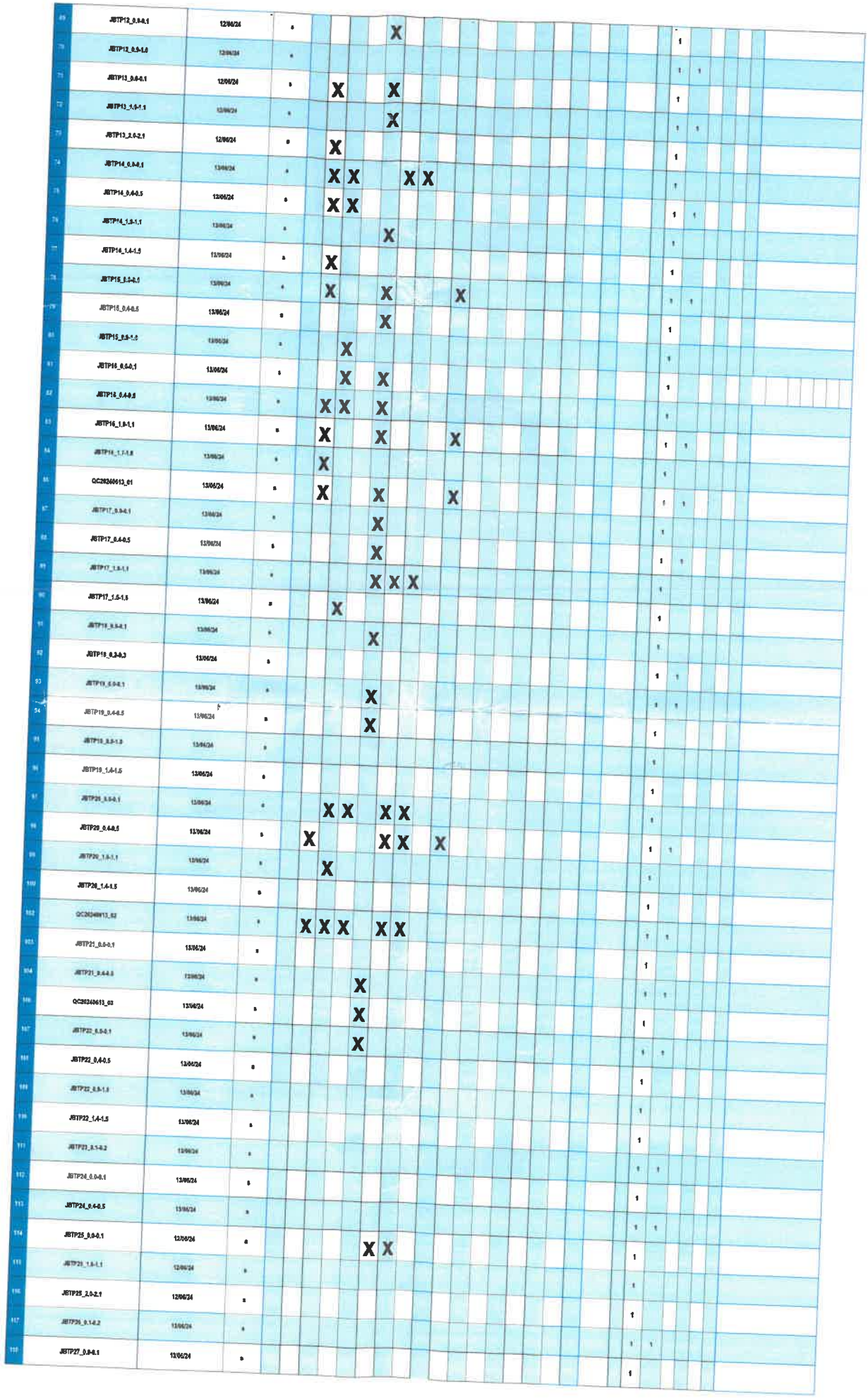
| № | 250mL Asbestos Plastic | Acid Sulfate Plastic | Jar (Glass or HDPE) | PFAS (Nat) | 250mL Amber Glass | 40mL VOA vial | 60mL PFAS Bottle | Other |
|---|---|---|---|---|---|---|---|---|
| 1 | | | 1 | 1 | | | | |
| 2 | | | 1 | | | | | |
| 3 | | | 1 | | | | | |
| 5 | | | 1 | | | | | |
| 6 | | | 1 | 1 | | | | |
| 11 | | | 1 | | | | | |
| 12 | | | 1 | | | | | |
| 13 | | | 1 | | | | | |
| 14 | | | 1 | | | | | |
| 15 | | | 1 | | | | | |
| 16 | | | 1 | 1 | | | | |
| 17 | | | 1 | | | | | |
| 22 | | | 1 | 1 | | | | |
| 23 | | | 1 | | | | | |
| 24 | | | 1 | | | | | |
| 25 | | | 1 | | | | | |
| 26 | | | 1 | | | | | |
| 27 | | | 1 | | | | | |
| 29 | | | 1 | | | | | |
| 30 | | | 1 | 1 | | | | |
| 39 | | | 1 | 1 | | | | |
| 42 | | | 1 | 1 | | | | |
| 44 | | | 1 | | | | | |
| 45 | | | 1 | | | | | |
| 46 | | | 1 | | | | | |
| 47 | | | 1 | | | | | |
| 48 | | | 1 | 1 | | | | |
| 51 | | | 1 | | | | | |
| 54 | | | 1 | | | | | |
| 55 | | | 1 | | | | | |
| 56 | | | 1 | 1 | | | | |
| 57 | | | 1 | | | | | |
| 58 | | | 1 | 1 | | | | |
| 59 | | | 1 | | | | | |
| 60 | | | 1 | | | | | |
| 61 | | | 1 | | | | | |
| 62 | | | 1 | 1 | | | | |
| 63 | | | 1 | | | | | |
| 64 | | | 1 | | | | | |
| 65 | | | 1 | | | | | |
| 66 | | | 1 | 1 | | | | |
| 67 | | | 1 | | | | | |
| 68 | | | 1 | | | | | |

Required Turnaround Time (TAT)

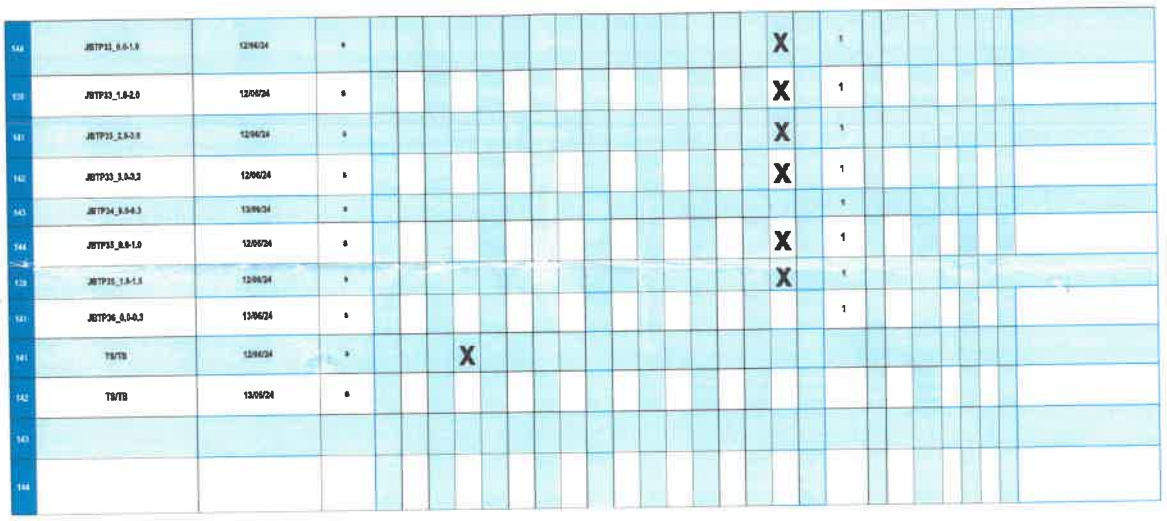
- Overnight (reporting by 9am) (+Surcharge will apply)
- Same day
- 1 day
- 2 days
- 3 days
- 5 days (Standard)
- Other ( )

Sample Comments / Dangerous Goods Warning

| | | |



| | | |



| | | |

eurofins | Environment Testing

www.eurofins.com.au EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**

ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**

ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**

ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**

NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

# Sample Receipt Advice

**Company name:** JBS & G Australia (NSW) P/L
**Contact name:** Daniel Saeed
**Project name:** Huntingwood
**Project ID:** 67299
**Turnaround time:** 5 Day
**Date/Time received** Jun 17, 2024 12:01 PM
**Eurofins reference** 1108483

## Sample Information

| | |
|---|---|
| ✓ | A detailed list of analytes logged into our LIMS, is included in the attached summary table. |
| ✓ | Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt : 16.6 degrees Celsius. |
| ✓ | All samples have been received as described on the above COC. |
| ✓ | COC has been completed correctly. |
| ✗ | Attempt to chill was evident. |
| ✓ | Appropriately preserved sample containers have been used. |
| ✓ | All samples were received in good condition. |
| ✓ | Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times. |
| ✓ | Appropriate sample containers have been used. |
| ✓ | Sample containers for volatile analysis received with zero headspace. |
| ✗ | Split sample sent to requested external lab. |
| ✗ | Some samples have been subcontracted. |
| N/A | Custody Seals intact (if used). |

## Notes

## Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

**Andrew Black on phone : (+61) 2 9900 8490 or by email: AndrewBlack@eurofins.com**

Results will be delivered electronically via email to Daniel Saeed - dsaeed@jbsg.com.au.

Global Leader - Results you can trust

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | X | | | | | | | | | | | | | |
| **External Laboratory** | | | | | | | | | | | | | | |

| No | Sample ID | Sample Date | Sampling Time | Matrix | LAB ID | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JBTP01_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040065 | | | | | | | | | |
| 2 | JBTP01_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040066 | | | | | | | | | |
| 3 | JBTP01_0.6-0.7 | Jun 12, 2024 | | Soil | S24-Jn0040067 | | | | | | | | | |
| 4 | JBTP02_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040068 | | | | | | | | | |
| 5 | JBTP02_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040069 | | | | | | | | | |
| 6 | JBTP03_0.2-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040070 | | | | | | | | | |
| 7 | JBTP03_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040071 | | | | | | | | | |

| No | Sample ID | Sample Date | Sampling Time | Matrix | LAB ID | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JBTP01_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040065 | | | | | | | X | X | X | | X | X |
| 2 | JBTP01_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040066 | | | | | | | X | | X | | X | |
| 3 | JBTP01_0.6-0.7 | Jun 12, 2024 | | Soil | S24-Jn0040067 | | | | | X | X | | | X | | | |
| 4 | JBTP02_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040068 | | X | | | X | | | | X | | | X |
| 5 | JBTP02_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040069 | | X | | | X | | | | X | | | |
| 6 | JBTP03_0.2-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040070 | | X | | | | | | | X | | X | |
| 7 | JBTP03_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040071 | | X | | | X | | | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 8 | JBTP03_1.1-1.2 | Jun 12, 2024 | | Soil | S24-Jn0040072 | | | | | | | | | X | | X | | | |
| 9 | JBTP03_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040073 | | | | | | | X | X | | | X | | | |
| 10 | JBTP03_1.9-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040074 | | | | | | | | | | | X | | X | |
| 11 | JBTP03_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040075 | | | | | | | | | X | | X | | | |
| 12 | JBTP04_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040076 | | | | | | | | | | | X | | X | |
| 13 | JBTP04_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040077 | | | | | | X | | | | | X | | | |
| 14 | JBTP04_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040078 | | | | | | | | | | | X | | X | |
| 15 | JBTP04_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040079 | | | | | | X | | | | | X | | | |
| 16 | JBTP04_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040080 | | | | | | X | | | X | X | X | | X | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 17 | QC01 | Jun 12, 2024 | | Soil | S24-Jn0040081 | | | | | | X | | | X | X | X | | X | X |
| 18 | JBTP05_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040082 | | | | | | X | X | X | X | | X | | X | |
| 19 | JBTP05_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040083 | | | | | | | | | | | X | | | X |
| 20 | JBTP06_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040084 | | | | | | | X | X | X | | X | | | |
| 21 | JBTP06_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040085 | | | | | | | | | X | | X | | | |
| 22 | JBTP06_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040086 | | | | | | | | | X | | X | | | |
| 23 | JBTP06_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040087 | | | | | | | | | X | | X | | | |
| 24 | JBTP07_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040088 | | | | | | | | | | | X | | | X |
| 25 | JBTP07_0.4-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040089 | | | | | | | | | X | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 26 | JBTP08_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040090 | | | | | | | | | X | | X | | | |
| 27 | JBTP08_1.1-1.2 | Jun 12, 2024 | | Soil | S24-Jn0040091 | | | | | | | | | X | X | X | | X | |
| 28 | JBTP08_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040092 | | | | | | | | | X | | X | | | |
| 29 | JBTP09_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040093 | | | | | | | X | X | X | | X | | | |
| 30 | JBTP09_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040094 | | | | | | | | | X | | X | | | |
| 31 | JBTP09_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040095 | | | | | | | | | | X | X | | X | |
| 32 | JBTP10_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040096 | | | | | | | | | X | | X | | | |
| 33 | JBTP11_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040097 | | | | | | X | | | | | X | | | |
| 34 | JBTP11_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040098 | X | | | X | X | X | | | | | X | X | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 35 | JBTP12_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040099 | | | | | | X | | | | | X | | | |
| 36 | JBTP13_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040100 | | | | | | X | | | X | | X | | | |
| 37 | JBTP13_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040101 | | | | | | X | | | | | X | | | |
| 38 | JBTP13_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040102 | | | | | | | | | X | | X | | | |
| 39 | JBTP14_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040103 | | | | | | | X | X | X | | X | | X | |
| 40 | JBTP14_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040104 | | | | | | | | | X | | X | | X | |
| 41 | JBTP14_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040105 | | | | | | X | | | | | X | | | |
| 42 | JBTP14_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040106 | | | | | | | | | X | | X | | | |
| 43 | JBTP15_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040107 | | | | | | X | | | X | | X | | | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 44 | JBTP15_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040108 | | | | | | X | | | | | X | | | |
| 45 | JBTP15_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040109 | | | | | | | | | | | X | | X | |
| 46 | JBTP16_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040110 | | | | | | X | | | | | X | | X | |
| 47 | JBTP16_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040111 | | | | | | X | | | X | | X | | X | |
| 48 | JBTP16_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040112 | | | | | | X | | | X | | X | | | X |
| 49 | JBTP16_1.7-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040113 | | | | | | | | | X | | X | | | |
| 50 | QC20240613_01 | Jun 13, 2024 | | Soil | S24-Jn0040114 | | | | | | X | | | X | | X | | | X |
| 51 | JBTP17_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040115 | | | | | | X | | | | | X | | | |
| 52 | JBTP17_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040116 | | | | | | X | | | | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 53 | JBTP17_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040117 | | | | | | X | X | X | | | X | | | |
| 54 | JBTP17_1.5-1.6 | Jun 13, 2024 | | Soil | S24-Jn0040118 | | | | | | | | | | | X | | X | |
| 55 | JBTP18_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040119 | | | | | | X | | | | | X | | | |
| 56 | JBTP19_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040120 | | | | | | X | | | | | X | | | |
| 57 | JBTP19_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040121 | | | | | | X | | | | | X | | | |
| 58 | JBTP20_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040122 | | | | | | | X | X | | X | X | | X | |
| 59 | JBTP20_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040123 | | | | | | | X | X | X | | X | | | X |
| 60 | JBTP20_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040124 | | | | | | | | | | | X | | X | |
| 61 | QC20240613_02 | Jun 13, 2024 | | Soil | S24-Jn0040125 | | | | | | | X | X | X | X | X | | X | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 62 | JBTP21_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040126 | | | | | | X | | | | | X | | | |
| 63 | QC20240613_03 | Jun 13, 2024 | | Soil | S24-Jn0040127 | | | | | | X | | | | | X | | | |
| 64 | JBTP22_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040128 | | | | | | X | | | | | X | | | |
| 65 | JBTP25_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040129 | | | | | | | X | X | | | X | | | |
| 66 | JBTP27_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040130 | | | | | | | | | | X | X | | X | |
| 67 | JBTP27_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040131 | | | | | | | | | | X | X | | X | |
| 68 | JBTP30_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040132 | | | | | | | X | X | | | X | | | |
| 69 | JBTP31_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040133 | | | | | | | | | | | X | | X | |
| 70 | JBTP31_0.3-0.4 | Jun 13, 2024 | | Soil | S24-Jn0040134 | | | | | | | | | | | X | | X | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 71 | JBTP32_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040135 | | | | | | | X | X | | | X | | | |
| 72 | JBTP33_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040136 | | | | | | X | X | X | | | X | | | |
| 73 | JBTP34_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040137 | | | | | | | X | X | | | X | | | |
| 74 | JBTP35_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040138 | | | | | | | | | | | X | | X | |
| 75 | JBTP35_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040139 | | | | | | | | | | | X | | X | |
| 76 | JBTP36_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040140 | | | | | | X | | | | | X | | | |
| 77 | QC02 | Jun 12, 2024 | | Soil | S24-Jn0040141 | | | | | | | X | X | | | X | | | |
| 78 | JBTP03_0.0-0.2 | Jun 12, 2024 | | Soil | S24-Jn0040142 | | X | | | | | | | | | | | | |
| 79 | JBTP03_0.2-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040143 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 80 | JBTP03_1.2-1.8 | Jun 12, 2024 | | Soil | S24-Jn0040144 | | X | | | | | | | | | | | | |
| 81 | JBTP03_1.8-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040145 | | X | | | | | | | | | | | | |
| 82 | JBTP03_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040146 | | X | | | | | | | | | | | | |
| 83 | JBTP04_0.3-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040147 | | X | | | | | | | | | | | | |
| 84 | JBTP04_0.0-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040148 | | X | | | | | | | | | | | | |
| 85 | JBTP04_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040149 | | X | | | | | | | | | | | | |
| 86 | JBTP04_1.5-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040150 | | X | | | | | | | | | | | | |
| 87 | JBTP04_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040151 | | X | | | | | | | | | | | | |
| 88 | QC01 | Jun 12, 2024 | | Soil | S24-Jn0040152 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 89 | JBTP05_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040153 | | X | | | | | | | | | | | | |
| 90 | JBTP05_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040154 | | X | | | | | | | | | | | | |
| 91 | JBTP05_2.0-2.5 | Jun 12, 2024 | | Soil | S24-Jn0040155 | | X | | | | | | | | | | | | |
| 92 | JBTP06_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040156 | | X | | | | | | | | | | | | |
| 93 | JBTP06_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040157 | | X | | | | | | | | | | | | |
| 94 | JBTP06_2.0-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040158 | | X | | | | | | | | | | | | |
| 95 | JBTP06_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040159 | | X | | | | | | | | | | | | |
| 96 | JBTP07_0.0-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040160 | | X | | | | | | | | | | | | |
| 97 | JBTP08_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040161 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 98 | JBTP08_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040162 | | X | | | | | | | | | | | | |
| 99 | JBTP09_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040163 | | X | | | | | | | | | | | | |
| 100 | JBTP09_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040164 | | X | | | | | | | | | | | | |
| 101 | JBTP09_1.5-1.9 | Jun 12, 2024 | | Soil | S24-Jn0040165 | | X | | | | | | | | | | | | |
| 102 | JBTP10_0.0-0.8 | Jun 12, 2024 | | Soil | S24-Jn0040166 | | X | | | | | | | | | | | | |
| 103 | JBTP12_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040167 | | X | | | | | | | | | | | | |
| 104 | JBTP13_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040168 | | X | | | | | | | | | | | | |
| 105 | JBTP13_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040169 | | X | | | | | | | | | | | | |
| 106 | JBTP14_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040170 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 107 | JBTP14_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040171 | | X | | | | | | | | | | | | |
| 108 | JBTP15_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040172 | | X | | | | | | | | | | | | |
| 109 | JBTP16_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040173 | | X | | | | | | | | | | | | |
| 110 | JBTP16_1.0-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040174 | | X | | | | | | | | | | | | |
| 111 | QCAQ20240613_01 | Jun 13, 2024 | | Soil | S24-Jn0040175 | | X | | | | | | | | | | | | |
| 112 | JBTP17_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040176 | | X | | | | | | | | | | | | |
| 113 | JBTP17_1.0-2.0 | Jun 13, 2024 | | Soil | S24-Jn0040177 | | X | | | | | | | | | | | | |
| 114 | JBTP19_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040178 | | X | | | | | | | | | | | | |
| 115 | JBTP19_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040179 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 116 | QCAQ20240613_02 | Jun 13, 2024 | | Soil | S24-Jn0040180 | | X | | | | | | | | | | | | |
| 117 | JBTP20_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040181 | | X | | | | | | | | | | | | |
| 118 | JBTP20_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040182 | | X | | | | | | | | | | | | |
| 119 | JBTP21_0.2-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040183 | | X | | | | | | | | | | | | |
| 120 | QCAQ20240613_03 | Jun 13, 2024 | | Soil | S24-Jn0040184 | | X | | | | | | | | | | | | |
| 121 | JBTP22_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040185 | | X | | | | | | | | | | | | |
| 122 | JBTP22_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040186 | | X | | | | | | | | | | | | |
| 123 | JBTP25_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040187 | | X | | | | | | | | | | | | |
| 124 | JBTP25_1.0-1.8 | Jun 12, 2024 | | Soil | S24-Jn0040188 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 125 | JBTP27_0.0-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040189 | | X | | | | | | | | | | | | |
| 126 | JBTP27_0.2-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040190 | | X | | | | | | | | | | | | |
| 127 | JBTP27_0.5-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040191 | | X | | | | | | | | | | | | |
| 128 | JBTP27_1.5-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040192 | | X | | | | | | | | | | | | |
| 129 | JBTP28_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040193 | | X | | | | | | | | | | | | |
| 130 | JBTP29_0.0-0.8 | Jun 13, 2024 | | Soil | S24-Jn0040194 | | X | | | | | | | | | | | | |
| 131 | JBTP29_0.8-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040195 | | X | | | | | | | | | | | | |
| 132 | JBTP33_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040196 | | X | | | | | | | | | | | | |
| 133 | JBTP33_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040197 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 134 | JBTP33_2.0-3.0 | Jun 12, 2024 | | Soil | S24-Jn0040198 | | X | | | | | | | | | | | | |
| 135 | JBTP33_3.0-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040199 | | X | | | | | | | | | | | | |
| 136 | JBTP35_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040200 | | X | | | | | | | | | | | | |
| 137 | JBTP35_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040201 | | X | | | | | | | | | | | | |
| 138 | TS | Jun 12, 2024 | | Water | S24-Jn0040202 | | | | | | | | | | X | | | | |
| 139 | JBTP03_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040203 | | | X | | | | | | | | | | | |
| 140 | JBTP04_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040204 | | | X | | | | | | | | | | | |
| 141 | JBTP04_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040205 | | | X | | | | | | | | | | | |
| 142 | JBTP05_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040206 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 143 | JBTP05_2.4-2.5 | Jun 12, 2024 | | Soil | S24-Jn0040207 | | | X | | | | | | | | | | | |
| 144 | JBTP05_2.9-3.0 | Jun 12, 2024 | | Soil | S24-Jn0040208 | | | X | | | | | | | | | | | |
| 145 | JBTP09_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040209 | | | X | | | | | | | | | | | |
| 146 | JBTP10_0.7-0.8 | Jun 12, 2024 | | Soil | S24-Jn0040210 | | | X | | | | | | | | | | | |
| 147 | JBTP10_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040211 | | | X | | | | | | | | | | | |
| 148 | JBTP12_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040212 | | | X | | | | | | | | | | | |
| 149 | JBTP18_0.2-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040213 | | | X | | | | | | | | | | | |
| 150 | JBTP19_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040214 | | | X | | | | | | | | | | | |
| 151 | JBTP19_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040215 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 152 | JBTP20_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040216 | | | X | | | | | | | | | | | |
| 153 | JBTP21_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040217 | | | X | | | | | | | | | | | |
| 154 | JBTP22_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040218 | | | X | | | | | | | | | | | |
| 155 | JBTP22_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040219 | | | X | | | | | | | | | | | |
| 156 | JBTP22_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040220 | | | X | | | | | | | | | | | |
| 157 | JBTP23_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040221 | | | X | | | | | | | | | | | |
| 158 | JBTP24_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040222 | | | X | | | | | | | | | | | |
| 159 | JBTP24_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040223 | | | X | | | | | | | | | | | |
| 160 | JBTP25_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040224 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 161 | JBTP25_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040225 | | | X | | | | | | | | | | | |
| 162 | JBTP26_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040226 | | | X | | | | | | | | | | | |
| 163 | JBTP27_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040227 | | | X | | | | | | | | | | | |
| 164 | JBTP27_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040228 | | | X | | | | | | | | | | | |
| 165 | JBTP27_1.7-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040229 | | | X | | | | | | | | | | | |
| 166 | JBTP28_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040230 | | | X | | | | | | | | | | | |
| 167 | JBTP28_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040231 | | | X | | | | | | | | | | | |
| 168 | JBTP28_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040232 | | | X | | | | | | | | | | | |
| 169 | JBTP28_1.1-1.2 | Jun 13, 2024 | | Soil | S24-Jn0040233 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 170 | JBTP29_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040234 | | | X | | | | | | | | | | | |
| 171 | JBTP29_0.7-0.8 | Jun 13, 2024 | | Soil | S24-Jn0040235 | | | X | | | | | | | | | | | |
| 172 | JBTP29_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040236 | | | X | | | | | | | | | | | |
| 173 | JBTP31_0.5-0.6 | Jun 13, 2024 | | Soil | S24-Jn0040237 | | | X | | | | | | | | | | | |
| 174 | JBTP33_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040238 | | | X | | | | | | | | | | | |
| 175 | JBTP33_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040239 | | | X | | | | | | | | | | | |
| 176 | JBTP33_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040240 | | | X | | | | | | | | | | | |
| 177 | JBTP03_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040241 | | | X | | | | | | | | | | | |
| 178 | JBTP03_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040242 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 179 | JBTP04_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040243 | | | X | | | | | | | | | | | |
| 180 | QC04 | Jun 12, 2024 | | Soil | S24-Jn0040244 | | | X | | | | | | | | | | | |
| 181 | QC04 | Jun 12, 2024 | | Soil | S24-Jn0040245 | | | X | | | | | | | | | | | |
| 182 | JBTP01_0.0-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040246 | | | X | | | | | | | | | | | |
| 183 | JBTP02_0.0-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040247 | | | X | | | | | | | | | | | |
| 184 | JBTP11_0.0-0.2 | Jun 12, 2024 | | Soil | S24-Jn0040248 | | | X | | | | | | | | | | | |
| 185 | JBTP18_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040249 | | | X | | | | | | | | | | | |
| 186 | JBTP21_0.0-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040250 | | | X | | | | | | | | | | | |
| 187 | JBTP23_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040251 | | | X | | | | | | | | | | | |
| 188 | JBTP24_0.0- | Jun 13, 2024 | | Soil | S24-Jn0040252 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| | 0.2 | | | | | | | | | | | | | | | | | | |
| 189 | JBTP26_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040253 | | | X | | | | | | | | | | | |
| 190 | JBTP30_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040254 | | | X | | | | | | | | | | | |
| 191 | JBTP31_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040255 | | | X | | | | | | | | | | | |
| 192 | JBTP31_0.3-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040256 | | | X | | | | | | | | | | | |
| 193 | JBTP32_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040257 | | | X | | | | | | | | | | | |
| 194 | JBTP34_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040258 | | | X | | | | | | | | | | | |
| 195 | JBTP36_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040259 | | | X | | | | | | | | | | | |
| 196 | TB | Jun 12, 2024 | | Water | S24-Jn0040260 | | | | | | | | | | X | | | | |
| 197 | TS | Jun 13, 2024 | | Water | S24-Jn0040261 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 198 | TB | Jun 13, 2024 | | Water | S24-Jn0040262 | | | X | | | | | | | | | | | |
| **Test Counts** | | | | | | 1 | 60 | 59 | 1 | 1 | 32 | 16 | 16 | 33 | 11 | 77 | 1 | 26 | 10 |

# Certificate of Analysis

eurofins | Environment Testing

**NATA Accredited**
**Accreditation Number 1261**
**Site Number 18217**

Accredited for compliance with ISO/IEC 17025–Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**JBS & G Australia (NSW) P/L**
**Level 1, 50 Margaret St**
**Sydney**
**NSW 2000**

| | |
|---|---|
| **Attention:** | Daniel Saeed |
| **Report** | 1108483-AID |
| **Project Name** | Huntingwood |
| **Project ID** | 67299 |
| **Received Date** | Jun 17, 2024 |
| **Date Reported** | Jun 24, 2024 |

## Methodology:

| | |
|---|---|
| Asbestos Fibre Identification | Conducted in accordance with the Australian Standard AS 4964 – 2004: Method for the Qualitative Identification of Asbestos in Bulk Samples and in-house Method LTM-ASB-8020 by polarised light microscopy (PLM) and dispersion staining (DS) techniques.<br>*NOTE: Positive Trace Analysis results indicate the sample contains detectable respirable fibres.* |
| Unknown Mineral Fibres | Mineral fibres of unknown type, as determined by PLM with DS, may require another analytical technique, such as Electron Microscopy, to confirm unequivocal identity.<br>*NOTE: While Actinolite, Anthophyllite and Tremolite asbestos may be detected by PLM with DS, due to variability in the optical properties of these materials, AS4964 requires that these are reported as UMF unless confirmed by an independent technique.* |
| Subsampling Soil Samples | The whole sample submitted is first dried and then passed through a 10mm sieve followed by a 2mm sieve. All fibrous matter greater than 10mm, greater than 2mm as well as the material passing through the 2mm sieve are retained and analysed for the presence of asbestos. If the sub 2mm fraction is greater than approximately 30 to 60g then a sub-sampling routine based on ISO 3082:2009(E) is employed.<br>*NOTE: Depending on the nature and size of the soil sample, the sub-2 mm residue material may need to be sub-sampled for trace analysis, in accordance with AS 4964-2004.* |
| Bonded asbestos-containing material (ACM) | The material is first examined and any fibres isolated for identification by PLM and DS. Where required, interfering matrices may be removed by disintegration using a range of heat, chemical or physical treatments, possibly in combination.The resultant material is then further examined in accordance with AS 4964 - 2004.<br>*NOTE: Even after disintegration it may be difficult to detect the presence of asbestos in some asbestos-containing bulk materials using PLM and DS. This is due to the low grade or small length or diameter of the asbestos fibres present in the material, or to the fact that very fine fibres have been distributed intimately throughout the materials. Vinyl/asbestos floor tiles, some asbestos-containing sealants and mastics, asbestos-containing epoxy resins and some ore samples are examples of these types of material, which are difficult to analyse.* |
| Limit of Reporting | The performance limitation of the AS 4964 (2004) method for non-homogeneous samples is around 0.1 g/kg (equivalent to 0.01% (w/w)). Where no asbestos is found by PLM and DS, including Trace Analysis, this is considered to be at the nominal reporting limit of 0.01% (w/w).<br>The NEPM screening level of 0.001% (w/w) is intended as an on-site determination, not a laboratory Limit of Reporting (LOR), per se. Examination of a large sample size (e.g. 500 mL) may improve the likelihood of detecting asbestos, particularly AF, to aid assessment against the NEPM criteria. Gravimetric determinations to this level of accuracy are outside of AS 4964 and hence NATA Accreditation does not cover the performance of this service (non-NATA results shown with an asterisk).<br>*NOTE: NATA News March 2014, p.7, states in relation to AS 4964: "This is a qualitative method with a nominal reporting limit of 0.01 % " and that currently in Australia "there is no validated method available for the quantification of asbestos".This report is consistent with the analytical procedures and reporting recommendations in the NEPM and the WA DoH.* |

**Project Name** Huntingwood
**Project ID** 67299
**Date Sampled** Jun 12, 2024 to Jun 13, 2024
**Report** 1108483-AID

| Client Sample ID | Eurofins Sample No. | Date Sampled | Sample Description | Result |
|---|---|---|---|---|
| JBTP03_0.0-0.2 | 24-Jn0040142 | Jun 12, 2024 | Approximate Sample 675g<br>Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP03_0.2-0.6 | 24-Jn0040143 | Jun 12, 2024 | Approximate Sample 642g<br>Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP03_1.2-1.8 | 24-Jn0040144 | Jun 12, 2024 | Approximate Sample 693g<br>Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP03_1.8-2.4 | 24-Jn0040145 | Jun 12, 2024 | Approximate Sample 771g<br>Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP03_2.4-3.2 | 24-Jn0040146 | Jun 12, 2024 | Approximate Sample 805g<br>Sample consisted of: Brown fine-grained clayey soil, bitumen, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP04_0.3-1.0 | 24-Jn0040147 | Jun 12, 2024 | Approximate Sample 577g<br>Sample consisted of: Brown fine-grained clayey soil, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP04_0.0-0.3 | 24-Jn0040148 | Jun 12, 2024 | Approximate Sample 563g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP04_1.0-1.5 | 24-Jn0040149 | Jun 12, 2024 | Approximate Sample 574g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |

| Client Sample ID | Eurofins Sample No. | Date Sampled | Sample Description | Result |
|---|---|---|---|---|
| JBTP04_1.5-2.4 | 24-Jn0040150 | Jun 12, 2024 | Approximate Sample 592g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP04_2.4-3.2 | 24-Jn0040151 | Jun 12, 2024 | Approximate Sample 714g<br>Sample consisted of: Grey coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| QC01 | 24-Jn0040152 | Jun 12, 2024 | Approximate Sample 483g / >500ml<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP05_0.0-1.0 | 24-Jn0040153 | Jun 12, 2024 | Approximate Sample 564g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP05_1.0-2.0 | 24-Jn0040154 | Jun 12, 2024 | Approximate Sample 632g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP05_2.0-2.5 | 24-Jn0040155 | Jun 12, 2024 | Approximate Sample 583g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP06_0.0-1.0 | 24-Jn0040156 | Jun 12, 2024 | Approximate Sample 673g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP06_1.0-2.0 | 24-Jn0040157 | Jun 12, 2024 | Approximate Sample 616g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP06_2.0-2.4 | 24-Jn0040158 | Jun 12, 2024 | Approximate Sample 957g<br>Sample consisted of: Black-Grey coarse-grained sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP06_2.4-3.2 | 24-Jn0040159 | Jun 12, 2024 | Approximate Sample 601g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP07_0.0-0.5 | 24-Jn0040160 | Jun 12, 2024 | Approximate Sample 623g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP08_0.0-1.0 | 24-Jn0040161 | Jun 12, 2024 | Approximate Sample 635g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP08_1.0-2.0 | 24-Jn0040162 | Jun 12, 2024 | Approximate Sample 625g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |

| Client Sample ID | Eurofins Sample No. | Date Sampled | Sample Description | Result |
|---|---|---|---|---|
| JBTP09_0.0-1.0 | 24-Jn0040163 | Jun 12, 2024 | Approximate Sample 653g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP09_1.0-1.5 | 24-Jn0040164 | Jun 12, 2024 | Approximate Sample 726g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP09_1.5-1.9 | 24-Jn0040165 | Jun 12, 2024 | Approximate Sample 653g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP10_0.0-0.8 | 24-Jn0040166 | Jun 12, 2024 | Approximate Sample 619g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP12_0.0-1.0 | 24-Jn0040167 | Jun 12, 2024 | Approximate Sample 627g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP13_0.0-1.0 | 24-Jn0040168 | Jun 12, 2024 | Approximate Sample 564g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP13_1.0-2.0 | 24-Jn0040169 | Jun 12, 2024 | Approximate Sample 743g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP14_0.0-1.0 | 24-Jn0040170 | Jun 13, 2024 | Approximate Sample 598g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP14_1.0-1.5 | 24-Jn0040171 | Jun 13, 2024 | Approximate Sample 647g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material, corroded metal and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP15_0.0-1.0 | 24-Jn0040172 | Jun 13, 2024 | Approximate Sample 565g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP16_0.0-1.0 | 24-Jn0040173 | Jun 13, 2024 | Approximate Sample 575g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP16_1.0-1.8 | 24-Jn0040174 | Jun 13, 2024 | Approximate Sample 606g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| QCAQ20240613_01 | 24-Jn0040175 | Jun 13, 2024 | Approximate Sample 517g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |

| Client Sample ID | Eurofins Sample No. | Date Sampled | Sample Description | Result |
|---|---|---|---|---|
| JBTP17_0.0-1.0 | 24-Jn0040176 | Jun 13, 2024 | Approximate Sample 554g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP17_1.0-2.0 | 24-Jn0040177 | Jun 13, 2024 | Approximate Sample 629g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP19_0.0-1.0 | 24-Jn0040178 | Jun 13, 2024 | Approximate Sample 690g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP19_1.0-1.5 | 24-Jn0040179 | Jun 13, 2024 | Approximate Sample 573g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| QCAQ20240613_02 | 24-Jn0040180 | Jun 13, 2024 | Approximate Sample 721g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP20_0.0-1.0 | 24-Jn0040181 | Jun 13, 2024 | Approximate Sample 392g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP20_1.0-1.5 | 24-Jn0040182 | Jun 13, 2024 | Approximate Sample 586g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP21_0.2-0.5 | 24-Jn0040183 | Jun 13, 2024 | Approximate Sample 386g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| QCAQ20240613_03 | 24-Jn0040184 | Jun 13, 2024 | Approximate Sample 420g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP22_0.0-1.0 | 24-Jn0040185 | Jun 13, 2024 | Approximate Sample 669g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, sand stone and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP22_1.0-1.5 | 24-Jn0040186 | Jun 13, 2024 | Approximate Sample 573g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP25_0.0-1.0 | 24-Jn0040187 | Jun 12, 2024 | Approximate Sample 764g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP25_1.0-1.8 | 24-Jn0040188 | Jun 12, 2024 | Approximate Sample 623g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |

| Client Sample ID | Eurofins Sample No. | Date Sampled | Sample Description | Result |
|---|---|---|---|---|
| JBTP27_0.0-0.2 | 24-Jn0040189 | Jun 13, 2024 | Approximate Sample 522g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP27_0.2-0.5 | 24-Jn0040190 | Jun 13, 2024 | Approximate Sample 456g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP27_0.5-1.5 | 24-Jn0040191 | Jun 13, 2024 | Approximate Sample 628g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP27_1.5-1.8 | 24-Jn0040192 | Jun 13, 2024 | Approximate Sample 657g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP28_0.0-1.0 | 24-Jn0040193 | Jun 13, 2024 | Approximate Sample 520g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil, organic debris and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP29_0.0-0.8 | 24-Jn0040194 | Jun 13, 2024 | Approximate Sample 569g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP29_0.8-1.0 | 24-Jn0040195 | Jun 13, 2024 | Approximate Sample 505g<br>Sample consisted of: Red-Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP33_0.0-1.0 | 24-Jn0040196 | Jun 12, 2024 | Approximate Sample 750g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP33_1.0-2.0 | 24-Jn0040197 | Jun 12, 2024 | Approximate Sample 768g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, glass fragments, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP33_2.0-3.0 | 24-Jn0040198 | Jun 12, 2024 | Approximate Sample 713g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP33_3.0-3.2 | 24-Jn0040199 | Jun 12, 2024 | Approximate Sample 693g<br>Sample consisted of: Brown coarse-grained clayey sandy soil and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP35_0.0-1.0 | 24-Jn0040200 | Jun 12, 2024 | Approximate Sample 630g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |
| JBTP35_1.0-1.5 | 24-Jn0040201 | Jun 12, 2024 | Approximate Sample 877g<br>Sample consisted of: Brown coarse-grained clayey sandy soil, bitumen like material and rocks | No asbestos detected at the reporting limit of 0.001% w/w.*<br>Organic fibre detected.<br>No trace asbestos detected. |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Asbestos - LTM-ASB-8020 | Sydney | Jun 17, 2024 | Indefinite |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | X | | | | | | | | | | | | | |
| **External Laboratory** | | | | | | | | | | | | | | |

| No | Sample ID | Sample Date | Sampling Time | Matrix | LAB ID | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JBTP01_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040065 | | | | | | | | X | X | X | | X | X |
| 2 | JBTP01_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040066 | | | | | | | | X | | X | | X | |
| 3 | JBTP01_0.6-0.7 | Jun 12, 2024 | | Soil | S24-Jn0040067 | | | | | | X | X | | | X | | | |
| 4 | JBTP02_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040068 | | | | | X | | | X | | X | | | X |
| 5 | JBTP02_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040069 | | | | | X | | | X | | X | | | |
| 6 | JBTP03_0.2-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040070 | | | | | X | | | | | X | | X | |
| 7 | JBTP03_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040071 | | | | | X | | | X | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 8 | JBTP03_1.1-1.2 | Jun 12, 2024 | | Soil | S24-Jn0040072 | | | | | | | | | X | | X | | | |
| 9 | JBTP03_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040073 | | | | | | | X | X | | | X | | | |
| 10 | JBTP03_1.9-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040074 | | | | | | | | | | | X | | X | |
| 11 | JBTP03_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040075 | | | | | | | | | X | | X | | | |
| 12 | JBTP04_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040076 | | | | | | | | | | | X | | X | |
| 13 | JBTP04_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040077 | | | | | | X | | | | | X | | | |
| 14 | JBTP04_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040078 | | | | | | | | | | | X | | X | |
| 15 | JBTP04_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040079 | | | | | | X | | | | | X | | | |
| 16 | JBTP04_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040080 | | | | | | X | | | X | X | X | | X | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 17 | QC01 | Jun 12, 2024 | | Soil | S24-Jn0040081 | | | | | | X | | | X | X | X | | X | X |
| 18 | JBTP05_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040082 | | | | | | X | X | X | X | | X | | X | |
| 19 | JBTP05_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040083 | | | | | | | | | | | X | | | X |
| 20 | JBTP06_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040084 | | | | | | | X | X | X | | X | | | |
| 21 | JBTP06_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040085 | | | | | | | | | X | | X | | | |
| 22 | JBTP06_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040086 | | | | | | | | | X | | X | | | |
| 23 | JBTP06_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040087 | | | | | | | | | X | | X | | | |
| 24 | JBTP07_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040088 | | | | | | | | | | | X | | | X |
| 25 | JBTP07_0.4-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040089 | | | | | | | | | X | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 26 | JBTP08_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040090 | | | | | | | | | X | | X | | | |
| 27 | JBTP08_1.1-1.2 | Jun 12, 2024 | | Soil | S24-Jn0040091 | | | | | | | | | X | X | X | | X | |
| 28 | JBTP08_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040092 | | | | | | | | | X | | X | | | |
| 29 | JBTP09_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040093 | | | | | | | X | X | X | | X | | | |
| 30 | JBTP09_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040094 | | | | | | | | | X | | X | | | |
| 31 | JBTP09_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040095 | | | | | | | | | | X | X | | X | |
| 32 | JBTP10_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040096 | | | | | | | | | X | | X | | | |
| 33 | JBTP11_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040097 | | | | | | X | | | | | X | | | |
| 34 | JBTP11_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040098 | X | | | X | X | X | | | | | X | X | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 35 | JBTP12_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040099 | | | | | | X | | | | | X | | | |
| 36 | JBTP13_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040100 | | | | | | X | | | X | | X | | | |
| 37 | JBTP13_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040101 | | | | | | X | | | | | X | | | |
| 38 | JBTP13_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040102 | | | | | | | | | X | | X | | | |
| 39 | JBTP14_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040103 | | | | | | | X | X | X | | X | | X | |
| 40 | JBTP14_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040104 | | | | | | | | | X | | X | | X | |
| 41 | JBTP14_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040105 | | | | | | X | | | | | X | | | |
| 42 | JBTP14_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040106 | | | | | | | | | X | | X | | | |
| 43 | JBTP15_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040107 | | | | | | X | | | X | | X | | | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 44 | JBTP15_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040108 | | | | | | X | | | | | X | | | |
| 45 | JBTP15_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040109 | | | | | | | | | | | X | | X | |
| 46 | JBTP16_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040110 | | | | | | X | | | | | X | | X | |
| 47 | JBTP16_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040111 | | | | | | X | | | X | | X | | X | |
| 48 | JBTP16_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040112 | | | | | | X | | | X | | X | | | X |
| 49 | JBTP16_1.7-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040113 | | | | | | | | | X | | X | | | |
| 50 | QC20240613_01 | Jun 13, 2024 | | Soil | S24-Jn0040114 | | | | | | X | | | X | | X | | | X |
| 51 | JBTP17_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040115 | | | | | | X | | | | | X | | | |
| 52 | JBTP17_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040116 | | | | | | X | | | | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 53 | JBTP17_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040117 | | | | | | X | X | X | | | X | | | |
| 54 | JBTP17_1.5-1.6 | Jun 13, 2024 | | Soil | S24-Jn0040118 | | | | | | | | | | | X | | X | |
| 55 | JBTP18_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040119 | | | | | | X | | | | | X | | | |
| 56 | JBTP19_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040120 | | | | | | X | | | | | X | | | |
| 57 | JBTP19_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040121 | | | | | | X | | | | | X | | | |
| 58 | JBTP20_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040122 | | | | | | | X | X | | X | X | | X | |
| 59 | JBTP20_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040123 | | | | | | | X | X | X | | X | | | X |
| 60 | JBTP20_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040124 | | | | | | | | | | | X | | X | |
| 61 | QC20240613_02 | Jun 13, 2024 | | Soil | S24-Jn0040125 | | | | | | | X | X | X | X | X | | X | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 62 | JBTP21_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040126 | | | | | | X | | | | | X | | | |
| 63 | QC20240613_03 | Jun 13, 2024 | | Soil | S24-Jn0040127 | | | | | | X | | | | | X | | | |
| 64 | JBTP22_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040128 | | | | | | X | | | | | X | | | |
| 65 | JBTP25_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040129 | | | | | | | X | X | | | X | | | |
| 66 | JBTP27_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040130 | | | | | | | | | | X | X | | X | |
| 67 | JBTP27_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040131 | | | | | | | | | | X | X | | X | |
| 68 | JBTP30_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040132 | | | | | | | X | X | | | X | | | |
| 69 | JBTP31_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040133 | | | | | | | | | | | X | | X | |
| 70 | JBTP31_0.3-0.4 | Jun 13, 2024 | | Soil | S24-Jn0040134 | | | | | | | | | | | X | | X | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 71 | JBTP32_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040135 | | | | | | | X | X | | | X | | | |
| 72 | JBTP33_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040136 | | | | | | X | X | X | | | X | | | |
| 73 | JBTP34_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040137 | | | | | | | X | X | | | X | | | |
| 74 | JBTP35_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040138 | | | | | | | | | | | X | | X | |
| 75 | JBTP35_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040139 | | | | | | | | | | | X | | X | |
| 76 | JBTP36_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040140 | | | | | | X | | | | | X | | | |
| 77 | QC02 | Jun 12, 2024 | | Soil | S24-Jn0040141 | | | | | | | X | X | | | X | | | |
| 78 | JBTP03_0.0-0.2 | Jun 12, 2024 | | Soil | S24-Jn0040142 | | X | | | | | | | | | | | | |
| 79 | JBTP03_0.2-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040143 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 80 | JBTP03_1.2-1.8 | Jun 12, 2024 | | Soil | S24-Jn0040144 | | X | | | | | | | | | | | | |
| 81 | JBTP03_1.8-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040145 | | X | | | | | | | | | | | | |
| 82 | JBTP03_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040146 | | X | | | | | | | | | | | | |
| 83 | JBTP04_0.3-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040147 | | X | | | | | | | | | | | | |
| 84 | JBTP04_0.0-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040148 | | X | | | | | | | | | | | | |
| 85 | JBTP04_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040149 | | X | | | | | | | | | | | | |
| 86 | JBTP04_1.5-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040150 | | X | | | | | | | | | | | | |
| 87 | JBTP04_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040151 | | X | | | | | | | | | | | | |
| 88 | QC01 | Jun 12, 2024 | | Soil | S24-Jn0040152 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 89 | JBTP05_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040153 | | X | | | | | | | | | | | | |
| 90 | JBTP05_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040154 | | X | | | | | | | | | | | | |
| 91 | JBTP05_2.0-2.5 | Jun 12, 2024 | | Soil | S24-Jn0040155 | | X | | | | | | | | | | | | |
| 92 | JBTP06_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040156 | | X | | | | | | | | | | | | |
| 93 | JBTP06_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040157 | | X | | | | | | | | | | | | |
| 94 | JBTP06_2.0-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040158 | | X | | | | | | | | | | | | |
| 95 | JBTP06_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040159 | | X | | | | | | | | | | | | |
| 96 | JBTP07_0.0-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040160 | | X | | | | | | | | | | | | |
| 97 | JBTP08_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040161 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 98 | JBTP08_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040162 | | X | | | | | | | | | | | | |
| 99 | JBTP09_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040163 | | X | | | | | | | | | | | | |
| 100 | JBTP09_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040164 | | X | | | | | | | | | | | | |
| 101 | JBTP09_1.5-1.9 | Jun 12, 2024 | | Soil | S24-Jn0040165 | | X | | | | | | | | | | | | |
| 102 | JBTP10_0.0-0.8 | Jun 12, 2024 | | Soil | S24-Jn0040166 | | X | | | | | | | | | | | | |
| 103 | JBTP12_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040167 | | X | | | | | | | | | | | | |
| 104 | JBTP13_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040168 | | X | | | | | | | | | | | | |
| 105 | JBTP13_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040169 | | X | | | | | | | | | | | | |
| 106 | JBTP14_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040170 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 107 | JBTP14_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040171 | | X | | | | | | | | | | | | |
| 108 | JBTP15_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040172 | | X | | | | | | | | | | | | |
| 109 | JBTP16_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040173 | | X | | | | | | | | | | | | |
| 110 | JBTP16_1.0-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040174 | | X | | | | | | | | | | | | |
| 111 | QCAQ20240613_01 | Jun 13, 2024 | | Soil | S24-Jn0040175 | | X | | | | | | | | | | | | |
| 112 | JBTP17_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040176 | | X | | | | | | | | | | | | |
| 113 | JBTP17_1.0-2.0 | Jun 13, 2024 | | Soil | S24-Jn0040177 | | X | | | | | | | | | | | | |
| 114 | JBTP19_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040178 | | X | | | | | | | | | | | | |
| 115 | JBTP19_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040179 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 116 | QCAQ20240613_02 | Jun 13, 2024 | | Soil | S24-Jn0040180 | | X | | | | | | | | | | | | |
| 117 | JBTP20_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040181 | | X | | | | | | | | | | | | |
| 118 | JBTP20_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040182 | | X | | | | | | | | | | | | |
| 119 | JBTP21_0.2-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040183 | | X | | | | | | | | | | | | |
| 120 | QCAQ20240613_03 | Jun 13, 2024 | | Soil | S24-Jn0040184 | | X | | | | | | | | | | | | |
| 121 | JBTP22_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040185 | | X | | | | | | | | | | | | |
| 122 | JBTP22_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040186 | | X | | | | | | | | | | | | |
| 123 | JBTP25_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040187 | | X | | | | | | | | | | | | |
| 124 | JBTP25_1.0-1.8 | Jun 12, 2024 | | Soil | S24-Jn0040188 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 125 | JBTP27_0.0-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040189 | | X | | | | | | | | | | | | |
| 126 | JBTP27_0.2-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040190 | | X | | | | | | | | | | | | |
| 127 | JBTP27_0.5-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040191 | | X | | | | | | | | | | | | |
| 128 | JBTP27_1.5-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040192 | | X | | | | | | | | | | | | |
| 129 | JBTP28_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040193 | | X | | | | | | | | | | | | |
| 130 | JBTP29_0.0-0.8 | Jun 13, 2024 | | Soil | S24-Jn0040194 | | X | | | | | | | | | | | | |
| 131 | JBTP29_0.8-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040195 | | X | | | | | | | | | | | | |
| 132 | JBTP33_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040196 | | X | | | | | | | | | | | | |
| 133 | JBTP33_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040197 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 134 | JBTP33_2.0-3.0 | Jun 12, 2024 | | Soil | S24-Jn0040198 | | X | | | | | | | | | | | | |
| 135 | JBTP33_3.0-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040199 | | X | | | | | | | | | | | | |
| 136 | JBTP35_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040200 | | X | | | | | | | | | | | | |
| 137 | JBTP35_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040201 | | X | | | | | | | | | | | | |
| 138 | TS | Jun 12, 2024 | | Water | S24-Jn0040202 | | | | | | | | | | X | | | | |
| 139 | JBTP03_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040203 | | | X | | | | | | | | | | | |
| 140 | JBTP04_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040204 | | | X | | | | | | | | | | | |
| 141 | JBTP04_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040205 | | | X | | | | | | | | | | | |
| 142 | JBTP05_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040206 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 143 | JBTP05_2.4-2.5 | Jun 12, 2024 | | Soil | S24-Jn0040207 | | | X | | | | | | | | | | | |
| 144 | JBTP05_2.9-3.0 | Jun 12, 2024 | | Soil | S24-Jn0040208 | | | X | | | | | | | | | | | |
| 145 | JBTP09_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040209 | | | X | | | | | | | | | | | |
| 146 | JBTP10_0.7-0.8 | Jun 12, 2024 | | Soil | S24-Jn0040210 | | | X | | | | | | | | | | | |
| 147 | JBTP10_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040211 | | | X | | | | | | | | | | | |
| 148 | JBTP12_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040212 | | | X | | | | | | | | | | | |
| 149 | JBTP18_0.2-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040213 | | | X | | | | | | | | | | | |
| 150 | JBTP19_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040214 | | | X | | | | | | | | | | | |
| 151 | JBTP19_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040215 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 152 | JBTP20_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040216 | | | X | | | | | | | | | | | |
| 153 | JBTP21_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040217 | | | X | | | | | | | | | | | |
| 154 | JBTP22_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040218 | | | X | | | | | | | | | | | |
| 155 | JBTP22_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040219 | | | X | | | | | | | | | | | |
| 156 | JBTP22_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040220 | | | X | | | | | | | | | | | |
| 157 | JBTP23_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040221 | | | X | | | | | | | | | | | |
| 158 | JBTP24_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040222 | | | X | | | | | | | | | | | |
| 159 | JBTP24_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040223 | | | X | | | | | | | | | | | |
| 160 | JBTP25_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040224 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 161 | JBTP25_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040225 | | | X | | | | | | | | | | | |
| 162 | JBTP26_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040226 | | | X | | | | | | | | | | | |
| 163 | JBTP27_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040227 | | | X | | | | | | | | | | | |
| 164 | JBTP27_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040228 | | | X | | | | | | | | | | | |
| 165 | JBTP27_1.7-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040229 | | | X | | | | | | | | | | | |
| 166 | JBTP28_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040230 | | | X | | | | | | | | | | | |
| 167 | JBTP28_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040231 | | | X | | | | | | | | | | | |
| 168 | JBTP28_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040232 | | | X | | | | | | | | | | | |
| 169 | JBTP28_1.1-1.2 | Jun 13, 2024 | | Soil | S24-Jn0040233 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 170 | JBTP29_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040234 | | | X | | | | | | | | | | | |
| 171 | JBTP29_0.7-0.8 | Jun 13, 2024 | | Soil | S24-Jn0040235 | | | X | | | | | | | | | | | |
| 172 | JBTP29_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040236 | | | X | | | | | | | | | | | |
| 173 | JBTP31_0.5-0.6 | Jun 13, 2024 | | Soil | S24-Jn0040237 | | | X | | | | | | | | | | | |
| 174 | JBTP33_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040238 | | | X | | | | | | | | | | | |
| 175 | JBTP33_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040239 | | | X | | | | | | | | | | | |
| 176 | JBTP33_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040240 | | | X | | | | | | | | | | | |
| 177 | JBTP03_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040241 | | | X | | | | | | | | | | | |
| 178 | JBTP03_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040242 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 179 | JBTP04_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040243 | | | X | | | | | | | | | | | |
| 180 | QC04 | Jun 12, 2024 | | Soil | S24-Jn0040244 | | | X | | | | | | | | | | | |
| 181 | QC04 | Jun 12, 2024 | | Soil | S24-Jn0040245 | | | X | | | | | | | | | | | |
| 182 | JBTP01_0.0-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040246 | | | X | | | | | | | | | | | |
| 183 | JBTP02_0.0-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040247 | | | X | | | | | | | | | | | |
| 184 | JBTP11_0.0-0.2 | Jun 12, 2024 | | Soil | S24-Jn0040248 | | | X | | | | | | | | | | | |
| 185 | JBTP18_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040249 | | | X | | | | | | | | | | | |
| 186 | JBTP21_0.0-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040250 | | | X | | | | | | | | | | | |
| 187 | JBTP23_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040251 | | | X | | | | | | | | | | | |
| 188 | JBTP24_0.0- | Jun 13, 2024 | | Soil | S24-Jn0040252 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| | 0.2 | | | | | | | | | | | | | | | | | | |
| 189 | JBTP26_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040253 | | | X | | | | | | | | | | | |
| 190 | JBTP30_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040254 | | | X | | | | | | | | | | | |
| 191 | | Jun 13, 2024 | | Soil | S24-Jn0040255 | | | X | | | | | | | | | | | |
| 192 | JBTP31_0.3-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040256 | | | X | | | | | | | | | | | |
| 193 | JBTP32_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040257 | | | X | | | | | | | | | | | |
| 194 | JBTP34_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040258 | | | X | | | | | | | | | | | |
| 195 | JBTP36_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040259 | | | X | | | | | | | | | | | |
| 196 | TB | Jun 12, 2024 | | Water | S24-Jn0040260 | | | | | | | | | | X | | | | |
| 197 | TS | Jun 13, 2024 | | Water | S24-Jn0040261 | | | X | | | | | | | | | | | |
| 198 | TB | Jun 13, 2024 | | Water | S24-Jn0040262 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** Overnight
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | X | X | X | | X | X | X | X | X | X | X | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | X | | | | | | | | | | | | | |
| **Test Counts** | 1 | 60 | 59 | 1 | 1 | 32 | 16 | 16 | 33 | 11 | 77 | 1 | 26 | 10 |

## Internal Quality Control Review and Glossary General

1. QC data may be available on request.
2. All soil results are reported on a dry basis, unless otherwise stated.
3. Samples were analysed on an 'as received' basis.
4. Information identified on this report with the colour **blue** indicates data provided by customer that may have an impact on the results.
5. This report replaces any interim results previously issued.

## Holding Times

Please refer to the most recent version of the 'Sample Preservation and Container Guide' for holding times (QS3001).
If the Laboratory did not receive the information in the required timeframe, and regardless of any other integrity issues, suitably qualified results may still be reported. Holding times apply from the date of sampling, therefore compliance to these may be outside the laboratory's control.

## Units

| | |
|---|---|
| % w/w: | Percentage weight-for-weight basis, e.g. of asbestos in asbestos-containing finds in soil samples (**% w/w**) |
| F/fld | Airborne fibre filter loading as Fibres (**N**) per Fields counted (**n**) |
| F/mL | Airborne fibre reported concentration as Fibres per millilitre of air drawn over the sampler membrane (**C**) |
| g, kg | Mass, e.g. of whole sample (**M**) or asbestos-containing find within the sample (**m**) |
| g/kg | Concentration in grams per kilogram |
| L, mL | Volume, e.g. of air as measured in AFM (**V** = **r** x **t**) |
| L/min | Airborne fibre sampling Flowrate as litres per minute of air drawn over the sampler membrane (**r**) |
| min | Time (**t**), e.g. of air sample collection period |

## Calculations

Airborne Fibre Concentration: $C = \left(\frac{A}{a}\right) \times \left(\frac{N}{n}\right) \times \left(\frac{1}{r}\right) \times \left(\frac{1}{t}\right) = K \times \left(\frac{N}{n}\right) \times \left(\frac{1}{V}\right)$

Asbestos Content (as asbestos): $\%\, w/w = \frac{(m \times P_A)}{M}$

Weighted Average (of asbestos): $\%_{WA} = \sum \frac{(m \times P_A)_x}{x}$

## Terms

| | |
|---|---|
| **%asbestos** | Estimated percentage of asbestos in a given matrix may be derived from knowledge or experience of the material, informed by HSG264 *Appendix 2*, else assumed to be 15% in accordance with WA DOH *Appendix 2* (**$P_A$**). This estimate is not NATA-accredited. |
| **ACM** | Asbestos Containing Materials. Asbestos contained within a non-asbestos matrix, typically presented in bonded (non-friable) condition. For the purposes of the NEPM and WA DOH, ACM corresponds to material larger than 7 mm x 7 mm. |
| **AF** | Asbestos Fines. Asbestos contamination within a soil sample, as defined by WA DOH. Includes loose fibre bundles and small pieces of friable and non-friable material such as asbestos cement fragments mixed with soil. Considered under the NEPM as equivalent to “non-bonded / friable”. |
| **AFM** | Airborne Fibre Monitoring, e.g., by the MFM. |
| **Amosite** | Amosite Asbestos Detected. Amosite may also refer to Fibrous Grunerite or Brown Asbestos. Identified in accordance with AS 4964-2004. |
| **AS** | Australian Standard. |
| **Asbestos Content (as asbestos)** | Total %w/w asbestos content in asbestos-containing finds in a soil sample (**% w/w**). |
| **Chrysotile** | Chrysotile Asbestos Detected. Chrysotile may also refer to Fibrous Serpentine or White Asbestos. Identified in accordance with AS 4964-2004. |
| **COC** | Chain of Custody. |
| **Crocidolite** | Crocidolite Asbestos Detected. Crocidolite may also refer to Fibrous Riebeckite or Blue Asbestos. Identified in accordance with AS 4964-2004. |
| **Dry** | Sample is dried by heating prior to analysis. |
| **DS** | Dispersion Staining. Technique required for Unequivocal Identification of asbestos fibres by PLM. |
| **FA** | Fibrous Asbestos. Asbestos containing material that is wholly or in part friable, including materials with higher asbestos content with a propensity to become friable with handling, and any material that was previously non-friable and in a severely degraded condition. For the purposes of the NEPM and WA DOH, FA generally corresponds to material larger than 7 mm x 7 mm, although FA may be more difficult to visibly distinguish and may be assessed as AF. |
| **Fibre Count** | Total of all fibres (whether asbestos or not) meeting the counting criteria set out in the NOHSC:3003 |
| **Fibre ID** | Fibre Identification. Unequivocal identification of asbestos fibres according to AS 4964-2004. Includes Chrysotile, Amosite (Grunerite) or Crocidolite asbestos. |
| **Friable** | Asbestos-containing materials of any size that may be broken or crumbled by hand pressure. For the purposes of the NEPM, this includes both AF and FA. It is outside of the laboratory’s remit to assess degree of friability. |
| **HSG248** | UK HSE HSG248, *Asbestos: The Analysts Guide*, 2nd Edition (2021). |
| **HSG264** | UK HSE HSG264, *Asbestos: The Survey Guide* (2012). |
| **ISO (also ISO/IEC)** | International Organization for Standardization / International Electrotechnical Commission. |
| **K Factor** | Microscope constant (**K**) as derived from the effective filter area of the given AFM membrane used for collecting the sample (**A**) and the projected eyepiece graticule area of the specific microscope used for the analysis (**a**). |
| **LOR** | Limit of Reporting. |
| **MFM (also NOHSC:3003)** | Membrane Filter Method. As described by the Australian Government National Occupational Health and Safety Commission, *Guidance Note on the Membrane Filter Method for Estimating Airborne Asbestos Fibres*, 2nd Edition [NOHSC:3003(2005)]. |
| **NEPM (also ASC NEPM)** | National Environment Protection (Assessment of Site Contamination) Measure, (2013, as amended). |
| **Organic** | Organic Fibres Detected. Organic may refer to Natural or Man-Made Polymeric Fibres. Identified in accordance with AS 4964-2004. |
| **PCM** | Phase Contrast Microscopy. As used for Fibre Counting according to the MFM. |
| **PLM** | Polarised Light Microscopy. As used for Fibre Identification and Trace Analysis according to AS 4964-2004. |
| **Sampling** | Unless otherwise stated Eurofins are not responsible for sampling equipment or the sampling process. |
| **SMF** | Synthetic Mineral Fibre Detected. SMF may also refer to Man Made Vitreous Fibres. Identified in accordance with AS 4964-2004. |
| **SRA** | Sample Receipt Advice. |
| **Trace Analysis** | Analytical procedure used to detect the presence of respirable fibres (particularly asbestos) in a given sample matrix. |
| **UK HSE HSG** | United Kingdom, Health and Safety Executive, Health and Safety Guidance, publication. |
| **UMF** | Unidentified Mineral Fibre Detected. Fibrous minerals that are detected but have not been unequivocally identified by PLM with DS according the AS 4964-2004. May include (but not limited to) Actinolite, Anthophyllite or Tremolite asbestos. |
| **WA DOH** | Reference document for the NEPM. Government of Western Australia, *Guidelines for the Assessment, Remediation and Management of Asbestos-Contaminated Sites in Western Australia* (updated 2021), including Appendix Four: *Laboratory analysis* |
| **Weighted Average** | Combined average %w/w asbestos content of all asbestos-containing finds in the given aliquot or total soil sample (**$\%_{WA}$**). |

## Comments

Samples Jn0040181, Jn0040183-Jn0040184 & Jn0040190 received were less than the nominal 500mL as recommended in Section 4.10 of the NEPM Schedule B1 - Guideline on Investigation Levels for Soil and Groundwater.

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | No |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Asbestos Counter/Identifier:

| | |
|---|---|
| Bennel Jiri | Senior Analyst-Asbestos |

## Authorised by:

| | |
|---|---|
| Sayeed Abu | Senior Analyst-Asbestos |

**Glenn Jackson**
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

**JBS & G Australia (NSW) P/L**
**Level 1, 50 Margaret St**
**Sydney**
**NSW 2000**

**NATA Accredited**
**Accreditation Number 1261**
**Site Number 18217**

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** **Daniel Saeed**

**Report** **1108483-S**
Project name Huntingwood
Project ID 67299
Received Date Jun 17, 2024

| **Client Sample ID** | | | **JBTP01_0.0-0.1** | **JBTP01_0.3-0.4** | **JBTP01_0.6-0.7** | **JBTP02_0.0-0.1** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0040065** | **S24-Jn0040066** | **S24-Jn0040067** | **S24-Jn0040068** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C10-C14 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C15-C28 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C29-C36 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C10-C36 (Total) | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C6-C10 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH >C10-C16 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH >C16-C34 | 100 | mg/kg | < 100 | < 100 | - | - |
| TRH >C34-C40 | 100 | mg/kg | < 100 | < 100 | - | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | < 100 | < 100 | - | - |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Toluene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Ethylbenzene | 0.1 | mg/kg | < 0.1 | - | - | - |
| m&p-Xylenes | 0.2 | mg/kg | < 0.2 | - | - | - |
| o-Xylene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Xylenes - Total* | 0.3 | mg/kg | < 0.3 | - | - | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | 91 | - | - | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | 8.0 | 7.2 | - | 5.7 |
| Cadmium | 0.4 | mg/kg | < 0.4 | < 0.4 | - | < 0.4 |
| Chromium | 5 | mg/kg | 19 | 16 | - | 17 |
| Copper | 5 | mg/kg | 27 | 17 | - | 19 |
| Lead | 5 | mg/kg | 50 | 19 | - | 31 |
| Mercury | 0.1 | mg/kg | < 0.1 | < 0.1 | - | < 0.1 |
| Nickel | 5 | mg/kg | 19 | 10 | - | 11 |
| Zinc | 5 | mg/kg | 85 | 27 | - | 37 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 28 | 19 | 17 | 19 |

| Client Sample ID | | | JBTP01_0.0-0.1 | JBTP01_0.3-0.4 | JBTP01_0.6-0.7 | JBTP02_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040065 | S24-Jn0040066 | S24-Jn0040067 | S24-Jn0040068 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| 13C4-PFBA (surr.) | 1 | % | 98 | - | - | 93 |
| 13C5-PFPeA (surr.) | 1 | % | 128 | - | - | 123 |
| 13C5-PFHxA (surr.) | 1 | % | 94 | - | - | 93 |
| 13C4-PFHpA (surr.) | 1 | % | 101 | - | - | 125 |
| 13C8-PFOA (surr.) | 1 | % | 99 | - | - | 80 |
| 13C5-PFNA (surr.) | 1 | % | 102 | - | - | 96 |
| 13C6-PFDA (surr.) | 1 | % | 88 | - | - | 92 |
| 13C2-PFUnDA (surr.) | 1 | % | 111 | - | - | 107 |
| 13C2-PFDoDA (surr.) | 1 | % | 98 | - | - | 110 |
| 13C2-PFTeDA (surr.) | 1 | % | 97 | - | - | 105 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | < 10 | - | - | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | < 10 | - | - | < 10 |
| 13C8-FOSA (surr.) | 1 | % | 92 | - | - | 99 |
| D3-N-MeFOSA (surr.) | 1 | % | 78 | - | - | 80 |
| D5-N-EtFOSA (surr.) | 1 | % | 90 | - | - | 87 |
| D7-N-MeFOSE (surr.) | 1 | % | 97 | - | - | 93 |
| D9-N-EtFOSE (surr.) | 1 | % | 86 | - | - | 95 |
| D5-N-EtFOSAA (surr.) | 1 | % | 116 | - | - | 108 |
| D3-N-MeFOSAA (surr.) | 1 | % | 102 | - | - | 105 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | < 5 | - | - | < 5 |

| Client Sample ID | | | JBTP01_0.0-0.1 | JBTP01_0.3-0.4 | JBTP01_0.6-0.7 | JBTP02_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040065 | S24-Jn0040066 | S24-Jn0040067 | S24-Jn0040068 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 114 | - | - | 107 |
| 18O2-PFHxS (surr.) | 1 | % | 116 | - | - | 117 |
| 13C8-PFOS (surr.) | 1 | % | 104 | - | - | 98 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | < 10 | - | - | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | < 5 | - | - | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 100 | - | - | 113 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 80 | - | - | 62 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 79 | - | - | 71 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 142 | - | - | 132 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | < 5 | - | - | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | < 5 | - | - | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | < 5 | - | - | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | < 10 | - | - | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | < 50 | - | - | < 50 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | - | - | < 0.1 | - |
| 4.4'-DDD | 0.05 | mg/kg | - | - | < 0.05 | - |
| 4.4'-DDE | 0.05 | mg/kg | - | - | < 0.05 | - |
| 4.4'-DDT | 0.05 | mg/kg | - | - | < 0.05 | - |
| a-HCH | 0.05 | mg/kg | - | - | < 0.05 | - |
| Aldrin | 0.05 | mg/kg | - | - | < 0.05 | - |
| b-HCH | 0.05 | mg/kg | - | - | < 0.05 | - |
| d-HCH | 0.05 | mg/kg | - | - | < 0.05 | - |
| Dieldrin | 0.05 | mg/kg | - | - | < 0.05 | - |
| Endosulfan I | 0.05 | mg/kg | - | - | < 0.05 | - |
| Endosulfan II | 0.05 | mg/kg | - | - | < 0.05 | - |
| Endosulfan sulphate | 0.05 | mg/kg | - | - | < 0.05 | - |
| Endrin | 0.05 | mg/kg | - | - | < 0.05 | - |
| Endrin aldehyde | 0.05 | mg/kg | - | - | < 0.05 | - |
| Endrin ketone | 0.05 | mg/kg | - | - | < 0.05 | - |
| g-HCH (Lindane) | 0.05 | mg/kg | - | - | < 0.05 | - |
| Heptachlor | 0.05 | mg/kg | - | - | < 0.05 | - |
| Heptachlor epoxide | 0.05 | mg/kg | - | - | < 0.05 | - |
| Hexachlorobenzene | 0.05 | mg/kg | - | - | < 0.05 | - |
| Methoxychlor | 0.05 | mg/kg | - | - | < 0.05 | - |
| Toxaphene | 0.5 | mg/kg | - | - | < 0.5 | - |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | - | - | < 0.05 | - |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | - | - | < 0.05 | - |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | - | - | < 0.1 | - |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | - | - | < 0.1 | - |
| Dibutylchlorendate (surr.) | 1 | % | - | - | 64 | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | - | 57 | - |

| Client Sample ID | | | JBTP01_0.0-0.1 | JBTP01_0.3-0.4 | JBTP01_0.6-0.7 | JBTP02_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040065 | S24-Jn0040066 | S24-Jn0040067 | S24-Jn0040068 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | - | - | < 0.1 | - |
| Aroclor-1221 | 0.1 | mg/kg | - | - | < 0.1 | - |
| Aroclor-1232 | 0.1 | mg/kg | - | - | < 0.1 | - |
| Aroclor-1242 | 0.1 | mg/kg | - | - | < 0.1 | - |
| Aroclor-1248 | 0.1 | mg/kg | - | - | < 0.1 | - |
| Aroclor-1254 | 0.1 | mg/kg | - | - | < 0.1 | - |
| Aroclor-1260 | 0.1 | mg/kg | - | - | < 0.1 | - |
| Total PCB* | 0.1 | mg/kg | - | - | < 0.1 | - |
| Dibutylchlorendate (surr.) | 1 | % | - | - | 64 | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | - | 57 | - |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | - | - | - | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | - | - | - | 1.2 |
| Acenaphthene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Chrysene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Fluorene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Naphthalene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Pyrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Total PAH* | 0.5 | mg/kg | - | - | - | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | - | - | - | 67 |
| p-Terphenyl-d14 (surr.) | 1 | % | - | - | - | 66 |

| Client Sample ID | | | JBTP02_0.5-0.6 | JBTP03_0.2-0.3 | JBTP03_0.5-0.6 | JBTP03_1.1-1.2 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040069 | S24-Jn0040070 | S24-Jn0040071 | S24-Jn0040072 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | - | - |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | - | - |
| TRH C15-C28 | 50 | mg/kg | - | < 50 | - | - |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | - | - |
| TRH C10-C36 (Total) | 50 | mg/kg | - | < 50 | - | - |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | - | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | - | - |

| Client Sample ID | | | JBTP02_0.5-0.6 | JBTP03_0.2-0.3 | JBTP03_0.5-0.6 | JBTP03_1.1-1.2 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040069 | S24-Jn0040070 | S24-Jn0040071 | S24-Jn0040072 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | - | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | - | - |
| TRH >C16-C34 | 100 | mg/kg | - | < 100 | - | - |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | - | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | < 100 | - | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | - | - |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | 5.5 | - | 8.1 | 8.6 |
| Cadmium | 0.4 | mg/kg | < 0.4 | - | < 0.4 | < 0.4 |
| Chromium | 5 | mg/kg | 21 | - | 13 | 13 |
| Copper | 5 | mg/kg | 27 | - | 24 | 23 |
| Lead | 5 | mg/kg | 18 | - | 15 | 30 |
| Mercury | 0.1 | mg/kg | < 0.1 | - | < 0.1 | < 0.1 |
| Nickel | 5 | mg/kg | 16 | - | 8.0 | 6.8 |
| Zinc | 5 | mg/kg | 54 | - | 40 | 83 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 14 | 17 | 13 | 10 |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | 0.6 | 0.6 | - |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | 1.2 | 1.2 | - |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Chrysene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Fluorene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Naphthalene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| Total PAH* | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| 2-Fluorobiphenyl (surr.) | 1 | % | 65 | 66 | 70 | - |
| p-Terphenyl-d14 (surr.) | 1 | % | 67 | 68 | 70 | - |

| Client Sample ID | | | JBTP03_1.5-1.6 | JBTP03_1.9-2.0 | JBTP03_2.5-2.6 | JBTP04_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040073 | S24-Jn0040074 | S24-Jn0040075 | S24-Jn0040076 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C15-C28 | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH C10-C36 (Total) | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH >C16-C34 | 100 | mg/kg | - | < 100 | - | < 100 |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | - | < 100 |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | < 100 | - | < 100 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | - | < 0.5 |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | - | - | 8.2 | - |
| Cadmium | 0.4 | mg/kg | - | - | < 0.4 | - |
| Chromium | 5 | mg/kg | - | - | 16 | - |
| Copper | 5 | mg/kg | - | - | 20 | - |
| Lead | 5 | mg/kg | - | - | 14 | - |
| Mercury | 0.1 | mg/kg | - | - | < 0.1 | - |
| Nickel | 5 | mg/kg | - | - | 6.7 | - |
| Zinc | 5 | mg/kg | - | - | 26 | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 13 | 12 | 12 | 19 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | < 0.1 | - | - | - |
| 4.4'-DDD | 0.05 | mg/kg | < 0.05 | - | - | - |
| 4.4'-DDE | 0.05 | mg/kg | < 0.05 | - | - | - |
| 4.4'-DDT | 0.05 | mg/kg | < 0.05 | - | - | - |
| a-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| Aldrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| b-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| d-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| Dieldrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan I | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan II | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan sulphate | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin aldehyde | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin ketone | 0.05 | mg/kg | < 0.05 | - | - | - |
| g-HCH (Lindane) | 0.05 | mg/kg | < 0.05 | - | - | - |
| Heptachlor | 0.05 | mg/kg | < 0.05 | - | - | - |
| Heptachlor epoxide | 0.05 | mg/kg | < 0.05 | - | - | - |
| Hexachlorobenzene | 0.05 | mg/kg | < 0.05 | - | - | - |
| Methoxychlor | 0.05 | mg/kg | < 0.05 | - | - | - |
| Toxaphene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | < 0.05 | - | - | - |

| Client Sample ID | | | JBTP03_1.5-1.6 | JBTP03_1.9-2.0 | JBTP03_2.5-2.6 | JBTP04_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040073 | S24-Jn0040074 | S24-Jn0040075 | S24-Jn0040076 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Organochlorine Pesticides** | | | | | | |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | < 0.05 | - | - | - |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | 68 | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 61 | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1221 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1232 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1242 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1248 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1254 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1260 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Total PCB* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | 68 | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 61 | - | - | - |

| Client Sample ID | | | JBTP04_0.5-0.6 | JBTP04_1.0-1.1 | JBTP04_2.0-2.1 | JBTP04_3.0-3.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040077 | S24-Jn0040078 | S24-Jn0040079 | S24-Jn0040080 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C15-C28 | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH C10-C36 (Total) | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH >C16-C34 | 100 | mg/kg | - | < 100 | - | < 100 |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | - | < 100 |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | < 100 | - | < 100 |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | - | - | - | < 0.1 |
| Toluene | 0.1 | mg/kg | - | - | - | < 0.1 |
| Ethylbenzene | 0.1 | mg/kg | - | - | - | < 0.1 |
| m&p-Xylenes | 0.2 | mg/kg | - | - | - | < 0.2 |
| o-Xylene | 0.1 | mg/kg | - | - | - | < 0.1 |
| Xylenes - Total* | 0.3 | mg/kg | - | - | - | < 0.3 |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | - | - | 93 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | - | < 0.5 |

| Client Sample ID | | | JBTP04_0.5-0.6 | JBTP04_1.0-1.1 | JBTP04_2.0-2.1 | JBTP04_3.0-3.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040077 | S24-Jn0040078 | S24-Jn0040079 | S24-Jn0040080 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | - | - | - | 6.6 |
| Cadmium | 0.4 | mg/kg | - | - | - | < 0.4 |
| Chromium | 5 | mg/kg | - | - | - | 16 |
| Copper | 5 | mg/kg | - | - | - | 16 |
| Lead | 5 | mg/kg | - | - | - | 16 |
| Mercury | 0.1 | mg/kg | - | - | - | < 0.1 |
| Nickel | 5 | mg/kg | - | - | - | 9.3 |
| Zinc | 5 | mg/kg | - | - | - | 22 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 24 | 16 | 8.2 | 16 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 13C4-PFBA (surr.) | 1 | % | - | - | - | 100 |
| 13C5-PFPeA (surr.) | 1 | % | - | - | - | 131 |
| 13C5-PFHxA (surr.) | 1 | % | - | - | - | 97 |
| 13C4-PFHpA (surr.) | 1 | % | - | - | - | 116 |
| 13C8-PFOA (surr.) | 1 | % | - | - | - | 88 |
| 13C5-PFNA (surr.) | 1 | % | - | - | - | 109 |
| 13C6-PFDA (surr.) | 1 | % | - | - | - | 102 |
| 13C2-PFUnDA (surr.) | 1 | % | - | - | - | 111 |
| 13C2-PFDoDA (surr.) | 1 | % | - | - | - | 117 |
| 13C2-PFTeDA (surr.) | 1 | % | - | - | - | 103 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| 13C8-FOSA (surr.) | 1 | % | - | - | - | 98 |
| D3-N-MeFOSA (surr.) | 1 | % | - | - | - | 81 |
| D5-N-EtFOSA (surr.) | 1 | % | - | - | - | 89 |
| D7-N-MeFOSE (surr.) | 1 | % | - | - | - | 96 |
| D9-N-EtFOSE (surr.) | 1 | % | - | - | - | 83 |

| Client Sample ID | | | JBTP04_0.5-0.6 | JBTP04_1.0-1.1 | JBTP04_2.0-2.1 | JBTP04_3.0-3.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040077 | S24-Jn0040078 | S24-Jn0040079 | S24-Jn0040080 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSAA (surr.) | 1 | % | - | - | - | 97 |
| D3-N-MeFOSAA (surr.) | 1 | % | - | - | - | 115 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| 13C3-PFBS (surr.) | 1 | % | - | - | - | 117 |
| 18O2-PFHxS (surr.) | 1 | % | - | - | - | 118 |
| 13C8-PFOS (surr.) | 1 | % | - | - | - | 113 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | - | - | 101 |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | - | - | 113 |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | - | - | 66 |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | - | - | 130 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | - | - | - | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | - | - | - | < 50 |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | - | 0.6 | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | - | 1.2 | 1.2 |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Chrysene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Fluorene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |

| Client Sample ID | | | JBTP04_0.5-0.6 | JBTP04_1.0-1.1 | JBTP04_2.0-2.1 | JBTP04_3.0-3.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040077 | S24-Jn0040078 | S24-Jn0040079 | S24-Jn0040080 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Naphthalene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Total PAH* | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | 57 | - | 61 | 63 |
| p-Terphenyl-d14 (surr.) | 1 | % | 69 | - | 62 | 72 |

| Client Sample ID | | | QC01 | JBTP05_0.0-0.1 | JBTP05_1.0-1.1 | JBTP06_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040081 | S24-Jn0040082 | S24-Jn0040083 | S24-Jn0040084 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C10-C14 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C15-C28 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C29-C36 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C10-C36 (Total) | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C6-C10 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH >C10-C16 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH >C16-C34 | 100 | mg/kg | < 100 | < 100 | - | - |
| TRH >C34-C40 | 100 | mg/kg | < 100 | < 100 | - | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | < 100 | < 100 | - | - |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Toluene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Ethylbenzene | 0.1 | mg/kg | < 0.1 | - | - | - |
| m&p-Xylenes | 0.2 | mg/kg | < 0.2 | - | - | - |
| o-Xylene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Xylenes - Total* | 0.3 | mg/kg | < 0.3 | - | - | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | 83 | - | - | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | 4.9 | 5.4 | - | 5.2 |
| Cadmium | 0.4 | mg/kg | < 0.4 | < 0.4 | - | < 0.4 |
| Chromium | 5 | mg/kg | 14 | 15 | - | 10 |
| Copper | 5 | mg/kg | 11 | 20 | - | 22 |
| Lead | 5 | mg/kg | 16 | 27 | - | 24 |
| Mercury | 0.1 | mg/kg | < 0.1 | < 0.1 | - | < 0.1 |
| Nickel | 5 | mg/kg | 7.1 | 12 | - | 11 |
| Zinc | 5 | mg/kg | 13 | 59 | - | 52 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 18 | 19 | 21 | 26 |

| Client Sample ID | | | QC01 | JBTP05_0.0-0.1 | JBTP05_1.0-1.1 | JBTP06_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040081 | S24-Jn0040082 | S24-Jn0040083 | S24-Jn0040084 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| 13C4-PFBA (surr.) | 1 | % | 97 | - | 101 | - |
| 13C5-PFPeA (surr.) | 1 | % | 125 | - | 127 | - |
| 13C5-PFHxA (surr.) | 1 | % | 80 | - | 102 | - |
| 13C4-PFHpA (surr.) | 1 | % | 106 | - | 121 | - |
| 13C8-PFOA (surr.) | 1 | % | 93 | - | 77 | - |
| 13C5-PFNA (surr.) | 1 | % | 109 | - | 113 | - |
| 13C6-PFDA (surr.) | 1 | % | 75 | - | 108 | - |
| 13C2-PFUnDA (surr.) | 1 | % | 112 | - | 104 | - |
| 13C2-PFDoDA (surr.) | 1 | % | 104 | - | 107 | - |
| 13C2-PFTeDA (surr.) | 1 | % | 101 | - | 99 | - |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | < 10 | - | < 10 | - |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | < 10 | - | < 10 | - |
| 13C8-FOSA (surr.) | 1 | % | 94 | - | 102 | - |
| D3-N-MeFOSA (surr.) | 1 | % | 82 | - | 88 | - |
| D5-N-EtFOSA (surr.) | 1 | % | 86 | - | 88 | - |
| D7-N-MeFOSE (surr.) | 1 | % | 98 | - | 96 | - |
| D9-N-EtFOSE (surr.) | 1 | % | 86 | - | 100 | - |
| D5-N-EtFOSAA (surr.) | 1 | % | 112 | - | 111 | - |
| D3-N-MeFOSAA (surr.) | 1 | % | 111 | - | 130 | - |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | < 5 | - | < 5 | - |

| Client Sample ID | | | QC01 | JBTP05_0.0-0.1 | JBTP05_1.0-1.1 | JBTP06_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040081 | S24-Jn0040082 | S24-Jn0040083 | S24-Jn0040084 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 107 | - | 116 | - |
| 18O2-PFHxS (surr.) | 1 | % | 113 | - | 109 | - |
| 13C8-PFOS (surr.) | 1 | % | 104 | - | 108 | - |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | < 10 | - | < 10 | - |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | < 5 | - | < 5 | - |
| 13C2-4:2 FTSA (surr.) | 1 | % | 86 | - | 101 | - |
| 13C2-6:2 FTSA (surr.) | 1 | % | 100 | - | 79 | - |
| 13C2-8:2 FTSA (surr.) | 1 | % | 68 | - | 86 | - |
| 13C2-10:2 FTSA (surr.) | 1 | % | 148 | - | 138 | - |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | < 5 | - | < 5 | - |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | < 5 | - | < 5 | - |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | < 5 | - | < 5 | - |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | < 10 | - | < 10 | - |
| Sum of PFASs (n=30)* | 50 | ug/kg | < 50 | - | < 50 | - |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| 4.4'-DDD | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| 4.4'-DDE | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| 4.4'-DDT | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| a-HCH | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Aldrin | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| b-HCH | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| d-HCH | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Dieldrin | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Endosulfan I | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Endosulfan II | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Endosulfan sulphate | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Endrin | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Endrin aldehyde | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Endrin ketone | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| g-HCH (Lindane) | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Heptachlor | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Heptachlor epoxide | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Hexachlorobenzene | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Methoxychlor | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Toxaphene | 0.5 | mg/kg | - | < 0.5 | - | < 0.5 |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | - | < 0.05 | - | < 0.05 |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Dibutylchlorendate (surr.) | 1 | % | - | 60 | - | 68 |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | 59 | - | 61 |

| Client Sample ID | | | QC01 | JBTP05_0.0-0.1 | JBTP05_1.0-1.1 | JBTP06_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040081 | S24-Jn0040082 | S24-Jn0040083 | S24-Jn0040084 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Aroclor-1221 | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Aroclor-1232 | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Aroclor-1242 | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Aroclor-1248 | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Aroclor-1254 | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Aroclor-1260 | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Total PCB* | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Dibutylchlorendate (surr.) | 1 | % | - | 60 | - | 68 |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | 59 | - | 61 |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | 0.6 | - | - |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | 1.2 | - | - |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Chrysene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Fluorene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Naphthalene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| Total PAH* | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| 2-Fluorobiphenyl (surr.) | 1 | % | 71 | 65 | - | - |
| p-Terphenyl-d14 (surr.) | 1 | % | 72 | 68 | - | - |

| Client Sample ID | | | JBTP06_1.0-1.1 | JBTP06_2.0-2.1 | JBTP06_3.0-3.1 | JBTP07_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040085 | S24-Jn0040086 | S24-Jn0040087 | S24-Jn0040088 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | < 2 | 8.1 | 5.5 | - |
| Cadmium | 0.4 | mg/kg | < 0.4 | < 0.4 | < 0.4 | - |
| Chromium | 5 | mg/kg | 5.6 | 12 | 10 | - |
| Copper | 5 | mg/kg | 27 | 27 | 24 | - |
| Lead | 5 | mg/kg | 15 | 27 | 18 | - |
| Mercury | 0.1 | mg/kg | < 0.1 | < 0.1 | < 0.1 | - |
| Nickel | 5 | mg/kg | 21 | 7.3 | 8.9 | - |
| Zinc | 5 | mg/kg | 30 | 29 | 29 | - |

| Client Sample ID | | | JBTP06_1.0-1.1 | JBTP06_2.0-2.1 | JBTP06_3.0-3.1 | JBTP07_0.0-0.1 |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0040085** | **S24-Jn0040086** | **S24-Jn0040087** | **S24-Jn0040088** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 8.0 | 21 | 24 | 26 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 13C4-PFBA (surr.) | 1 | % | - | - | - | 100 |
| 13C5-PFPeA (surr.) | 1 | % | - | - | - | 134 |
| 13C5-PFHxA (surr.) | 1 | % | - | - | - | 96 |
| 13C4-PFHpA (surr.) | 1 | % | - | - | - | 126 |
| 13C8-PFOA (surr.) | 1 | % | - | - | - | 84 |
| 13C5-PFNA (surr.) | 1 | % | - | - | - | 108 |
| 13C6-PFDA (surr.) | 1 | % | - | - | - | 106 |
| 13C2-PFUnDA (surr.) | 1 | % | - | - | - | 111 |
| 13C2-PFDoDA (surr.) | 1 | % | - | - | - | 104 |
| 13C2-PFTeDA (surr.) | 1 | % | - | - | - | 100 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| 13C8-FOSA (surr.) | 1 | % | - | - | - | 102 |
| D3-N-MeFOSA (surr.) | 1 | % | - | - | - | 90 |
| D5-N-EtFOSA (surr.) | 1 | % | - | - | - | 83 |
| D7-N-MeFOSE (surr.) | 1 | % | - | - | - | 89 |
| D9-N-EtFOSE (surr.) | 1 | % | - | - | - | 98 |
| D5-N-EtFOSAA (surr.) | 1 | % | - | - | - | 101 |
| D3-N-MeFOSAA (surr.) | 1 | % | - | - | - | 117 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | - | - | - | < 5 |

| Client Sample ID | | | JBTP06_1.0-1.1 | JBTP06_2.0-2.1 | JBTP06_3.0-3.1 | JBTP07_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040085 | S24-Jn0040086 | S24-Jn0040087 | S24-Jn0040088 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| 13C3-PFBS (surr.) | 1 | % | - | - | - | 120 |
| 18O2-PFHxS (surr.) | 1 | % | - | - | - | 111 |
| 13C8-PFOS (surr.) | 1 | % | - | - | - | 102 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | - | - | 112 |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | - | - | 77 |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | - | - | 74 |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | - | - | 137 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | - | - | - | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | - | - | - | < 50 |

| Client Sample ID | | | JBTP07_0.4-0.5 | JBTP08_0.0-0.1 | JBTP08_1.1-1.2 | JBTP08_2.0-2.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040089 | S24-Jn0040090 | S24-Jn0040091 | S24-Jn0040092 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | - | < 20 | - |
| TRH C10-C14 | 20 | mg/kg | - | - | < 20 | - |
| TRH C15-C28 | 50 | mg/kg | - | - | < 50 | - |
| TRH C29-C36 | 50 | mg/kg | - | - | < 50 | - |
| TRH C10-C36 (Total) | 50 | mg/kg | - | - | < 50 | - |
| TRH C6-C10 | 20 | mg/kg | - | - | < 20 | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | - | < 20 | - |
| TRH >C10-C16 | 50 | mg/kg | - | - | < 50 | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | - | < 50 | - |
| TRH >C16-C34 | 100 | mg/kg | - | - | < 100 | - |
| TRH >C34-C40 | 100 | mg/kg | - | - | < 100 | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | - | < 100 | - |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | - | - | < 0.1 | - |
| Toluene | 0.1 | mg/kg | - | - | < 0.1 | - |
| Ethylbenzene | 0.1 | mg/kg | - | - | < 0.1 | - |
| m&p-Xylenes | 0.2 | mg/kg | - | - | < 0.2 | - |

| Client Sample ID | | | JBTP07_0.4-0.5 | JBTP08_0.0-0.1 | JBTP08_1.1-1.2 | JBTP08_2.0-2.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040089 | S24-Jn0040090 | S24-Jn0040091 | S24-Jn0040092 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **BTEX** | | | | | | |
| o-Xylene | 0.1 | mg/kg | - | - | < 0.1 | - |
| Xylenes - Total* | 0.3 | mg/kg | - | - | < 0.3 | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | - | 89 | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | - | < 0.5 | - |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | 8.1 | 8.1 | 12 | 4.9 |
| Cadmium | 0.4 | mg/kg | < 0.4 | < 0.4 | < 0.4 | < 0.4 |
| Chromium | 5 | mg/kg | 18 | 13 | 14 | 13 |
| Copper | 5 | mg/kg | 21 | 34 | 35 | 20 |
| Lead | 5 | mg/kg | 24 | 32 | 22 | 12 |
| Mercury | 0.1 | mg/kg | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| Nickel | 5 | mg/kg | 9.4 | 31 | 19 | 13 |
| Zinc | 5 | mg/kg | 37 | 92 | 74 | 43 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 22 | 19 | 19 | 16 |

| Client Sample ID | | | JBTP09_0.0-0.1 | JBTP09_1.0-1.1 | JBTP09_1.5-1.6 | JBTP10_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040093 | S24-Jn0040094 | S24-Jn0040095 | S24-Jn0040096 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | - | < 20 | - |
| TRH C10-C14 | 20 | mg/kg | - | - | < 20 | - |
| TRH C15-C28 | 50 | mg/kg | - | - | < 50 | - |
| TRH C29-C36 | 50 | mg/kg | - | - | < 50 | - |
| TRH C10-C36 (Total) | 50 | mg/kg | - | - | < 50 | - |
| TRH C6-C10 | 20 | mg/kg | - | - | < 20 | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | - | < 20 | - |
| TRH >C10-C16 | 50 | mg/kg | - | - | < 50 | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | - | < 50 | - |
| TRH >C16-C34 | 100 | mg/kg | - | - | < 100 | - |
| TRH >C34-C40 | 100 | mg/kg | - | - | < 100 | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | - | < 100 | - |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | - | - | < 0.1 | - |
| Toluene | 0.1 | mg/kg | - | - | < 0.1 | - |
| Ethylbenzene | 0.1 | mg/kg | - | - | < 0.1 | - |
| m&p-Xylenes | 0.2 | mg/kg | - | - | < 0.2 | - |
| o-Xylene | 0.1 | mg/kg | - | - | < 0.1 | - |
| Xylenes - Total* | 0.3 | mg/kg | - | - | < 0.3 | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | - | 94 | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | - | < 0.5 | - |

| Client Sample ID | | | JBTP09_0.0-0.1 | JBTP09_1.0-1.1 | JBTP09_1.5-1.6 | JBTP10_0.0-0.1 |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0040093** | **S24-Jn0040094** | **S24-Jn0040095** | **S24-Jn0040096** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | 8.6 | 7.0 | - | 12 |
| Cadmium | 0.4 | mg/kg | < 0.4 | < 0.4 | - | < 0.4 |
| Chromium | 5 | mg/kg | 15 | 12 | - | 23 |
| Copper | 5 | mg/kg | 29 | 29 | - | 20 |
| Lead | 5 | mg/kg | 50 | 25 | - | 33 |
| Mercury | 0.1 | mg/kg | < 0.1 | < 0.1 | - | < 0.1 |
| Nickel | 5 | mg/kg | 20 | 17 | - | 10 |
| Zinc | 5 | mg/kg | 59 | 160 | - | 43 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 14 | 14 | 23 | 21 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | < 0.1 | - | - | - |
| 4.4'-DDD | 0.05 | mg/kg | < 0.05 | - | - | - |
| 4.4'-DDE | 0.05 | mg/kg | < 0.05 | - | - | - |
| 4.4'-DDT | 0.05 | mg/kg | < 0.05 | - | - | - |
| a-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| Aldrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| b-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| d-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| Dieldrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan I | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan II | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan sulphate | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin aldehyde | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin ketone | 0.05 | mg/kg | < 0.05 | - | - | - |
| g-HCH (Lindane) | 0.05 | mg/kg | < 0.05 | - | - | - |
| Heptachlor | 0.05 | mg/kg | < 0.05 | - | - | - |
| Heptachlor epoxide | 0.05 | mg/kg | < 0.05 | - | - | - |
| Hexachlorobenzene | 0.05 | mg/kg | < 0.05 | - | - | - |
| Methoxychlor | 0.05 | mg/kg | < 0.05 | - | - | - |
| Toxaphene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | < 0.05 | - | - | - |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | < 0.05 | - | - | - |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | 77 | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 80 | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1221 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1232 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1242 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1248 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1254 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1260 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Total PCB* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | 77 | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 80 | - | - | - |

| Client Sample ID | | | JBTP11_0.0-0.1 | JBTP11_0.3-0.4 | JBTP12_0.0-0.1 | JBTP13_0.0-0.1 |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0040097** | **S24-Jn0040098** | **S24-Jn0040099** | **S24-Jn0040100** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | - | - | - | 9.8 |
| Cadmium | 0.4 | mg/kg | - | - | - | < 0.4 |
| Chromium | 5 | mg/kg | - | - | - | 15 |
| Copper | 5 | mg/kg | - | - | - | 31 |
| Lead | 5 | mg/kg | - | - | - | 38 |
| Mercury | 0.1 | mg/kg | - | - | - | < 0.1 |
| Nickel | 5 | mg/kg | - | - | - | 21 |
| Zinc | 5 | mg/kg | - | - | - | 73 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 27 | 21 | 20 | 15 |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | 0.6 | 0.6 | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | 1.2 | 1.2 | 1.2 |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Chrysene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Fluorene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Naphthalene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Pyrene | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| Total PAH* | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | 59 | 76 | 69 | 74 |
| p-Terphenyl-d14 (surr.) | 1 | % | 69 | 85 | 78 | 68 |
| | | | | | | |
| % Clay | 2.5 | % | - | 31 | - | - |
| Conductivity (1:5 aqueous extract at 25 °C as rec.) | 10 | uS/cm | - | < 10 | - | - |
| pH (1:5 Aqueous extract at 25 °C as rec.) | 0.1 | pH Units | - | 8.6 | - | - |
| Total Organic Carbon | 0.1 | % | - | 1.1 | - | - |
| **Cation Exchange Capacity** | | | | | | |
| Cation Exchange Capacity | 0.5 | meq/100g | - | 17 | - | - |

| Client Sample ID | | | JBTP13_1.0-1.1 | JBTP13_2.0-2.1 | [G01]JBTP14_0.0-0.1 | JBTP14_0.4-0.5 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040101 | S24-Jn0040102 | S24-Jn0040103 | S24-Jn0040104 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | - | < 20 | < 20 |
| TRH C10-C14 | 20 | mg/kg | - | - | < 20 | < 20 |
| TRH C15-C28 | 50 | mg/kg | - | - | < 50 | < 50 |
| TRH C29-C36 | 50 | mg/kg | - | - | < 50 | < 50 |
| TRH C10-C36 (Total) | 50 | mg/kg | - | - | < 50 | < 50 |
| TRH C6-C10 | 20 | mg/kg | - | - | < 20 | < 20 |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | - | < 20 | < 20 |
| TRH >C10-C16 | 50 | mg/kg | - | - | < 50 | < 50 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | - | < 50 | < 50 |
| TRH >C16-C34 | 100 | mg/kg | - | - | < 100 | < 100 |
| TRH >C34-C40 | 100 | mg/kg | - | - | < 100 | < 100 |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | - | < 100 | < 100 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | - | < 0.5 | < 0.5 |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | - | 25 | 16 | 24 |
| Cadmium | 0.4 | mg/kg | - | < 0.4 | < 0.4 | < 0.4 |
| Chromium | 5 | mg/kg | - | 13 | 16 | 13 |
| Copper | 5 | mg/kg | - | 26 | 40 | 33 |
| Lead | 5 | mg/kg | - | 23 | 42 | 28 |
| Mercury | 0.1 | mg/kg | - | < 0.1 | < 0.1 | < 0.1 |
| Nickel | 5 | mg/kg | - | 9.0 | 38 | 28 |
| Zinc | 5 | mg/kg | - | 43 | 77 | 75 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 20 | 19 | 15 | 16 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | - | - | < 1 | - |
| 4.4'-DDD | 0.05 | mg/kg | - | - | < 0.5 | - |
| 4.4'-DDE | 0.05 | mg/kg | - | - | < 0.5 | - |
| 4.4'-DDT | 0.05 | mg/kg | - | - | < 0.5 | - |
| a-HCH | 0.05 | mg/kg | - | - | < 0.5 | - |
| Aldrin | 0.05 | mg/kg | - | - | < 0.5 | - |
| b-HCH | 0.05 | mg/kg | - | - | < 0.5 | - |
| d-HCH | 0.05 | mg/kg | - | - | < 0.5 | - |
| Dieldrin | 0.05 | mg/kg | - | - | < 0.5 | - |
| Endosulfan I | 0.05 | mg/kg | - | - | < 0.5 | - |
| Endosulfan II | 0.05 | mg/kg | - | - | < 0.5 | - |
| Endosulfan sulphate | 0.05 | mg/kg | - | - | < 0.5 | - |
| Endrin | 0.05 | mg/kg | - | - | < 0.5 | - |
| Endrin aldehyde | 0.05 | mg/kg | - | - | < 0.5 | - |
| Endrin ketone | 0.05 | mg/kg | - | - | < 0.5 | - |
| g-HCH (Lindane) | 0.05 | mg/kg | - | - | < 0.5 | - |
| Heptachlor | 0.05 | mg/kg | - | - | < 0.5 | - |
| Heptachlor epoxide | 0.05 | mg/kg | - | - | < 0.5 | - |
| Hexachlorobenzene | 0.05 | mg/kg | - | - | < 0.5 | - |
| Methoxychlor | 0.05 | mg/kg | - | - | < 0.5 | - |
| Toxaphene | 0.5 | mg/kg | - | - | < 10 | - |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | - | - | < 0.5 | - |

| Client Sample ID | | | JBTP13_1.0-1.1 | JBTP13_2.0-2.1 | [G01]JBTP14_0.0-0.1 | JBTP14_0.4-0.5 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040101 | S24-Jn0040102 | S24-Jn0040103 | S24-Jn0040104 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Organochlorine Pesticides** | | | | | | |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | - | - | < 0.5 | - |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | - | - | < 1 | - |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | - | - | < 1 | - |
| Dibutylchlorendate (surr.) | 1 | % | - | - | 72 | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | - | 72 | - |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | - | - | < 1 | - |
| Aroclor-1221 | 0.1 | mg/kg | - | - | < 1 | - |
| Aroclor-1232 | 0.1 | mg/kg | - | - | < 1 | - |
| Aroclor-1242 | 0.1 | mg/kg | - | - | < 1 | - |
| Aroclor-1248 | 0.1 | mg/kg | - | - | < 1 | - |
| Aroclor-1254 | 0.1 | mg/kg | - | - | < 1 | - |
| Aroclor-1260 | 0.1 | mg/kg | - | - | < 1 | - |
| Total PCB* | 0.1 | mg/kg | - | - | < 1 | - |
| Dibutylchlorendate (surr.) | 1 | % | - | - | 72 | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | - | 72 | - |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | - | - | - |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | - | - | - |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Anthracene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Chrysene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Fluorene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Naphthalene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Pyrene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Total PAH* | 0.5 | mg/kg | < 0.5 | - | - | - |
| 2-Fluorobiphenyl (surr.) | 1 | % | 74 | - | - | - |
| p-Terphenyl-d14 (surr.) | 1 | % | 83 | - | - | - |

| Client Sample ID | | | JBTP14_1.0-1.1 | JBTP14_1.4-1.5 | JBTP15_0.0-0.1 | JBTP15_0.4-0.5 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040105 | S24-Jn0040106 | S24-Jn0040107 | S24-Jn0040108 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | - | 35 | 8.4 | - |
| Cadmium | 0.4 | mg/kg | - | < 0.4 | < 0.4 | - |
| Chromium | 5 | mg/kg | - | 18 | 19 | - |
| Copper | 5 | mg/kg | - | 37 | 31 | - |
| Lead | 5 | mg/kg | - | 49 | 86 | - |
| Mercury | 0.1 | mg/kg | - | < 0.1 | < 0.1 | - |
| Nickel | 5 | mg/kg | - | 33 | 21 | - |
| Zinc | 5 | mg/kg | - | 150 | 65 | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 14 | 13 | 16 | 13 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 13C4-PFBA (surr.) | 1 | % | - | - | 97 | - |
| 13C5-PFPeA (surr.) | 1 | % | - | - | 138 | - |
| 13C5-PFHxA (surr.) | 1 | % | - | - | 88 | - |
| 13C4-PFHpA (surr.) | 1 | % | - | - | 118 | - |
| 13C8-PFOA (surr.) | 1 | % | - | - | 95 | - |
| 13C5-PFNA (surr.) | 1 | % | - | - | 106 | - |
| 13C6-PFDA (surr.) | 1 | % | - | - | 89 | - |
| 13C2-PFUnDA (surr.) | 1 | % | - | - | 112 | - |
| 13C2-PFDoDA (surr.) | 1 | % | - | - | 105 | - |
| 13C2-PFTeDA (surr.) | 1 | % | - | - | 91 | - |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| 13C8-FOSA (surr.) | 1 | % | - | - | 86 | - |
| D3-N-MeFOSA (surr.) | 1 | % | - | - | 74 | - |
| D5-N-EtFOSA (surr.) | 1 | % | - | - | 83 | - |
| D7-N-MeFOSE (surr.) | 1 | % | - | - | 90 | - |
| D9-N-EtFOSE (surr.) | 1 | % | - | - | 97 | - |

| Client Sample ID | | | JBTP14_1.0-1.1 | JBTP14_1.4-1.5 | JBTP15_0.0-0.1 | JBTP15_0.4-0.5 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040105 | S24-Jn0040106 | S24-Jn0040107 | S24-Jn0040108 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSAA (surr.) | 1 | % | - | - | 100 | - |
| D3-N-MeFOSAA (surr.) | 1 | % | - | - | 108 | - |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| 13C3-PFBS (surr.) | 1 | % | - | - | 101 | - |
| 18O2-PFHxS (surr.) | 1 | % | - | - | 105 | - |
| 13C8-PFOS (surr.) | 1 | % | - | - | 95 | - |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | - | 86 | - |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | - | 93 | - |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | - | 76 | - |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | - | 143 | - |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | - | - | < 10 | - |
| Sum of PFASs (n=30)* | 50 | ug/kg | - | - | < 50 | - |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | - | 0.6 | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | - | 1.2 | 1.2 |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Chrysene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Fluorene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |

| Client Sample ID | | | JBTP14_1.0-1.1 | JBTP14_1.4-1.5 | JBTP15_0.0-0.1 | JBTP15_0.4-0.5 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040105 | S24-Jn0040106 | S24-Jn0040107 | S24-Jn0040108 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Naphthalene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Total PAH* | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | 66 | - | 75 | 58 |
| p-Terphenyl-d14 (surr.) | 1 | % | 61 | - | 66 | 55 |

| Client Sample ID | | | JBTP15_0.9-1.0 | JBTP16_0.0-0.1 | JBTP16_0.4-0.5 | JBTP16_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040109 | S24-Jn0040110 | S24-Jn0040111 | S24-Jn0040112 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | < 20 | < 20 | < 20 | - |
| TRH C10-C14 | 20 | mg/kg | < 20 | < 20 | < 20 | - |
| TRH C15-C28 | 50 | mg/kg | < 50 | < 50 | < 50 | - |
| TRH C29-C36 | 50 | mg/kg | 66 | < 50 | 100 | - |
| TRH C10-C36 (Total) | 50 | mg/kg | 66 | < 50 | 100 | - |
| TRH C6-C10 | 20 | mg/kg | < 20 | < 20 | < 20 | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | < 20 | < 20 | < 20 | - |
| TRH >C10-C16 | 50 | mg/kg | < 50 | < 50 | < 50 | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | < 50 | < 50 | < 50 | - |
| TRH >C16-C34 | 100 | mg/kg | < 100 | < 100 | 110 | - |
| TRH >C34-C40 | 100 | mg/kg | < 100 | < 100 | < 100 | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | < 100 | < 100 | 110 | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | < 0.5 | < 0.5 | < 0.5 | - |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | - | - | 8.8 | 9.2 |
| Cadmium | 0.4 | mg/kg | - | - | < 0.4 | < 0.4 |
| Chromium | 5 | mg/kg | - | - | 35 | 18 |
| Copper | 5 | mg/kg | - | - | 44 | 28 |
| Lead | 5 | mg/kg | - | - | 330 | 37 |
| Mercury | 0.1 | mg/kg | - | - | < 0.1 | < 0.1 |
| Nickel | 5 | mg/kg | - | - | 39 | 18 |
| Zinc | 5 | mg/kg | - | - | 120 | 48 |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 14 | 17 | 14 | 12 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | - | - | - | < 5 |

| Client Sample ID | | | JBTP15_0.9-1.0 | JBTP16_0.0-0.1 | JBTP16_0.4-0.5 | JBTP16_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040109 | S24-Jn0040110 | S24-Jn0040111 | S24-Jn0040112 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 13C4-PFBA (surr.) | 1 | % | - | - | - | 103 |
| 13C5-PFPeA (surr.) | 1 | % | - | - | - | 126 |
| 13C5-PFHxA (surr.) | 1 | % | - | - | - | 106 |
| 13C4-PFHpA (surr.) | 1 | % | - | - | - | 111 |
| 13C8-PFOA (surr.) | 1 | % | - | - | - | 97 |
| 13C5-PFNA (surr.) | 1 | % | - | - | - | 107 |
| 13C6-PFDA (surr.) | 1 | % | - | - | - | 95 |
| 13C2-PFUnDA (surr.) | 1 | % | - | - | - | 107 |
| 13C2-PFDoDA (surr.) | 1 | % | - | - | - | 104 |
| 13C2-PFTeDA (surr.) | 1 | % | - | - | - | 98 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | - | - | - | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| 13C8-FOSA (surr.) | 1 | % | - | - | - | 107 |
| D3-N-MeFOSA (surr.) | 1 | % | - | - | - | 97 |
| D5-N-EtFOSA (surr.) | 1 | % | - | - | - | 84 |
| D7-N-MeFOSE (surr.) | 1 | % | - | - | - | 99 |
| D9-N-EtFOSE (surr.) | 1 | % | - | - | - | 96 |
| D5-N-EtFOSAA (surr.) | 1 | % | - | - | - | 98 |
| D3-N-MeFOSAA (surr.) | 1 | % | - | - | - | 116 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | - | - | - | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | - | - | - | < 5 |
| 13C3-PFBS (surr.) | 1 | % | - | - | - | 116 |
| 18O2-PFHxS (surr.) | 1 | % | - | - | - | 121 |
| 13C8-PFOS (surr.) | 1 | % | - | - | - | 97 |

| Client Sample ID | | | JBTP15_0.9-1.0 | JBTP16_0.0-0.1 | JBTP16_0.4-0.5 | JBTP16_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040109 | S24-Jn0040110 | S24-Jn0040111 | S24-Jn0040112 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | - | - | - | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | - | - | - | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | - | - | 116 |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | - | - | 83 |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | - | - | 89 |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | - | - | 114 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | - | - | - | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | - | - | - | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | - | - | - | < 50 |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | - | 0.6 | 0.6 | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | - | 1.2 | 1.2 | 1.2 |
| Acenaphthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Chrysene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Fluorene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Naphthalene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Total PAH* | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | - | 80 | 80 | 78 |
| p-Terphenyl-d14 (surr.) | 1 | % | - | 72 | 64 | 61 |

| Client Sample ID | | | JBTP16_1.7-1.8 | QC20240613_01 | JBTP17_0.0-0.1 | JBTP17_0.4-0.5 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040113 | S24-Jn0040114 | S24-Jn0040115 | S24-Jn0040116 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | 11 | 6.1 | - | - |
| Cadmium | 0.4 | mg/kg | < 0.4 | < 0.4 | - | - |
| Chromium | 5 | mg/kg | 20 | 16 | - | - |
| Copper | 5 | mg/kg | 32 | 41 | - | - |
| Lead | 5 | mg/kg | 97 | 48 | - | - |
| Mercury | 0.1 | mg/kg | < 0.1 | < 0.1 | - | - |
| Nickel | 5 | mg/kg | 20 | 27 | - | - |
| Zinc | 5 | mg/kg | 51 | 73 | - | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 19 | 15 | 18 | 11 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| 13C4-PFBA (surr.) | 1 | % | - | 101 | - | - |
| 13C5-PFPeA (surr.) | 1 | % | - | 121 | - | - |
| 13C5-PFHxA (surr.) | 1 | % | - | 92 | - | - |
| 13C4-PFHpA (surr.) | 1 | % | - | 109 | - | - |
| 13C8-PFOA (surr.) | 1 | % | - | 81 | - | - |
| 13C5-PFNA (surr.) | 1 | % | - | 116 | - | - |
| 13C6-PFDA (surr.) | 1 | % | - | 92 | - | - |
| 13C2-PFUnDA (surr.) | 1 | % | - | 100 | - | - |
| 13C2-PFDoDA (surr.) | 1 | % | - | 101 | - | - |
| 13C2-PFTeDA (surr.) | 1 | % | - | 134 | - | - |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | - | < 5 | - | - |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | - | < 5 | - | - |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | - | < 10 | - | - |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | - | < 10 | - | - |
| 13C8-FOSA (surr.) | 1 | % | - | 98 | - | - |
| D3-N-MeFOSA (surr.) | 1 | % | - | 77 | - | - |
| D5-N-EtFOSA (surr.) | 1 | % | - | 87 | - | - |
| D7-N-MeFOSE (surr.) | 1 | % | - | 107 | - | - |
| D9-N-EtFOSE (surr.) | 1 | % | - | 107 | - | - |

| Client Sample ID | | | JBTP16_1.7-1.8 | QC20240613_01 | JBTP17_0.0-0.1 | JBTP17_0.4-0.5 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040113 | S24-Jn0040114 | S24-Jn0040115 | S24-Jn0040116 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| D5-N-EtFOSAA (surr.) | 1 | % | - | 107 | - | - |
| D3-N-MeFOSAA (surr.) | 1 | % | - | 114 | - | - |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | - | < 5 | - | - |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | - | < 5 | - | - |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | - | < 5 | - | - |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | - | < 5 | - | - |
| 13C3-PFBS (surr.) | 1 | % | - | 113 | - | - |
| 18O2-PFHxS (surr.) | 1 | % | - | 105 | - | - |
| 13C8-PFOS (surr.) | 1 | % | - | 104 | - | - |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | - | < 10 | - | - |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | - | < 5 | - | - |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | 128 | - | - |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | 100 | - | - |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | 85 | - | - |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | 145 | - | - |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | - | < 5 | - | - |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | - | < 5 | - | - |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | - | < 5 | - | - |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | - | < 10 | - | - |
| Sum of PFASs (n=30)* | 50 | ug/kg | - | < 50 | - | - |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | - | 0.6 | 0.6 | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | - | 1.2 | 1.2 | 1.2 |
| Acenaphthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Chrysene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Fluorene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |

| Client Sample ID | | | JBTP16_1.7-1.8 | QC20240613_01 | JBTP17_0.0-0.1 | JBTP17_0.4-0.5 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040113 | S24-Jn0040114 | S24-Jn0040115 | S24-Jn0040116 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Naphthalene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Total PAH* | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | - | 79 | 91 | 111 |
| p-Terphenyl-d14 (surr.) | 1 | % | - | 71 | 90 | 94 |

| Client Sample ID | | | [G01]JBTP17_1.0-1.1 | JBTP17_1.5-1.6 | JBTP18_0.0-0.1 | JBTP19_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040117 | S24-Jn0040118 | S24-Jn0040119 | S24-Jn0040120 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | - | - |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | - | - |
| TRH C15-C28 | 50 | mg/kg | - | < 50 | - | - |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | - | - |
| TRH C10-C36 (Total) | 50 | mg/kg | - | < 50 | - | - |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | - | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | - | - |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | - | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | - | - |
| TRH >C16-C34 | 100 | mg/kg | - | < 100 | - | - |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | - | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | < 100 | - | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | - | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 9.3 | 18 | 22 | 12 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | < 1 | - | - | - |
| 4.4'-DDD | 0.05 | mg/kg | < 0.5 | - | - | - |
| 4.4'-DDE | 0.05 | mg/kg | < 0.5 | - | - | - |
| 4.4'-DDT | 0.05 | mg/kg | < 0.5 | - | - | - |
| a-HCH | 0.05 | mg/kg | < 0.5 | - | - | - |
| Aldrin | 0.05 | mg/kg | < 0.5 | - | - | - |
| b-HCH | 0.05 | mg/kg | < 0.5 | - | - | - |
| d-HCH | 0.05 | mg/kg | < 0.5 | - | - | - |
| Dieldrin | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endosulfan I | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endosulfan II | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endosulfan sulphate | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endrin | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endrin aldehyde | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endrin ketone | 0.05 | mg/kg | < 0.5 | - | - | - |
| g-HCH (Lindane) | 0.05 | mg/kg | < 0.5 | - | - | - |
| Heptachlor | 0.05 | mg/kg | < 0.5 | - | - | - |

| Client Sample ID | | | [G01] JBTP17_1.0-1.1 | JBTP17_1.5-1.6 | JBTP18_0.0-0.1 | JBTP19_0.0-0.1 |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0040117** | **S24-Jn0040118** | **S24-Jn0040119** | **S24-Jn0040120** |
| **Date Sampled** | | | **Jun 13, 2024** | **Jun 13, 2024** | **Jun 13, 2024** | **Jun 13, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Organochlorine Pesticides** | | | | | | |
| Heptachlor epoxide | 0.05 | mg/kg | < 0.5 | - | - | - |
| Hexachlorobenzene | 0.05 | mg/kg | < 0.5 | - | - | - |
| Methoxychlor | 0.05 | mg/kg | < 0.5 | - | - | - |
| Toxaphene | 0.5 | mg/kg | < 10 | - | - | - |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | < 0.5 | - | - | - |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | < 0.5 | - | - | - |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | < 1 | - | - | - |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | < 1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | 62 | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 104 | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1221 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1232 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1242 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1248 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1254 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1260 | 0.1 | mg/kg | < 1 | - | - | - |
| Total PCB* | 0.1 | mg/kg | < 1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | 62 | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 104 | - | - | - |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | - | 0.6 | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | - | 1.2 | 1.2 |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Chrysene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Fluorene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Naphthalene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| Total PAH* | 0.5 | mg/kg | < 0.5 | - | < 0.5 | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | 109 | - | 80 | 112 |
| p-Terphenyl-d14 (surr.) | 1 | % | 101 | - | 71 | 107 |

| Client Sample ID | | | JBTP19_0.4-0.5 | [G01]JBTP20_0.0-0.1 | [G01]JBTP20_0.4-0.5 | JBTP20_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040121 | S24-Jn0040122 | S24-Jn0040123 | S24-Jn0040124 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | - | 20 |
| TRH C15-C28 | 50 | mg/kg | - | < 50 | - | 52 |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | - | 68 |
| TRH C10-C36 (Total) | 50 | mg/kg | - | < 50 | - | 140 |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH >C16-C34 | 100 | mg/kg | - | < 100 | - | < 100 |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | - | < 100 |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | < 100 | - | < 100 |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | - | < 0.1 | - | - |
| Toluene | 0.1 | mg/kg | - | < 0.1 | - | - |
| Ethylbenzene | 0.1 | mg/kg | - | < 0.1 | - | - |
| m&p-Xylenes | 0.2 | mg/kg | - | < 0.2 | - | - |
| o-Xylene | 0.1 | mg/kg | - | < 0.1 | - | - |
| Xylenes - Total* | 0.3 | mg/kg | - | < 0.3 | - | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | 78 | - | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | - | < 0.5 |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | - | - | 6.3 | - |
| Cadmium | 0.4 | mg/kg | - | - | < 0.4 | - |
| Chromium | 5 | mg/kg | - | - | 23 | - |
| Copper | 5 | mg/kg | - | - | 46 | - |
| Lead | 5 | mg/kg | - | - | 110 | - |
| Mercury | 0.1 | mg/kg | - | - | < 0.1 | - |
| Nickel | 5 | mg/kg | - | - | 41 | - |
| Zinc | 5 | mg/kg | - | - | 82 | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 15 | 22 | 16 | 12 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 13C4-PFBA (surr.) | 1 | % | - | - | 98 | - |
| 13C5-PFPeA (surr.) | 1 | % | - | - | 118 | - |
| 13C5-PFHxA (surr.) | 1 | % | - | - | 91 | - |

| Client Sample ID | | | JBTP19_0.4-0.5 | [G01]JBTP20_0.0-0.1 | [G01]JBTP20_0.4-0.5 | JBTP20_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040121 | S24-Jn0040122 | S24-Jn0040123 | S24-Jn0040124 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| 13C4-PFHpA (surr.) | 1 | % | - | - | 106 | - |
| 13C8-PFOA (surr.) | 1 | % | - | - | 82 | - |
| 13C5-PFNA (surr.) | 1 | % | - | - | 109 | - |
| 13C6-PFDA (surr.) | 1 | % | - | - | 88 | - |
| 13C2-PFUnDA (surr.) | 1 | % | - | - | 108 | - |
| 13C2-PFDoDA (surr.) | 1 | % | - | - | 112 | - |
| 13C2-PFTeDA (surr.) | 1 | % | - | - | 135 | - |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| 13C8-FOSA (surr.) | 1 | % | - | - | 88 | - |
| D3-N-MeFOSA (surr.) | 1 | % | - | - | 99 | - |
| D5-N-EtFOSA (surr.) | 1 | % | - | - | 84 | - |
| D7-N-MeFOSE (surr.) | 1 | % | - | - | 88 | - |
| D9-N-EtFOSE (surr.) | 1 | % | - | - | 94 | - |
| D5-N-EtFOSAA (surr.) | 1 | % | - | - | 119 | - |
| D3-N-MeFOSAA (surr.) | 1 | % | - | - | 107 | - |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| 13C3-PFBS (surr.) | 1 | % | - | - | 110 | - |
| 18O2-PFHxS (surr.) | 1 | % | - | - | 116 | - |
| 13C8-PFOS (surr.) | 1 | % | - | - | 99 | - |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | - | 90 | - |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | - | 69 | - |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | - | 64 | - |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | - | 132 | - |

| Client Sample ID | | | JBTP19_0.4-0.5 | G01 JBTP20_0.0-0.1 | G01 JBTP20_0.4-0.5 | JBTP20_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040121 | S24-Jn0040122 | S24-Jn0040123 | S24-Jn0040124 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | - | - | < 10 | - |
| Sum of PFASs (n=30)* | 50 | ug/kg | - | - | < 50 | - |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | - | < 1 | < 1 | - |
| 4.4'-DDD | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| 4.4'-DDE | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| 4.4'-DDT | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| a-HCH | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Aldrin | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| b-HCH | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| d-HCH | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Dieldrin | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Endosulfan I | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Endosulfan II | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Endosulfan sulphate | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Endrin | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Endrin aldehyde | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Endrin ketone | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| g-HCH (Lindane) | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Heptachlor | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Heptachlor epoxide | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Hexachlorobenzene | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Methoxychlor | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Toxaphene | 0.5 | mg/kg | - | < 10 | < 10 | - |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | - | < 0.5 | < 0.5 | - |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Dibutylchlorendate (surr.) | 1 | % | - | Q09 INT | 72 | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | 56 | 78 | - |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Aroclor-1221 | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Aroclor-1232 | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Aroclor-1242 | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Aroclor-1248 | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Aroclor-1254 | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Aroclor-1260 | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Total PCB* | 0.1 | mg/kg | - | < 1 | < 1 | - |
| Dibutylchlorendate (surr.) | 1 | % | - | Q09 INT | 72 | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | 56 | 78 | - |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | - | - | - |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | - | - | - |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | - | - | - |

| Client Sample ID | | | JBTP19_0.4-0.5 | G01 JBTP20_0.0-0.1 | G01 JBTP20_0.4-0.5 | JBTP20_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040121 | S24-Jn0040122 | S24-Jn0040123 | S24-Jn0040124 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Anthracene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Chrysene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Fluorene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Naphthalene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Pyrene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Total PAH* | 0.5 | mg/kg | < 0.5 | - | - | - |
| 2-Fluorobiphenyl (surr.) | 1 | % | 62 | - | - | - |
| p-Terphenyl-d14 (surr.) | 1 | % | 55 | - | - | - |

| Client Sample ID | | | G01 QC20240613_02 | JBTP21_0.4-0.5 | QC20240613_03 | JBTP22_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040125 | S24-Jn0040126 | S24-Jn0040127 | S24-Jn0040128 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | < 20 | - | - | - |
| TRH C10-C14 | 20 | mg/kg | < 20 | - | - | - |
| TRH C15-C28 | 50 | mg/kg | < 50 | - | - | - |
| TRH C29-C36 | 50 | mg/kg | < 50 | - | - | - |
| TRH C10-C36 (Total) | 50 | mg/kg | < 50 | - | - | - |
| TRH C6-C10 | 20 | mg/kg | < 20 | - | - | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | < 20 | - | - | - |
| TRH >C10-C16 | 50 | mg/kg | < 50 | - | - | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | < 50 | - | - | - |
| TRH >C16-C34 | 100 | mg/kg | < 100 | - | - | - |
| TRH >C34-C40 | 100 | mg/kg | < 100 | - | - | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | < 100 | - | - | - |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Toluene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Ethylbenzene | 0.1 | mg/kg | < 0.1 | - | - | - |
| m&p-Xylenes | 0.2 | mg/kg | < 0.2 | - | - | - |
| o-Xylene | 0.1 | mg/kg | < 0.1 | - | - | - |
| Xylenes - Total* | 0.3 | mg/kg | < 0.3 | - | - | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | 91 | - | - | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | < 0.5 | - | - | - |

| Client Sample ID | | | [G01]QC20240613_02 | JBTP21_0.4-0.5 | QC20240613_03 | JBTP22_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040125 | S24-Jn0040126 | S24-Jn0040127 | S24-Jn0040128 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Heavy Metals** | | | | | | |
| Arsenic | 2 | mg/kg | 5.8 | - | - | - |
| Cadmium | 0.4 | mg/kg | < 0.4 | - | - | - |
| Chromium | 5 | mg/kg | 19 | - | - | - |
| Copper | 5 | mg/kg | 40 | - | - | - |
| Lead | 5 | mg/kg | 81 | - | - | - |
| Mercury | 0.1 | mg/kg | < 0.1 | - | - | - |
| Nickel | 5 | mg/kg | 38 | - | - | - |
| Zinc | 5 | mg/kg | 75 | - | - | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | - | 23 | 18 | 15 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | < 1 | - | - | - |
| 4.4'-DDD | 0.05 | mg/kg | < 0.5 | - | - | - |
| 4.4'-DDE | 0.05 | mg/kg | < 0.5 | - | - | - |
| 4.4'-DDT | 0.05 | mg/kg | < 0.5 | - | - | - |
| a-HCH | 0.05 | mg/kg | < 0.5 | - | - | - |
| Aldrin | 0.05 | mg/kg | < 0.5 | - | - | - |
| b-HCH | 0.05 | mg/kg | < 0.5 | - | - | - |
| d-HCH | 0.05 | mg/kg | < 0.5 | - | - | - |
| Dieldrin | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endosulfan I | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endosulfan II | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endosulfan sulphate | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endrin | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endrin aldehyde | 0.05 | mg/kg | < 0.5 | - | - | - |
| Endrin ketone | 0.05 | mg/kg | < 0.5 | - | - | - |
| g-HCH (Lindane) | 0.05 | mg/kg | < 0.5 | - | - | - |
| Heptachlor | 0.05 | mg/kg | < 0.5 | - | - | - |
| Heptachlor epoxide | 0.05 | mg/kg | < 0.5 | - | - | - |
| Hexachlorobenzene | 0.05 | mg/kg | < 0.5 | - | - | - |
| Methoxychlor | 0.05 | mg/kg | < 0.5 | - | - | - |
| Toxaphene | 0.5 | mg/kg | < 10 | - | - | - |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | < 0.5 | - | - | - |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | < 0.5 | - | - | - |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | < 1 | - | - | - |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | < 1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | [Q09]INT | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 85 | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1221 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1232 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1242 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1248 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1254 | 0.1 | mg/kg | < 1 | - | - | - |
| Aroclor-1260 | 0.1 | mg/kg | < 1 | - | - | - |
| Total PCB* | 0.1 | mg/kg | < 1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | [Q09]INT | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 85 | - | - | - |

| Client Sample ID | | | [G01]QC20240613_02 | JBTP21_0.4-0.5 | QC20240613_03 | JBTP22_0.0-0.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040125 | S24-Jn0040126 | S24-Jn0040127 | S24-Jn0040128 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | - | 0.6 | 0.6 | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | - | 1.2 | 1.2 | 1.2 |
| Acenaphthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Chrysene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Fluorene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Naphthalene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Pyrene | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| Total PAH* | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | - | 67 | 62 | 67 |
| p-Terphenyl-d14 (surr.) | 1 | % | - | 73 | 67 | 70 |

| Client Sample ID | | | JBTP25_0.0-0.1 | JBTP27_0.4-0.5 | JBTP27_1.4-1.5 | JBTP30_0.1-0.2 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040129 | S24-Jn0040130 | S24-Jn0040131 | S24-Jn0040132 |
| Date Sampled | | | Jun 12, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | < 20 | - |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | < 20 | - |
| TRH C15-C28 | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH C10-C36 (Total) | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | < 20 | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | < 20 | - |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH >C16-C34 | 100 | mg/kg | - | < 100 | < 100 | - |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | < 100 | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | < 100 | < 100 | - |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | - | < 0.1 | < 0.1 | - |
| Toluene | 0.1 | mg/kg | - | < 0.1 | < 0.1 | - |
| Ethylbenzene | 0.1 | mg/kg | - | < 0.1 | < 0.1 | - |
| m&p-Xylenes | 0.2 | mg/kg | - | < 0.2 | < 0.2 | - |
| o-Xylene | 0.1 | mg/kg | - | < 0.1 | < 0.1 | - |

| Client Sample ID | | | JBTP25_0.0-0.1 | JBTP27_0.4-0.5 | JBTP27_1.4-1.5 | JBTP30_0.1-0.2 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040129 | S24-Jn0040130 | S24-Jn0040131 | S24-Jn0040132 |
| Date Sampled | | | Jun 12, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **BTEX** | | | | | | |
| Xylenes - Total* | 0.3 | mg/kg | - | < 0.3 | < 0.3 | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | 88 | 87 | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | < 0.5 | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 20 | 17 | 13 | 26 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| 4.4'-DDD | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| 4.4'-DDE | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| 4.4'-DDT | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| a-HCH | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Aldrin | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| b-HCH | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| d-HCH | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Dieldrin | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Endosulfan I | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Endosulfan II | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Endosulfan sulphate | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Endrin | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Endrin aldehyde | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Endrin ketone | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| g-HCH (Lindane) | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Heptachlor | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Heptachlor epoxide | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Hexachlorobenzene | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Methoxychlor | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Toxaphene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | < 0.05 | - | - | < 0.05 |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Dibutylchlorendate (surr.) | 1 | % | 58 | - | - | 69 |
| Tetrachloro-m-xylene (surr.) | 1 | % | 58 | - | - | 63 |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Aroclor-1221 | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Aroclor-1232 | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Aroclor-1242 | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Aroclor-1248 | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Aroclor-1254 | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Aroclor-1260 | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Total PCB* | 0.1 | mg/kg | < 0.1 | - | - | < 0.1 |
| Dibutylchlorendate (surr.) | 1 | % | 58 | - | - | 69 |
| Tetrachloro-m-xylene (surr.) | 1 | % | 58 | - | - | 63 |

| Client Sample ID | | | JBTP31_0.0-0.1 | JBTP31_0.3-0.4 | JBTP32_0.1-0.2 | [G01]JBTP33_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040133 | S24-Jn0040134 | S24-Jn0040135 | S24-Jn0040136 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C10-C14 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C15-C28 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C29-C36 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C10-C36 (Total) | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH C6-C10 | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | < 20 | < 20 | - | - |
| TRH >C10-C16 | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | < 50 | < 50 | - | - |
| TRH >C16-C34 | 100 | mg/kg | < 100 | < 100 | - | - |
| TRH >C34-C40 | 100 | mg/kg | < 100 | < 100 | - | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | < 100 | < 100 | - | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | < 0.5 | < 0.5 | - | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 20 | 20 | 20 | 23 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| 4.4'-DDD | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| 4.4'-DDE | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| 4.4'-DDT | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| a-HCH | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Aldrin | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| b-HCH | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| d-HCH | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Dieldrin | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Endosulfan I | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Endosulfan II | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Endosulfan sulphate | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Endrin | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Endrin aldehyde | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Endrin ketone | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| g-HCH (Lindane) | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Heptachlor | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Heptachlor epoxide | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Hexachlorobenzene | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Methoxychlor | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Toxaphene | 0.5 | mg/kg | - | - | < 0.5 | < 10 |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | - | - | < 0.05 | < 0.5 |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Dibutylchlorendate (surr.) | 1 | % | - | - | 71 | [Q09]INT |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | - | 63 | 85 |

| Client Sample ID | | | JBTP31_0.0-0.1 | JBTP31_0.3-0.4 | JBTP32_0.1-0.2 | [G01]JBTP33_1.0-1.1 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040133 | S24-Jn0040134 | S24-Jn0040135 | S24-Jn0040136 |
| Date Sampled | | | Jun 13, 2024 | Jun 13, 2024 | Jun 13, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Aroclor-1221 | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Aroclor-1232 | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Aroclor-1242 | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Aroclor-1248 | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Aroclor-1254 | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Aroclor-1260 | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Total PCB* | 0.1 | mg/kg | - | - | < 0.1 | < 1 |
| Dibutylchlorendate (surr.) | 1 | % | - | - | 71 | [Q09]INT |
| Tetrachloro-m-xylene (surr.) | 1 | % | - | - | 63 | 85 |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | - | - | - | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | - | - | - | 1.2 |
| Acenaphthene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Chrysene | 0.5 | mg/kg | - | - | - | 0.6 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | - | - | - | 0.7 |
| Fluorene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Naphthalene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Pyrene | 0.5 | mg/kg | - | - | - | 0.7 |
| Total PAH* | 0.5 | mg/kg | - | - | - | 2.0 |
| 2-Fluorobiphenyl (surr.) | 1 | % | - | - | - | 90 |
| p-Terphenyl-d14 (surr.) | 1 | % | - | - | - | 79 |

| Client Sample ID | | | JBTP34_0.0-0.1 | JBTP35_0.0-0.1 | JBTP35_1.0-1.1 | JBTP36_0.1-0.2 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040137 | S24-Jn0040138 | S24-Jn0040139 | S24-Jn0040140 |
| Date Sampled | | | Jun 13, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | < 20 | - |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | < 20 | - |
| TRH C15-C28 | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH C10-C36 (Total) | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | < 20 | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | < 20 | - |

| Client Sample ID | | | JBTP34_0.0-0.1 | JBTP35_0.0-0.1 | JBTP35_1.0-1.1 | JBTP36_0.1-0.2 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0040137 | S24-Jn0040138 | S24-Jn0040139 | S24-Jn0040140 |
| Date Sampled | | | Jun 13, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 13, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | < 50 | - |
| TRH >C16-C34 | 100 | mg/kg | - | < 100 | < 100 | - |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | < 100 | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | < 100 | < 100 | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | < 0.5 | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 20 | 25 | 25 | 23 |
| **Organochlorine Pesticides** | | | | | | |
| Chlordanes - Total | 0.1 | mg/kg | < 0.1 | - | - | - |
| 4.4'-DDD | 0.05 | mg/kg | < 0.05 | - | - | - |
| 4.4'-DDE | 0.05 | mg/kg | < 0.05 | - | - | - |
| 4.4'-DDT | 0.05 | mg/kg | < 0.05 | - | - | - |
| a-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| Aldrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| b-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| d-HCH | 0.05 | mg/kg | < 0.05 | - | - | - |
| Dieldrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan I | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan II | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endosulfan sulphate | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin aldehyde | 0.05 | mg/kg | < 0.05 | - | - | - |
| Endrin ketone | 0.05 | mg/kg | < 0.05 | - | - | - |
| g-HCH (Lindane) | 0.05 | mg/kg | < 0.05 | - | - | - |
| Heptachlor | 0.05 | mg/kg | < 0.05 | - | - | - |
| Heptachlor epoxide | 0.05 | mg/kg | < 0.05 | - | - | - |
| Hexachlorobenzene | 0.05 | mg/kg | < 0.05 | - | - | - |
| Methoxychlor | 0.05 | mg/kg | < 0.05 | - | - | - |
| Toxaphene | 0.5 | mg/kg | < 0.5 | - | - | - |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | < 0.05 | - | - | - |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | < 0.05 | - | - | - |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | 74 | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 63 | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | |
| Aroclor-1016 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1221 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1232 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1242 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1248 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1254 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Aroclor-1260 | 0.1 | mg/kg | < 0.1 | - | - | - |
| Total PCB* | 0.1 | mg/kg | < 0.1 | - | - | - |
| Dibutylchlorendate (surr.) | 1 | % | 74 | - | - | - |
| Tetrachloro-m-xylene (surr.) | 1 | % | 63 | - | - | - |

| Client Sample ID | | | JBTP34_0.0-0.1 | JBTP35_0.0-0.1 | JBTP35_1.0-1.1 | JBTP36_0.1-0.2 |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0040137** | **S24-Jn0040138** | **S24-Jn0040139** | **S24-Jn0040140** |
| **Date Sampled** | | | **Jun 13, 2024** | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 13, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | - | - | - | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | - | - | - | 1.2 |
| Acenaphthene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Chrysene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Fluorene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Naphthalene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Pyrene | 0.5 | mg/kg | - | - | - | < 0.5 |
| Total PAH* | 0.5 | mg/kg | - | - | - | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | - | - | - | 115 |
| p-Terphenyl-d14 (surr.) | 1 | % | - | - | - | 99 |

| Client Sample ID | | | QC02 |
|---|---|---|---|
| **Sample Matrix** | | | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0040141** |
| **Date Sampled** | | | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | |
| **Sample Properties** | | | |
| % Moisture | 1 | % | 14 |
| **Organochlorine Pesticides** | | | |
| Chlordanes - Total | 0.1 | mg/kg | < 1 |
| 4.4'-DDD | 0.05 | mg/kg | < 0.5 |
| 4.4'-DDE | 0.05 | mg/kg | < 0.5 |
| 4.4'-DDT | 0.05 | mg/kg | < 0.5 |
| a-HCH | 0.05 | mg/kg | < 0.5 |
| Aldrin | 0.05 | mg/kg | < 0.5 |
| b-HCH | 0.05 | mg/kg | < 0.5 |
| d-HCH | 0.05 | mg/kg | < 0.5 |
| Dieldrin | 0.05 | mg/kg | < 0.5 |
| Endosulfan I | 0.05 | mg/kg | < 0.5 |
| Endosulfan II | 0.05 | mg/kg | < 0.5 |
| Endosulfan sulphate | 0.05 | mg/kg | < 0.5 |
| Endrin | 0.05 | mg/kg | < 0.5 |
| Endrin aldehyde | 0.05 | mg/kg | < 0.5 |
| Endrin ketone | 0.05 | mg/kg | < 0.5 |
| g-HCH (Lindane) | 0.05 | mg/kg | < 0.5 |

| Client Sample ID | | | QC02 |
|---|---|---|---|
| **Sample Matrix** | | | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0040141** |
| **Date Sampled** | | | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | |
| **Organochlorine Pesticides** | | | |
| Heptachlor | 0.05 | mg/kg | < 0.5 |
| Heptachlor epoxide | 0.05 | mg/kg | < 0.5 |
| Hexachlorobenzene | 0.05 | mg/kg | < 0.5 |
| Methoxychlor | 0.05 | mg/kg | < 0.5 |
| Toxaphene | 0.5 | mg/kg | < 10 |
| Aldrin and Dieldrin (Total)* | 0.05 | mg/kg | < 0.5 |
| DDT + DDE + DDD (Total)* | 0.05 | mg/kg | < 0.5 |
| Vic EPA IWRG 621 OCP (Total)* | 0.1 | mg/kg | < 1 |
| Vic EPA IWRG 621 Other OCP (Total)* | 0.1 | mg/kg | < 1 |
| Dibutylchlorendate (surr.) | 1 | % | 51 |
| Tetrachloro-m-xylene (surr.) | 1 | % | 69 |
| **Polychlorinated Biphenyls** | | | |
| Aroclor-1016 | 0.1 | mg/kg | < 1 |
| Aroclor-1221 | 0.1 | mg/kg | < 1 |
| Aroclor-1232 | 0.1 | mg/kg | < 1 |
| Aroclor-1242 | 0.1 | mg/kg | < 1 |
| Aroclor-1248 | 0.1 | mg/kg | < 1 |
| Aroclor-1254 | 0.1 | mg/kg | < 1 |
| Aroclor-1260 | 0.1 | mg/kg | < 1 |
| Total PCB* | 0.1 | mg/kg | < 1 |
| Dibutylchlorendate (surr.) | 1 | % | 51 |
| Tetrachloro-m-xylene (surr.) | 1 | % | 69 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Total Recoverable Hydrocarbons - 1999 NEPM Fractions | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| Total Recoverable Hydrocarbons - 2013 NEPM Fractions | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| Total Recoverable Hydrocarbons - 2013 NEPM Fractions | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| BTEX | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 BTEX and Volatile TRH | | | |
| Metals M8 | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS | | | |
| Organochlorine Pesticides | Sydney | Jun 24, 2024 | 14 Days |
| - Method: LTM-ORG-2220 OCP & PCB in Soil and Water | | | |
| Polychlorinated Biphenyls | Sydney | Jun 24, 2024 | 28 Days |
| - Method: LTM-ORG-2220 OCP & PCB in Soil and Water | | | |
| Polycyclic Aromatic Hydrocarbons | Sydney | Jun 24, 2024 | 14 Days |
| - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water | | | |
| % Clay | Brisbane | Jun 21, 2024 | 14 Days |
| - Method: LTM-GEN-7040 Percentage clay, silt and sand by Hydrometer | | | |
| pH (1:5 Aqueous extract at 25 °C as rec.) | Sydney | Jun 19, 2024 | 7 Days |
| - Method: LTM-GEN-7090 pH by ISE | | | |
| Total Organic Carbon | Melbourne | Jun 21, 2024 | 28 Days |
| - Method: LTM-INO-4060 Total Organic Carbon in water and soil | | | |
| % Moisture | Sydney | Jun 17, 2024 | 14 Days |
| - Method: LTM-GEN-7080 Moisture | | | |
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| PFASs Summations | Sydney | Jun 17, 2024 | |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Conductivity (1:5 aqueous extract at 25 °C as rec.) | Sydney | Jun 21, 2024 | 7 Days |
| - Method: LTM-INO-4030 Conductivity | | | |
| Cation Exchange Capacity | Melbourne | Jun 24, 2024 | 28 Days |
| - Method: LTM-MET-3060 Cation Exchange Capacity by bases & Exchangeable Sodium Percentage | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | X | | | | | | | | | | | | | |
| **External Laboratory** | | | | | | | | | | | | | | |

| No | Sample ID | Sample Date | Sampling Time | Matrix | LAB ID | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JBTP01_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040065 | | | | | | | | | |
| 2 | JBTP01_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040066 | | | | | | | | | |
| 3 | JBTP01_0.6-0.7 | Jun 12, 2024 | | Soil | S24-Jn0040067 | | | | | | | | | |
| 4 | JBTP02_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040068 | | | | | | | | | |
| 5 | JBTP02_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040069 | | | | | | | | | |
| 6 | JBTP03_0.2-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040070 | | | | | | | | | |
| 7 | JBTP03_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040071 | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 8 | JBTP03_1.1-1.2 | Jun 12, 2024 | | Soil | S24-Jn0040072 | | | | | | | | | X | | X | | | |
| 9 | JBTP03_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040073 | | | | | | | X | X | | | X | | | |
| 10 | JBTP03_1.9-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040074 | | | | | | | | | | | X | | X | |
| 11 | JBTP03_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040075 | | | | | | | | | X | | X | | | |
| 12 | JBTP04_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040076 | | | | | | | | | | | X | | X | |
| 13 | JBTP04_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040077 | | | | | | X | | | | | X | | | |
| 14 | JBTP04_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040078 | | | | | | | | | | | X | | X | |
| 15 | JBTP04_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040079 | | | | | | X | | | | | X | | | |
| 16 | JBTP04_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040080 | | | | | | X | | | X | X | X | | X | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 17 | QC01 | Jun 12, 2024 | | Soil | S24-Jn0040081 | | | | | | X | | | X | X | X | | X | X |
| 18 | JBTP05_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040082 | | | | | | X | X | X | X | | X | | X | |
| 19 | JBTP05_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040083 | | | | | | | | | | | X | | | X |
| 20 | JBTP06_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040084 | | | | | | | X | X | X | | X | | | |
| 21 | JBTP06_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040085 | | | | | | | | | X | | X | | | |
| 22 | JBTP06_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040086 | | | | | | | | | X | | X | | | |
| 23 | JBTP06_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040087 | | | | | | | | | X | | X | | | |
| 24 | JBTP07_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040088 | | | | | | | | | | | X | | | X |
| 25 | JBTP07_0.4-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040089 | | | | | | | | | X | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 26 | JBTP08_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040090 | | | | | | | | | X | | X | | | |
| 27 | JBTP08_1.1-1.2 | Jun 12, 2024 | | Soil | S24-Jn0040091 | | | | | | | | | X | X | X | | X | |
| 28 | JBTP08_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040092 | | | | | | | | | X | | X | | | |
| 29 | JBTP09_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040093 | | | | | | | X | X | X | | X | | | |
| 30 | JBTP09_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040094 | | | | | | | | | X | | X | | | |
| 31 | JBTP09_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040095 | | | | | | | | | | X | X | | X | |
| 32 | JBTP10_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040096 | | | | | | | | | X | | X | | | |
| 33 | JBTP11_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040097 | | | | | | X | | | | | X | | | |
| 34 | JBTP11_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040098 | X | | | X | X | X | | | | | X | X | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 35 | JBTP12_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040099 | | | | | | X | | | | | X | | | |
| 36 | JBTP13_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040100 | | | | | | X | | | X | | X | | | |
| 37 | JBTP13_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040101 | | | | | | X | | | | | X | | | |
| 38 | JBTP13_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040102 | | | | | | | | | X | | X | | | |
| 39 | JBTP14_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040103 | | | | | | | X | X | X | | X | | X | |
| 40 | JBTP14_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040104 | | | | | | | | | X | | X | | X | |
| 41 | JBTP14_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040105 | | | | | | X | | | | | X | | | |
| 42 | JBTP14_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040106 | | | | | | | | | X | | X | | | |
| 43 | JBTP15_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040107 | | | | | | X | | | X | | X | | | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 44 | JBTP15_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040108 | | | | | | X | | | | | X | | | |
| 45 | JBTP15_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040109 | | | | | | | | | | | X | | X | |
| 46 | JBTP16_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040110 | | | | | | X | | | | | X | | X | |
| 47 | JBTP16_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040111 | | | | | | X | | | X | | X | | X | |
| 48 | JBTP16_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040112 | | | | | | X | | | X | | X | | | X |
| 49 | JBTP16_1.7-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040113 | | | | | | | | | X | | X | | | |
| 50 | QC20240613_01 | Jun 13, 2024 | | Soil | S24-Jn0040114 | | | | | | X | | | X | | X | | | X |
| 51 | JBTP17_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040115 | | | | | | X | | | | | X | | | |
| 52 | JBTP17_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040116 | | | | | | X | | | | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 53 | JBTP17_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040117 | | | | | | X | X | X | | | X | | | |
| 54 | JBTP17_1.5-1.6 | Jun 13, 2024 | | Soil | S24-Jn0040118 | | | | | | | | | | | X | | X | |
| 55 | JBTP18_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040119 | | | | | | X | | | | | X | | | |
| 56 | JBTP19_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040120 | | | | | | X | | | | | X | | | |
| 57 | JBTP19_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040121 | | | | | | X | | | | | X | | | |
| 58 | JBTP20_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040122 | | | | | | | X | X | | X | X | | X | |
| 59 | JBTP20_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040123 | | | | | | | X | X | X | | X | | | X |
| 60 | JBTP20_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040124 | | | | | | | | | | | X | | X | |
| 61 | QC20240613_02 | Jun 13, 2024 | | Soil | S24-Jn0040125 | | | | | | | X | X | X | X | X | | X | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 62 | JBTP21_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040126 | | | | | | X | | | | | X | | | |
| 63 | QC20240613_03 | Jun 13, 2024 | | Soil | S24-Jn0040127 | | | | | | X | | | | | X | | | |
| 64 | JBTP22_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040128 | | | | | | X | | | | | X | | | |
| 65 | JBTP25_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040129 | | | | | | | X | X | | | X | | | |
| 66 | JBTP27_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040130 | | | | | | | | | | X | X | | X | |
| 67 | JBTP27_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040131 | | | | | | | | | | X | X | | X | |
| 68 | JBTP30_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040132 | | | | | | | X | X | | | X | | | |
| 69 | JBTP31_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040133 | | | | | | | | | | | X | | X | |
| 70 | JBTP31_0.3-0.4 | Jun 13, 2024 | | Soil | S24-Jn0040134 | | | | | | | | | | | X | | X | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 71 | JBTP32_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040135 | | | | | | | X | X | | | X | | | |
| 72 | JBTP33_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040136 | | | | | | X | X | X | | | X | | | |
| 73 | JBTP34_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040137 | | | | | | | X | X | | | X | | | |
| 74 | JBTP35_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040138 | | | | | | | | | | | X | | X | |
| 75 | JBTP35_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040139 | | | | | | | | | | | X | | X | |
| 76 | JBTP36_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040140 | | | | | | X | | | | | X | | | |
| 77 | QC02 | Jun 12, 2024 | | Soil | S24-Jn0040141 | | | | | | | X | X | | | X | | | |
| 78 | JBTP03_0.0-0.2 | Jun 12, 2024 | | Soil | S24-Jn0040142 | | X | | | | | | | | | | | | |
| 79 | JBTP03_0.2-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040143 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 80 | JBTP03_1.2-1.8 | Jun 12, 2024 | | Soil | S24-Jn0040144 | | X | | | | | | | | | | | | |
| 81 | JBTP03_1.8-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040145 | | X | | | | | | | | | | | | |
| 82 | JBTP03_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040146 | | X | | | | | | | | | | | | |
| 83 | JBTP04_0.3-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040147 | | X | | | | | | | | | | | | |
| 84 | JBTP04_0.0-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040148 | | X | | | | | | | | | | | | |
| 85 | JBTP04_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040149 | | X | | | | | | | | | | | | |
| 86 | JBTP04_1.5-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040150 | | X | | | | | | | | | | | | |
| 87 | JBTP04_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040151 | | X | | | | | | | | | | | | |
| 88 | QC01 | Jun 12, 2024 | | Soil | S24-Jn0040152 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 89 | JBTP05_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040153 | | X | | | | | | | | | | | | |
| 90 | JBTP05_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040154 | | X | | | | | | | | | | | | |
| 91 | JBTP05_2.0-2.5 | Jun 12, 2024 | | Soil | S24-Jn0040155 | | X | | | | | | | | | | | | |
| 92 | JBTP06_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040156 | | X | | | | | | | | | | | | |
| 93 | JBTP06_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040157 | | X | | | | | | | | | | | | |
| 94 | JBTP06_2.0-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040158 | | X | | | | | | | | | | | | |
| 95 | JBTP06_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040159 | | X | | | | | | | | | | | | |
| 96 | JBTP07_0.0-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040160 | | X | | | | | | | | | | | | |
| 97 | JBTP08_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040161 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 98 | JBTP08_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040162 | | X | | | | | | | | | | | | |
| 99 | JBTP09_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040163 | | X | | | | | | | | | | | | |
| 100 | JBTP09_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040164 | | X | | | | | | | | | | | | |
| 101 | JBTP09_1.5-1.9 | Jun 12, 2024 | | Soil | S24-Jn0040165 | | X | | | | | | | | | | | | |
| 102 | JBTP10_0.0-0.8 | Jun 12, 2024 | | Soil | S24-Jn0040166 | | X | | | | | | | | | | | | |
| 103 | JBTP12_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040167 | | X | | | | | | | | | | | | |
| 104 | JBTP13_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040168 | | X | | | | | | | | | | | | |
| 105 | JBTP13_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040169 | | X | | | | | | | | | | | | |
| 106 | JBTP14_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040170 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 107 | JBTP14_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040171 | | X | | | | | | | | | | | | |
| 108 | JBTP15_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040172 | | X | | | | | | | | | | | | |
| 109 | JBTP16_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040173 | | X | | | | | | | | | | | | |
| 110 | JBTP16_1.0-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040174 | | X | | | | | | | | | | | | |
| 111 | QCAQ20240613_01 | Jun 13, 2024 | | Soil | S24-Jn0040175 | | X | | | | | | | | | | | | |
| 112 | JBTP17_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040176 | | X | | | | | | | | | | | | |
| 113 | JBTP17_1.0-2.0 | Jun 13, 2024 | | Soil | S24-Jn0040177 | | X | | | | | | | | | | | | |
| 114 | JBTP19_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040178 | | X | | | | | | | | | | | | |
| 115 | JBTP19_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040179 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 116 | QCAQ20240613_02 | Jun 13, 2024 | | Soil | S24-Jn0040180 | | X | | | | | | | | | | | | |
| 117 | JBTP20_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040181 | | X | | | | | | | | | | | | |
| 118 | JBTP20_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040182 | | X | | | | | | | | | | | | |
| 119 | JBTP21_0.2-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040183 | | X | | | | | | | | | | | | |
| 120 | QCAQ20240613_03 | Jun 13, 2024 | | Soil | S24-Jn0040184 | | X | | | | | | | | | | | | |
| 121 | JBTP22_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040185 | | X | | | | | | | | | | | | |
| 122 | JBTP22_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040186 | | X | | | | | | | | | | | | |
| 123 | JBTP25_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040187 | | X | | | | | | | | | | | | |
| 124 | JBTP25_1.0-1.8 | Jun 12, 2024 | | Soil | S24-Jn0040188 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 125 | JBTP27_0.0-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040189 | | X | | | | | | | | | | | | |
| 126 | JBTP27_0.2-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040190 | | X | | | | | | | | | | | | |
| 127 | JBTP27_0.5-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040191 | | X | | | | | | | | | | | | |
| 128 | JBTP27_1.5-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040192 | | X | | | | | | | | | | | | |
| 129 | JBTP28_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040193 | | X | | | | | | | | | | | | |
| 130 | JBTP29_0.0-0.8 | Jun 13, 2024 | | Soil | S24-Jn0040194 | | X | | | | | | | | | | | | |
| 131 | JBTP29_0.8-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040195 | | X | | | | | | | | | | | | |
| 132 | JBTP33_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040196 | | X | | | | | | | | | | | | |
| 133 | JBTP33_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040197 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 134 | JBTP33_2.0-3.0 | Jun 12, 2024 | | Soil | S24-Jn0040198 | | X | | | | | | | | | | | | |
| 135 | JBTP33_3.0-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040199 | | X | | | | | | | | | | | | |
| 136 | JBTP35_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040200 | | X | | | | | | | | | | | | |
| 137 | JBTP35_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040201 | | X | | | | | | | | | | | | |
| 138 | TS | Jun 12, 2024 | | Water | S24-Jn0040202 | | | | | | | | | | X | | | | |
| 139 | JBTP03_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040203 | | | X | | | | | | | | | | | |
| 140 | JBTP04_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040204 | | | X | | | | | | | | | | | |
| 141 | JBTP04_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040205 | | | X | | | | | | | | | | | |
| 142 | JBTP05_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040206 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 143 | JBTP05_2.4-2.5 | Jun 12, 2024 | | Soil | S24-Jn0040207 | | | X | | | | | | | | | | | |
| 144 | JBTP05_2.9-3.0 | Jun 12, 2024 | | Soil | S24-Jn0040208 | | | X | | | | | | | | | | | |
| 145 | JBTP09_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040209 | | | X | | | | | | | | | | | |
| 146 | JBTP10_0.7-0.8 | Jun 12, 2024 | | Soil | S24-Jn0040210 | | | X | | | | | | | | | | | |
| 147 | JBTP10_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040211 | | | X | | | | | | | | | | | |
| 148 | JBTP12_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040212 | | | X | | | | | | | | | | | |
| 149 | JBTP18_0.2-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040213 | | | X | | | | | | | | | | | |
| 150 | JBTP19_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040214 | | | X | | | | | | | | | | | |
| 151 | JBTP19_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040215 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 152 | JBTP20_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040216 | | | X | | | | | | | | | | | |
| 153 | JBTP21_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040217 | | | X | | | | | | | | | | | |
| 154 | JBTP22_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040218 | | | X | | | | | | | | | | | |
| 155 | JBTP22_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040219 | | | X | | | | | | | | | | | |
| 156 | JBTP22_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040220 | | | X | | | | | | | | | | | |
| 157 | JBTP23_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040221 | | | X | | | | | | | | | | | |
| 158 | JBTP24_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040222 | | | X | | | | | | | | | | | |
| 159 | JBTP24_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040223 | | | X | | | | | | | | | | | |
| 160 | JBTP25_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040224 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 161 | JBTP25_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040225 | | | X | | | | | | | | | | | |
| 162 | JBTP26_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040226 | | | X | | | | | | | | | | | |
| 163 | JBTP27_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040227 | | | X | | | | | | | | | | | |
| 164 | JBTP27_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040228 | | | X | | | | | | | | | | | |
| 165 | JBTP27_1.7-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040229 | | | X | | | | | | | | | | | |
| 166 | JBTP28_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040230 | | | X | | | | | | | | | | | |
| 167 | JBTP28_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040231 | | | X | | | | | | | | | | | |
| 168 | JBTP28_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040232 | | | X | | | | | | | | | | | |
| 169 | JBTP28_1.1-1.2 | Jun 13, 2024 | | Soil | S24-Jn0040233 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 170 | JBTP29_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040234 | | | X | | | | | | | | | | | |
| 171 | JBTP29_0.7-0.8 | Jun 13, 2024 | | Soil | S24-Jn0040235 | | | X | | | | | | | | | | | |
| 172 | JBTP29_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040236 | | | X | | | | | | | | | | | |
| 173 | JBTP31_0.5-0.6 | Jun 13, 2024 | | Soil | S24-Jn0040237 | | | X | | | | | | | | | | | |
| 174 | JBTP33_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040238 | | | X | | | | | | | | | | | |
| 175 | JBTP33_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040239 | | | X | | | | | | | | | | | |
| 176 | JBTP33_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040240 | | | X | | | | | | | | | | | |
| 177 | JBTP03_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040241 | | | X | | | | | | | | | | | |
| 178 | JBTP03_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040242 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 179 | JBTP04_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040243 | | | X | | | | | | | | | | | |
| 180 | QC04 | Jun 12, 2024 | | Soil | S24-Jn0040244 | | | X | | | | | | | | | | | |
| 181 | QC04 | Jun 12, 2024 | | Soil | S24-Jn0040245 | | | X | | | | | | | | | | | |
| 182 | JBTP01_0.0-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040246 | | | X | | | | | | | | | | | |
| 183 | JBTP02_0.0-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040247 | | | X | | | | | | | | | | | |
| 184 | JBTP11_0.0-0.2 | Jun 12, 2024 | | Soil | S24-Jn0040248 | | | X | | | | | | | | | | | |
| 185 | JBTP18_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040249 | | | X | | | | | | | | | | | |
| 186 | JBTP21_0.0-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040250 | | | X | | | | | | | | | | | |
| 187 | JBTP23_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040251 | | | X | | | | | | | | | | | |
| 188 | JBTP24_0.0- | Jun 13, 2024 | | Soil | S24-Jn0040252 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| | 0.2 | | | | | | | | | | | | | | | | | | |
| 189 | JBTP26_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040253 | | | X | | | | | | | | | | | |
| 190 | JBTP30_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040254 | | | X | | | | | | | | | | | |
| 191 | JBTP31_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040255 | | | X | | | | | | | | | | | |
| 192 | JBTP31_0.3-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040256 | | | X | | | | | | | | | | | |
| 193 | JBTP32_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040257 | | | X | | | | | | | | | | | |
| 194 | JBTP34_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040258 | | | X | | | | | | | | | | | |
| 195 | JBTP36_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040259 | | | X | | | | | | | | | | | |
| 196 | TB | Jun 12, 2024 | | Water | S24-Jn0040260 | | | | | | | | | | X | | | | |
| 197 | TS | Jun 13, 2024 | | Water | S24-Jn0040261 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 198 | TB | Jun 13, 2024 | | Water | S24-Jn0040262 | | | X | | | | | | | | | | | |
| **Test Counts** | | | | | | 1 | 60 | 59 | 1 | 1 | 32 | 16 | 16 | 33 | 11 | 77 | 1 | 26 | 10 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Heavy Metals** | | | | | | | |
| Arsenic | mg/kg | < 2 | | | 2 | Pass | |
| Cadmium | mg/kg | < 0.4 | | | 0.4 | Pass | |
| Chromium | mg/kg | < 5 | | | 5 | Pass | |
| Copper | mg/kg | < 5 | | | 5 | Pass | |
| Lead | mg/kg | < 5 | | | 5 | Pass | |
| Mercury | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Nickel | mg/kg | < 5 | | | 5 | Pass | |
| Zinc | mg/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Organochlorine Pesticides** | | | | | | | |
| Chlordanes - Total | mg/kg | < 0.1 | | | 0.1 | Pass | |
| 4.4'-DDD | mg/kg | < 0.05 | | | 0.05 | Pass | |
| 4.4'-DDE | mg/kg | < 0.05 | | | 0.05 | Pass | |
| 4.4'-DDT | mg/kg | < 0.05 | | | 0.05 | Pass | |
| a-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Aldrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| b-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| d-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Dieldrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan I | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan II | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan sulphate | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin aldehyde | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin ketone | mg/kg | < 0.05 | | | 0.05 | Pass | |
| g-HCH (Lindane) | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Heptachlor | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Heptachlor epoxide | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Hexachlorobenzene | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Methoxychlor | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Toxaphene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1016 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1221 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1232 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1242 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1248 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1254 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1260 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Total PCB* | mg/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Acenaphthylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benz(a)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(a)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(b&j)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(g.h.i)perylene | mg/kg | < 0.5 | | | 0.5 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Benzo(k)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Chrysene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Dibenz(a.h)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluorene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Indeno(1.2.3-cd)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Phenanthrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | mg/kg | < 20 | | | 20 | Pass | |
| TRH C6-C10 | mg/kg | < 20 | | | 20 | Pass | |
| **Method Blank** | | | | | | | |
| **BTEX** | | | | | | | |
| Benzene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Toluene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Ethylbenzene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| m&p-Xylenes | mg/kg | < 0.2 | | | 0.2 | Pass | |
| o-Xylene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Xylenes - Total* | mg/kg | < 0.3 | | | 0.3 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Heavy Metals** | | | | | | | |
| Arsenic | mg/kg | < 2 | | | 2 | Pass | |
| Cadmium | mg/kg | < 0.4 | | | 0.4 | Pass | |
| Chromium | mg/kg | < 5 | | | 5 | Pass | |
| Copper | mg/kg | < 5 | | | 5 | Pass | |
| Lead | mg/kg | < 5 | | | 5 | Pass | |
| Mercury | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Nickel | mg/kg | < 5 | | | 5 | Pass | |
| Zinc | mg/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Acenaphthylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benz(a)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(a)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(b&j)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(g.h.i)perylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(k)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Chrysene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Dibenz(a.h)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluorene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Indeno(1.2.3-cd)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Phenanthrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Cation Exchange Capacity** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Cation Exchange Capacity | meq/100g | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Organochlorine Pesticides** | | | | | | | |
| Chlordanes - Total | mg/kg | < 0.1 | | | 0.1 | Pass | |
| 4.4'-DDD | mg/kg | < 0.05 | | | 0.05 | Pass | |
| 4.4'-DDE | mg/kg | < 0.05 | | | 0.05 | Pass | |
| 4.4'-DDT | mg/kg | < 0.05 | | | 0.05 | Pass | |
| a-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Aldrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| b-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| d-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Dieldrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan I | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan II | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan sulphate | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin aldehyde | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin ketone | mg/kg | < 0.05 | | | 0.05 | Pass | |
| g-HCH (Lindane) | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Heptachlor | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Heptachlor epoxide | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Hexachlorobenzene | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Methoxychlor | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Toxaphene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1016 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1221 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1232 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1242 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1248 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1254 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1260 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Total PCB* | mg/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Acenaphthylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benz(a)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(a)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(b&j)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(g.h.i)perylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(k)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Chrysene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Dibenz(a.h)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluorene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Indeno(1.2.3-cd)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Phenanthrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Acenaphthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Acenaphthylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benz(a)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(a)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(b&j)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(g.h.i)perylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(k)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Chrysene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Dibenz(a.h)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluorene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Indeno(1.2.3-cd)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Phenanthrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C10-C14 | mg/kg | < 20 | | | 20 | Pass | |
| TRH C15-C28 | mg/kg | < 50 | | | 50 | Pass | |
| TRH C29-C36 | mg/kg | < 50 | | | 50 | Pass | |
| TRH >C10-C16 | mg/kg | < 50 | | | 50 | Pass | |
| TRH >C16-C34 | mg/kg | < 100 | | | 100 | Pass | |
| TRH >C34-C40 | mg/kg | < 100 | | | 100 | Pass | |
| **Method Blank** | | | | | | | |
| **Organochlorine Pesticides** | | | | | | | |
| Chlordanes - Total | mg/kg | < 0.1 | | | 0.1 | Pass | |
| 4.4'-DDD | mg/kg | < 0.05 | | | 0.05 | Pass | |
| 4.4'-DDE | mg/kg | < 0.05 | | | 0.05 | Pass | |
| 4.4'-DDT | mg/kg | < 0.05 | | | 0.05 | Pass | |
| a-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Aldrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| b-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| d-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Dieldrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan I | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan II | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan sulphate | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin aldehyde | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin ketone | mg/kg | < 0.05 | | | 0.05 | Pass | |
| g-HCH (Lindane) | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Heptachlor | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Heptachlor epoxide | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Hexachlorobenzene | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Methoxychlor | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Toxaphene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1016 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1221 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1232 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1242 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1248 | mg/kg | < 0.1 | | | 0.1 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Aroclor-1254 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1260 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Total PCB* | mg/kg | < 0.1 | | | 0.1 | Pass | |
| **Method Blank** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Acenaphthylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benz(a)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(a)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(b&j)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(g.h.i)perylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(k)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Chrysene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Dibenz(a.h)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluorene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Indeno(1.2.3-cd)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Phenanthrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Organochlorine Pesticides** | | | | | | | |
| Chlordanes - Total | mg/kg | < 0.1 | | | 0.1 | Pass | |
| 4.4'-DDD | mg/kg | < 0.05 | | | 0.05 | Pass | |
| 4.4'-DDE | mg/kg | < 0.05 | | | 0.05 | Pass | |
| 4.4'-DDT | mg/kg | < 0.05 | | | 0.05 | Pass | |
| a-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Aldrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| b-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| d-HCH | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Dieldrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan I | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan II | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endosulfan sulphate | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin aldehyde | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Endrin ketone | mg/kg | < 0.05 | | | 0.05 | Pass | |
| g-HCH (Lindane) | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Heptachlor | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Heptachlor epoxide | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Hexachlorobenzene | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Methoxychlor | mg/kg | < 0.05 | | | 0.05 | Pass | |
| Toxaphene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1016 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1221 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1232 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1242 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1248 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1254 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Aroclor-1260 | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Total PCB* | mg/kg | < 0.1 | | | 0.1 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Acenaphthylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benz(a)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(a)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(b&j)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(g.h.i)perylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(k)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Chrysene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Dibenz(a.h)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluorene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Indeno(1.2.3-cd)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Phenanthrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Heavy Metals** | | | | | | | |
| Arsenic | % | 85 | | | 80-120 | Pass | |
| Cadmium | % | 94 | | | 80-120 | Pass | |
| Chromium | % | 94 | | | 80-120 | Pass | |
| Copper | % | 99 | | | 80-120 | Pass | |
| Lead | % | 94 | | | 80-120 | Pass | |
| Mercury | % | 97 | | | 80-120 | Pass | |
| Nickel | % | 97 | | | 80-120 | Pass | |
| Zinc | % | 97 | | | 80-120 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Organochlorine Pesticides** | | | | | | | |
| Chlordanes - Total | % | 79 | | | 70-130 | Pass | |
| 4.4'-DDD | % | 75 | | | 70-130 | Pass | |
| 4.4'-DDE | % | 79 | | | 70-130 | Pass | |
| 4.4'-DDT | % | 81 | | | 70-130 | Pass | |
| a-HCH | % | 78 | | | 70-130 | Pass | |
| Aldrin | % | 76 | | | 70-130 | Pass | |
| b-HCH | % | 83 | | | 70-130 | Pass | |
| d-HCH | % | 79 | | | 70-130 | Pass | |
| Dieldrin | % | 74 | | | 70-130 | Pass | |
| Endosulfan I | % | 80 | | | 70-130 | Pass | |
| Endosulfan II | % | 79 | | | 70-130 | Pass | |
| Endosulfan sulphate | % | 81 | | | 70-130 | Pass | |
| Endrin | % | 88 | | | 70-130 | Pass | |
| Endrin aldehyde | % | 75 | | | 70-130 | Pass | |
| Endrin ketone | % | 84 | | | 70-130 | Pass | |
| g-HCH (Lindane) | % | 81 | | | 70-130 | Pass | |
| Heptachlor | % | 88 | | | 70-130 | Pass | |
| Heptachlor epoxide | % | 77 | | | 70-130 | Pass | |
| Hexachlorobenzene | % | 78 | | | 70-130 | Pass | |
| Methoxychlor | % | 72 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1260 | % | 78 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | % | 83 | | | 70-130 | Pass | |
| Acenaphthylene | % | 82 | | | 70-130 | Pass | |
| Anthracene | % | 83 | | | 70-130 | Pass | |
| Benz(a)anthracene | % | 78 | | | 70-130 | Pass | |
| Benzo(a)pyrene | % | 78 | | | 70-130 | Pass | |
| Benzo(b&j)fluoranthene | % | 82 | | | 70-130 | Pass | |
| Benzo(g.h.i)perylene | % | 93 | | | 70-130 | Pass | |
| Benzo(k)fluoranthene | % | 82 | | | 70-130 | Pass | |
| Chrysene | % | 80 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | % | 83 | | | 70-130 | Pass | |
| Fluoranthene | % | 81 | | | 70-130 | Pass | |
| Fluorene | % | 83 | | | 70-130 | Pass | |
| Indeno(1.2.3-cd)pyrene | % | 82 | | | 70-130 | Pass | |
| Naphthalene | % | 83 | | | 70-130 | Pass | |
| Phenanthrene | % | 78 | | | 70-130 | Pass | |
| Pyrene | % | 85 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | % | 87 | | | 70-130 | Pass | |
| TRH C6-C10 | % | 86 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **BTEX** | | | | | | | |
| Benzene | % | 96 | | | 70-130 | Pass | |
| Toluene | % | 93 | | | 70-130 | Pass | |
| Ethylbenzene | % | 88 | | | 70-130 | Pass | |
| m&p-Xylenes | % | 81 | | | 70-130 | Pass | |
| o-Xylene | % | 85 | | | 70-130 | Pass | |
| Xylenes - Total* | % | 82 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | % | 78 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Heavy Metals** | | | | | | | |
| Arsenic | % | 90 | | | 80-120 | Pass | |
| Cadmium | % | 92 | | | 80-120 | Pass | |
| Chromium | % | 95 | | | 80-120 | Pass | |
| Copper | % | 96 | | | 80-120 | Pass | |
| Lead | % | 91 | | | 80-120 | Pass | |
| Mercury | % | 98 | | | 80-120 | Pass | |
| Nickel | % | 96 | | | 80-120 | Pass | |
| Zinc | % | 98 | | | 80-120 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | % | 90 | | | 70-130 | Pass | |
| Acenaphthylene | % | 89 | | | 70-130 | Pass | |
| Anthracene | % | 87 | | | 70-130 | Pass | |
| Benz(a)anthracene | % | 84 | | | 70-130 | Pass | |
| Benzo(a)pyrene | % | 86 | | | 70-130 | Pass | |
| Benzo(b&j)fluoranthene | % | 81 | | | 70-130 | Pass | |
| Benzo(g.h.i)perylene | % | 94 | | | 70-130 | Pass | |
| Benzo(k)fluoranthene | % | 89 | | | 70-130 | Pass | |
| Chrysene | % | 86 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | % | 87 | | | 70-130 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Fluoranthene | % | 87 | | | 70-130 | Pass | |
| Fluorene | % | 101 | | | 70-130 | Pass | |
| Indeno(1.2.3-cd)pyrene | % | 87 | | | 70-130 | Pass | |
| Naphthalene | % | 87 | | | 70-130 | Pass | |
| Phenanthrene | % | 90 | | | 70-130 | Pass | |
| Pyrene | % | 88 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Organochlorine Pesticides** | | | | | | | |
| Chlordanes - Total | % | 81 | | | 70-130 | Pass | |
| 4.4'-DDD | % | 81 | | | 70-130 | Pass | |
| 4.4'-DDE | % | 81 | | | 70-130 | Pass | |
| 4.4'-DDT | % | 87 | | | 70-130 | Pass | |
| a-HCH | % | 79 | | | 70-130 | Pass | |
| Aldrin | % | 78 | | | 70-130 | Pass | |
| b-HCH | % | 85 | | | 70-130 | Pass | |
| d-HCH | % | 82 | | | 70-130 | Pass | |
| Dieldrin | % | 76 | | | 70-130 | Pass | |
| Endosulfan I | % | 75 | | | 70-130 | Pass | |
| Endosulfan II | % | 78 | | | 70-130 | Pass | |
| Endosulfan sulphate | % | 82 | | | 70-130 | Pass | |
| Endrin | % | 101 | | | 70-130 | Pass | |
| Endrin aldehyde | % | 71 | | | 70-130 | Pass | |
| Endrin ketone | % | 81 | | | 70-130 | Pass | |
| g-HCH (Lindane) | % | 84 | | | 70-130 | Pass | |
| Heptachlor | % | 100 | | | 70-130 | Pass | |
| Heptachlor epoxide | % | 82 | | | 70-130 | Pass | |
| Hexachlorobenzene | % | 78 | | | 70-130 | Pass | |
| Methoxychlor | % | 74 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1260 | % | 80 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | % | 83 | | | 70-130 | Pass | |
| Acenaphthylene | % | 82 | | | 70-130 | Pass | |
| Anthracene | % | 87 | | | 70-130 | Pass | |
| Benz(a)anthracene | % | 78 | | | 70-130 | Pass | |
| Benzo(a)pyrene | % | 79 | | | 70-130 | Pass | |
| Benzo(b&j)fluoranthene | % | 85 | | | 70-130 | Pass | |
| Benzo(g.h.i)perylene | % | 92 | | | 70-130 | Pass | |
| Benzo(k)fluoranthene | % | 88 | | | 70-130 | Pass | |
| Chrysene | % | 80 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | % | 82 | | | 70-130 | Pass | |
| Fluoranthene | % | 88 | | | 70-130 | Pass | |
| Fluorene | % | 84 | | | 70-130 | Pass | |
| Indeno(1.2.3-cd)pyrene | % | 83 | | | 70-130 | Pass | |
| Naphthalene | % | 84 | | | 70-130 | Pass | |
| Phenanthrene | % | 87 | | | 70-130 | Pass | |
| Pyrene | % | 89 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C10-C14 | % | 116 | | | 70-130 | Pass | |
| TRH >C10-C16 | % | 121 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Organochlorine Pesticides** | | | | | | | |
| Chlordanes - Total | % | 84 | | | 70-130 | Pass | |
| 4.4'-DDD | % | 84 | | | 70-130 | Pass | |
| 4.4'-DDE | % | 80 | | | 70-130 | Pass | |
| 4.4'-DDT | % | 95 | | | 70-130 | Pass | |
| a-HCH | % | 79 | | | 70-130 | Pass | |
| Aldrin | % | 78 | | | 70-130 | Pass | |
| b-HCH | % | 78 | | | 70-130 | Pass | |
| d-HCH | % | 78 | | | 70-130 | Pass | |
| Dieldrin | % | 75 | | | 70-130 | Pass | |
| Endosulfan I | % | 76 | | | 70-130 | Pass | |
| Endosulfan II | % | 72 | | | 70-130 | Pass | |
| Endrin | % | 102 | | | 70-130 | Pass | |
| Endrin aldehyde | % | 80 | | | 70-130 | Pass | |
| Endrin ketone | % | 73 | | | 70-130 | Pass | |
| g-HCH (Lindane) | % | 78 | | | 70-130 | Pass | |
| Heptachlor epoxide | % | 92 | | | 70-130 | Pass | |
| Hexachlorobenzene | % | 85 | | | 70-130 | Pass | |
| Methoxychlor | % | 109 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1016 | % | 74 | | | 70-130 | Pass | |
| Aroclor-1260 | % | 72 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | % | 77 | | | 70-130 | Pass | |
| Acenaphthylene | % | 80 | | | 70-130 | Pass | |
| Anthracene | % | 79 | | | 70-130 | Pass | |
| Benz(a)anthracene | % | 84 | | | 70-130 | Pass | |
| Benzo(a)pyrene | % | 80 | | | 70-130 | Pass | |
| Benzo(b&j)fluoranthene | % | 81 | | | 70-130 | Pass | |
| Benzo(g.h.i)perylene | % | 86 | | | 70-130 | Pass | |
| Benzo(k)fluoranthene | % | 79 | | | 70-130 | Pass | |
| Chrysene | % | 82 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | % | 85 | | | 70-130 | Pass | |
| Fluoranthene | % | 76 | | | 70-130 | Pass | |
| Fluorene | % | 97 | | | 70-130 | Pass | |
| Indeno(1.2.3-cd)pyrene | % | 85 | | | 70-130 | Pass | |
| Naphthalene | % | 78 | | | 70-130 | Pass | |
| Phenanthrene | % | 80 | | | 70-130 | Pass | |
| Pyrene | % | 77 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Organochlorine Pesticides** | | | | | | | |
| Chlordanes - Total | % | 98 | | | 70-130 | Pass | |
| 4.4'-DDD | % | 99 | | | 70-130 | Pass | |
| 4.4'-DDE | % | 98 | | | 70-130 | Pass | |
| 4.4'-DDT | % | 106 | | | 70-130 | Pass | |
| a-HCH | % | 96 | | | 70-130 | Pass | |
| Aldrin | % | 101 | | | 70-130 | Pass | |
| b-HCH | % | 97 | | | 70-130 | Pass | |
| d-HCH | % | 98 | | | 70-130 | Pass | |
| Dieldrin | % | 96 | | | 70-130 | Pass | |
| Endosulfan I | % | 90 | | | 70-130 | Pass | |
| Endosulfan II | % | 95 | | | 70-130 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Endosulfan sulphate | % | 96 | | | 70-130 | Pass | |
| Endrin | % | 107 | | | 70-130 | Pass | |
| Endrin aldehyde | % | 91 | | | 70-130 | Pass | |
| Endrin ketone | % | 102 | | | 70-130 | Pass | |
| g-HCH (Lindane) | % | 97 | | | 70-130 | Pass | |
| Heptachlor | % | 101 | | | 70-130 | Pass | |
| Heptachlor epoxide | % | 103 | | | 70-130 | Pass | |
| Hexachlorobenzene | % | 102 | | | 70-130 | Pass | |
| Methoxychlor | % | 94 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polychlorinated Biphenyls** | | | | | | | |
| Aroclor-1016 | % | 88 | | | 70-130 | Pass | |
| Aroclor-1260 | % | 73 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | % | 96 | | | 70-130 | Pass | |
| Acenaphthylene | % | 103 | | | 70-130 | Pass | |
| Anthracene | % | 95 | | | 70-130 | Pass | |
| Benz(a)anthracene | % | 95 | | | 70-130 | Pass | |
| Benzo(a)pyrene | % | 96 | | | 70-130 | Pass | |
| Benzo(b&j)fluoranthene | % | 91 | | | 70-130 | Pass | |
| Benzo(g.h.i)perylene | % | 93 | | | 70-130 | Pass | |
| Benzo(k)fluoranthene | % | 93 | | | 70-130 | Pass | |
| Chrysene | % | 94 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | % | 94 | | | 70-130 | Pass | |
| Fluoranthene | % | 99 | | | 70-130 | Pass | |
| Fluorene | % | 97 | | | 70-130 | Pass | |
| Indeno(1.2.3-cd)pyrene | % | 94 | | | 70-130 | Pass | |
| Naphthalene | % | 98 | | | 70-130 | Pass | |
| Phenanthrene | % | 100 | | | 70-130 | Pass | |
| Pyrene | % | 99 | | | 70-130 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | | | | | |
| Arsenic | S24-Jn0053142 | NCP | % | 101 | | | 75-125 | Pass | |
| Cadmium | S24-Jn0053142 | NCP | % | 98 | | | 75-125 | Pass | |
| Chromium | S24-Jn0053142 | NCP | % | 112 | | | 75-125 | Pass | |
| Copper | N24-Jn0032512 | NCP | % | 103 | | | 75-125 | Pass | |
| Lead | N24-Jn0032512 | NCP | % | 103 | | | 75-125 | Pass | |
| Mercury | S24-Jn0053142 | NCP | % | 121 | | | 75-125 | Pass | |
| Nickel | S24-Jn0053142 | NCP | % | 114 | | | 75-125 | Pass | |
| Zinc | N24-Jn0032512 | NCP | % | 98 | | | 75-125 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | | | | | |
| TRH C10-C14 | S24-Jn0040066 | CP | % | 82 | | | 70-130 | Pass | |
| TRH >C10-C16 | S24-Jn0040066 | CP | % | 82 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | | | | | |
| TRH C6-C9 | S24-Jn0040080 | CP | % | 76 | | | 70-130 | Pass | |
| TRH C6-C10 | S24-Jn0040080 | CP | % | 76 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **BTEX** | | | | Result 1 | | | | | |
| Benzene | S24-Jn0040080 | CP | % | 77 | | | 70-130 | Pass | |
| Toluene | S24-Jn0040080 | CP | % | 80 | | | 70-130 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Ethylbenzene | S24-Jn0040080 | CP | % | 79 | | | 70-130 | Pass | |
| m&p-Xylenes | S24-Jn0040080 | CP | % | 71 | | | 70-130 | Pass | |
| o-Xylene | S24-Jn0040080 | CP | % | 73 | | | 70-130 | Pass | |
| Xylenes - Total* | S24-Jn0040080 | CP | % | 71 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | | | | | |
| Acenaphthene | S24-Jn0040080 | CP | % | 91 | | | 70-130 | Pass | |
| Acenaphthylene | S24-Jn0040080 | CP | % | 90 | | | 70-130 | Pass | |
| Anthracene | S24-Jn0040080 | CP | % | 87 | | | 70-130 | Pass | |
| Benz(a)anthracene | S24-Jn0040080 | CP | % | 84 | | | 70-130 | Pass | |
| Benzo(a)pyrene | S24-Jn0040080 | CP | % | 88 | | | 70-130 | Pass | |
| Benzo(b&j)fluoranthene | S24-Jn0040080 | CP | % | 91 | | | 70-130 | Pass | |
| Benzo(g.h.i)perylene | S24-Jn0040080 | CP | % | 97 | | | 70-130 | Pass | |
| Benzo(k)fluoranthene | S24-Jn0040080 | CP | % | 89 | | | 70-130 | Pass | |
| Chrysene | S24-Jn0040080 | CP | % | 88 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | S24-Jn0040080 | CP | % | 89 | | | 70-130 | Pass | |
| Fluoranthene | S24-Jn0040080 | CP | % | 91 | | | 70-130 | Pass | |
| Fluorene | S24-Jn0040080 | CP | % | 92 | | | 70-130 | Pass | |
| Indeno(1.2.3-cd)pyrene | S24-Jn0040080 | CP | % | 88 | | | 70-130 | Pass | |
| Naphthalene | S24-Jn0040080 | CP | % | 92 | | | 70-130 | Pass | |
| Phenanthrene | S24-Jn0040080 | CP | % | 87 | | | 70-130 | Pass | |
| Pyrene | S24-Jn0040080 | CP | % | 92 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | S24-Jn0040081 | CP | % | 111 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | S24-Jn0040081 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | S24-Jn0040081 | CP | % | 97 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | S24-Jn0040081 | CP | % | 113 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | S24-Jn0040081 | CP | % | 93 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | S24-Jn0040081 | CP | % | 105 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | S24-Jn0040081 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | S24-Jn0040081 | CP | % | 101 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | S24-Jn0040081 | CP | % | 105 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | S24-Jn0040081 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | S24-Jn0040081 | CP | % | 114 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | S24-Jn0040081 | CP | % | 104 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | S24-Jn0040081 | CP | % | 94 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | S24-Jn0040081 | CP | % | 91 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | S24-Jn0040081 | CP | % | 95 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | S24-Jn0040081 | CP | % | 106 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | S24-Jn0040081 | CP | % | 106 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | S24-Jn0040081 | CP | % | 104 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorobutanesulfonic acid (PFBS) | S24-Jn0040081 | CP | % | 85 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | S24-Jn0040081 | CP | % | 94 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | S24-Jn0040081 | CP | % | 82 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | S24-Jn0040081 | CP | % | 92 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | S24-Jn0040081 | CP | % | 99 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | S24-Jn0040081 | CP | % | 115 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | S24-Jn0040081 | CP | % | 117 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | S24-Jn0040081 | CP | % | 106 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | S24-Jn0040081 | CP | % | 85 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | S24-Jn0040081 | CP | % | 85 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | S24-Jn0040081 | CP | % | 89 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | S24-Jn0040081 | CP | % | 99 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | | | | | |
| Arsenic | S24-Jn0040096 | CP | % | 101 | | | 75-125 | Pass | |
| Cadmium | S24-Jn0040096 | CP | % | 100 | | | 75-125 | Pass | |
| Chromium | S24-Jn0040096 | CP | % | 83 | | | 75-125 | Pass | |
| Copper | S24-Jn0040096 | CP | % | 98 | | | 75-125 | Pass | |
| Lead | S24-Jn0040096 | CP | % | 104 | | | 75-125 | Pass | |
| Mercury | S24-Jn0040096 | CP | % | 105 | | | 75-125 | Pass | |
| Nickel | S24-Jn0040096 | CP | % | 101 | | | 75-125 | Pass | |
| Zinc | S24-Jn0040096 | CP | % | 98 | | | 75-125 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | | | | | |
| Acenaphthene | S24-Jn0035863 | NCP | % | 89 | | | 70-130 | Pass | |
| Acenaphthylene | S24-Jn0035863 | NCP | % | 74 | | | 70-130 | Pass | |
| Anthracene | S24-Jn0035863 | NCP | % | 81 | | | 70-130 | Pass | |
| Chrysene | S24-Jn0035863 | NCP | % | 90 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | S24-Jn0035863 | NCP | % | 72 | | | 70-130 | Pass | |
| Fluoranthene | S24-Jn0035863 | NCP | % | 71 | | | 70-130 | Pass | |
| Fluorene | S24-Jn0035863 | NCP | % | 87 | | | 70-130 | Pass | |
| Naphthalene | S24-Jn0035863 | NCP | % | 85 | | | 70-130 | Pass | |
| Phenanthrene | S24-Jn0035863 | NCP | % | 88 | | | 70-130 | Pass | |
| Pyrene | S24-Jn0035863 | NCP | % | 71 | | | 70-130 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| TRH C10-C14 | S24-Jn0040065 | CP | mg/kg | < 20 | < 20 | <1 | 30% | Pass | |
| TRH C15-C28 | S24-Jn0040065 | CP | mg/kg | < 50 | < 50 | <1 | 30% | Pass | |
| TRH C29-C36 | S24-Jn0040065 | CP | mg/kg | < 50 | < 50 | <1 | 30% | Pass | |
| TRH >C10-C16 | S24-Jn0040065 | CP | mg/kg | < 50 | < 50 | <1 | 30% | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| TRH >C16-C34 | S24-Jn0040065 | CP | mg/kg | < 100 | < 100 | <1 | 30% | Pass | |
| TRH >C34-C40 | S24-Jn0040065 | CP | mg/kg | < 100 | < 100 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | S24-Jn0040068 | CP | % | 19 | 17 | 14 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Organochlorine Pesticides** | | | | Result 1 | Result 2 | RPD | | | |
| Chlordanes - Total | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 4.4'-DDD | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 4.4'-DDE | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 4.4'-DDT | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| a-HCH | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Aldrin | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| b-HCH | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| d-HCH | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Dieldrin | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endosulfan I | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endosulfan II | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endosulfan sulphate | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endrin | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endrin aldehyde | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endrin ketone | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| g-HCH (Lindane) | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Heptachlor | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Heptachlor epoxide | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Hexachlorobenzene | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Methoxychlor | S24-Jn0040073 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Toxaphene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Polychlorinated Biphenyls** | | | | Result 1 | Result 2 | RPD | | | |
| Aroclor-1016 | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1221 | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1232 | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1242 | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1248 | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1254 | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1260 | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Total PCB* | S24-Jn0040073 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| Acenaphthene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Acenaphthylene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Anthracene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benz(a)anthracene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(a)pyrene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(b&j)fluoranthene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(g.h.i)perylene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(k)fluoranthene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Chrysene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Dibenz(a.h)anthracene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluoranthene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluorene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| Indeno(1.2.3-cd)pyrene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Naphthalene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Phenanthrene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Pyrene | S24-Jn0040073 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **BTEX** | | | | Result 1 | Result 2 | RPD | | | |
| Benzene | S24-Jn0040078 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Toluene | S24-Jn0040078 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Ethylbenzene | S24-Jn0040078 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| m&p-Xylenes | S24-Jn0040078 | CP | mg/kg | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| o-Xylene | S24-Jn0040078 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Xylenes - Total* | S24-Jn0040078 | CP | mg/kg | < 0.3 | < 0.3 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | Result 1 | Result 2 | RPD | | | |
| Naphthalene | S24-Jn0040078 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | S24-Jn0040080 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | S24-Jn0040080 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorohexanesulfonic acid (PFHxS) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | S24-Jn0040080 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | S24-Jn0040080 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Arsenic | S24-Jn0040082 | CP | mg/kg | 5.4 | 4.3 | 22 | 30% | Pass | |
| Cadmium | S24-Jn0040082 | CP | mg/kg | < 0.4 | < 0.4 | <1 | 30% | Pass | |
| Chromium | S24-Jn0040082 | CP | mg/kg | 15 | 13 | 16 | 30% | Pass | |
| Copper | S24-Jn0040082 | CP | mg/kg | 20 | 18 | 8.1 | 30% | Pass | |
| Lead | S24-Jn0040082 | CP | mg/kg | 27 | 27 | <1 | 30% | Pass | |
| Mercury | S24-Jn0040082 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Nickel | S24-Jn0040082 | CP | mg/kg | 12 | 9.9 | 18 | 30% | Pass | |
| Zinc | S24-Jn0040082 | CP | mg/kg | 59 | 53 | 11 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Arsenic | S24-Jn0040094 | CP | mg/kg | 7.0 | 5.9 | 17 | 30% | Pass | |
| Cadmium | S24-Jn0040094 | CP | mg/kg | < 0.4 | < 0.4 | <1 | 30% | Pass | |
| Chromium | S24-Jn0040094 | CP | mg/kg | 12 | 11 | 6.8 | 30% | Pass | |
| Copper | S24-Jn0040094 | CP | mg/kg | 29 | 25 | 17 | 30% | Pass | |
| Lead | S24-Jn0040094 | CP | mg/kg | 25 | 23 | 8.1 | 30% | Pass | |
| Mercury | S24-Jn0040094 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Nickel | S24-Jn0040094 | CP | mg/kg | 17 | 15 | 13 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| Acenaphthene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Acenaphthylene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Anthracene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benz(a)anthracene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(a)pyrene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(b&j)fluoranthene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(g.h.i)perylene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(k)fluoranthene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Chrysene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Dibenz(a.h)anthracene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluoranthene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluorene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Indeno(1.2.3-cd)pyrene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Naphthalene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Phenanthrene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Pyrene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| | | | | Result 1 | Result 2 | RPD | | | |
| pH (1:5 Aqueous extract at 25 °C as rec.) | N24-Jn0049344 | NCP | pH Units | 6.8 | 5.9 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Cation Exchange Capacity** | | | | Result 1 | Result 2 | RPD | | | |
| Cation Exchange Capacity | S24-Jn0040098 | CP | meq/100g | 17 | 17 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | S24-Jn0040099 | CP | % | 20 | 19 | 4.7 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **BTEX** | | | | Result 1 | Result 2 | RPD | | | |
| Benzene | S24-Jn0040104 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Toluene | S24-Jn0040104 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Ethylbenzene | S24-Jn0040104 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| m&p-Xylenes | S24-Jn0040104 | CP | mg/kg | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| o-Xylene | S24-Jn0040104 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Xylenes - Total* | S24-Jn0040104 | CP | mg/kg | < 0.3 | < 0.3 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | S24-Jn0040109 | CP | % | 14 | 14 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Arsenic | S24-Jn0040113 | CP | mg/kg | 11 | 13 | 21 | 30% | Pass | |
| Cadmium | S24-Jn0040113 | CP | mg/kg | < 0.4 | < 0.4 | <1 | 30% | Pass | |
| Chromium | S24-Jn0040113 | CP | mg/kg | 20 | 16 | 20 | 30% | Pass | |
| Copper | S24-Jn0040113 | CP | mg/kg | 32 | 52 | 48 | 30% | Fail | Q15 |
| Mercury | S24-Jn0040113 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Nickel | S24-Jn0040113 | CP | mg/kg | 20 | 28 | 33 | 30% | Fail | Q15 |
| **Duplicate** | | | | | | | | | |
| **BTEX** | | | | Result 1 | Result 2 | RPD | | | |
| Benzene | S24-Jn0040122 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Toluene | S24-Jn0040122 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Ethylbenzene | S24-Jn0040122 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| m&p-Xylenes | S24-Jn0040122 | CP | mg/kg | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| o-Xylene | S24-Jn0040122 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Xylenes - Total* | S24-Jn0040122 | CP | mg/kg | < 0.3 | < 0.3 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | Result 1 | Result 2 | RPD | | | |
| Naphthalene | S24-Jn0040122 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | S24-Jn0040129 | CP | % | 20 | 20 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Organochlorine Pesticides** | | | | Result 1 | Result 2 | RPD | | | |
| Chlordanes - Total | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 4.4'-DDD | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 4.4'-DDE | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| 4.4'-DDT | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| a-HCH | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Aldrin | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| b-HCH | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| d-HCH | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Dieldrin | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endosulfan I | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endosulfan II | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Organochlorine Pesticides** | | | | Result 1 | Result 2 | RPD | | | |
| Endosulfan sulphate | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endrin | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endrin aldehyde | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Endrin ketone | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| g-HCH (Lindane) | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Heptachlor | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Heptachlor epoxide | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Hexachlorobenzene | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Methoxychlor | S24-Jn0040132 | CP | mg/kg | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Polychlorinated Biphenyls** | | | | Result 1 | Result 2 | RPD | | | |
| Aroclor-1016 | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1221 | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1232 | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1242 | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1248 | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1254 | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Aroclor-1260 | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Total PCB* | S24-Jn0040132 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| Acenaphthene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Acenaphthylene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Anthracene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benz(a)anthracene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(a)pyrene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(b&j)fluoranthene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(g.h.i)perylene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(k)fluoranthene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Chrysene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Dibenz(a.h)anthracene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluoranthene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluorene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Indeno(1.2.3-cd)pyrene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Naphthalene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Phenanthrene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Pyrene | S24-Jn0040132 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| TRH C6-C9 | S24-Jn0040139 | CP | mg/kg | < 20 | < 20 | <1 | 30% | Pass | |
| TRH C6-C10 | S24-Jn0040139 | CP | mg/kg | < 20 | < 20 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **BTEX** | | | | Result 1 | Result 2 | RPD | | | |
| Benzene | S24-Jn0040139 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Toluene | S24-Jn0040139 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Ethylbenzene | S24-Jn0040139 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| m&p-Xylenes | S24-Jn0040139 | CP | mg/kg | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| o-Xylene | S24-Jn0040139 | CP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Xylenes - Total* | S24-Jn0040139 | CP | mg/kg | < 0.3 | < 0.3 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | Result 1 | Result 2 | RPD | | | |
| Naphthalene | S24-Jn0040139 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | S24-Jn0040139 | CP | % | 25 | 26 | 3.0 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | No |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| G01 | The LORs have been raised due to matrix interference |
| N01 | F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis). |
| N02 | Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid. |
| N04 | F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes. |
| N07 | Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |
| Q09 | The Surrogate recovery is outside of the recommended acceptance criteria due to matrix interference. Acceptance criteria were met for all other QC |
| Q15 | The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report. |

### Authorised by:

| | |
|---|---|
| Andrew Black | Analytical Services Manager |
| Emily Rosenberg | Senior Analyst-Metal |
| Fang Yee Tan | Senior Analyst-Metal |
| Jonathon Angell | Senior Analyst-Inorganic |
| Mary Makarios | Senior Analyst-Inorganic |
| Mickael Ros | Senior Analyst-Metal |
| Raymond Siu | Senior Analyst-Volatile |
| Roopesh Rangarajan | Senior Analyst-Organic |
| Roopesh Rangarajan | Senior Analyst-PFAS |
| Roopesh Rangarajan | Senior Analyst-Sample Properties |
| Roopesh Rangarajan | Senior Analyst-Volatile |
| Ryan Phillips | Senior Analyst-Inorganic |
| Sayeed Abu | Senior Analyst-Asbestos |

**Glenn Jackson**
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

**JBS & G Australia (NSW) P/L**
**Level 1, 50 Margaret St**
**Sydney**
**NSW 2000**

**NATA Accredited**
**Accreditation Number 1261**
**Site Number 18217**

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** **Daniel Saeed**

**Report** **1108483-W**
Project name Huntingwood
Project ID 67299
Received Date Jun 17, 2024

| **Client Sample ID** | | | **TS** | **TB** |
|---|---|---|---|---|
| **Sample Matrix** | | | **Water** | **Water** |
| **Eurofins Sample No.** | | | **S24-Jn0040202** | **S24-Jn0040260** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | |
| **BTEX** | | | | |
| Benzene | 0.001 | mg/L | 120 | < 0.001 |
| Toluene | 0.001 | mg/L | 120 | < 0.001 |
| Ethylbenzene | 0.001 | mg/L | 110 | < 0.001 |
| m&p-Xylenes | 0.002 | mg/L | 110 | < 0.002 |
| o-Xylene | 0.001 | mg/L | 120 | < 0.001 |
| Xylenes - Total* | 0.003 | mg/L | 110 | < 0.003 |
| 4-Bromofluorobenzene (surr.) | 1 | % | 115 | 124 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| BTEX | Sydney | Jun 17, 2024 | 14 Days |

- Method: LTM-ORG-2010 BTEX and Volatile TRH

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | X | | | | | | | | | | | | | |
| **External Laboratory** | | | | | | | | | | | | | | |

| No | Sample ID | Sample Date | Sampling Time | Matrix | LAB ID | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JBTP01_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040065 | | | | | | | | | |
| 2 | JBTP01_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040066 | | | | | | | | | |
| 3 | JBTP01_0.6-0.7 | Jun 12, 2024 | | Soil | S24-Jn0040067 | | | | | | | | | |
| 4 | JBTP02_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040068 | | | | | | | | | |
| 5 | JBTP02_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040069 | | | | | | | | | |
| 6 | JBTP03_0.2-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040070 | | | | | | | | | |
| 7 | JBTP03_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040071 | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 8 | JBTP03_1.1-1.2 | Jun 12, 2024 | | Soil | S24-Jn0040072 | | | | | | | | | X | | X | | | |
| 9 | JBTP03_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040073 | | | | | | | X | X | | | X | | | |
| 10 | JBTP03_1.9-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040074 | | | | | | | | | | | X | | X | |
| 11 | JBTP03_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040075 | | | | | | | | | X | | X | | | |
| 12 | JBTP04_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040076 | | | | | | | | | | | X | | X | |
| 13 | JBTP04_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040077 | | | | | | X | | | | | X | | | |
| 14 | JBTP04_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040078 | | | | | | | | | | | X | | X | |
| 15 | JBTP04_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040079 | | | | | | X | | | | | X | | | |
| 16 | JBTP04_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040080 | | | | | | X | | | X | X | X | | X | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 17 | QC01 | Jun 12, 2024 | | Soil | S24-Jn0040081 | | | | | | X | | | X | X | X | | X | X |
| 18 | JBTP05_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040082 | | | | | | X | X | X | X | | X | | X | |
| 19 | JBTP05_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040083 | | | | | | | | | | | X | | | X |
| 20 | JBTP06_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040084 | | | | | | | X | X | X | | X | | | |
| 21 | JBTP06_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040085 | | | | | | | | | X | | X | | | |
| 22 | JBTP06_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040086 | | | | | | | | | X | | X | | | |
| 23 | JBTP06_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040087 | | | | | | | | | X | | X | | | |
| 24 | JBTP07_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040088 | | | | | | | | | | | X | | | X |
| 25 | JBTP07_0.4-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040089 | | | | | | | | | X | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 26 | JBTP08_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040090 | | | | | | | | | X | | X | | | |
| 27 | JBTP08_1.1-1.2 | Jun 12, 2024 | | Soil | S24-Jn0040091 | | | | | | | | | X | X | X | | X | |
| 28 | JBTP08_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040092 | | | | | | | | | X | | X | | | |
| 29 | JBTP09_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040093 | | | | | | | X | X | X | | X | | | |
| 30 | JBTP09_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040094 | | | | | | | | | X | | X | | | |
| 31 | JBTP09_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040095 | | | | | | | | | | X | X | | X | |
| 32 | JBTP10_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040096 | | | | | | | | | X | | X | | | |
| 33 | JBTP11_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040097 | | | | | | X | | | | | X | | | |
| 34 | JBTP11_0.3-0.4 | Jun 12, 2024 | | Soil | S24-Jn0040098 | X | | | X | X | X | | | | | X | X | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 35 | JBTP12_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040099 | | | | | | X | | | | | X | | | |
| 36 | JBTP13_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040100 | | | | | | X | | | X | | X | | | |
| 37 | JBTP13_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040101 | | | | | | X | | | | | X | | | |
| 38 | JBTP13_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040102 | | | | | | | | | X | | X | | | |
| 39 | JBTP14_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040103 | | | | | | | X | X | X | | X | | X | |
| 40 | JBTP14_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040104 | | | | | | | | | X | | X | | X | |
| 41 | JBTP14_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040105 | | | | | | X | | | | | X | | | |
| 42 | JBTP14_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040106 | | | | | | | | | X | | X | | | |
| 43 | JBTP15_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040107 | | | | | | X | | | X | | X | | | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 44 | JBTP15_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040108 | | | | | | X | | | | | X | | | |
| 45 | JBTP15_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040109 | | | | | | | | | | | X | | X | |
| 46 | JBTP16_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040110 | | | | | | X | | | | | X | | X | |
| 47 | JBTP16_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040111 | | | | | | X | | | X | | X | | X | |
| 48 | JBTP16_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040112 | | | | | | X | | | X | | X | | | X |
| 49 | JBTP16_1.7-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040113 | | | | | | | | | X | | X | | | |
| 50 | QC20240613_01 | Jun 13, 2024 | | Soil | S24-Jn0040114 | | | | | | X | | | X | | X | | | X |
| 51 | JBTP17_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040115 | | | | | | X | | | | | X | | | |
| 52 | JBTP17_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040116 | | | | | | X | | | | | X | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 53 | JBTP17_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040117 | | | | | | X | X | X | | | X | | | |
| 54 | JBTP17_1.5-1.6 | Jun 13, 2024 | | Soil | S24-Jn0040118 | | | | | | | | | | | X | | X | |
| 55 | JBTP18_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040119 | | | | | | X | | | | | X | | | |
| 56 | JBTP19_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040120 | | | | | | X | | | | | X | | | |
| 57 | JBTP19_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040121 | | | | | | X | | | | | X | | | |
| 58 | JBTP20_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040122 | | | | | | | X | X | | X | X | | X | |
| 59 | JBTP20_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040123 | | | | | | | X | X | X | | X | | | X |
| 60 | JBTP20_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040124 | | | | | | | | | | | X | | X | |
| 61 | QC20240613_02 | Jun 13, 2024 | | Soil | S24-Jn0040125 | | | | | | | X | X | X | X | X | | X | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 62 | JBTP21_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040126 | | | | | | X | | | | | X | | | |
| 63 | QC20240613_03 | Jun 13, 2024 | | Soil | S24-Jn0040127 | | | | | | X | | | | | X | | | |
| 64 | JBTP22_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040128 | | | | | | X | | | | | X | | | |
| 65 | JBTP25_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040129 | | | | | | | X | X | | | X | | | |
| 66 | JBTP27_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040130 | | | | | | | | | | X | X | | X | |
| 67 | JBTP27_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040131 | | | | | | | | | | X | X | | X | |
| 68 | JBTP30_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040132 | | | | | | | X | X | | | X | | | |
| 69 | JBTP31_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040133 | | | | | | | | | | | X | | X | |
| 70 | JBTP31_0.3-0.4 | Jun 13, 2024 | | Soil | S24-Jn0040134 | | | | | | | | | | | X | | X | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 71 | JBTP32_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040135 | | | | | | | X | X | | | X | | | |
| 72 | JBTP33_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040136 | | | | | | X | X | X | | | X | | | |
| 73 | JBTP34_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040137 | | | | | | | X | X | | | X | | | |
| 74 | JBTP35_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040138 | | | | | | | | | | | X | | X | |
| 75 | JBTP35_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040139 | | | | | | | | | | | X | | X | |
| 76 | JBTP36_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040140 | | | | | | X | | | | | X | | | |
| 77 | QC02 | Jun 12, 2024 | | Soil | S24-Jn0040141 | | | | | | | X | X | | | X | | | |
| 78 | JBTP03_0.0-0.2 | Jun 12, 2024 | | Soil | S24-Jn0040142 | | X | | | | | | | | | | | | |
| 79 | JBTP03_0.2-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040143 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 80 | JBTP03_1.2-1.8 | Jun 12, 2024 | | Soil | S24-Jn0040144 | | X | | | | | | | | | | | | |
| 81 | JBTP03_1.8-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040145 | | X | | | | | | | | | | | | |
| 82 | JBTP03_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040146 | | X | | | | | | | | | | | | |
| 83 | JBTP04_0.3-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040147 | | X | | | | | | | | | | | | |
| 84 | JBTP04_0.0-0.3 | Jun 12, 2024 | | Soil | S24-Jn0040148 | | X | | | | | | | | | | | | |
| 85 | JBTP04_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040149 | | X | | | | | | | | | | | | |
| 86 | JBTP04_1.5-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040150 | | X | | | | | | | | | | | | |
| 87 | JBTP04_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040151 | | X | | | | | | | | | | | | |
| 88 | QC01 | Jun 12, 2024 | | Soil | S24-Jn0040152 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 89 | JBTP05_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040153 | | X | | | | | | | | | | | | |
| 90 | JBTP05_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040154 | | X | | | | | | | | | | | | |
| 91 | JBTP05_2.0-2.5 | Jun 12, 2024 | | Soil | S24-Jn0040155 | | X | | | | | | | | | | | | |
| 92 | JBTP06_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040156 | | X | | | | | | | | | | | | |
| 93 | JBTP06_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040157 | | X | | | | | | | | | | | | |
| 94 | JBTP06_2.0-2.4 | Jun 12, 2024 | | Soil | S24-Jn0040158 | | X | | | | | | | | | | | | |
| 95 | JBTP06_2.4-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040159 | | X | | | | | | | | | | | | |
| 96 | JBTP07_0.0-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040160 | | X | | | | | | | | | | | | |
| 97 | JBTP08_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040161 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 98 | JBTP08_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040162 | | X | | | | | | | | | | | | |
| 99 | JBTP09_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040163 | | X | | | | | | | | | | | | |
| 100 | JBTP09_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040164 | | X | | | | | | | | | | | | |
| 101 | JBTP09_1.5-1.9 | Jun 12, 2024 | | Soil | S24-Jn0040165 | | X | | | | | | | | | | | | |
| 102 | JBTP10_0.0-0.8 | Jun 12, 2024 | | Soil | S24-Jn0040166 | | X | | | | | | | | | | | | |
| 103 | JBTP12_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040167 | | X | | | | | | | | | | | | |
| 104 | JBTP13_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040168 | | X | | | | | | | | | | | | |
| 105 | JBTP13_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040169 | | X | | | | | | | | | | | | |
| 106 | JBTP14_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040170 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 107 | JBTP14_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040171 | | X | | | | | | | | | | | | |
| 108 | JBTP15_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040172 | | X | | | | | | | | | | | | |
| 109 | JBTP16_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040173 | | X | | | | | | | | | | | | |
| 110 | JBTP16_1.0-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040174 | | X | | | | | | | | | | | | |
| 111 | QCAQ20240613_01 | Jun 13, 2024 | | Soil | S24-Jn0040175 | | X | | | | | | | | | | | | |
| 112 | JBTP17_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040176 | | X | | | | | | | | | | | | |
| 113 | JBTP17_1.0-2.0 | Jun 13, 2024 | | Soil | S24-Jn0040177 | | X | | | | | | | | | | | | |
| 114 | JBTP19_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040178 | | X | | | | | | | | | | | | |
| 115 | JBTP19_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040179 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 116 | QCAQ20240613_02 | Jun 13, 2024 | | Soil | S24-Jn0040180 | | X | | | | | | | | | | | | |
| 117 | JBTP20_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040181 | | X | | | | | | | | | | | | |
| 118 | JBTP20_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040182 | | X | | | | | | | | | | | | |
| 119 | JBTP21_0.2-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040183 | | X | | | | | | | | | | | | |
| 120 | QCAQ20240613_03 | Jun 13, 2024 | | Soil | S24-Jn0040184 | | X | | | | | | | | | | | | |
| 121 | JBTP22_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040185 | | X | | | | | | | | | | | | |
| 122 | JBTP22_1.0-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040186 | | X | | | | | | | | | | | | |
| 123 | JBTP25_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040187 | | X | | | | | | | | | | | | |
| 124 | JBTP25_1.0-1.8 | Jun 12, 2024 | | Soil | S24-Jn0040188 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 125 | JBTP27_0.0-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040189 | | X | | | | | | | | | | | | |
| 126 | JBTP27_0.2-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040190 | | X | | | | | | | | | | | | |
| 127 | JBTP27_0.5-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040191 | | X | | | | | | | | | | | | |
| 128 | JBTP27_1.5-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040192 | | X | | | | | | | | | | | | |
| 129 | JBTP28_0.0-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040193 | | X | | | | | | | | | | | | |
| 130 | JBTP29_0.0-0.8 | Jun 13, 2024 | | Soil | S24-Jn0040194 | | X | | | | | | | | | | | | |
| 131 | JBTP29_0.8-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040195 | | X | | | | | | | | | | | | |
| 132 | JBTP33_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040196 | | X | | | | | | | | | | | | |
| 133 | JBTP33_1.0-2.0 | Jun 12, 2024 | | Soil | S24-Jn0040197 | | X | | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 134 | JBTP33_2.0-3.0 | Jun 12, 2024 | | Soil | S24-Jn0040198 | | X | | | | | | | | | | | | |
| 135 | JBTP33_3.0-3.2 | Jun 12, 2024 | | Soil | S24-Jn0040199 | | X | | | | | | | | | | | | |
| 136 | JBTP35_0.0-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040200 | | X | | | | | | | | | | | | |
| 137 | JBTP35_1.0-1.5 | Jun 12, 2024 | | Soil | S24-Jn0040201 | | X | | | | | | | | | | | | |
| 138 | TS | Jun 12, 2024 | | Water | S24-Jn0040202 | | | | | | | | | | X | | | | |
| 139 | JBTP03_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040203 | | | X | | | | | | | | | | | |
| 140 | JBTP04_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040204 | | | X | | | | | | | | | | | |
| 141 | JBTP04_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040205 | | | X | | | | | | | | | | | |
| 142 | JBTP05_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040206 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 143 | JBTP05_2.4-2.5 | Jun 12, 2024 | | Soil | S24-Jn0040207 | | | X | | | | | | | | | | | |
| 144 | JBTP05_2.9-3.0 | Jun 12, 2024 | | Soil | S24-Jn0040208 | | | X | | | | | | | | | | | |
| 145 | JBTP09_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040209 | | | X | | | | | | | | | | | |
| 146 | JBTP10_0.7-0.8 | Jun 12, 2024 | | Soil | S24-Jn0040210 | | | X | | | | | | | | | | | |
| 147 | JBTP10_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040211 | | | X | | | | | | | | | | | |
| 148 | JBTP12_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0040212 | | | X | | | | | | | | | | | |
| 149 | JBTP18_0.2-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040213 | | | X | | | | | | | | | | | |
| 150 | JBTP19_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040214 | | | X | | | | | | | | | | | |
| 151 | JBTP19_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040215 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 152 | JBTP20_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040216 | | | X | | | | | | | | | | | |
| 153 | JBTP21_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040217 | | | X | | | | | | | | | | | |
| 154 | JBTP22_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040218 | | | X | | | | | | | | | | | |
| 155 | JBTP22_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040219 | | | X | | | | | | | | | | | |
| 156 | JBTP22_1.4-1.5 | Jun 13, 2024 | | Soil | S24-Jn0040220 | | | X | | | | | | | | | | | |
| 157 | JBTP23_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040221 | | | X | | | | | | | | | | | |
| 158 | JBTP24_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040222 | | | X | | | | | | | | | | | |
| 159 | JBTP24_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040223 | | | X | | | | | | | | | | | |
| 160 | JBTP25_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0040224 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 161 | JBTP25_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040225 | | | X | | | | | | | | | | | |
| 162 | JBTP26_0.1-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040226 | | | X | | | | | | | | | | | |
| 163 | JBTP27_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040227 | | | X | | | | | | | | | | | |
| 164 | JBTP27_1.0-1.1 | Jun 13, 2024 | | Soil | S24-Jn0040228 | | | X | | | | | | | | | | | |
| 165 | JBTP27_1.7-1.8 | Jun 13, 2024 | | Soil | S24-Jn0040229 | | | X | | | | | | | | | | | |
| 166 | JBTP28_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040230 | | | X | | | | | | | | | | | |
| 167 | JBTP28_0.4-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040231 | | | X | | | | | | | | | | | |
| 168 | JBTP28_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040232 | | | X | | | | | | | | | | | |
| 169 | JBTP28_1.1-1.2 | Jun 13, 2024 | | Soil | S24-Jn0040233 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 170 | JBTP29_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040234 | | | X | | | | | | | | | | | |
| 171 | JBTP29_0.7-0.8 | Jun 13, 2024 | | Soil | S24-Jn0040235 | | | X | | | | | | | | | | | |
| 172 | JBTP29_0.9-1.0 | Jun 13, 2024 | | Soil | S24-Jn0040236 | | | X | | | | | | | | | | | |
| 173 | JBTP31_0.5-0.6 | Jun 13, 2024 | | Soil | S24-Jn0040237 | | | X | | | | | | | | | | | |
| 174 | JBTP33_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0040238 | | | X | | | | | | | | | | | |
| 175 | JBTP33_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0040239 | | | X | | | | | | | | | | | |
| 176 | JBTP33_3.0-3.1 | Jun 12, 2024 | | Soil | S24-Jn0040240 | | | X | | | | | | | | | | | |
| 177 | JBTP03_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040241 | | | X | | | | | | | | | | | |
| 178 | JBTP03_2.5-2.6 | Jun 12, 2024 | | Soil | S24-Jn0040242 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 179 | JBTP04_1.5-1.6 | Jun 12, 2024 | | Soil | S24-Jn0040243 | | | X | | | | | | | | | | | |
| 180 | QC04 | Jun 12, 2024 | | Soil | S24-Jn0040244 | | | X | | | | | | | | | | | |
| 181 | QC04 | Jun 12, 2024 | | Soil | S24-Jn0040245 | | | X | | | | | | | | | | | |
| 182 | JBTP01_0.0-0.6 | Jun 12, 2024 | | Soil | S24-Jn0040246 | | | X | | | | | | | | | | | |
| 183 | JBTP02_0.0-0.5 | Jun 12, 2024 | | Soil | S24-Jn0040247 | | | X | | | | | | | | | | | |
| 184 | JBTP11_0.0-0.2 | Jun 12, 2024 | | Soil | S24-Jn0040248 | | | X | | | | | | | | | | | |
| 185 | JBTP18_0.0-0.1 | Jun 13, 2024 | | Soil | S24-Jn0040249 | | | X | | | | | | | | | | | |
| 186 | JBTP21_0.0-0.2 | Jun 13, 2024 | | Soil | S24-Jn0040250 | | | X | | | | | | | | | | | |
| 187 | JBTP23_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040251 | | | X | | | | | | | | | | | |
| 188 | JBTP24_0.0- | Jun 13, 2024 | | Soil | S24-Jn0040252 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| | 0.2 | | | | | | | | | | | | | | | | | | |
| 189 | JBTP26_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040253 | | | X | | | | | | | | | | | |
| 190 | JBTP30_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040254 | | | X | | | | | | | | | | | |
| 191 | JBTP31_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040255 | | | X | | | | | | | | | | | |
| 192 | JBTP31_0.3-0.5 | Jun 13, 2024 | | Soil | S24-Jn0040256 | | | X | | | | | | | | | | | |
| 193 | JBTP32_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040257 | | | X | | | | | | | | | | | |
| 194 | JBTP34_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040258 | | | X | | | | | | | | | | | |
| 195 | JBTP36_0.0-0.3 | Jun 13, 2024 | | Soil | S24-Jn0040259 | | | X | | | | | | | | | | | |
| 196 | TB | Jun 12, 2024 | | Water | S24-Jn0040260 | | | | | | | | | | X | | | | |
| 197 | TS | Jun 13, 2024 | | Water | S24-Jn0040261 | | | X | | | | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** Huntingwood
**Project ID:** 67299

**Order No.:**
**Report #:** 1108483
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | Asbestos - WA guidelines | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Organochlorine Pesticides | Polychlorinated Biphenyls | Metals M8 | BTEX | Moisture Set | Cation Exchange Capacity | Total Recoverable Hydrocarbons | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | | | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | | | | | |
| 198 | TB | Jun 13, 2024 | | Water | S24-Jn0040262 | | | X | | | | | | | | | | | |
| **Test Counts** | | | | | | 1 | 60 | 59 | 1 | 1 | 32 | 16 | 16 | 33 | 11 | 77 | 1 | 26 | 10 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | No |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Authorised by:

| | |
|---|---|
| Andrew Black | Analytical Services Manager |
| Roopesh Rangarajan | Senior Analyst-Volatile |

**Glenn Jackson**
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

Eurofins Page 1 of 1

# Chain of Custody

JBS&G

PROJECT NO.: 67299
PROJECT NAME: Huntingwood
DATE NEEDED BY: Std TAT
PHONE: Sydney 02 8245 0300 | Perth 08 9488 0100 | Brisbane 07 3112 2688 | Melbourne 03 9642 0599 | Adelaide 08 8431 7113
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) dsaeed@jbsg.com.au; (3) efonti@jbsg.com.au

LABORATORY BATCH NO.:
SAMPLERS: EF + MS
QC LEVEL: NEPM (2013)

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
Please email SRA.
Lab analysis will be sent through once SRA is received.

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | HM | VOCs | TRH | PFAS \| PFOS (trace level) | pH \| EC \| anions | cations \| TOS | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW01 | water | 7/6 | – | 2x vials, amber, green, HM, PFAS, ice | | | | | | | | | | |
| SW02 | ↓ | ↓ | ↓ | ↓ | | | | | | | | | | |
| SW03 | | | | | | | | | | | | | | |
| SW04 | | | | | | | | | | | | | | |
| SW05 | | | | | | | | | | | | | | |
| SW06 | | | | | | | | | | | | | | |
| JBMW01 | | | | | | | | | | | | | | |
| JBMW02 | | | | | | | | | | | | | | |
| JBMW03 | | | | | | | | | | | | | | |
| JBMW04 | | | | | | | | | | | | | | |
| QA01-20240617 | | | | ↓ | | | | | | | | | | |
| QA02-20240617 | | | | vials + ice | | | | | | | | | | |
| TS \| TB | | | | | | | | | | | | | | |
| Rinsate | ↓ | ↓ | ↓ | 2x vials, amber, green, HM, PFAS, ice | | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: Eliza Fonti DATE: 7/6/24 OF: JBS&G | CONSIGNMENT NOTE NO. TRANSPORT CO. | NAME: DATE: 17/6/24 5:18 OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... COOLER TEMP 3.1 ..... deg C |
| NAME: DATE: OF: | CONSIGNMENT NOTE NO. TRANSPORT CO | NAME: DATE: OF: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... COOLER TEMP ..... deg C |

**Container & Preservative Codes:** P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

Controlled Copy (June 2015)
© 2011-2019 JBS&G Australia Pty Ltd

#1109064

Eurofins Page 1 of 1

# Chain of Custody

JBS&G

PROJECT NO.: 67299
PROJECT NAME: Huntingwood
DATE NEEDED BY:
PHONE: Sydney 02 8245 0300 | Perth 08 9488 0100 | Brisbane 07 3112 2688 | Melbourne 03 9642 0599 | Adelaide 08 8431 7113
SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) dsaeed@jbsg.com.au; (3) efonti@jbsg.com.au
COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:
Please email SRA.
Lab analysis will be sent through once SRA is received.

LABORATORY BATCH NO.:
SAMPLERS: EF + MS
QC LEVEL: NEPM (2013)

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | HM | VOCs | TRH | PFAS/PFOS trace level | OPH/EC fractions | Naphthalene/TOS | BTEX | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: REPAIRVA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW01 | water | 7/6 | - | 2xvials, amber, green, HM, PFAS, ice | | | | X | X | X | X | | | | |
| SW02 | | | | | | | X | | X | X | X | | | | |
| SW03 | | | | | | X | X | | X | X | X | | | | |
| SW04 | | | | | | X | X | X | X | X | X | | | | |
| SW05 | | | | | | | | X | X | X | X | | | | |
| SW06 | | | | | | X | X | X | X | X | X | | | | |
| JBMW01 | | | | | | X | X | X | X | X | X | | | | |
| JBMW02 | | | | | | X | X | X | X | X | X | | | | |
| JBMW03 | | | | | | X | X | X | X | X | X | | | | |
| JBMW04 | | | | | | X | X | X | X | X | X | | | | |
| QA01-20240617 | | | | | | X | X | X | X | X | X | | | | |
| QA02-20240617 | | | | | | X | X | X | X | X | X | | | | |
| TS/TB | | | | vials fine | | | | | | | | X | | | |
| Rinsate | | | | 2xvials, amber, green, HM, PFAS, ice | | X | X | X | X | X | X | X | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: Eliza Fonti DATE: 7/6/24 OF: JBS&G | CONSIGNMENT NOTE NO. TRANSPORT CO. | NAME: DATE: OF: | COOLER SEAL – Yes ... No ... Intact ... Broken ... COOLER TEMP ... deg C |
| NAME: DATE: OF: | CONSIGNMENT NOTE NO. TRANSPORT CO | NAME: DATE: OF: | COOLER SEAL – Yes ... No ... Intact ... Broken ... COOLER TEMP ... deg C |

Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

Controlled Copy (June 2015)
© 2011-2019 JBS&G Australia Pty Ltd

eurofins | Environment Testing

www.eurofins.com.au EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**

ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**

ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**

ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**

NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

# Sample Receipt Advice

**Company name:** JBS & G Australia (NSW) P/L
**Contact name:** Daniel Saeed
**Project name:** HUNTINGWOOD
**Project ID:** 67299
**Turnaround time:** 5 Day
**Date/Time received** Jun 17, 2024 5:08 PM
**Eurofins reference** 1109064

## Sample Information

| | |
|---|---|
| ✓ | A detailed list of analytes logged into our LIMS, is included in the attached summary table. |
| ✓ | Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt : 3.1 degrees Celsius. |
| ✓ | All samples have been received as described on the above COC. |
| ✓ | COC has been completed correctly. |
| ✓ | Attempt to chill was evident. |
| ✓ | Appropriately preserved sample containers have been used. |
| ✓ | All samples were received in good condition. |
| ✓ | Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times. |
| ✓ | Appropriate sample containers have been used. |
| ✓ | Sample containers for volatile analysis received with zero headspace. |
| ✗ | Split sample sent to requested external lab. |
| ✗ | Some samples have been subcontracted. |
| N/A | Custody Seals intact (if used). |

## Notes

## Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

**Andrew Black on phone : (+61) 2 9900 8490 or by email: AndrewBlack@eurofins.com**

Results will be delivered electronically via email to Daniel Saeed - dsaeed@jbsg.com.au.

Global Leader - Results you can trust

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109064
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 5:08 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | Conductivity (at 25 °C) | pH (at 25 °C) | Metals M8 filtered | BTEX | Volatile Organics | Total Recoverable Hydrocarbons | Eurofins Suite B1 | Eurofins Suite B11E: Cl/SO4/Alkalinity | BTEX | Per- and Polyfluoroalkyl Substances (PFASs) - Ultra Trace | Eurofins Suite B11C: Na/K/Ca/Mg | Total Dissolved Solids Dried at 180 °C ± 2 °C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | X | X | X | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | | | | | | | | | | X | | |
| **External Laboratory** | | | | | | | | | | | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | | | | | | | | | | | |
| 1 | SW01 | Jun 17, 2024 | | Water | S24-Jn0045346 | X | X | | | | X | | X | | X | X | X |
| 2 | SW02 | Jun 17, 2024 | | Water | S24-Jn0045347 | X | X | | | X | | | X | | X | X | X |
| 3 | SW03 | Jun 17, 2024 | | Water | S24-Jn0045348 | X | X | X | | | | | X | | X | X | X |
| 4 | SW04 | Jun 17, 2024 | | Water | S24-Jn0045349 | X | X | X | | X | X | | X | | X | X | X |
| 5 | SW05 | Jun 17, 2024 | | Water | S24-Jn0045350 | X | X | | | | X | | X | | X | X | X |
| 6 | SW06 | Jun 17, 2024 | | Water | S24-Jn0045351 | X | X | X | | X | X | | X | | X | X | X |
| 7 | JBMW01 | Jun 17, 2024 | | Water | S24-Jn0045352 | X | X | X | | X | X | | X | | X | X | X |
| 8 | JBMW02 | Jun 17, 2024 | | Water | S24-Jn0045353 | X | X | X | | X | X | | X | | X | X | X |
| 9 | JBMW03 | Jun 17, 2024 | | Water | S24-Jn0045354 | X | X | X | | X | X | | X | | X | X | X |
| 10 | JBMW04 | Jun 17, 2024 | | Water | S24-Jn0045355 | X | X | X | | X | X | | X | | X | X | X |
| 11 | QA01_20240617 | Jun 17, 2024 | | Water | S24-Jn0045356 | X | X | X | | X | X | | X | | X | X | X |
| 12 | QA02_20240617 | Jun 17, 2024 | | Water | S24-Jn0045357 | X | X | X | | X | X | | X | | X | X | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109064
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 5:08 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | Conductivity (at 25 °C) | pH (at 25 °C) | Metals M8 filtered | BTEX | Volatile Organics | Total Recoverable Hydrocarbons | Eurofins Suite B1 | Eurofins Suite B11E: Cl/SO4/Alkalinity | BTEX | Per- and Polyfluoroalkyl Substances (PFASs) - Ultra Trace | Eurofins Suite B11C: Na/K/Ca/Mg | Total Dissolved Solids Dried at 180 °C ± 2 °C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | X | X | X | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | | | | | | | | | | X | | |
| 13 | TS | Not Provided | | Water | S24-Jn0045358 | | | | | | | | | X | | | |
| 14 | TB | Not Provided | | Water | S24-Jn0045359 | | | | X | | | | | | | | |
| 15 | RINSATE | Jun 17, 2024 | | Water | S24-Jn0045360 | | | X | | X | | X | | | X | | |
| **Test Counts** | | | | | | 12 | 12 | 10 | 1 | 10 | 10 | 1 | 12 | 1 | 13 | 12 | 12 |

**JBS & G Australia (NSW) P/L**
**Level 1, 50 Margaret St**
**Sydney**
**NSW 2000**

**NATA Accredited**
**Accreditation Number 1261**
**Site Number 18217**

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** **Daniel Saeed**

**Report** **1109064-W**
Project name HUNTINGWOOD
Project ID 67299
Received Date Jun 17, 2024

| **Client Sample ID** | | | **SW01** | **SW02** | **SW03** | **SW04** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Water** | **Water** | **Water** | **Water** |
| **Eurofins Sample No.** | | | **S24-Jn0045346** | **S24-Jn0045347** | **S24-Jn0045348** | **S24-Jn0045349** |
| **Date Sampled** | | | **Jun 17, 2024** | **Jun 17, 2024** | **Jun 17, 2024** | **Jun 17, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 0.02 | mg/L | < 0.02 | - | - | 0.02 |
| TRH C10-C14 | 0.05 | mg/L | < 0.05 | - | - | < 0.05 |
| TRH C15-C28 | 0.1 | mg/L | < 0.1 | - | - | < 0.1 |
| TRH C29-C36 | 0.1 | mg/L | < 0.1 | - | - | < 0.1 |
| TRH C10-C36 (Total) | 0.1 | mg/L | < 0.1 | - | - | < 0.1 |
| TRH C6-C10 | 0.02 | mg/L | < 0.02 | - | - | 0.03 |
| TRH C6-C10 less BTEX (F1)[N04] | 0.02 | mg/L | < 0.02 | - | - | 0.03 |
| TRH >C10-C16 | 0.05 | mg/L | < 0.05 | - | - | < 0.05 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 0.05 | mg/L | < 0.05 | - | - | < 0.05 |
| TRH >C16-C34 | 0.1 | mg/L | < 0.1 | - | - | < 0.1 |
| TRH >C34-C40 | 0.1 | mg/L | < 0.1 | - | - | < 0.1 |
| TRH >C10-C40 (total)* | 0.1 | mg/L | < 0.1 | - | - | < 0.1 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.01 | mg/L | < 0.01 | - | - | < 0.01 |
| | | | | | | |
| Chloride | 1 | mg/L | 120 | 450 | 540 | 3900 |
| Conductivity (at 25 °C) | 10 | uS/cm | 790 | 1500 | 2300 | 12000 |
| pH (at 25 °C) | 0.1 | pH Units | 7.1 | 7.2 | 7.1 | 6.7 |
| Sulphate (as SO4) | 2 | mg/L | 86 | 88 | 83 | 290 |
| Total Dissolved Solids Dried at 180 °C ± 2 °C | 10 | mg/L | 520 | 870 | 1400 | 7500 |
| **Alkalinity (speciated)** | | | | | | |
| Bicarbonate Alkalinity (as CaCO3) | 20 | mg/L | 100 | 97 | 110 | 240 |
| Carbonate Alkalinity (as CaCO3) | 20 | mg/L | < 20 | < 20 | < 20 | < 20 |
| Hydroxide Alkalinity (as CaCO3) | 20 | mg/L | < 20 | < 20 | < 20 | < 20 |
| Total Alkalinity (as CaCO3) | 20 | mg/L | 100 | 97 | 110 | 240 |
| **Alkali Metals** | | | | | | |
| Calcium | 0.5 | mg/L | 45 | 28 | 29 | 110 |
| Magnesium | 0.5 | mg/L | 14 | 30 | 43 | 270 |
| Potassium | 0.5 | mg/L | 4.2 | 2.7 | 2.7 | 5.5 |
| Sodium | 0.5 | mg/L | 91 | 220 | 340 | 2000 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.005 | ug/L | 0.009 | < 0.005 | < 0.005 | < 0.1 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.001 | ug/L | 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.001 | ug/L | 0.007 | < 0.001 | < 0.001 | < 0.1 |

| Client Sample ID | | | SW01 | SW02 | SW03 | SW04 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045346 | S24-Jn0045347 | S24-Jn0045348 | S24-Jn0045349 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | | | |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.001 | ug/L | 0.008 | 0.003 | 0.003 | < 0.1 |
| Perfluorononanoic acid (PFNA)[N11] | 0.001 | ug/L | 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.001 | ug/L | 0.016 | 0.001 | < 0.001 | < 0.1 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.001 | ug/L | 0.009 | 0.004 | 0.003 | < 0.1 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| 13C4-PFBA (surr.) | 1 | % | 11 | 27 | 13 | 28 |
| 13C5-PFPeA (surr.) | 1 | % | 48 | 10 | 51 | 44 |
| 13C5-PFHxA (surr.) | 1 | % | 20 | 35 | 27 | 68 |
| 13C4-PFHpA (surr.) | 1 | % | 26 | 42 | 37 | 60 |
| 13C8-PFOA (surr.) | 1 | % | 42 | 64 | 51 | 58 |
| 13C5-PFNA (surr.) | 1 | % | 65 | 80 | 71 | 56 |
| 13C6-PFDA (surr.) | 1 | % | 67 | 83 | 61 | 46 |
| 13C2-PFUnDA (surr.) | 1 | % | 75 | 81 | 56 | 40 |
| 13C2-PFDoDA (surr.) | 1 | % | 63 | 64 | 46 | 38 |
| 13C2-PFTeDA (surr.) | 1 | % | 43 | 37 | 33 | 52 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.001 | ug/L | 0.004 | 0.002 | 0.002 | < 0.1 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.001 | ug/L | 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.001 | ug/L | [N09]0.003 | [N09]0.001 | [N09]0.001 | < 0.1 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.0001 | ug/L | [N09]0.0056 | [N09]0.0019 | [N09]0.0018 | < 0.1 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| 13C3-PFBS (surr.) | 1 | % | 47 | 75 | 51 | 67 |
| 18O2-PFHxS (surr.) | 1 | % | 83 | 107 | 84 | 73 |
| 13C8-PFOS (surr.) | 1 | % | 115 | 119 | 90 | 56 |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.1 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.1 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.1 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.1 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.1 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.1 |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.1 |
| 13C8-FOSA (surr.) | 1 | % | 95 | 108 | 85 | 62 |
| D3-N-MeFOSA (surr.) | 1 | % | 83 | 82 | 64 | 109 |
| D5-N-EtFOSA (surr.) | 1 | % | 44 | 48 | 37 | 75 |
| D7-N-MeFOSE (surr.) | 1 | % | 35 | 42 | 28 | 48 |
| D9-N-EtFOSE (surr.) | 1 | % | 32 | 35 | 30 | 49 |
| D5-N-EtFOSAA (surr.) | 1 | % | 97 | 89 | 60 | 32 |
| D3-N-MeFOSAA (surr.) | 1 | % | 76 | 81 | 56 | 34 |

| Client Sample ID | | | SW01 | SW02 | SW03 | SW04 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045346 | S24-Jn0045347 | S24-Jn0045348 | S24-Jn0045349 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.1 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.1 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 26 | 35 | 26 | 30 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 68 | 93 | 74 | 31 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 145 | 166 | 122 | 31 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 177 | 187 | 125 | 39 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.001 | ug/L | 0.0086 | 0.0029 | 0.0028 | < 0.1 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.001 | ug/L | 0.0216 | 0.0029 | 0.0018 | < 0.1 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.001 | ug/L | 0.0246 | 0.0039 | 0.0028 | < 0.1 |
| Sum of WA DWER PFAS (n=10)* | 0.005 | ug/L | 0.0616 | 0.0129 | 0.0108 | < 0.1 |
| Sum of PFASs (n=30)* | 0.005 | ug/L | 0.0646 | 0.0129 | 0.0108 | < 0.1 |
| **Volatile Organics** | | | | | | |
| 1.1-Dichloroethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.1-Dichloroethene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.1.1-Trichloroethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.1.1.2-Tetrachloroethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.1.2-Trichloroethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.1.2.2-Tetrachloroethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.2-Dibromoethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.2-Dichlorobenzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.2-Dichloroethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.2-Dichloropropane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.2.3-Trichloropropane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.2.4-Trimethylbenzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.3-Dichlorobenzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.3-Dichloropropane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.3.5-Trimethylbenzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 1.4-Dichlorobenzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 2-Butanone (MEK) | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| 2-Propanone (Acetone) | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| 4-Chlorotoluene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| 4-Methyl-2-pentanone (MIBK) | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| Allyl chloride | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Benzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Bromobenzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Bromochloromethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Bromodichloromethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Bromoform | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Bromomethane | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| Carbon disulfide | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Carbon Tetrachloride | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Chlorobenzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Chloroethane | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |

| Client Sample ID | | | SW01 | SW02 | SW03 | SW04 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045346 | S24-Jn0045347 | S24-Jn0045348 | S24-Jn0045349 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Volatile Organics** | | | | | | |
| Chloroform | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| Chloromethane | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| cis-1.2-Dichloroethene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| cis-1.3-Dichloropropene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Dibromochloromethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Dibromomethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Dichlorodifluoromethane | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| Ethylbenzene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Iodomethane | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Isopropyl benzene (Cumene) | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| m&p-Xylenes | 0.002 | mg/L | - | < 0.002 | - | < 0.002 |
| Methylene Chloride | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| o-Xylene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Styrene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Tetrachloroethene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Toluene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| trans-1.2-Dichloroethene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| trans-1.3-Dichloropropene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Trichloroethene | 0.001 | mg/L | - | < 0.001 | - | < 0.001 |
| Trichlorofluoromethane | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| Vinyl chloride | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| Xylenes - Total* | 0.003 | mg/L | - | < 0.003 | - | < 0.003 |
| Total MAH* | 0.003 | mg/L | - | < 0.003 | - | < 0.003 |
| Vic EPA IWRG 621 CHC (Total)* | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| Vic EPA IWRG 621 Other CHC (Total)* | 0.005 | mg/L | - | < 0.005 | - | < 0.005 |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | 84 | - | 96 |
| Toluene-d8 (surr.) | 1 | % | - | 89 | - | 99 |
| **Heavy Metals** | | | | | | |
| Arsenic (filtered) | 0.001 | mg/L | - | - | < 0.001 | 0.001 |
| Cadmium (filtered) | 0.0002 | mg/L | - | - | < 0.0002 | < 0.0002 |
| Chromium (filtered) | 0.001 | mg/L | - | - | < 0.001 | < 0.001 |
| Copper (filtered) | 0.001 | mg/L | - | - | 0.001 | < 0.001 |
| Lead (filtered) | 0.001 | mg/L | - | - | < 0.001 | < 0.001 |
| Mercury (filtered) | 0.0001 | mg/L | - | - | < 0.0001 | < 0.0001 |
| Nickel (filtered) | 0.001 | mg/L | - | - | < 0.001 | 0.004 |
| Zinc (filtered) | 0.005 | mg/L | - | - | < 0.005 | 0.011 |

| Client Sample ID | | | SW05 | SW06 | JBMW01 | JBMW02 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045350 | S24-Jn0045351 | S24-Jn0045352 | S24-Jn0045353 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 0.02 | mg/L | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| TRH C10-C14 | 0.05 | mg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| TRH C15-C28 | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH C29-C36 | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH C10-C36 (Total) | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |

| Client Sample ID | | | SW05 | SW06 | JBMW01 | JBMW02 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045350 | S24-Jn0045351 | S24-Jn0045352 | S24-Jn0045353 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C10 | 0.02 | mg/L | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| TRH C6-C10 less BTEX (F1)[N04] | 0.02 | mg/L | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| TRH >C10-C16 | 0.05 | mg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 0.05 | mg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| TRH >C16-C34 | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH >C34-C40 | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH >C10-C40 (total)* | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.01 | mg/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| | | | | | | |
| Chloride | 1 | mg/L | 190 | 2700 | 8000 | 3500 |
| Conductivity (at 25 °C) | 10 | uS/cm | 1000 | 8400 | 24000 | 12000 |
| pH (at 25 °C) | 0.1 | pH Units | 7.3 | 7.5 | 7.0 | 7.4 |
| Sulphate (as SO4) | 2 | mg/L | 71 | 350 | 550 | 310 |
| Total Dissolved Solids Dried at 180 °C ± 2 °C | 10 | mg/L | 650 | 4400 | 16000 | 8200 |
| **Alkalinity (speciated)** | | | | | | |
| Bicarbonate Alkalinity (as CaCO3) | 20 | mg/L | 100 | 410 | 970 | 660 |
| Carbonate Alkalinity (as CaCO3) | 20 | mg/L | < 20 | < 20 | < 20 | < 20 |
| Hydroxide Alkalinity (as CaCO3) | 20 | mg/L | < 20 | < 20 | < 20 | < 20 |
| Total Alkalinity (as CaCO3) | 20 | mg/L | 100 | 410 | 970 | 660 |
| **Alkali Metals** | | | | | | |
| Calcium | 0.5 | mg/L | 34 | 73 | 180 | 160 |
| Magnesium | 0.5 | mg/L | 24 | 210 | 620 | 350 |
| Potassium | 0.5 | mg/L | 3.2 | 2.6 | 28 | 27 |
| Sodium | 0.5 | mg/L | 120 | 1500 | 4000 | 1800 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.005 | ug/L | 0.007 | 0.006 | < 0.005 | 0.15 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.001 | ug/L | 0.004 | 0.001 | < 0.001 | 0.037 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.001 | ug/L | 0.005 | 0.003 | < 0.001 | 0.14 |
| Perfluorononanoic acid (PFNA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | 0.001 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.001 | ug/L | 0.011 | 0.003 | < 0.001 | 0.007 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.001 | ug/L | 0.004 | 0.003 | < 0.001 | 0.34 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 13C4-PFBA (surr.) | 1 | % | 24 | 24 | 115 | 78 |
| 13C5-PFPeA (surr.) | 1 | % | 47 | 49 | 181 | 108 |
| 13C5-PFHxA (surr.) | 1 | % | 17 | 26 | 166 | 143 |
| 13C4-PFHpA (surr.) | 1 | % | 25 | 37 | 147 | 143 |
| 13C8-PFOA (surr.) | 1 | % | 41 | 54 | 141 | 139 |
| 13C5-PFNA (surr.) | 1 | % | 63 | 85 | 122 | 132 |
| 13C6-PFDA (surr.) | 1 | % | 63 | 86 | 93 | 113 |
| 13C2-PFUnDA (surr.) | 1 | % | 64 | 87 | 83 | 108 |
| 13C2-PFDoDA (surr.) | 1 | % | 51 | 68 | 64 | 97 |
| 13C2-PFTeDA (surr.) | 1 | % | 21 | 35 | 38 | 57 |

| Client Sample ID | | | SW05 | SW06 | JBMW01 | JBMW02 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045350 | S24-Jn0045351 | S24-Jn0045352 | S24-Jn0045353 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.001 | ug/L | 0.003 | 0.002 | 0.002 | 0.002 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | 0.002 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.001 | ug/L | [N09]0.004 | [N09]0.002 | < 0.001 | [N09]0.004 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.0001 | ug/L | [N09]0.0050 | [N09]0.0027 | [G01]< 0.001 | [N09]0.0044 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 13C3-PFBS (surr.) | 1 | % | 55 | 52 | 161 | 148 |
| 18O2-PFHxS (surr.) | 1 | % | 77 | 89 | 116 | 133 |
| 13C8-PFOS (surr.) | 1 | % | 105 | 127 | 115 | 128 |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 13C8-FOSA (surr.) | 1 | % | 81 | 100 | 94 | 107 |
| D3-N-MeFOSA (surr.) | 1 | % | 51 | 90 | 134 | 135 |
| D5-N-EtFOSA (surr.) | 1 | % | 25 | 49 | 124 | 101 |
| D7-N-MeFOSE (surr.) | 1 | % | 31 | 38 | 80 | 71 |
| D9-N-EtFOSE (surr.) | 1 | % | 23 | 33 | 77 | 72 |
| D5-N-EtFOSAA (surr.) | 1 | % | 72 | 85 | 110 | 103 |
| D3-N-MeFOSAA (surr.) | 1 | % | 66 | 76 | 80 | 83 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 21 | 16 | 98 | 116 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 66 | 67 | 93 | 147 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 126 | 151 | 92 | 122 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 128 | 148 | 108 | 132 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.001 | ug/L | 0.009 | 0.0047 | < 0.001 | 0.0084 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.001 | ug/L | 0.016 | 0.0057 | < 0.001 | 0.0114 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.001 | ug/L | 0.02 | 0.0077 | < 0.001 | 0.0154 |
| Sum of WA DWER PFAS (n=10)* | 0.005 | ug/L | 0.043 | 0.0227 | < 0.005 | 0.6844 |
| Sum of PFASs (n=30)* | 0.005 | ug/L | 0.043 | 0.0227 | < 0.005 | 0.6874 |

| Client Sample ID | | | SW05 | SW06 | JBMW01 | JBMW02 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045350 | S24-Jn0045351 | S24-Jn0045352 | S24-Jn0045353 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Volatile Organics** | | | | | | |
| 1.1-Dichloroethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.1-Dichloroethene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.1.1-Trichloroethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.1.1.2-Tetrachloroethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.1.2-Trichloroethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.1.2.2-Tetrachloroethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.2-Dibromoethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.2-Dichlorobenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.2-Dichloroethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.2-Dichloropropane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.2.3-Trichloropropane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.2.4-Trimethylbenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.3-Dichlorobenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.3-Dichloropropane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.3.5-Trimethylbenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 1.4-Dichlorobenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 2-Butanone (MEK) | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| 2-Propanone (Acetone) | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| 4-Chlorotoluene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| 4-Methyl-2-pentanone (MIBK) | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| Allyl chloride | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Benzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Bromobenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Bromochloromethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Bromodichloromethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Bromoform | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Bromomethane | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| Carbon disulfide | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Carbon Tetrachloride | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Chlorobenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Chloroethane | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| Chloroform | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| Chloromethane | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| cis-1.2-Dichloroethene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| cis-1.3-Dichloropropene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Dibromochloromethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Dibromomethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Dichlorodifluoromethane | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| Ethylbenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Iodomethane | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Isopropyl benzene (Cumene) | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| m&p-Xylenes | 0.002 | mg/L | - | < 0.002 | < 0.002 | < 0.002 |
| Methylene Chloride | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| o-Xylene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Styrene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Tetrachloroethene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Toluene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| trans-1.2-Dichloroethene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| trans-1.3-Dichloropropene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |

| Client Sample ID | | | SW05 | SW06 | JBMW01 | JBMW02 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045350 | S24-Jn0045351 | S24-Jn0045352 | S24-Jn0045353 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Volatile Organics** | | | | | | |
| Trichloroethene | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Trichlorofluoromethane | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| Vinyl chloride | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| Xylenes - Total* | 0.003 | mg/L | - | < 0.003 | < 0.003 | < 0.003 |
| Total MAH* | 0.003 | mg/L | - | < 0.003 | < 0.003 | < 0.003 |
| Vic EPA IWRG 621 CHC (Total)* | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| Vic EPA IWRG 621 Other CHC (Total)* | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | 94 | 98 | 105 |
| Toluene-d8 (surr.) | 1 | % | - | 94 | 96 | 106 |
| **Heavy Metals** | | | | | | |
| Arsenic (filtered) | 0.001 | mg/L | - | < 0.001 | < 0.001 | 0.002 |
| Cadmium (filtered) | 0.0002 | mg/L | - | < 0.0002 | < 0.0002 | < 0.0002 |
| Chromium (filtered) | 0.001 | mg/L | - | < 0.001 | < 0.001 | 0.005 |
| Copper (filtered) | 0.001 | mg/L | - | 0.002 | < 0.001 | 0.001 |
| Lead (filtered) | 0.001 | mg/L | - | < 0.001 | < 0.001 | < 0.001 |
| Mercury (filtered) | 0.0001 | mg/L | - | < 0.0001 | < 0.0001 | < 0.0001 |
| Nickel (filtered) | 0.001 | mg/L | - | 0.001 | 0.001 | 0.005 |
| Zinc (filtered) | 0.005 | mg/L | - | < 0.005 | < 0.005 | < 0.005 |

| Client Sample ID | | | JBMW03 | JBMW04 | QA01_20240617 | QA02_20240617 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045354 | S24-Jn0045355 | S24-Jn0045356 | S24-Jn0045357 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 0.02 | mg/L | < 0.02 | < 0.02 | < 0.02 | < 0.02 |
| TRH C10-C14 | 0.05 | mg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| TRH C15-C28 | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH C29-C36 | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH C10-C36 (Total) | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH C6-C10 | 0.02 | mg/L | < 0.02 | < 0.02 | 0.03 | < 0.02 |
| TRH C6-C10 less BTEX (F1)[N04] | 0.02 | mg/L | < 0.02 | < 0.02 | 0.03 | < 0.02 |
| TRH >C10-C16 | 0.05 | mg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 0.05 | mg/L | < 0.05 | < 0.05 | < 0.05 | < 0.05 |
| TRH >C16-C34 | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH >C34-C40 | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| TRH >C10-C40 (total)* | 0.1 | mg/L | < 0.1 | < 0.1 | < 0.1 | < 0.1 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.01 | mg/L | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| | | | | | | |
| Chloride | 1 | mg/L | 10000 | 7000 | 3600 | 7300 |
| Conductivity (at 25 °C) | 10 | uS/cm | 30000 | 21000 | 12000 | 23000 |
| pH (at 25 °C) | 0.1 | pH Units | 7.1 | 7.0 | 6.8 | 7.0 |
| Sulphate (as SO4) | 2 | mg/L | 670 | 590 | 270 | 490 |
| Total Dissolved Solids Dried at 180 °C ± 2 °C | 10 | mg/L | 17000 | 14000 | 7700 | 14000 |

| Client Sample ID | | | JBMW03 | JBMW04 | QA01_20240617 | QA02_20240617 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045354 | S24-Jn0045355 | S24-Jn0045356 | S24-Jn0045357 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Alkalinity (speciated)** | | | | | | |
| Bicarbonate Alkalinity (as CaCO3) | 20 | mg/L | 520 | 900 | 300 | 990 |
| Carbonate Alkalinity (as CaCO3) | 20 | mg/L | < 20 | < 20 | < 20 | < 20 |
| Hydroxide Alkalinity (as CaCO3) | 20 | mg/L | < 20 | < 20 | < 20 | < 20 |
| Total Alkalinity (as CaCO3) | 20 | mg/L | 520 | 900 | 300 | 990 |
| **Alkali Metals** | | | | | | |
| Calcium | 0.5 | mg/L | 180 | 230 | 130 | 170 |
| Magnesium | 0.5 | mg/L | 840 | 510 | 270 | 620 |
| Potassium | 0.5 | mg/L | 18 | 17 | 10 | 27 |
| Sodium | 0.5 | mg/L | 6000 | 3500 | 1900 | 4000 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluorononanoic acid (PFNA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| 13C4-PFBA (surr.) | 1 | % | 28 | 24 | 25 | 103 |
| 13C5-PFPeA (surr.) | 1 | % | 31 | 27 | 39 | 169 |
| 13C5-PFHxA (surr.) | 1 | % | 116 | 77 | 50 | 160 |
| 13C4-PFHpA (surr.) | 1 | % | 166 | 107 | 42 | 142 |
| 13C8-PFOA (surr.) | 1 | % | 189 | 159 | 47 | 115 |
| 13C5-PFNA (surr.) | 1 | % | 90 | 122 | 41 | 108 |
| 13C6-PFDA (surr.) | 1 | % | 133 | 105 | 34 | 91 |
| 13C2-PFUnDA (surr.) | 1 | % | 99 | 80 | 25 | 85 |
| 13C2-PFDoDA (surr.) | 1 | % | 84 | 61 | 27 | 81 |
| 13C2-PFTeDA (surr.) | 1 | % | 49 | 44 | 32 | 64 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.001 | ug/L | < 0.001 | 0.002 | < 0.1 | 0.001 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.0001 | ug/L | [N09]0.0007 | < 0.0001 | < 0.1 | [G01]< 0.001 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| 13C3-PFBS (surr.) | 1 | % | 166 | 102 | 54 | 147 |
| 18O2-PFHxS (surr.) | 1 | % | 128 | 165 | 52 | 113 |
| 13C8-PFOS (surr.) | 1 | % | 117 | 110 | 76 | 95 |

| Client Sample ID | | | JBMW03 | JBMW04 | QA01_20240617 | QA02_20240617 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045354 | S24-Jn0045355 | S24-Jn0045356 | S24-Jn0045357 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| 13C8-FOSA (surr.) | 1 | % | 108 | 96 | 43 | 93 |
| D3-N-MeFOSA (surr.) | 1 | % | 74 | 91 | 76 | 148 |
| D5-N-EtFOSA (surr.) | 1 | % | 50 | 67 | 57 | 145 |
| D7-N-MeFOSE (surr.) | 1 | % | 52 | 52 | 35 | 75 |
| D9-N-EtFOSE (surr.) | 1 | % | 43 | 45 | 35 | 79 |
| D5-N-EtFOSAA (surr.) | 1 | % | 122 | 75 | 23 | 86 |
| D3-N-MeFOSAA (surr.) | 1 | % | 136 | 125 | 23 | 66 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 92 | 38 | 27 | 75 |
| 13C2-6:2 FTSA (surr.) | 1 | % | INT | 172 | 32 | 74 |
| 13C2-8:2 FTSA (surr.) | 1 | % | INT | 181 | 27 | 68 |
| 13C2-10:2 FTSA (surr.) | 1 | % | INT | 140 | 27 | 112 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.001 | ug/L | < 0.001 | < 0.001 | < 0.1 | < 0.001 |
| Sum of WA DWER PFAS (n=10)* | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| Sum of PFASs (n=30)* | 0.005 | ug/L | < 0.005 | < 0.005 | < 0.1 | < 0.005 |
| **Volatile Organics** | | | | | | |
| 1.1-Dichloroethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.1-Dichloroethene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.1.1-Trichloroethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.1.1.2-Tetrachloroethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.1.2-Trichloroethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.1.2.2-Tetrachloroethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.2-Dibromoethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.2-Dichlorobenzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.2-Dichloroethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.2-Dichloropropane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.2.3-Trichloropropane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.2.4-Trimethylbenzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.3-Dichlorobenzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |

| Client Sample ID | | | JBMW03 | JBMW04 | QA01_20240617 | QA02_20240617 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045354 | S24-Jn0045355 | S24-Jn0045356 | S24-Jn0045357 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Volatile Organics** | | | | | | |
| 1.3-Dichloropropane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.3.5-Trimethylbenzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 1.4-Dichlorobenzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 2-Butanone (MEK) | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 2-Propanone (Acetone) | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 4-Chlorotoluene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| 4-Methyl-2-pentanone (MIBK) | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Allyl chloride | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Benzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Bromobenzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Bromochloromethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Bromodichloromethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Bromoform | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Bromomethane | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Carbon disulfide | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Carbon Tetrachloride | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Chlorobenzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Chloroethane | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Chloroform | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Chloromethane | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| cis-1.2-Dichloroethene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| cis-1.3-Dichloropropene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Dibromochloromethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Dibromomethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Dichlorodifluoromethane | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Ethylbenzene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Iodomethane | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Isopropyl benzene (Cumene) | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| m&p-Xylenes | 0.002 | mg/L | < 0.002 | < 0.002 | < 0.002 | < 0.002 |
| Methylene Chloride | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| o-Xylene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Styrene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Tetrachloroethene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Toluene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| trans-1.2-Dichloroethene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| trans-1.3-Dichloropropene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Trichloroethene | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Trichlorofluoromethane | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Vinyl chloride | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Xylenes - Total* | 0.003 | mg/L | < 0.003 | < 0.003 | < 0.003 | < 0.003 |
| Total MAH* | 0.003 | mg/L | < 0.003 | < 0.003 | < 0.003 | < 0.003 |
| Vic EPA IWRG 621 CHC (Total)* | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| Vic EPA IWRG 621 Other CHC (Total)* | 0.005 | mg/L | < 0.005 | < 0.005 | < 0.005 | < 0.005 |
| 4-Bromofluorobenzene (surr.) | 1 | % | 110 | 97 | 99 | 103 |
| Toluene-d8 (surr.) | 1 | % | 111 | 100 | 98 | 105 |

| Client Sample ID | | | JBMW03 | JBMW04 | QA01_20240617 | QA02_20240617 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045354 | S24-Jn0045355 | S24-Jn0045356 | S24-Jn0045357 |
| Date Sampled | | | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Heavy Metals** | | | | | | |
| Arsenic (filtered) | 0.001 | mg/L | 0.012 | 0.005 | < 0.001 | < 0.001 |
| Cadmium (filtered) | 0.0002 | mg/L | 0.0003 | < 0.0002 | < 0.0002 | < 0.0002 |
| Chromium (filtered) | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Copper (filtered) | 0.001 | mg/L | < 0.001 | 0.002 | < 0.001 | < 0.001 |
| Lead (filtered) | 0.001 | mg/L | < 0.001 | < 0.001 | < 0.001 | < 0.001 |
| Mercury (filtered) | 0.0001 | mg/L | < 0.0001 | < 0.0001 | < 0.0001 | < 0.0001 |
| Nickel (filtered) | 0.001 | mg/L | 0.014 | 0.005 | 0.003 | < 0.001 |
| Zinc (filtered) | 0.005 | mg/L | 0.011 | < 0.005 | 0.010 | < 0.005 |

| Client Sample ID | | | TS | TB | RINSATE |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045358 | S24-Jn0045359 | S24-Jn0045360 |
| Date Sampled | | | Not Provided[I12] | Not Provided[I12] | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | |
| **Total Recoverable Hydrocarbons** | | | | | |
| TRH C6-C9 | 0.02 | mg/L | - | - | < 0.02 |
| TRH C10-C14 | 0.05 | mg/L | - | - | < 0.05 |
| TRH C15-C28 | 0.1 | mg/L | - | - | < 0.1 |
| TRH C29-C36 | 0.1 | mg/L | - | - | < 0.1 |
| TRH C10-C36 (Total) | 0.1 | mg/L | - | - | < 0.1 |
| TRH C6-C10 | 0.02 | mg/L | - | - | < 0.02 |
| TRH C6-C10 less BTEX (F1)[N04] | 0.02 | mg/L | - | - | < 0.02 |
| TRH >C10-C16 | 0.05 | mg/L | - | - | < 0.05 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 0.05 | mg/L | - | - | < 0.05 |
| TRH >C16-C34 | 0.1 | mg/L | - | - | < 0.1 |
| TRH >C34-C40 | 0.1 | mg/L | - | - | < 0.1 |
| TRH >C10-C40 (total)* | 0.1 | mg/L | - | - | < 0.1 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | |
| Naphthalene[N02] | 0.01 | mg/L | - | - | < 0.01 |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| Perfluorodecanoic acid (PFDA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorohexanoic acid (PFHxA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorononanoic acid (PFNA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorooctanoic acid (PFOA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluoropentanoic acid (PFPeA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| 13C4-PFBA (surr.) | 1 | % | - | - | 122 |
| 13C5-PFPeA (surr.) | 1 | % | - | - | 176 |
| 13C5-PFHxA (surr.) | 1 | % | - | - | 175 |
| 13C4-PFHpA (surr.) | 1 | % | - | - | 156 |
| 13C8-PFOA (surr.) | 1 | % | - | - | 138 |
| 13C5-PFNA (surr.) | 1 | % | - | - | 151 |

| Client Sample ID | | | TS | TB | RINSATE |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045358 | S24-Jn0045359 | S24-Jn0045360 |
| Date Sampled | | | Not Provided[I12] | Not Provided[I12] | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | | |
| 13C6-PFDA (surr.) | 1 | % | - | - | 110 |
| 13C2-PFUnDA (surr.) | 1 | % | - | - | 107 |
| 13C2-PFDoDA (surr.) | 1 | % | - | - | 82 |
| 13C2-PFTeDA (surr.) | 1 | % | - | - | 39 |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 0.001 | ug/L | - | - | < 0.001 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 0.0001 | ug/L | - | - | < 0.0001 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 0.001 | ug/L | - | - | < 0.001 |
| 13C3-PFBS (surr.) | 1 | % | - | - | 154 |
| 18O2-PFHxS (surr.) | 1 | % | - | - | 133 |
| 13C8-PFOS (surr.) | 1 | % | - | - | 137 |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| Perfluorooctane sulfonamide (FOSA)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| 13C8-FOSA (surr.) | 1 | % | - | - | 75 |
| D3-N-MeFOSA (surr.) | 1 | % | - | - | 91 |
| D5-N-EtFOSA (surr.) | 1 | % | - | - | 80 |
| D7-N-MeFOSE (surr.) | 1 | % | - | - | 57 |
| D9-N-EtFOSE (surr.) | 1 | % | - | - | 55 |
| D5-N-EtFOSAA (surr.) | 1 | % | - | - | 85 |
| D3-N-MeFOSAA (surr.) | 1 | % | - | - | 88 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 0.005 | ug/L | - | - | < 0.005 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 0.001 | ug/L | - | - | < 0.001 |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | - | 132 |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | - | 115 |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | - | 116 |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | - | 108 |

| Client Sample ID | | | TS | TB | RINSATE |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045358 | S24-Jn0045359 | S24-Jn0045360 |
| Date Sampled | | | Not Provided[I12] | Not Provided[I12] | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | |
| **PFASs Summations** | | | | | |
| Sum (PFHxS + PFOS)* | 0.001 | ug/L | - | - | < 0.001 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 0.001 | ug/L | - | - | < 0.001 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 0.001 | ug/L | - | - | < 0.001 |
| Sum of WA DWER PFAS (n=10)* | 0.005 | ug/L | - | - | < 0.005 |
| Sum of PFASs (n=30)* | 0.005 | ug/L | - | - | < 0.005 |
| **Volatile Organics** | | | | | |
| 1.1-Dichloroethane | 0.001 | mg/L | - | - | < 0.001 |
| 1.1-Dichloroethene | 0.001 | mg/L | - | - | < 0.001 |
| 1.1.1-Trichloroethane | 0.001 | mg/L | - | - | < 0.001 |
| 1.1.1.2-Tetrachloroethane | 0.001 | mg/L | - | - | < 0.001 |
| 1.1.2-Trichloroethane | 0.001 | mg/L | - | - | < 0.001 |
| 1.1.2.2-Tetrachloroethane | 0.001 | mg/L | - | - | < 0.001 |
| 1.2-Dibromoethane | 0.001 | mg/L | - | - | < 0.001 |
| 1.2-Dichlorobenzene | 0.001 | mg/L | - | - | < 0.001 |
| 1.2-Dichloroethane | 0.001 | mg/L | - | - | < 0.001 |
| 1.2-Dichloropropane | 0.001 | mg/L | - | - | < 0.001 |
| 1.2.3-Trichloropropane | 0.001 | mg/L | - | - | < 0.001 |
| 1.2.4-Trimethylbenzene | 0.001 | mg/L | - | - | < 0.001 |
| 1.3-Dichlorobenzene | 0.001 | mg/L | - | - | < 0.001 |
| 1.3-Dichloropropane | 0.001 | mg/L | - | - | < 0.001 |
| 1.3.5-Trimethylbenzene | 0.001 | mg/L | - | - | < 0.001 |
| 1.4-Dichlorobenzene | 0.001 | mg/L | - | - | < 0.001 |
| 2-Butanone (MEK) | 0.005 | mg/L | - | - | < 0.005 |
| 2-Propanone (Acetone) | 0.005 | mg/L | - | - | < 0.005 |
| 4-Chlorotoluene | 0.001 | mg/L | - | - | < 0.001 |
| 4-Methyl-2-pentanone (MIBK) | 0.005 | mg/L | - | - | < 0.005 |
| Allyl chloride | 0.001 | mg/L | - | - | < 0.001 |
| Benzene | 0.001 | mg/L | - | - | < 0.001 |
| Bromobenzene | 0.001 | mg/L | - | - | < 0.001 |
| Bromochloromethane | 0.001 | mg/L | - | - | < 0.001 |
| Bromodichloromethane | 0.001 | mg/L | - | - | < 0.001 |
| Bromoform | 0.001 | mg/L | - | - | < 0.001 |
| Bromomethane | 0.005 | mg/L | - | - | < 0.005 |
| Carbon disulfide | 0.001 | mg/L | - | - | < 0.001 |
| Carbon Tetrachloride | 0.001 | mg/L | - | - | < 0.001 |
| Chlorobenzene | 0.001 | mg/L | - | - | < 0.001 |
| Chloroethane | 0.005 | mg/L | - | - | < 0.005 |
| Chloroform | 0.005 | mg/L | - | - | < 0.005 |
| Chloromethane | 0.005 | mg/L | - | - | < 0.005 |
| cis-1.2-Dichloroethene | 0.001 | mg/L | - | - | < 0.001 |
| cis-1.3-Dichloropropene | 0.001 | mg/L | - | - | < 0.001 |
| Dibromochloromethane | 0.001 | mg/L | - | - | < 0.001 |
| Dibromomethane | 0.001 | mg/L | - | - | < 0.001 |
| Dichlorodifluoromethane | 0.005 | mg/L | - | - | < 0.005 |
| Ethylbenzene | 0.001 | mg/L | - | - | < 0.001 |
| Iodomethane | 0.001 | mg/L | - | - | < 0.001 |
| Isopropyl benzene (Cumene) | 0.001 | mg/L | - | - | < 0.001 |
| m&p-Xylenes | 0.002 | mg/L | - | - | < 0.002 |
| Methylene Chloride | 0.005 | mg/L | - | - | < 0.005 |

| Client Sample ID | | | TS | TB | RINSATE |
|---|---|---|---|---|---|
| Sample Matrix | | | Water | Water | Water |
| Eurofins Sample No. | | | S24-Jn0045358 | S24-Jn0045359 | S24-Jn0045360 |
| Date Sampled | | | Not Provided[I12] | Not Provided[I12] | Jun 17, 2024 |
| Test/Reference | LOR | Unit | | | |
| **Volatile Organics** | | | | | |
| o-Xylene | 0.001 | mg/L | - | - | < 0.001 |
| Styrene | 0.001 | mg/L | - | - | < 0.001 |
| Tetrachloroethene | 0.001 | mg/L | - | - | < 0.001 |
| Toluene | 0.001 | mg/L | - | - | < 0.001 |
| trans-1.2-Dichloroethene | 0.001 | mg/L | - | - | < 0.001 |
| trans-1.3-Dichloropropene | 0.001 | mg/L | - | - | < 0.001 |
| Trichloroethene | 0.001 | mg/L | - | - | < 0.001 |
| Trichlorofluoromethane | 0.005 | mg/L | - | - | < 0.005 |
| Vinyl chloride | 0.005 | mg/L | - | - | < 0.005 |
| Xylenes - Total* | 0.003 | mg/L | - | - | < 0.003 |
| Total MAH* | 0.003 | mg/L | - | - | < 0.003 |
| Vic EPA IWRG 621 CHC (Total)* | 0.005 | mg/L | - | - | < 0.005 |
| Vic EPA IWRG 621 Other CHC (Total)* | 0.005 | mg/L | - | - | < 0.005 |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | - | 93 |
| Toluene-d8 (surr.) | 1 | % | - | - | 94 |
| **Heavy Metals** | | | | | |
| Arsenic (filtered) | 0.001 | mg/L | - | - | < 0.001 |
| Cadmium (filtered) | 0.0002 | mg/L | - | - | < 0.0002 |
| Chromium (filtered) | 0.001 | mg/L | - | - | < 0.001 |
| Copper (filtered) | 0.001 | mg/L | - | - | < 0.001 |
| Lead (filtered) | 0.001 | mg/L | - | - | < 0.001 |
| Mercury (filtered) | 0.0001 | mg/L | - | - | < 0.0001 |
| Nickel (filtered) | 0.001 | mg/L | - | - | < 0.001 |
| Zinc (filtered) | 0.005 | mg/L | - | - | < 0.005 |
| **BTEX** | | | | | |
| Benzene | 1 | % | 99 | - | - |
| Ethylbenzene | 1 | % | 100 | - | - |
| m&p-Xylenes | 1 | % | 100 | - | - |
| o-Xylene | 1 | % | 94 | - | - |
| Toluene | 1 | % | 110 | - | - |
| Xylenes - Total | 1 | % | 96 | - | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | 109 | - | - |
| **BTEX** | | | | | |
| Benzene | 0.001 | mg/L | - | < 0.001 | < 0.001 |
| Toluene | 0.001 | mg/L | - | < 0.001 | < 0.001 |
| Ethylbenzene | 0.001 | mg/L | - | < 0.001 | < 0.001 |
| m&p-Xylenes | 0.002 | mg/L | - | < 0.002 | < 0.002 |
| o-Xylene | 0.001 | mg/L | - | < 0.001 | < 0.001 |
| Xylenes - Total* | 0.003 | mg/L | - | < 0.003 | < 0.003 |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | 120 | 93 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Eurofins Suite B1 | | | |
| Total Recoverable Hydrocarbons - 1999 NEPM Fractions | Sydney | Jun 21, 2024 | 7 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| Total Recoverable Hydrocarbons - 2013 NEPM Fractions | Sydney | Jun 21, 2024 | 7 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| Total Recoverable Hydrocarbons - 2013 NEPM Fractions | Sydney | Jun 21, 2024 | 7 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| BTEX | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 BTEX and Volatile TRH | | | |
| Eurofins Suite B11E: Cl/SO4/Alkalinity | | | |
| Chloride | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-INO-4270 Anions by Ion Chromatography | | | |
| Sulphate (as SO4) | Sydney | Jun 21, 2024 | 28 Days |
| - Method: In-house method LTM-INO-4270 Sulphate by Ion Chromatograph | | | |
| Alkalinity (speciated) | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-INO-4250 Alkalinity by Electrometric Titration | | | |
| Conductivity (at 25 °C) | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-INO-4030 Conductivity | | | |
| pH (at 25 °C) | Sydney | Jun 21, 2024 | 6 Hours |
| - Method: LTM-GEN-7090 pH in water by ISE | | | |
| Eurofins Suite B11C: Na/K/Ca/Mg | Sydney | Jun 19, 2024 | 180 Days |
| - Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS | | | |
| Volatile Organics | Sydney | Jun 19, 2024 | 7 Days |
| - Method: LTM-ORG-2150 VOCs in Soils Liquid and other Aqueous Matrices | | | |
| Metals M8 filtered | Sydney | Jun 19, 2024 | 28 Days |
| - Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS | | | |
| Total Dissolved Solids Dried at 180 °C ± 2 °C | Sydney | Jun 21, 2024 | 7 Days |
| - Method: LTM-INO-4170 Total Dissolved Solids in Water | | | |
| Per- and Polyfluoroalkyl Substances (PFASs) - Ultra Trace | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace | Brisbane | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) - ultra trace | | | |
| Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace | Brisbane | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) - ultra trace | | | |
| Perfluoroalkyl sulfonamido substances- Ultra Trace | Brisbane | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) Ultra trace | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace | Brisbane | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) - ultra trace | | | |
| PFASs Summations | Brisbane | Jun 21, 2024 | |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) - low level | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109064
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 5:08 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | Conductivity (at 25 °C) | pH (at 25 °C) | Metals M8 filtered | BTEX | Volatile Organics | Total Recoverable Hydrocarbons | Eurofins Suite B1 | Eurofins Suite B11E: Cl/SO4/Alkalinity | BTEX | Per- and Polyfluoroalkyl Substances (PFASs) - Ultra Trace | Eurofins Suite B11C: Na/K/Ca/Mg | Total Dissolved Solids Dried at 180 °C ± 2 °C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sydney Laboratory - NATA # 1261 Site # 18217** | X | X | X | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | | | | | X | | |
| **External Laboratory** | | | | | | | | | | | | |

| No | Sample ID | Sample Date | Sampling Time | Matrix | LAB ID | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | SW01 | Jun 17, 2024 | | Water | S24-Jn0045346 | X | X | | | | X | | X | | X | X | X |
| 2 | SW02 | Jun 17, 2024 | | Water | S24-Jn0045347 | X | X | | | X | | | X | | X | X | X |
| 3 | SW03 | Jun 17, 2024 | | Water | S24-Jn0045348 | X | X | X | | | | | X | | X | X | X |
| 4 | SW04 | Jun 17, 2024 | | Water | S24-Jn0045349 | X | X | X | | X | X | | X | | X | X | X |
| 5 | SW05 | Jun 17, 2024 | | Water | S24-Jn0045350 | X | X | | | | X | | X | | X | X | X |
| 6 | SW06 | Jun 17, 2024 | | Water | S24-Jn0045351 | X | X | X | | X | X | | X | | X | X | X |
| 7 | JBMW01 | Jun 17, 2024 | | Water | S24-Jn0045352 | X | X | X | | X | X | | X | | X | X | X |
| 8 | JBMW02 | Jun 17, 2024 | | Water | S24-Jn0045353 | X | X | X | | X | X | | X | | X | X | X |
| 9 | JBMW03 | Jun 17, 2024 | | Water | S24-Jn0045354 | X | X | X | | X | X | | X | | X | X | X |
| 10 | JBMW04 | Jun 17, 2024 | | Water | S24-Jn0045355 | X | X | X | | X | X | | X | | X | X | X |
| 11 | QA01_20240617 | Jun 17, 2024 | | Water | S24-Jn0045356 | X | X | X | | X | X | | X | | X | X | X |
| 12 | QA02_20240617 | Jun 17, 2024 | | Water | S24-Jn0045357 | X | X | X | | X | X | | X | | X | X | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109064
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 5:08 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | Conductivity (at 25 °C) | pH (at 25 °C) | Metals M8 filtered | BTEX | Volatile Organics | Total Recoverable Hydrocarbons | Eurofins Suite B1 | Eurofins Suite B11E: Cl/SO4/Alkalinity | BTEX | Per- and Polyfluoroalkyl Substances (PFASs) - Ultra Trace | Eurofins Suite B11C: Na/K/Ca/Mg | Total Dissolved Solids Dried at 180 °C ± 2 °C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | X | X | X | X | X | X | X | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | | | | | | | | | | X | | |
| 13 | TS | Not Provided | | Water | S24-Jn0045358 | | | | | | | | | X | | | |
| 14 | TB | Not Provided | | Water | S24-Jn0045359 | | | | X | | | | | | | | |
| 15 | RINSATE | Jun 17, 2024 | | Water | S24-Jn0045360 | | | X | | X | | X | | | X | | |
| **Test Counts** | | | | | | 12 | 12 | 10 | 1 | 10 | 10 | 1 | 12 | 1 | 13 | 12 | 12 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Alkali Metals** | | | | | | | |
| Calcium | mg/L | < 0.5 | | | 0.5 | Pass | |
| Magnesium | mg/L | < 0.5 | | | 0.5 | Pass | |
| Potassium | mg/L | < 0.5 | | | 0.5 | Pass | |
| Sodium | mg/L | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Alkalinity (speciated)** | | | | | | | |
| Bicarbonate Alkalinity (as CaCO3) | mg/L | < 20 | | | 20 | Pass | |
| Carbonate Alkalinity (as CaCO3) | mg/L | < 20 | | | 20 | Pass | |
| Hydroxide Alkalinity (as CaCO3) | mg/L | < 20 | | | 20 | Pass | |
| Total Alkalinity (as CaCO3) | mg/L | < 20 | | | 20 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/L | < 0.005 | | | 0.005 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/L | < 0.001 | | | 0.001 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/L | < 0.0001 | | | 0.0001 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | ug/L | < 0.001 | | | 0.001 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/L | < 0.005 | | | 0.005 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/L | < 0.005 | | | 0.005 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/L | < 0.005 | | | 0.005 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/L | < 0.005 | | | 0.005 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/L | < 0.005 | | | 0.005 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/L | < 0.005 | | | 0.005 | Pass | |
| Perfluorooctane sulfonamide (FOSA) | ug/L | < 0.005 | | | 0.005 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/L | < 0.005 | | | 0.005 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/L | < 0.001 | | | 0.001 | Pass | |
| **Method Blank** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | mg/L | < 0.02 | | | 0.02 | Pass | |
| TRH C6-C10 | mg/L | < 0.02 | | | 0.02 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | mg/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Volatile Organics** | | | | | | | |
| Benzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Ethylbenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| m&p-Xylenes | mg/L | < 0.002 | | | 0.002 | Pass | |
| o-Xylene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Toluene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Xylenes - Total* | mg/L | < 0.003 | | | 0.003 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | mg/L | < 0.02 | | | 0.02 | Pass | |
| TRH C6-C10 | mg/L | < 0.02 | | | 0.02 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | mg/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Volatile Organics** | | | | | | | |
| 1.1-Dichloroethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.1-Dichloroethene | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.1.1-Trichloroethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.1.1.2-Tetrachloroethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.1.2-Trichloroethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.1.2.2-Tetrachloroethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.2-Dibromoethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.2-Dichlorobenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.2-Dichloroethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.2-Dichloropropane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.2.3-Trichloropropane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.2.4-Trimethylbenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.3-Dichlorobenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.3-Dichloropropane | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.3.5-Trimethylbenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| 1.4-Dichlorobenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| 2-Butanone (MEK) | mg/L | < 0.005 | | | 0.005 | Pass | |
| 2-Propanone (Acetone) | mg/L | < 0.005 | | | 0.005 | Pass | |
| 4-Chlorotoluene | mg/L | < 0.001 | | | 0.001 | Pass | |
| 4-Methyl-2-pentanone (MIBK) | mg/L | < 0.005 | | | 0.005 | Pass | |
| Allyl chloride | mg/L | < 0.001 | | | 0.001 | Pass | |
| Benzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Bromobenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Bromochloromethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| Bromodichloromethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| Bromoform | mg/L | < 0.001 | | | 0.001 | Pass | |
| Bromomethane | mg/L | < 0.005 | | | 0.005 | Pass | |
| Carbon disulfide | mg/L | < 0.001 | | | 0.001 | Pass | |
| Carbon Tetrachloride | mg/L | < 0.001 | | | 0.001 | Pass | |
| Chlorobenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Chloroethane | mg/L | < 0.005 | | | 0.005 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Chloroform | mg/L | < 0.005 | | | 0.005 | Pass | |
| Chloromethane | mg/L | < 0.005 | | | 0.005 | Pass | |
| cis-1.2-Dichloroethene | mg/L | < 0.001 | | | 0.001 | Pass | |
| cis-1.3-Dichloropropene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Dibromochloromethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| Dibromomethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| Dichlorodifluoromethane | mg/L | < 0.005 | | | 0.005 | Pass | |
| Ethylbenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Iodomethane | mg/L | < 0.001 | | | 0.001 | Pass | |
| Isopropyl benzene (Cumene) | mg/L | < 0.001 | | | 0.001 | Pass | |
| m&p-Xylenes | mg/L | < 0.002 | | | 0.002 | Pass | |
| Methylene Chloride | mg/L | < 0.005 | | | 0.005 | Pass | |
| o-Xylene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Styrene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Tetrachloroethene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Toluene | mg/L | < 0.001 | | | 0.001 | Pass | |
| trans-1.2-Dichloroethene | mg/L | < 0.001 | | | 0.001 | Pass | |
| trans-1.3-Dichloropropene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Trichloroethene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Trichlorofluoromethane | mg/L | < 0.005 | | | 0.005 | Pass | |
| Vinyl chloride | mg/L | < 0.005 | | | 0.005 | Pass | |
| Xylenes - Total* | mg/L | < 0.003 | | | 0.003 | Pass | |
| **Method Blank** | | | | | | | |
| Total Dissolved Solids Dried at 180 °C ± 2 °C | mg/L | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| Conductivity (at 25 °C) | uS/cm | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | mg/L | < 0.02 | | | 0.02 | Pass | |
| TRH C6-C10 | mg/L | < 0.02 | | | 0.02 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | mg/L | < 0.01 | | | 0.01 | Pass | |
| **Method Blank** | | | | | | | |
| **Volatile Organics** | | | | | | | |
| Benzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Ethylbenzene | mg/L | < 0.001 | | | 0.001 | Pass | |
| m&p-Xylenes | mg/L | < 0.002 | | | 0.002 | Pass | |
| o-Xylene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Toluene | mg/L | < 0.001 | | | 0.001 | Pass | |
| Xylenes - Total* | mg/L | < 0.003 | | | 0.003 | Pass | |
| **Method Blank** | | | | | | | |
| **Heavy Metals** | | | | | | | |
| Arsenic (filtered) | mg/L | < 0.001 | | | 0.001 | Pass | |
| Cadmium (filtered) | mg/L | < 0.0002 | | | 0.0002 | Pass | |
| Chromium (filtered) | mg/L | < 0.001 | | | 0.001 | Pass | |
| Copper (filtered) | mg/L | < 0.001 | | | 0.001 | Pass | |
| Lead (filtered) | mg/L | < 0.001 | | | 0.001 | Pass | |
| Mercury (filtered) | mg/L | < 0.0001 | | | 0.0001 | Pass | |
| Nickel (filtered) | mg/L | < 0.001 | | | 0.001 | Pass | |
| Zinc (filtered) | mg/L | < 0.005 | | | 0.005 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Alkali Metals** | | | | | | | |
| Calcium | % | 103 | | | 80-120 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Magnesium | % | 95 | | | 80-120 | Pass | |
| Potassium | % | 97 | | | 80-120 | Pass | |
| Sodium | % | 95 | | | 80-120 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Alkalinity (speciated)** | | | | | | | |
| Bicarbonate Alkalinity (as CaCO3) | % | 104 | | | 70-130 | Pass | |
| Hydroxide Alkalinity (as CaCO3) | % | 104 | | | 70-130 | Pass | |
| Total Alkalinity (as CaCO3) | % | 104 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Volatile Organics** | | | | | | | |
| 1.2-Dichlorobenzene | % | 128 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 92 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 84 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 87 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 93 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 103 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 83 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 76 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 108 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 106 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 148 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 102 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 84 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 73 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 80 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 83 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 94 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 112 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 83 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 59 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 85 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 85 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 75 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 82 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 69 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 86 | | | 50-150 | Pass | |
| Perfluorooctane sulfonamide (FOSA) | % | 81 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 74 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 97 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 112 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 86 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | % | 111 | | | 70-130 | Pass | |
| TRH C6-C10 | % | 110 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | % | 113 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Volatile Organics** | | | | | | | |
| Benzene | % | 115 | | | 70-130 | Pass | |
| Ethylbenzene | % | 113 | | | 70-130 | Pass | |
| m&p-Xylenes | % | 116 | | | 70-130 | Pass | |
| o-Xylene | % | 111 | | | 70-130 | Pass | |
| Toluene | % | 121 | | | 70-130 | Pass | |
| Xylenes - Total* | % | 114 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | % | 123 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Volatile Organics** | | | | | | | |
| 1.1-Dichloroethene | % | 110 | | | 70-130 | Pass | |
| 1.1.1-Trichloroethane | % | 104 | | | 70-130 | Pass | |
| 1.2-Dichloroethane | % | 128 | | | 70-130 | Pass | |
| Benzene | % | 110 | | | 70-130 | Pass | |
| Ethylbenzene | % | 113 | | | 70-130 | Pass | |
| m&p-Xylenes | % | 109 | | | 70-130 | Pass | |
| o-Xylene | % | 108 | | | 70-130 | Pass | |
| Toluene | % | 105 | | | 70-130 | Pass | |
| Trichloroethene | % | 101 | | | 70-130 | Pass | |
| Xylenes - Total* | % | 109 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| Total Dissolved Solids Dried at 180 °C ± 2 °C | % | 102 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| Conductivity (at 25 °C) | % | 99 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | % | 91 | | | 70-130 | Pass | |
| TRH C6-C10 | % | 90 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | % | 102 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Volatile Organics** | | | | | | | |
| Benzene | % | 101 | | | 70-130 | Pass | |
| Ethylbenzene | % | 98 | | | 70-130 | Pass | |
| m&p-Xylenes | % | 102 | | | 70-130 | Pass | |
| o-Xylene | % | 98 | | | 70-130 | Pass | |
| Toluene | % | 107 | | | 70-130 | Pass | |
| Xylenes - Total* | % | 101 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Heavy Metals** | | | | | | | |
| Arsenic (filtered) | % | 89 | | | 80-120 | Pass | |
| Cadmium (filtered) | % | 88 | | | 80-120 | Pass | |
| Chromium (filtered) | % | 95 | | | 80-120 | Pass | |
| Copper (filtered) | % | 95 | | | 80-120 | Pass | |
| Lead (filtered) | % | 95 | | | 80-120 | Pass | |
| Mercury (filtered) | % | 94 | | | 80-120 | Pass | |
| Nickel (filtered) | % | 94 | | | 80-120 | Pass | |
| Zinc (filtered) | % | 96 | | | 80-120 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Alkali Metals** | | | | Result 1 | | | | | |
| Magnesium | N24-Jn0037137 | NCP | % | 95 | | | 75-125 | Pass | |
| Sodium | N24-Jn0037137 | NCP | % | 115 | | | 75-125 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Volatile Organics** | | | | Result 1 | | | | | |
| 1.1-Dichloroethene | S24-Jn0047142 | NCP | % | 115 | | | 70-130 | Pass | |
| 1.1.1-Trichloroethane | S24-Jn0047142 | NCP | % | 107 | | | 70-130 | Pass | |
| 1.2-Dichlorobenzene | S24-Jn0036807 | NCP | % | 120 | | | 70-130 | Pass | |
| 1.2-Dichloroethane | S24-Jn0036807 | NCP | % | 116 | | | 70-130 | Pass | |
| Benzene | S24-Jn0047142 | NCP | % | 113 | | | 70-130 | Pass | |
| Ethylbenzene | S24-Jn0047142 | NCP | % | 117 | | | 70-130 | Pass | |
| m&p-Xylenes | S24-Jn0047142 | NCP | % | 112 | | | 70-130 | Pass | |
| o-Xylene | S24-Jn0047142 | NCP | % | 112 | | | 70-130 | Pass | |
| Toluene | S24-Jn0047142 | NCP | % | 107 | | | 70-130 | Pass | |
| Trichloroethene | S24-Jn0047142 | NCP | % | 101 | | | 70-130 | Pass | |
| Xylenes - Total* | S24-Jn0047142 | NCP | % | 112 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | | | | | |
| Arsenic (filtered) | S24-Jn0053970 | NCP | % | 88 | | | 75-125 | Pass | |
| Cadmium (filtered) | S24-Jn0053970 | NCP | % | 84 | | | 75-125 | Pass | |
| Chromium (filtered) | S24-Jn0053970 | NCP | % | 87 | | | 75-125 | Pass | |
| Copper (filtered) | S24-Jn0053970 | NCP | % | 86 | | | 75-125 | Pass | |
| Lead (filtered) | S24-Jn0053970 | NCP | % | 90 | | | 75-125 | Pass | |
| Mercury (filtered) | S24-Jn0053970 | NCP | % | 87 | | | 75-125 | Pass | |
| Nickel (filtered) | S24-Jn0053970 | NCP | % | 86 | | | 75-125 | Pass | |
| Zinc (filtered) | S24-Jn0053970 | NCP | % | 89 | | | 75-125 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | Result 1 | | | | | |
| Naphthalene | S24-Jn0047142 | NCP | % | 129 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | S24-Jn0045349 | CP | % | 77 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | S24-Jn0045349 | CP | % | 73 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | S24-Jn0045349 | CP | % | 78 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | S24-Jn0045349 | CP | % | 62 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | S24-Jn0045349 | CP | % | 73 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | S24-Jn0045349 | CP | % | 60 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | S24-Jn0045349 | CP | % | 65 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | S24-Jn0045349 | CP | % | 82 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | S24-Jn0045349 | CP | % | 75 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | S24-Jn0045349 | CP | % | 72 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | S24-Jn0045349 | CP | % | 92 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | S24-Jn0045349 | CP | % | 66 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | S24-Jn0045349 | CP | % | 107 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | S24-Jn0045349 | CP | % | 89 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | S24-Jn0045349 | CP | % | 80 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| Perfluorohexanesulfonic acid (PFHxS) | S24-Jn0045349 | CP | % | 54 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | S24-Jn0045349 | CP | % | 133 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | S24-Jn0045349 | CP | % | 133 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | S24-Jn0045349 | CP | % | 85 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | Result 1 | | | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | S24-Jn0045349 | CP | % | 71 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | S24-Jn0045349 | CP | % | 65 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | S24-Jn0045349 | CP | % | 68 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | S24-Jn0045349 | CP | % | 69 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | S24-Jn0045349 | CP | % | 58 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | S24-Jn0045349 | CP | % | 65 | | | 50-150 | Pass | |
| Perfluorooctane sulfonamide (FOSA) | S24-Jn0045349 | CP | % | 65 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | S24-Jn0045349 | CP | % | 117 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | S24-Jn0045349 | CP | % | 77 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | S24-Jn0045349 | CP | % | 74 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | S24-Jn0045349 | CP | % | 68 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Alkali Metals** | | | | Result 1 | | | | | |
| Calcium | S24-Jn0045357 | CP | % | 86 | | | 75-125 | Pass | |
| Potassium | S24-Jn0045357 | CP | % | 83 | | | 75-125 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| | | | | Result 1 | Result 2 | RPD | | | |
| Chloride | S24-Jn0045346 | CP | mg/L | 120 | 120 | <1 | 30% | Pass | |
| Sulphate (as SO4) | S24-Jn0045346 | CP | mg/L | 86 | 88 | 2.0 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Alkalinity (speciated)** | | | | Result 1 | Result 2 | RPD | | | |
| Bicarbonate Alkalinity (as CaCO3) | S24-Jn0045346 | CP | mg/L | 100 | 100 | 1.4 | 30% | Pass | |
| Carbonate Alkalinity (as CaCO3) | S24-Jn0045346 | CP | mg/L | < 20 | < 20 | <1 | 30% | Pass | |
| Hydroxide Alkalinity (as CaCO3) | S24-Jn0045346 | CP | mg/L | < 20 | < 20 | <1 | 30% | Pass | |
| Total Alkalinity (as CaCO3) | S24-Jn0045346 | CP | mg/L | 100 | 100 | 1.4 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Alkali Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Calcium | S24-Jn0045346 | CP | mg/L | 45 | 44 | 1.3 | 30% | Pass | |
| Magnesium | S24-Jn0045346 | CP | mg/L | 14 | 14 | <1 | 30% | Pass | |
| Potassium | S24-Jn0045346 | CP | mg/L | 4.2 | 4.1 | 1.2 | 30% | Pass | |
| Sodium | S24-Jn0045346 | CP | mg/L | 91 | 90 | 1.1 | 30% | Pass | |

| Duplicate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Volatile Organics** | | | | Result 1 | Result 2 | RPD | | | |
| 1.1-Dichloroethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.1-Dichloroethene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.1.1-Trichloroethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.1.1.2-Tetrachloroethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.1.2-Trichloroethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.1.2.2-Tetrachloroethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.2-Dibromoethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.2-Dichlorobenzene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.2-Dichloroethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.2-Dichloropropane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.2.3-Trichloropropane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.2.4-Trimethylbenzene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.3-Dichlorobenzene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.3-Dichloropropane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.3.5-Trimethylbenzene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 1.4-Dichlorobenzene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 2-Butanone (MEK) | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| 2-Propanone (Acetone) | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| 4-Chlorotoluene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| 4-Methyl-2-pentanone (MIBK) | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| Allyl chloride | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Bromobenzene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Bromochloromethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Bromodichloromethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Bromoform | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Bromomethane | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| Carbon disulfide | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Carbon Tetrachloride | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Chlorobenzene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Chloroethane | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| Chloroform | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| Chloromethane | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| cis-1.2-Dichloroethene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| cis-1.3-Dichloropropene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Dibromochloromethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Dibromomethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Dichlorodifluoromethane | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| Iodomethane | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Isopropyl benzene (Cumene) | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Methylene Chloride | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| Styrene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Tetrachloroethene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| trans-1.2-Dichloroethene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| trans-1.3-Dichloropropene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Trichloroethene | S24-Jn0047141 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Trichlorofluoromethane | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| Vinyl chloride | S24-Jn0047141 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Lead (filtered) | N24-Jn0040640 | NCP | mg/L | 0.001 | 0.001 | 3.2 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctane sulfonamide (FOSA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | S24-Jn0045349 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| | | | | Result 1 | Result 2 | RPD | | | |
| Conductivity (at 25 °C) | S24-Jn0045352 | CP | uS/cm | 24000 | 23000 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| TRH C10-C14 | S24-Jn0045354 | CP | mg/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| TRH C15-C28 | S24-Jn0045354 | CP | mg/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| TRH C29-C36 | S24-Jn0045354 | CP | mg/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| TRH >C10-C16 | S24-Jn0045354 | CP | mg/L | < 0.05 | 0.06 | 110 | 30% | Fail | Q15 |
| TRH >C16-C34 | S24-Jn0045354 | CP | mg/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| TRH >C34-C40 | S24-Jn0045354 | CP | mg/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| | | | | Result 1 | Result 2 | RPD | | | |
| Total Dissolved Solids Dried at 180 °C ± 2 °C | S24-Jn0045355 | CP | mg/L | 14000 | 14000 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Alkali Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Calcium | S24-Jn0045355 | CP | mg/L | 230 | 240 | 1.5 | 30% | Pass | |
| Magnesium | S24-Jn0045355 | CP | mg/L | 510 | 540 | 5.3 | 30% | Pass | |
| Potassium | S24-Jn0045355 | CP | mg/L | 17 | 18 | 4.7 | 30% | Pass | |
| Sodium | S24-Jn0045355 | CP | mg/L | 3500 | 3700 | 4.7 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Alkalinity (speciated)** | | | | Result 1 | Result 2 | RPD | | | |
| Bicarbonate Alkalinity (as CaCO3) | S24-Jn0045356 | CP | mg/L | 300 | 300 | 2.6 | 30% | Pass | |
| Carbonate Alkalinity (as CaCO3) | S24-Jn0045356 | CP | mg/L | < 20 | < 20 | <1 | 30% | Pass | |
| Hydroxide Alkalinity (as CaCO3) | S24-Jn0045356 | CP | mg/L | < 20 | < 20 | <1 | 30% | Pass | |
| Total Alkalinity (as CaCO3) | S24-Jn0045356 | CP | mg/L | 300 | 300 | 2.6 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs) - Ultra Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)- Ultra Trace** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances- Ultra Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Perfluorooctane sulfonamide (FOSA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)- Ultra Trace** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | S24-Jn0045356 | CP | ug/L | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Alkalinity (speciated)** | | | | Result 1 | Result 2 | RPD | | | |
| Bicarbonate Alkalinity (as CaCO3) | S24-Jn0045357 | CP | mg/L | 990 | 990 | <1 | 30% | Pass | |
| Carbonate Alkalinity (as CaCO3) | S24-Jn0045357 | CP | mg/L | < 20 | < 20 | <1 | 30% | Pass | |
| Hydroxide Alkalinity (as CaCO3) | S24-Jn0045357 | CP | mg/L | < 20 | < 20 | <1 | 30% | Pass | |
| Total Alkalinity (as CaCO3) | S24-Jn0045357 | CP | mg/L | 990 | 990 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Arsenic (filtered) | S24-Jn0045357 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Chromium (filtered) | S24-Jn0045357 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Copper (filtered) | S24-Jn0045357 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Mercury (filtered) | S24-Jn0045357 | CP | mg/L | < 0.0001 | < 0.0001 | <1 | 30% | Pass | |
| Nickel (filtered) | S24-Jn0045357 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Zinc (filtered) | S24-Jn0045357 | CP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| TRH C6-C9 | S24-Jn0045359 | CP | mg/L | < 0.02 | < 0.02 | <1 | 30% | Pass | |
| TRH C6-C10 | S24-Jn0045359 | CP | mg/L | < 0.02 | < 0.02 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | Result 1 | Result 2 | RPD | | | |
| Naphthalene | S24-Jn0045359 | CP | mg/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Volatile Organics** | | | | Result 1 | Result 2 | RPD | | | |
| Benzene | S24-Jn0045359 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Ethylbenzene | S24-Jn0045359 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| m&p-Xylenes | S24-Jn0045359 | CP | mg/L | < 0.002 | < 0.002 | <1 | 30% | Pass | |
| o-Xylene | S24-Jn0045359 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Toluene | S24-Jn0045359 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Xylenes - Total* | S24-Jn0045359 | CP | mg/L | < 0.003 | < 0.003 | <1 | 30% | Pass | |

| Duplicate | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Heavy Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Arsenic (filtered) | S24-Jn0045360 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Cadmium (filtered) | S24-Jn0045360 | CP | mg/L | < 0.0002 | < 0.0002 | <1 | 30% | Pass | |
| Chromium (filtered) | S24-Jn0045360 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Copper (filtered) | S24-Jn0045360 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Mercury (filtered) | S24-Jn0045360 | CP | mg/L | < 0.0001 | < 0.0001 | <1 | 30% | Pass | |
| Nickel (filtered) | S24-Jn0045360 | CP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Zinc (filtered) | S24-Jn0045360 | CP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |

## Comments

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| G01 | The LORs have been raised due to matrix interference |
| N01 | F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis). |
| N02 | Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid. |
| N04 | F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes. |
| N09 | Quantification of linear and branched isomers has been conducted as a single total response using the relative response factor for the corresponding linear/branched standard. |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |
| Q15 | The RPD reported passes Eurofins Environment Testing's QC - Acceptance Criteria as defined in the Internal Quality Control Review and Glossary page of this report. |

## Authorised by:

| | |
|---|---|
| Nileshni Goundar | Analytical Services Manager |
| Fang Yee Tan | Senior Analyst-Metal |
| Jonathon Angell | Senior Analyst-PFAS |
| Mickael Ros | Senior Analyst-Metal |
| Roopesh Rangarajan | Senior Analyst-Organic |
| Roopesh Rangarajan | Senior Analyst-Volatile |
| Ryan Phillips | Senior Analyst-Inorganic |

**Glenn Jackson**
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

# Chain of Custody

JBS&G

| | |
|---|---|
| PROJECT NO.: 67299 | LABORATORY BATCH NO.: 1090735 |
| PROJECT NAME: Huntingwood | SAMPLERS: Alison Reynolds |
| DATE NEEDED BY: ~~ASAP~~ ~~Std.~~ Std. | QC LEVEL: NEPM (2013) |

PHONE: Sydney 02 8245 0300 | Perth 08 9488 0100 | Brisbane 07 3112 2688 | Melbourne 03 9642 0599 | Adelaide 08 8431 7113

SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) .....@jbsg.com.au; (3) .....@jbsg.com.au

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | TRH/BTEX | PFAS | eH | CEC | Trax | EC | % Clay | PAHs | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BMW01_0.0-0.1 | So.1 | | | B+J + ice | | | X | X | X | X | X | X | X | | | |
| 0.5-0.6 | | | | | | X | X | | | | | | | | | |
| 3.5-3.6 | | | | | | | | | | | | | | | | |
| BMW02_0.4-0.5 | | | | | | | X | | | | | | | | | |
| 0.9-1.0 | | | | | | X | X | | | | | | X | | | |
| 1.4-1.5 | | | | | | | | | | | | | | | | |
| 1.9-2.0 | | | | | | | | | | | | | X | | | |
| 2.1-2.7 | | | | | | | | | | | | | | | | |
| 4.0-4.1 | | | | | | X | | | | | | | | | | |
| BMW03_0.0-0.1 | | | | | | X | X | | | | | | X | | | |
| 0.5-0.6 | | | | | | | | | | | | | | | | |
| 1.0-1.1 | | | | | | | | | | | | | | | | |
| 2.0-3.1 | | | | | | | | | | | | | | | | |
| 3.1-3.2 | | | | | | X | | | | | | | | | | |
| 4.2-4.3 | | | | | | X | | | | | | | | | | |
| BMW04_0.0-0.1 | | | | | | | X | | | | | | | | | |
| 0.5-0.6 | | | | | | | | | | | | | | | | |
| 1.0-1.1 | | | | | | | | | | | | | | | | |
| OBMW03_0.0-0.1 | | | | | | | | | | | | | | | | |

| RELINQUISHED BY: | METHOD OF SHIPMENT: | RECEIVED BY: | FOR RECEIVING LAB USE ONLY: |
|---|---|---|---|
| NAME: Jemalgreed DATE: 17.06.2024. | CONSIGNMENT NOTE NO. | NAME: Elizabeth Brotherton | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: JBS&G | TRANSPORT CO. | DATE: 17/6 OF: 12:01PM | COOLER TEMP 16.6 °C deg C |
| NAME: DATE: | CONSIGNMENT NOTE NO. | NAME: DATE: | COOLER SEAL – Yes..... No ..... Intact ..... Broken ..... |
| OF: | TRANSPORT CO | OF: | COOLER TEMP..... deg C |

Container & Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other


© 2011-2019 JBS&G Australia Pty Ltd

# Chain of Custody

JBS&G

PROJECT NO.: 67299
PROJECT NAME: Hunting wood
DATE NEEDED BY: STD

LABORATORY BATCH NO.:
SAMPLERS: AH / EA / DS
QC LEVEL: NEPM (2013)

PHONE: Sydney 02 8245 0300 | Perth 08 9488 0100 | Brisbane 07 3112 2688 | Melbourne 03 9642 0599 | Adelaide 08 8431 7113

SEND REPORT & INVOICE TO: (1) adminnsw@jbsg.com.au; (2) [redacted]@jbsg.com.au; (3) .....@jbsg.com.au

COMMENTS / SPECIAL HANDLING / STORAGE OR DISPOSAL:

| SAMPLE ID | MATRIX | DATE | TIME | TYPE & PRESERVATIVE | pH | Heavy Metals | TRH | BTEX | PAHs | OCP | PCBs | PFAS | Asbestos | TYPE OF ASBESTOS ANALYSIS: IDENTIFICATION | TYPE OF ASBESTOS ANALYSIS: NEPM/WA | NOTES: |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QA01 | Soil | | | B+J+T+ice | | X | X | X | X | | | X | | | | |
| QA2024 0613_01 | ↓ | | | J+T+ice | | X | | | X | | | X | | | | |
| ↓ 02 | | | | ↓ | | | | | | | | | | | | |
| QAAQ2024 0613 01 | | | | Bag | | X | X | X | | X | X | | | | | |
| ↓ 02 | | | | ↓ | | | | | | | | | X | | X | |
| ↓ 03 | | | | | | | | | | | | | X | | X | |
| QA2024 0613_03 | | | | J+T+ice | | | | | | | | | X | | X | |
| QA02 | | | | B+J+ice | | | | | X | X | X | | | | | |

RELINQUISHED BY:
NAME: [redacted] DATE: 7-06-2024
OF: JBS&G
NAME: DATE:

METHOD OF SHIPMENT:
CONSIGNMENT NOTE NO.
TRANSPORT CO.
CONSIGNMENT NOTE NO.
TRANSPORT CO

RECEIVED BY:
NAME:
DATE:
OF:
NAME: DATE:
OF:

FOR RECEIVING LAB USE ONLY:
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C
COOLER SEAL – Yes..... No ..... Intact ..... Broken .....
COOLER TEMP ..... deg C

Preservative Codes: P = Plastic; J = Soil Jar; B = Glass Bottle; N = Nitric Acid Prsvd.; C = Sodium Hydroxide Prsvd; VC = Hydrochloric Acid Prsvd Vial; VS = Sulfuric Acid Prsvd Vial; S = Sulfuric Acid Prsvd; Z = Zinc Prsvd; E = EDTA Prsvd; ST = Sterile Bottle; O = Other

eurofins | Environment Testing

www.eurofins.com.au EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**

ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**

ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**

ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**

NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

# Sample Receipt Advice

**Company name:** JBS & G Australia (NSW) P/L
**Contact name:** Daniel Saeed
**Project name:** HUNTINGWOOD
**Project ID:** 67299
**Turnaround time:** 5 Day
**Date/Time received** Jun 17, 2024 12:01 PM
**Eurofins reference** 1109075

## Sample Information

| | |
|---|---|
| ✓ | A detailed list of analytes logged into our LIMS, is included in the attached summary table. |
| ✓ | Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt : 16.6 degrees Celsius. |
| ✓ | All samples have been received as described on the above COC. |
| ✓ | COC has been completed correctly. |
| ✓ | Attempt to chill was evident. |
| ✓ | Appropriately preserved sample containers have been used. |
| ✓ | All samples were received in good condition. |
| ✗ | Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times. |
| ✓ | Appropriate sample containers have been used. |
| ✓ | Sample containers for volatile analysis received with zero headspace. |
| ✗ | Split sample sent to requested external lab. |
| ✗ | Some samples have been subcontracted. |
| N/A | Custody Seals intact (if used). |

## Notes

Samples beginning with QA not received (page 2). Extra samples logged on hold (see summary for details).

## Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

**Andrew Black on phone : (+61) 2 9900 8490 or by email: AndrewBlack@eurofins.com**

Results will be delivered electronically via email to Daniel Saeed - dsaeed@jbsg.com.au.

Global Leader - Results you can trust

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109075
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | % Clay | CANCELLED | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Moisture Set | Cation Exchange Capacity | Eurofins Suite B1 | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | X | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | X | X | X | | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | X | | | | | | | | | |
| **External Laboratory** | | | | | | | | | | |

| No | Sample ID | Sample Date | Sampling Time | Matrix | LAB ID | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JBMW01_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0045481 | X | | | X | X | X | X | X | X |
| 2 | JBMW01_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0045482 | | | | | | | X | | X | X |
| 3 | JBMW02_0.4-0.5 | Jun 12, 2024 | | Soil | S24-Jn0045483 | | | | | | | X | | | X |
| 4 | JBMW02_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0045484 | | | | | | X | X | | X | X |
| 5 | JBMW02_1.9-2.0 | Jun 12, 2024 | | Soil | S24-Jn0045485 | | | | | | X | X | | | |
| 6 | JBMW02_4.0-4.1 | Jun 12, 2024 | | Soil | S24-Jn0045486 | | | | | | | X | | X | |
| 7 | JBMW03_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0045487 | | | | | | X | X | | X | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109075
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | CANCELLED | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Moisture Set | Cation Exchange Capacity | Eurofins Suite B1 | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | |
| 8 | JBMW03_3.1-3.2 | Jun 12, 2024 | | Soil | S24-Jn0045488 | | | | | | | X | | X | |
| 9 | JBMW03_4.2-4.3 | Jun 12, 2024 | | Soil | S24-Jn0045489 | | | | | | | X | | X | |
| 10 | JBMW04_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0045490 | | | | | | | X | | | X |
| 11 | JBMW01_3.5-3.6 | Jun 12, 2024 | | Soil | S24-Jn0045491 | | | X | | | | | | | |
| 12 | JBMW02_1.4-1.5 | Jun 12, 2024 | | Soil | S24-Jn0045492 | | | X | | | | | | | |
| 13 | JBMW02_2.1-2.2 | Jun 12, 2024 | | Soil | S24-Jn0045493 | | | X | | | | | | | |
| 14 | JBMW03_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0045494 | | | X | | | | | | | |
| 15 | JBMW03_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0045495 | | | X | | | | | | | |
| 16 | JBMW03_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0045496 | | | X | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109075
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | CANCELLED | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Moisture Set | Cation Exchange Capacity | Eurofins Suite B1 | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | |
| 17 | JBMW04_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0045497 | | | X | | | | | | | |
| 18 | JBMW04_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0045498 | | | X | | | | | | | |
| 19 | JBMW05_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0045499 | | | X | | | | | | | |
| 20 | QA01 | Not Provided | | Soil | S24-Jn0045500 | | X | | | | | | | | |
| 21 | QA20240613_01 | Not Provided | | Soil | S24-Jn0045501 | | X | | | | | | | | |
| 22 | QA20240613_02 | Not Provided | | Soil | S24-Jn0045502 | | X | | | | | | | | |
| 23 | QAAQ20240613_01 | Not Provided | | Soil | S24-Jn0045503 | | X | | | | | | | | |
| 24 | QAAQ20240613_02 | Not Provided | | Soil | S24-Jn0045504 | | X | | | | | | | | |
| 25 | QA20240613_03 | Not Provided | | Soil | S24-Jn0045505 | | X | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109075
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | CANCELLED | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Moisture Set | Cation Exchange Capacity | Eurofins Suite B1 | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | |
| 26 | QA20240613_03 | Not Provided | | Soil | S24-Jn0045506 | | X | | | | | | | | |
| 27 | QA02 | Not Provided | | Soil | S24-Jn0045507 | | X | | | | | | | | |
| 28 | JBMW01_1.5-2.5 | Jun 12, 2024 | | Soil | S24-Jn0045508 | | | X | | | | | | | |
| 29 | JBMW01_2.5-3.5 | Jun 12, 2024 | | Soil | S24-Jn0045509 | | | X | | | | | | | |
| 30 | JBMW02_3.5-4 | Jun 12, 2024 | | Soil | S24-Jn0045510 | | | X | | | | | | | |
| 31 | JBMW04_1.5-2.5 | Jun 12, 2024 | | Soil | S24-Jn0045511 | | | X | | | | | | | |
| 32 | JBMW05_1-2 | Jun 12, 2024 | | Soil | S24-Jn0045512 | | | X | | | | | | | |
| 33 | JBMW05_2-3 | Jun 12, 2024 | | Soil | S24-Jn0045513 | | | X | | | | | | | |
| 34 | JBMW05_3.0-3.5 | Jun 12, 2024 | | Soil | S24-Jn0045514 | | | X | | | | | | | |
| **Test Counts** | | | | | | 1 | 8 | 16 | 1 | 1 | 4 | 10 | 1 | 6 | 6 |

**JBS & G Australia (NSW) P/L**
**Level 1, 50 Margaret St**
**Sydney**
**NSW 2000**

**NATA Accredited**
**Accreditation Number 1261**
**Site Number 18217**

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** **Daniel Saeed**

**Report** **1109075-S**
Project name HUNTINGWOOD
Project ID 67299
Received Date Jun 17, 2024

| **Client Sample ID** | | | **JBMW01_0.0-0.1** | **JBMW01_0.5-0.6** | **JBMW02_0.4-0.5** | **JBMW02_0.9-1.0** |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0045481** | **S24-Jn0045482** | **S24-Jn0045483** | **S24-Jn0045484** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | - | - | 0.6 |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | - | - | 1.2 |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Anthracene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Chrysene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Fluorene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Naphthalene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Pyrene | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| Total PAH* | 0.5 | mg/kg | < 0.5 | - | - | < 0.5 |
| 2-Fluorobiphenyl (surr.) | 1 | % | 76 | - | - | 52 |
| p-Terphenyl-d14 (surr.) | 1 | % | 77 | - | - | 59 |
| | | | | | | |
| % Clay | 2.5 | % | 24 | - | - | - |
| Conductivity (1:5 aqueous extract at 25 °C as rec.) | 10 | uS/cm | 180 | - | - | - |
| pH (1:5 Aqueous extract at 25 °C as rec.) | 0.1 | pH Units | 6.7 | - | - | - |
| Total Organic Carbon | 0.1 | % | 1.4 | - | - | - |
| **Cation Exchange Capacity** | | | | | | |
| Cation Exchange Capacity | 0.5 | meq/100g | 21 | - | - | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 23 | 18 | 17 | 16 |

| Client Sample ID | | | JBMW01_0.0-0.1 | JBMW01_0.5-0.6 | JBMW02_0.4-0.5 | JBMW02_0.9-1.0 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0045481 | S24-Jn0045482 | S24-Jn0045483 | S24-Jn0045484 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 13C4-PFBA (surr.) | 1 | % | 100 | 95 | 89 | 92 |
| 13C5-PFPeA (surr.) | 1 | % | 108 | 119 | 110 | 113 |
| 13C5-PFHxA (surr.) | 1 | % | 103 | 100 | 88 | 99 |
| 13C4-PFHpA (surr.) | 1 | % | 94 | 109 | 108 | 114 |
| 13C8-PFOA (surr.) | 1 | % | 107 | 87 | 85 | 85 |
| 13C5-PFNA (surr.) | 1 | % | 113 | 104 | 95 | 100 |
| 13C6-PFDA (surr.) | 1 | % | 119 | 89 | 84 | 91 |
| 13C2-PFUnDA (surr.) | 1 | % | 112 | 96 | 101 | 108 |
| 13C2-PFDoDA (surr.) | 1 | % | 121 | 114 | 112 | 111 |
| 13C2-PFTeDA (surr.) | 1 | % | 112 | 92 | 80 | 91 |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 | < 10 | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | < 10 | < 10 | < 10 | < 10 |
| 13C8-FOSA (surr.) | 1 | % | 101 | 95 | 95 | 92 |
| D3-N-MeFOSA (surr.) | 1 | % | 136 | 69 | 67 | 75 |
| D5-N-EtFOSA (surr.) | 1 | % | 124 | 92 | 84 | 86 |
| D7-N-MeFOSE (surr.) | 1 | % | 122 | 94 | 81 | 87 |
| D9-N-EtFOSE (surr.) | 1 | % | 108 | 87 | 80 | 86 |
| D5-N-EtFOSAA (surr.) | 1 | % | 98 | 83 | 96 | 96 |
| D3-N-MeFOSAA (surr.) | 1 | % | 121 | 99 | 111 | 105 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |

| Client Sample ID | | | JBMW01_0.0-0.1 | JBMW01_0.5-0.6 | JBMW02_0.4-0.5 | JBMW02_0.9-1.0 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0045481 | S24-Jn0045482 | S24-Jn0045483 | S24-Jn0045484 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| 13C3-PFBS (surr.) | 1 | % | 117 | 108 | 109 | 113 |
| 18O2-PFHxS (surr.) | 1 | % | 134 | 98 | 111 | 106 |
| 13C8-PFOS (surr.) | 1 | % | 121 | 100 | 96 | 103 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | < 10 | < 10 | < 10 | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | 115 | 100 | 103 | 97 |
| 13C2-6:2 FTSA (surr.) | 1 | % | 93 | 75 | 108 | 100 |
| 13C2-8:2 FTSA (surr.) | 1 | % | 129 | 75 | 79 | 74 |
| 13C2-10:2 FTSA (surr.) | 1 | % | 163 | 138 | 122 | 136 |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | < 5 | < 5 | < 5 | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | < 10 | < 10 | < 10 | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | < 50 | < 50 | < 50 | < 50 |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C15-C28 | 50 | mg/kg | - | 700 | - | < 50 |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | - | 72 |
| TRH C10-C36 (Total) | 50 | mg/kg | - | 700 | - | 72 |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | - | < 20 |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | - | < 50 |
| TRH >C16-C34 | 100 | mg/kg | - | 700 | - | < 100 |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | - | 140 |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | 700 | - | 140 |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Toluene | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Ethylbenzene | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| m&p-Xylenes | 0.2 | mg/kg | - | < 0.2 | - | < 0.2 |
| o-Xylene | 0.1 | mg/kg | - | < 0.1 | - | < 0.1 |
| Xylenes - Total* | 0.3 | mg/kg | - | < 0.3 | - | < 0.3 |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | 74 | - | 87 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | - | < 0.5 |

| Client Sample ID | | | JBMW02_1.9-2.0 | JBMW02_4.0-4.1 | JBMW03_0.0-0.1 | JBMW03_3.1-3.2 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0045485 | S24-Jn0045486 | S24-Jn0045487 | S24-Jn0045488 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | |
| Benzo(a)pyrene TEQ (lower bound) * | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Benzo(a)pyrene TEQ (medium bound) * | 0.5 | mg/kg | 0.6 | - | 0.6 | - |
| Benzo(a)pyrene TEQ (upper bound) * | 0.5 | mg/kg | 1.2 | - | 1.2 | - |
| Acenaphthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Acenaphthylene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Benz(a)anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Benzo(a)pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Benzo(b&j)fluoranthene[N07] | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Benzo(g.h.i)perylene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Benzo(k)fluoranthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Chrysene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Dibenz(a.h)anthracene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Fluoranthene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Fluorene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Indeno(1.2.3-cd)pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Naphthalene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Phenanthrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Pyrene | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| Total PAH* | 0.5 | mg/kg | < 0.5 | - | < 0.5 | - |
| 2-Fluorobiphenyl (surr.) | 1 | % | 69 | - | 91 | - |
| p-Terphenyl-d14 (surr.) | 1 | % | 60 | - | 97 | - |
| **Sample Properties** | | | | | | |
| % Moisture | 1 | % | 18 | 25 | 20 | 12 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 13C4-PFBA (surr.) | 1 | % | - | - | 93 | - |
| 13C5-PFPeA (surr.) | 1 | % | - | - | 126 | - |
| 13C5-PFHxA (surr.) | 1 | % | - | - | 95 | - |
| 13C4-PFHpA (surr.) | 1 | % | - | - | 104 | - |
| 13C8-PFOA (surr.) | 1 | % | - | - | 76 | - |
| 13C5-PFNA (surr.) | 1 | % | - | - | 101 | - |
| 13C6-PFDA (surr.) | 1 | % | - | - | 97 | - |
| 13C2-PFUnDA (surr.) | 1 | % | - | - | 111 | - |
| 13C2-PFDoDA (surr.) | 1 | % | - | - | 108 | - |
| 13C2-PFTeDA (surr.) | 1 | % | - | - | 116 | - |

| Client Sample ID | | | JBMW02_1.9-2.0 | JBMW02_4.0-4.1 | JBMW03_0.0-0.1 | JBMW03_3.1-3.2 |
|---|---|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0045485 | S24-Jn0045486 | S24-Jn0045487 | S24-Jn0045488 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | - | - | < 5 | - |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| 13C8-FOSA (surr.) | 1 | % | - | - | 94 | - |
| D3-N-MeFOSA (surr.) | 1 | % | - | - | 79 | - |
| D5-N-EtFOSA (surr.) | 1 | % | - | - | 90 | - |
| D7-N-MeFOSE (surr.) | 1 | % | - | - | 95 | - |
| D9-N-EtFOSE (surr.) | 1 | % | - | - | 91 | - |
| D5-N-EtFOSAA (surr.) | 1 | % | - | - | 99 | - |
| D3-N-MeFOSAA (surr.) | 1 | % | - | - | 101 | - |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | - | - | < 5 | - |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | - | - | < 5 | - |
| 13C3-PFBS (surr.) | 1 | % | - | - | 109 | - |
| 18O2-PFHxS (surr.) | 1 | % | - | - | 114 | - |
| 13C8-PFOS (surr.) | 1 | % | - | - | 98 | - |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | - | - | < 10 | - |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | - | - | < 5 | - |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | - | 81 | - |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | - | 88 | - |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | - | 69 | - |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | - | 139 | - |
| **PFASs Summations** | | | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | - | - | < 5 | - |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | - | - | < 10 | - |
| Sum of PFASs (n=30)* | 50 | ug/kg | - | - | < 50 | - |

| Client Sample ID | | | JBMW02_1.9-2.0 | JBMW02_4.0-4.1 | JBMW03_0.0-0.1 | JBMW03_3.1-3.2 |
|---|---|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0045485** | **S24-Jn0045486** | **S24-Jn0045487** | **S24-Jn0045488** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | |
| TRH C6-C9 | 20 | mg/kg | - | < 20 | < 20 | < 20 |
| TRH C10-C14 | 20 | mg/kg | - | < 20 | < 20 | < 20 |
| TRH C15-C28 | 50 | mg/kg | - | < 50 | < 50 | < 50 |
| TRH C29-C36 | 50 | mg/kg | - | < 50 | < 50 | < 50 |
| TRH C10-C36 (Total) | 50 | mg/kg | - | < 50 | < 50 | < 50 |
| TRH C6-C10 | 20 | mg/kg | - | < 20 | < 20 | < 20 |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | - | < 20 | < 20 | < 20 |
| TRH >C10-C16 | 50 | mg/kg | - | < 50 | < 50 | < 50 |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | - | < 50 | < 50 | < 50 |
| TRH >C16-C34 | 100 | mg/kg | - | < 100 | < 100 | < 100 |
| TRH >C34-C40 | 100 | mg/kg | - | < 100 | < 100 | < 100 |
| TRH >C10-C40 (total)* | 100 | mg/kg | - | < 100 | < 100 | < 100 |
| **BTEX** | | | | | | |
| Benzene | 0.1 | mg/kg | - | < 0.1 | < 0.1 | < 0.1 |
| Toluene | 0.1 | mg/kg | - | < 0.1 | < 0.1 | < 0.1 |
| Ethylbenzene | 0.1 | mg/kg | - | < 0.1 | < 0.1 | < 0.1 |
| m&p-Xylenes | 0.2 | mg/kg | - | < 0.2 | < 0.2 | < 0.2 |
| o-Xylene | 0.1 | mg/kg | - | < 0.1 | < 0.1 | < 0.1 |
| Xylenes - Total* | 0.3 | mg/kg | - | < 0.3 | < 0.3 | < 0.3 |
| 4-Bromofluorobenzene (surr.) | 1 | % | - | 72 | 78 | 103 |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | - | < 0.5 | < 0.5 | < 0.5 |

| Client Sample ID | | | JBMW03_4.2-4.3 | JBMW04_0.0-0.1 |
|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0045489** | **S24-Jn0045490** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | |
| **Sample Properties** | | | | |
| % Moisture | 1 | % | 5.4 | 18 |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| Perfluorobutanoic acid (PFBA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluoropentanoic acid (PFPeA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluorohexanoic acid (PFHxA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluoroheptanoic acid (PFHpA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluorooctanoic acid (PFOA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluorononanoic acid (PFNA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluorodecanoic acid (PFDA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluoroundecanoic acid (PFUnDA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluorododecanoic acid (PFDoDA)[N11] | 5 | ug/kg | - | < 5 |
| Perfluorotridecanoic acid (PFTrDA)[N15] | 5 | ug/kg | - | < 5 |
| Perfluorotetradecanoic acid (PFTeDA)[N11] | 5 | ug/kg | - | < 5 |
| 13C4-PFBA (surr.) | 1 | % | - | 91 |
| 13C5-PFPeA (surr.) | 1 | % | - | 118 |
| 13C5-PFHxA (surr.) | 1 | % | - | 95 |
| 13C4-PFHpA (surr.) | 1 | % | - | 117 |
| 13C8-PFOA (surr.) | 1 | % | - | 75 |

| Client Sample ID | | | JBMW03_4.2-4.3 | JBMW04_0.0-0.1 |
|---|---|---|---|---|
| Sample Matrix | | | Soil | Soil |
| Eurofins Sample No. | | | S24-Jn0045489 | S24-Jn0045490 |
| Date Sampled | | | Jun 12, 2024 | Jun 12, 2024 |
| Test/Reference | LOR | Unit | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | |
| 13C5-PFNA (surr.) | 1 | % | - | 99 |
| 13C6-PFDA (surr.) | 1 | % | - | 86 |
| 13C2-PFUnDA (surr.) | 1 | % | - | 89 |
| 13C2-PFDoDA (surr.) | 1 | % | - | 102 |
| 13C2-PFTeDA (surr.) | 1 | % | - | 85 |
| **Perfluoroalkyl sulfonamido substances** | | | | |
| Perfluorooctane sulfonamide (FOSA)[N11] | 5 | ug/kg | - | < 5 |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA)[N11] | 5 | ug/kg | - | < 5 |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA)[N11] | 5 | ug/kg | - | < 5 |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE)[N11] | 5 | ug/kg | - | < 5 |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE)[N11] | 5 | ug/kg | - | < 5 |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA)[N11] | 10 | ug/kg | - | < 10 |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA)[N11] | 10 | ug/kg | - | < 10 |
| 13C8-FOSA (surr.) | 1 | % | - | 88 |
| D3-N-MeFOSA (surr.) | 1 | % | - | 77 |
| D5-N-EtFOSA (surr.) | 1 | % | - | 81 |
| D7-N-MeFOSE (surr.) | 1 | % | - | 89 |
| D9-N-EtFOSE (surr.) | 1 | % | - | 92 |
| D5-N-EtFOSAA (surr.) | 1 | % | - | 82 |
| D3-N-MeFOSAA (surr.) | 1 | % | - | 107 |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | |
| Perfluorobutanesulfonic acid (PFBS)[N11] | 5 | ug/kg | - | < 5 |
| Perfluorononanesulfonic acid (PFNS)[N15] | 5 | ug/kg | - | < 5 |
| Perfluoropropanesulfonic acid (PFPrS)[N15] | 5 | ug/kg | - | < 5 |
| Perfluoropentanesulfonic acid (PFPeS)[N15] | 5 | ug/kg | - | < 5 |
| Perfluorohexanesulfonic acid (PFHxS)[N11] | 5 | ug/kg | - | < 5 |
| Perfluoroheptanesulfonic acid (PFHpS)[N15] | 5 | ug/kg | - | < 5 |
| Perfluorooctanesulfonic acid (PFOS)[N11] | 5 | ug/kg | - | < 5 |
| Perfluorodecanesulfonic acid (PFDS)[N15] | 5 | ug/kg | - | < 5 |
| 13C3-PFBS (surr.) | 1 | % | - | 111 |
| 18O2-PFHxS (surr.) | 1 | % | - | 107 |
| 13C8-PFOS (surr.) | 1 | % | - | 105 |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)[N11] | 5 | ug/kg | - | < 5 |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA)[N11] | 10 | ug/kg | - | < 10 |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)[N11] | 5 | ug/kg | - | < 5 |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)[N11] | 5 | ug/kg | - | < 5 |
| 13C2-4:2 FTSA (surr.) | 1 | % | - | 107 |
| 13C2-6:2 FTSA (surr.) | 1 | % | - | 68 |
| 13C2-8:2 FTSA (surr.) | 1 | % | - | 87 |
| 13C2-10:2 FTSA (surr.) | 1 | % | - | 147 |

| Client Sample ID | | | JBMW03_4.2-4.3 | JBMW04_0.0-0.1 |
|---|---|---|---|---|
| **Sample Matrix** | | | **Soil** | **Soil** |
| **Eurofins Sample No.** | | | **S24-Jn0045489** | **S24-Jn0045490** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | |
| **PFASs Summations** | | | | |
| Sum (PFHxS + PFOS)* | 5 | ug/kg | - | < 5 |
| Sum of US EPA PFAS (PFOS + PFOA)* | 5 | ug/kg | - | < 5 |
| Sum of enHealth PFAS (PFHxS + PFOS + PFOA)* | 5 | ug/kg | - | < 5 |
| Sum of WA DWER PFAS (n=10)* | 10 | ug/kg | - | < 10 |
| Sum of PFASs (n=30)* | 50 | ug/kg | - | < 50 |
| **Total Recoverable Hydrocarbons** | | | | |
| TRH C6-C9 | 20 | mg/kg | < 20 | - |
| TRH C10-C14 | 20 | mg/kg | < 20 | - |
| TRH C15-C28 | 50 | mg/kg | < 50 | - |
| TRH C29-C36 | 50 | mg/kg | < 50 | - |
| TRH C10-C36 (Total) | 50 | mg/kg | < 50 | - |
| TRH C6-C10 | 20 | mg/kg | < 20 | - |
| TRH C6-C10 less BTEX (F1)[N04] | 20 | mg/kg | < 20 | - |
| TRH >C10-C16 | 50 | mg/kg | < 50 | - |
| TRH >C10-C16 less Naphthalene (F2)[N01] | 50 | mg/kg | < 50 | - |
| TRH >C16-C34 | 100 | mg/kg | < 100 | - |
| TRH >C34-C40 | 100 | mg/kg | < 100 | - |
| TRH >C10-C40 (total)* | 100 | mg/kg | < 100 | - |
| **BTEX** | | | | |
| Benzene | 0.1 | mg/kg | < 0.1 | - |
| Toluene | 0.1 | mg/kg | < 0.1 | - |
| Ethylbenzene | 0.1 | mg/kg | < 0.1 | - |
| m&p-Xylenes | 0.2 | mg/kg | < 0.2 | - |
| o-Xylene | 0.1 | mg/kg | < 0.1 | - |
| Xylenes - Total* | 0.3 | mg/kg | < 0.3 | - |
| 4-Bromofluorobenzene (surr.) | 1 | % | 82 | - |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | |
| Naphthalene[N02] | 0.5 | mg/kg | < 0.5 | - |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Polycyclic Aromatic Hydrocarbons | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2130 PAH and Phenols in Soil and Water | | | |
| % Clay | Brisbane | Jun 21, 2024 | 14 Days |
| - Method: LTM-GEN-7040 Percentage clay, silt and sand by Hydrometer | | | |
| pH (1:5 Aqueous extract at 25 °C as rec.) | Sydney | Jun 19, 2024 | 7 Days |
| - Method: LTM-GEN-7090 pH by ISE | | | |
| Total Organic Carbon | Melbourne | Jun 21, 2024 | 28 Days |
| - Method: LTM-INO-4060 Total Organic Carbon in water and soil | | | |
| Conductivity (1:5 aqueous extract at 25 °C as rec.) | Melbourne | Jun 21, 2024 | 7 Days |
| - Method: LTM-INO-4030 Conductivity | | | |
| Cation Exchange Capacity | Melbourne | Jun 24, 2024 | 28 Days |
| - Method: LTM-MET-3060 Cation Exchange Capacity by bases & Exchangeable Sodium Percentage | | | |
| % Moisture | Sydney | Jun 19, 2024 | 14 Days |
| - Method: LTM-GEN-7080 Moisture | | | |
| Per- and Polyfluoroalkyl Substances (PFASs) | | | |
| Perfluoroalkyl carboxylic acids (PFCAs) | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonamido substances | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Perfluoroalkyl sulfonic acids (PFSAs) | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| n:2 Fluorotelomer sulfonic acids (n:2 FTSAs) | Sydney | Jun 21, 2024 | 28 Days |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| PFASs Summations | Sydney | Jun 19, 2024 | |
| - Method: LTM-ORG-2100 Per- and Polyfluoroalkyl Substances (PFAS) | | | |
| Eurofins Suite B1 | | | |
| Total Recoverable Hydrocarbons - 1999 NEPM Fractions | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| Total Recoverable Hydrocarbons - 2013 NEPM Fractions | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| Total Recoverable Hydrocarbons - 2013 NEPM Fractions | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 TRH C6-C40 | | | |
| BTEX | Sydney | Jun 21, 2024 | 14 Days |
| - Method: LTM-ORG-2010 BTEX and Volatile TRH | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109075
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | % Clay | CANCELLED | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Moisture Set | Cation Exchange Capacity | Eurofins Suite B1 | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | X | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | X | X | X | | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | X | | | | | | | | | |
| **External Laboratory** | | | | | | | | | | |

| No | Sample ID | Sample Date | Sampling Time | Matrix | LAB ID | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | JBMW01_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0045481 | X | | | X | X | X | X | X | X |
| 2 | JBMW01_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0045482 | | | | | | | X | | X | X |
| 3 | JBMW02_0.4-0.5 | Jun 12, 2024 | | Soil | S24-Jn0045483 | | | | | | | X | | | X |
| 4 | JBMW02_0.9-1.0 | Jun 12, 2024 | | Soil | S24-Jn0045484 | | | | | | X | X | | X | X |
| 5 | JBMW02_1.9-2.0 | Jun 12, 2024 | | Soil | S24-Jn0045485 | | | | | | X | X | | | |
| 6 | JBMW02_4.0-4.1 | Jun 12, 2024 | | Soil | S24-Jn0045486 | | | | | | | X | | X | |
| 7 | JBMW03_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0045487 | | | | | | X | X | | X | X |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109075
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | CANCELLED | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Moisture Set | Cation Exchange Capacity | Eurofins Suite B1 | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | |
| 8 | JBMW03_3.1-3.2 | Jun 12, 2024 | | Soil | S24-Jn0045488 | | | | | | | X | | X | |
| 9 | JBMW03_4.2-4.3 | Jun 12, 2024 | | Soil | S24-Jn0045489 | | | | | | | X | | X | |
| 10 | JBMW04_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0045490 | | | | | | | X | | | X |
| 11 | JBMW01_3.5-3.6 | Jun 12, 2024 | | Soil | S24-Jn0045491 | | | X | | | | | | | |
| 12 | JBMW02_1.4-1.5 | Jun 12, 2024 | | Soil | S24-Jn0045492 | | | X | | | | | | | |
| 13 | JBMW02_2.1-2.2 | Jun 12, 2024 | | Soil | S24-Jn0045493 | | | X | | | | | | | |
| 14 | JBMW03_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0045494 | | | X | | | | | | | |
| 15 | JBMW03_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0045495 | | | X | | | | | | | |
| 16 | JBMW03_2.0-2.1 | Jun 12, 2024 | | Soil | S24-Jn0045496 | | | X | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109075
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | CANCELLED | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Moisture Set | Cation Exchange Capacity | Eurofins Suite B1 | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | |
| 17 | JBMW04_0.5-0.6 | Jun 12, 2024 | | Soil | S24-Jn0045497 | | | X | | | | | | | |
| 18 | JBMW04_1.0-1.1 | Jun 12, 2024 | | Soil | S24-Jn0045498 | | | X | | | | | | | |
| 19 | JBMW05_0.0-0.1 | Jun 12, 2024 | | Soil | S24-Jn0045499 | | | X | | | | | | | |
| 20 | QA01 | Not Provided | | Soil | S24-Jn0045500 | | X | | | | | | | | |
| 21 | QA20240613_01 | Not Provided | | Soil | S24-Jn0045501 | | X | | | | | | | | |
| 22 | QA20240613_02 | Not Provided | | Soil | S24-Jn0045502 | | X | | | | | | | | |
| 23 | QAAQ20240613_01 | Not Provided | | Soil | S24-Jn0045503 | | X | | | | | | | | |
| 24 | QAAQ20240613_02 | Not Provided | | Soil | S24-Jn0045504 | | X | | | | | | | | |
| 25 | QA20240613_03 | Not Provided | | Soil | S24-Jn0045505 | | X | | | | | | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** HUNTINGWOOD
**Project ID:** 67299

**Order No.:**
**Report #:** 1109075
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 17, 2024 12:01 PM
**Due:** Jun 24, 2024
**Priority:** 5 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | % Clay | CANCELLED | HOLD | pH (1:5 Aqueous extract at 25 °C as rec.) | Total Organic Carbon | Polycyclic Aromatic Hydrocarbons | Moisture Set | Cation Exchange Capacity | Eurofins Suite B1 | Per- and Polyfluoroalkyl Substances (PFASs) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Melbourne Laboratory - NATA # 1261 Site # 1254** | | | | | | | | | | X | | | X | | |
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | | X | X | X | | X | X | | X | X |
| **Brisbane Laboratory - NATA # 1261 Site # 20794 & 2780** | | | | | | X | | | | | | | | | |
| 26 | QA20240613_03 | Not Provided | | Soil | S24-Jn0045506 | | X | | | | | | | | |
| 27 | QA02 | Not Provided | | Soil | S24-Jn0045507 | | X | | | | | | | | |
| 28 | JBMW01_1.5-2.5 | Jun 12, 2024 | | Soil | S24-Jn0045508 | | | X | | | | | | | |
| 29 | JBMW01_2.5-3.5 | Jun 12, 2024 | | Soil | S24-Jn0045509 | | | X | | | | | | | |
| 30 | JBMW02_3.5-4 | Jun 12, 2024 | | Soil | S24-Jn0045510 | | | X | | | | | | | |
| 31 | JBMW04_1.5-2.5 | Jun 12, 2024 | | Soil | S24-Jn0045511 | | | X | | | | | | | |
| 32 | JBMW05_1-2 | Jun 12, 2024 | | Soil | S24-Jn0045512 | | | X | | | | | | | |
| 33 | JBMW05_2-3 | Jun 12, 2024 | | Soil | S24-Jn0045513 | | | X | | | | | | | |
| 34 | JBMW05_3.0-3.5 | Jun 12, 2024 | | Soil | S24-Jn0045514 | | | X | | | | | | | |
| **Test Counts** | | | | | | 1 | 8 | 16 | 1 | 1 | 4 | 10 | 1 | 6 | 6 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Acenaphthylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benz(a)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(a)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(b&j)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(g.h.i)perylene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Benzo(k)fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Chrysene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Dibenz(a.h)anthracene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluoranthene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Fluorene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Indeno(1.2.3-cd)pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Phenanthrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| Pyrene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| Conductivity (1:5 aqueous extract at 25 °C as rec.) | uS/cm | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanoic acid (PFPeA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanoic acid (PFHxA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanoic acid (PFOA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanoic acid (PFNA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorodecanoic acid (PFDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | ug/kg | < 5 | | | 5 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | ug/kg | < 10 | | | 10 | Pass | |
| **Method Blank** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | ug/kg | < 5 | | | 5 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | ug/kg | < 5 | | | 5 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Perfluorodecanesulfonic acid (PFDS) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | ug/kg | < 10 | | | 10 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **PFASs Summations** | | | | | | | |
| Sum of US EPA PFAS (PFOS + PFOA)* | ug/kg | < 5 | | | 5 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | mg/kg | < 20 | | | 20 | Pass | |
| TRH C10-C14 | mg/kg | < 20 | | | 20 | Pass | |
| TRH C15-C28 | mg/kg | < 50 | | | 50 | Pass | |
| TRH C29-C36 | mg/kg | < 50 | | | 50 | Pass | |
| TRH C6-C10 | mg/kg | < 20 | | | 20 | Pass | |
| TRH >C10-C16 | mg/kg | < 50 | | | 50 | Pass | |
| TRH >C16-C34 | mg/kg | < 100 | | | 100 | Pass | |
| TRH >C34-C40 | mg/kg | < 100 | | | 100 | Pass | |
| **Method Blank** | | | | | | | |
| **BTEX** | | | | | | | |
| Benzene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Toluene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Ethylbenzene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| m&p-Xylenes | mg/kg | < 0.2 | | | 0.2 | Pass | |
| o-Xylene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Xylenes - Total* | mg/kg | < 0.3 | | | 0.3 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | mg/kg | < 20 | | | 20 | Pass | |
| TRH C6-C10 | mg/kg | < 20 | | | 20 | Pass | |
| **Method Blank** | | | | | | | |
| **BTEX** | | | | | | | |
| Benzene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Toluene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Ethylbenzene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| m&p-Xylenes | mg/kg | < 0.2 | | | 0.2 | Pass | |
| o-Xylene | mg/kg | < 0.1 | | | 0.1 | Pass | |
| Xylenes - Total* | mg/kg | < 0.3 | | | 0.3 | Pass | |
| **Method Blank** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | mg/kg | < 0.5 | | | 0.5 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | | | | |
| Acenaphthene | % | 90 | | | 70-130 | Pass | |
| Acenaphthylene | % | 89 | | | 70-130 | Pass | |
| Anthracene | % | 87 | | | 70-130 | Pass | |
| Benz(a)anthracene | % | 84 | | | 70-130 | Pass | |
| Benzo(a)pyrene | % | 86 | | | 70-130 | Pass | |
| Benzo(b&j)fluoranthene | % | 81 | | | 70-130 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| Benzo(g.h.i)perylene | % | 94 | | | 70-130 | Pass | |
| Benzo(k)fluoranthene | % | 89 | | | 70-130 | Pass | |
| Chrysene | % | 86 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | % | 87 | | | 70-130 | Pass | |
| Fluoranthene | % | 87 | | | 70-130 | Pass | |
| Fluorene | % | 101 | | | 70-130 | Pass | |
| Indeno(1.2.3-cd)pyrene | % | 87 | | | 70-130 | Pass | |
| Naphthalene | % | 87 | | | 70-130 | Pass | |
| Phenanthrene | % | 90 | | | 70-130 | Pass | |
| Pyrene | % | 88 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| Conductivity (1:5 aqueous extract at 25 °C as rec.) | % | 111 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | | | | |
| Perfluorobutanoic acid (PFBA) | % | 93 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | % | 100 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | % | 99 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | % | 120 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | % | 92 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | % | 99 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | % | 102 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | % | 106 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | % | 104 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | % | 101 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | % | 94 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | | | | |
| Perfluorooctane sulfonamide (FOSA) | % | 97 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | % | 101 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | % | 99 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | % | 97 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | % | 95 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | % | 94 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | % | 99 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | % | 97 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | % | 107 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | % | 74 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | % | 78 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | % | 95 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | % | 98 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | % | 113 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | % | 100 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | % | 77 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | % | 83 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | % | 105 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | % | 114 | | | 50-150 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | % | 92 | | | 70-130 | Pass | |
| TRH C6-C10 | % | 90 | | | 70-130 | Pass | |

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **LCS - % Recovery** | | | | | | | |
| **BTEX** | | | | | | | |
| Benzene | % | 104 | | | 70-130 | Pass | |
| Toluene | % | 99 | | | 70-130 | Pass | |
| Ethylbenzene | % | 95 | | | 70-130 | Pass | |
| m&p-Xylenes | % | 86 | | | 70-130 | Pass | |
| o-Xylene | % | 89 | | | 70-130 | Pass | |
| Xylenes - Total* | % | 87 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | % | 83 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | | | | |
| TRH C6-C9 | % | 109 | | | 70-130 | Pass | |
| TRH C6-C10 | % | 109 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **BTEX** | | | | | | | |
| Benzene | % | 112 | | | 70-130 | Pass | |
| Toluene | % | 117 | | | 70-130 | Pass | |
| Ethylbenzene | % | 107 | | | 70-130 | Pass | |
| m&p-Xylenes | % | 123 | | | 70-130 | Pass | |
| o-Xylene | % | 112 | | | 70-130 | Pass | |
| Xylenes - Total* | % | 119 | | | 70-130 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | | | | |
| Naphthalene | % | 108 | | | 70-130 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | | | | | |
| Acenaphthene | S24-Jn0035863 | NCP | % | 89 | | | 70-130 | Pass | |
| Acenaphthylene | S24-Jn0035863 | NCP | % | 74 | | | 70-130 | Pass | |
| Anthracene | S24-Jn0035863 | NCP | % | 81 | | | 70-130 | Pass | |
| Chrysene | S24-Jn0035863 | NCP | % | 90 | | | 70-130 | Pass | |
| Dibenz(a.h)anthracene | S24-Jn0035863 | NCP | % | 72 | | | 70-130 | Pass | |
| Fluoranthene | S24-Jn0035863 | NCP | % | 71 | | | 70-130 | Pass | |
| Fluorene | S24-Jn0035863 | NCP | % | 87 | | | 70-130 | Pass | |
| Naphthalene | S24-Jn0035863 | NCP | % | 85 | | | 70-130 | Pass | |
| Phenanthrene | S24-Jn0035863 | NCP | % | 88 | | | 70-130 | Pass | |
| Pyrene | S24-Jn0035863 | NCP | % | 71 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | | | | | |
| Perfluorobutanoic acid (PFBA) | N24-Jn0031992 | NCP | % | 89 | | | 50-150 | Pass | |
| Perfluoropentanoic acid (PFPeA) | N24-Jn0031992 | NCP | % | 93 | | | 50-150 | Pass | |
| Perfluorohexanoic acid (PFHxA) | N24-Jn0031992 | NCP | % | 93 | | | 50-150 | Pass | |
| Perfluoroheptanoic acid (PFHpA) | N24-Jn0031992 | NCP | % | 98 | | | 50-150 | Pass | |
| Perfluorooctanoic acid (PFOA) | N24-Jn0031992 | NCP | % | 89 | | | 50-150 | Pass | |
| Perfluorononanoic acid (PFNA) | N24-Jn0031992 | NCP | % | 94 | | | 50-150 | Pass | |
| Perfluorodecanoic acid (PFDA) | N24-Jn0031992 | NCP | % | 99 | | | 50-150 | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | N24-Jn0031992 | NCP | % | 94 | | | 50-150 | Pass | |
| Perfluorododecanoic acid (PFDoDA) | N24-Jn0031992 | NCP | % | 93 | | | 50-150 | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | N24-Jn0031992 | NCP | % | 85 | | | 50-150 | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | N24-Jn0031992 | NCP | % | 101 | | | 50-150 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | | | | | |
| Perfluorooctane sulfonamide (FOSA) | N24-Jn0031992 | NCP | % | 93 | | | 50-150 | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | N24-Jn0031992 | NCP | % | 89 | | | 50-150 | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | N24-Jn0031992 | NCP | % | 100 | | | 50-150 | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | N24-Jn0031992 | NCP | % | 101 | | | 50-150 | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | N24-Jn0031992 | NCP | % | 98 | | | 50-150 | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | N24-Jn0031992 | NCP | % | 105 | | | 50-150 | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | N24-Jn0031992 | NCP | % | 111 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | | | | | |
| Perfluorobutanesulfonic acid (PFBS) | N24-Jn0031992 | NCP | % | 89 | | | 50-150 | Pass | |
| Perfluorononanesulfonic acid (PFNS) | N24-Jn0031992 | NCP | % | 98 | | | 50-150 | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | N24-Jn0031992 | NCP | % | 79 | | | 50-150 | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | N24-Jn0031992 | NCP | % | 79 | | | 50-150 | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | N24-Jn0031992 | NCP | % | 78 | | | 50-150 | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | N24-Jn0031992 | NCP | % | 75 | | | 50-150 | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | N24-Jn0031992 | NCP | % | 126 | | | 50-150 | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | N24-Jn0031992 | NCP | % | 89 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | | | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | N24-Jn0031992 | NCP | % | 83 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | N24-Jn0031992 | NCP | % | 86 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | N24-Jn0031992 | NCP | % | 91 | | | 50-150 | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | N24-Jn0031992 | NCP | % | 78 | | | 50-150 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | | | | | |
| TRH C6-C9 | S24-Jn0045484 | CP | % | 78 | | | 70-130 | Pass | |
| TRH C6-C10 | S24-Jn0045484 | CP | % | 78 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **BTEX** | | | | Result 1 | | | | | |
| Benzene | S24-Jn0045484 | CP | % | 80 | | | 70-130 | Pass | |
| Toluene | S24-Jn0045484 | CP | % | 83 | | | 70-130 | Pass | |
| Ethylbenzene | S24-Jn0045484 | CP | % | 80 | | | 70-130 | Pass | |
| m&p-Xylenes | S24-Jn0045484 | CP | % | 71 | | | 70-130 | Pass | |
| o-Xylene | S24-Jn0045484 | CP | % | 75 | | | 70-130 | Pass | |
| Xylenes - Total* | S24-Jn0045484 | CP | % | 72 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Total Recoverable Hydrocarbons** | | | | Result 1 | | | | | |
| TRH C6-C9 | S24-Jn0037662 | NCP | % | 81 | | | 70-130 | Pass | |
| TRH C10-C14 | S24-Jn0045487 | CP | % | 81 | | | 70-130 | Pass | |
| TRH C6-C10 | S24-Jn0037662 | NCP | % | 82 | | | 70-130 | Pass | |
| TRH >C10-C16 | S24-Jn0045487 | CP | % | 81 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **BTEX** | | | | Result 1 | | | | | |
| Benzene | S24-Jn0037662 | NCP | % | 99 | | | 70-130 | Pass | |
| Toluene | S24-Jn0037662 | NCP | % | 95 | | | 70-130 | Pass | |
| Ethylbenzene | S24-Jn0037662 | NCP | % | 90 | | | 70-130 | Pass | |
| m&p-Xylenes | S24-Jn0037662 | NCP | % | 101 | | | 70-130 | Pass | |
| o-Xylene | S24-Jn0037662 | NCP | % | 92 | | | 70-130 | Pass | |
| Xylenes - Total* | S24-Jn0037662 | NCP | % | 98 | | | 70-130 | Pass | |
| **Spike - % Recovery** | | | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | Result 1 | | | | | |
| Naphthalene | S24-Jn0037662 | NCP | % | 97 | | | 70-130 | Pass | |
| **Test** | **Lab Sample ID** | **QA Source** | **Units** | **Result 1** | | | **Acceptance Limits** | **Pass Limits** | **Qualifying Code** |
| **Duplicate** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| Acenaphthene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Acenaphthylene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Anthracene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benz(a)anthracene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(a)pyrene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(b&j)fluoranthene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(g.h.i)perylene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(k)fluoranthene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Chrysene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Dibenz(a.h)anthracene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluoranthene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluorene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Indeno(1.2.3-cd)pyrene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Naphthalene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Phenanthrene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Pyrene | S24-Jn0036399 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| | | | | Result 1 | Result 2 | RPD | | | |
| pH (1:5 Aqueous extract at 25 °C as rec.) | S24-Jn0040796 | NCP | pH Units | 4.9 | 5.0 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Sample Properties** | | | | Result 1 | Result 2 | RPD | | | |
| % Moisture | S24-Jn0043335 | NCP | % | 3.2 | 4.0 | 22 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorotridecanoic acid (PFTrDA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | S24-Jn0045481 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | S24-Jn0045481 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | S24-Jn0045481 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | S24-Jn0045481 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| Acenaphthene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Acenaphthylene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Anthracene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benz(a)anthracene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(a)pyrene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(b&j)fluoranthene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(g.h.i)perylene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Benzo(k)fluoranthene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Polycyclic Aromatic Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| Chrysene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Dibenz(a.h)anthracene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluoranthene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Fluorene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Indeno(1.2.3-cd)pyrene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Naphthalene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Phenanthrene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| Pyrene | S24-Jn0045484 | CP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| TRH C6-C9 | S24-Jn0040139 | NCP | mg/kg | < 20 | < 20 | <1 | 30% | Pass | |
| TRH C6-C10 | S24-Jn0040139 | NCP | mg/kg | < 20 | < 20 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **BTEX** | | | | Result 1 | Result 2 | RPD | | | |
| Benzene | S24-Jn0040122 | NCP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Toluene | S24-Jn0040122 | NCP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Ethylbenzene | S24-Jn0040122 | NCP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| m&p-Xylenes | S24-Jn0040122 | NCP | mg/kg | < 0.2 | < 0.2 | <1 | 30% | Pass | |
| o-Xylene | S24-Jn0040122 | NCP | mg/kg | < 0.1 | < 0.1 | <1 | 30% | Pass | |
| Xylenes - Total* | S24-Jn0040122 | NCP | mg/kg | < 0.3 | < 0.3 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons - 2013 NEPM Fractions** | | | | Result 1 | Result 2 | RPD | | | |
| Naphthalene | S24-Jn0040122 | NCP | mg/kg | < 0.5 | < 0.5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Total Recoverable Hydrocarbons** | | | | Result 1 | Result 2 | RPD | | | |
| TRH C10-C14 | S24-Jn0045488 | CP | mg/kg | < 20 | < 20 | <1 | 30% | Pass | |
| TRH C15-C28 | S24-Jn0045488 | CP | mg/kg | < 50 | < 50 | <1 | 30% | Pass | |
| TRH C29-C36 | S24-Jn0045488 | CP | mg/kg | < 50 | < 50 | <1 | 30% | Pass | |
| TRH >C10-C16 | S24-Jn0045488 | CP | mg/kg | < 50 | < 50 | <1 | 30% | Pass | |
| TRH >C16-C34 | S24-Jn0045488 | CP | mg/kg | < 100 | < 100 | <1 | 30% | Pass | |
| TRH >C34-C40 | S24-Jn0045488 | CP | mg/kg | < 100 | < 100 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl carboxylic acids (PFCAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanoic acid (PFBA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanoic acid (PFPeA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanoic acid (PFHxA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanoic acid (PFHpA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanoic acid (PFOA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanoic acid (PFNA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanoic acid (PFDA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroundecanoic acid (PFUnDA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorododecanoic acid (PFDoDA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotridecanoic acid (PFTrDA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorotetradecanoic acid (PFTeDA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonamido substances** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorooctane sulfonamide (FOSA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-methylperfluoro-1-octane sulfonamide (N-MeFOSA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethylperfluoro-1-octane sulfonamide (N-EtFOSA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-methylperfluoro-1-octane sulfonamido)-ethanol(N-MeFOSE) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 2-(N-ethylperfluoro-1-octane sulfonamido)-ethanol(N-EtFOSE) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| N-ethyl-perfluorooctanesulfonamidoacetic acid (N-EtFOSAA) | S24-Jn0045490 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| N-methyl-perfluorooctanesulfonamidoacetic acid (N-MeFOSAA) | S24-Jn0045490 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **Perfluoroalkyl sulfonic acids (PFSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| Perfluorobutanesulfonic acid (PFBS) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorononanesulfonic acid (PFNS) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropropanesulfonic acid (PFPrS) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoropentanesulfonic acid (PFPeS) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorohexanesulfonic acid (PFHxS) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluoroheptanesulfonic acid (PFHpS) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorooctanesulfonic acid (PFOS) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| Perfluorodecanesulfonic acid (PFDS) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| **Duplicate** | | | | | | | | | |
| **n:2 Fluorotelomer sulfonic acids (n:2 FTSAs)** | | | | Result 1 | Result 2 | RPD | | | |
| 1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorooctanesulfonic acid(6:2 FTSA) | S24-Jn0045490 | CP | ug/kg | < 10 | < 10 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |
| 1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA) | S24-Jn0045490 | CP | ug/kg | < 5 | < 5 | <1 | 30% | Pass | |

## Comments

### Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | Yes |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | N/A |
| Some samples have been subcontracted | No |

### Qualifier Codes/Comments

| Code | Description |
|---|---|
| N01 | F2 is determined by arithmetically subtracting the "naphthalene" value from the ">C10-C16" value. The naphthalene value used in this calculation is obtained from volatiles (Purge & Trap analysis). |
| N02 | Where we have reported both volatile (P&T GCMS) and semivolatile (GCMS) naphthalene data, results may not be identical. Provided correct sample handling protocols have been followed, any observed differences in results are likely to be due to procedural differences within each methodology. Results determined by both techniques have passed all QAQC acceptance criteria, and are entirely technically valid. |
| N04 | F1 is determined by arithmetically subtracting the "Total BTEX" value from the "C6-C10" value. The "Total BTEX" value is obtained by summing the concentrations of BTEX analytes. The "C6-C10" value is obtained by quantitating against a standard of mixed aromatic/aliphatic analytes. |
| N07 | Please note:- These two PAH isomers closely co-elute using the most contemporary analytical methods and both the reported concentration (and the TEQ) apply specifically to the total of the two co-eluting PAHs |
| N11 | Isotope dilution is used for calibration of each native compound for which an exact labelled analogue is available (Isotope Dilution Quantitation). The isotopically labelled analogues allow identification and recovery correction of the concentration of the associated native PFAS compounds. |
| N15 | Where the native PFAS compound does not have labelled analogue then the quantification is made using the Extracted Internal Standard Analyte with the closest retention time to the analyte and no recovery correction has been made (Internal Standard Quantitation). |

### Authorised by:

| | |
|---|---|
| Nileshni Goundar | Analytical Services Manager |
| Dilani Samarakoon | Senior Analyst-Inorganic |
| Emily Rosenberg | Senior Analyst-Metal |
| Jonathon Angell | Senior Analyst-Inorganic |
| Mary Makarios | Senior Analyst-Inorganic |
| Raymond Siu | Senior Analyst-Volatile |
| Roopesh Rangarajan | Senior Analyst-Organic |
| Roopesh Rangarajan | Senior Analyst-PFAS |
| Roopesh Rangarajan | Senior Analyst-Sample Properties |
| Roopesh Rangarajan | Senior Analyst-Volatile |

**Glenn Jackson**
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

# RE: Eurofins Test Results - Report 1108483 : Site Huntingwood (67299)

Daniel Saeed <dsaeed@jbsg.com.au>

Tue 2024-06-25 3:52 PM

To:Andrew Black <AndrewBlack@eurofins.com>
Cc:Jessica Staehli <JStaehli@jbsg.com.au>

**Unverified Sender:** The sender of this email has not been verified. Review the content of the message carefully and verify the identity of the sender before acting on this email: replying, opening attachments or clicking links.

Hi Andrew,

Can I please schedule TCLP Metals on the following samples, 24 hr TAT.

JBTP16_0.4-0.5;

JBTP20_0.4-0.5

Thanks

**Daniel Saeed | Project Consultant | JBS&G**

Gadigal Country | 50 Margaret Street, Sydney, NSW

T: 02 8245 0300 | M: 0452 392 909 | E: dsaeed@jbsg.com.au | W: jbsg.com.au | L: Conditions and Limitations

-

*Exceptional Outcomes*

---

**From:** AndrewBlack@eurofins.com <AndrewBlack@eurofins.com>
**Sent:** Monday, June 24, 2024 10:01 PM
**To:** Daniel Saeed <dsaeed@jbsg.com.au>
**Subject:** Eurofins Test Results - Report 1108483 : Site Huntingwood (67299)

***[EXTERNAL EMAIL]** Stop and think before opening attachments, clicking or responding.***

Kindest Regards,

Andrew Black
**Analytical Services Manager**

**Eurofins | Environment Testing**
Unit 1
2 Frost Drive
MAYFIELD WEST NSW 2304
AUSTRALIA
Phone: +61 299 008 490
Mobile: +61 410 220 750

Email: AndrewBlack@eurofins.com
Website:[http://]environment.eurofins.com.au
View our latest EnviroNotes

eurofins | Environment Testing

www.eurofins.com.au EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**

ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**

ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**

ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**

NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |

# Sample Receipt Advice

**Company name:** JBS & G Australia (NSW) P/L
**Contact name:** Daniel Saeed
**Project name:** ADDITIONAL: Huntingwood
**Project ID:** 6729
**Turnaround time:** 1 Day
**Date/Time received** Jun 25, 2024 4:15 PM
**Eurofins reference** 1111467

## Sample Information

| | |
|---|---|
| ✓ | A detailed list of analytes logged into our LIMS, is included in the attached summary table. |
| ✓ | Sample Temperature of chilled sample on the batch as recorded by Eurofins Sample Receipt : 16.6 degrees Celsius. |
| ✓ | All samples have been received as described on the above COC. |
| ✓ | COC has been completed correctly. |
| ✗ | Attempt to chill was evident. |
| ✓ | Appropriately preserved sample containers have been used. |
| ✓ | All samples were received in good condition. |
| ✓ | Samples have been provided with adequate time to commence analysis in accordance with the relevant holding times. |
| ✓ | Appropriate sample containers have been used. |
| ✓ | Sample containers for volatile analysis received with zero headspace. |
| ✗ | Split sample sent to requested external lab. |
| ✗ | Some samples have been subcontracted. |
| N/A | Custody Seals intact (if used). |

## Notes

## Contact

If you have any questions with respect to these samples, please contact your Analytical Services Manager:

**Andrew Black on phone : (+61) 2 9900 8490 or by email: AndrewBlack@eurofins.com**

Results will be delivered electronically via email to Daniel Saeed - dsaeed@jbsg.com.au.

Global Leader - Results you can trust

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** ADDITIONAL: Huntingwood
**Project ID:** 6729

**Order No.:**
**Report #:** 1111467
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 25, 2024 4:15 PM
**Due:** Jun 26, 2024
**Priority:** 1 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | USA Leaching Procedure | Metals M8 |
|---|---|---|---|---|---|---|---|
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | JBTP16_0.4-0.5 | Jun 12, 2024 | | US Leachate | S24-Jn0064359 | X | X |
| 2 | JBTP20_0.4-0.5 | Jun 12, 2024 | | US Leachate | S24-Jn0064360 | X | X |
| **Test Counts** | | | | | | 2 | 2 |

**JBS & G Australia (NSW) P/L**
**Level 1, 50 Margaret St**
**Sydney**
**NSW 2000**

**NATA Accredited**
**Accreditation Number 1261**
**Site Number 18217**

Accredited for compliance with ISO/IEC 17025 – Testing
NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration, inspection, proficiency testing scheme providers and reference materials producers reports and certificates.

**Attention:** **Daniel Saeed**

**Report** **1111467-L**
Project name ADDITIONAL: Huntingwood
Project ID 6729
Received Date Jun 25, 2024

| **Client Sample ID** | | | **JBTP16_0.4-0.5** | **JBTP20_0.4-0.5** |
|---|---|---|---|---|
| **Sample Matrix** | | | **US Leachate** | **US Leachate** |
| **Eurofins Sample No.** | | | **S24-Jn0064359** | **S24-Jn0064360** |
| **Date Sampled** | | | **Jun 12, 2024** | **Jun 12, 2024** |
| Test/Reference | LOR | Unit | | |
| **Heavy Metals** | | | | |
| Arsenic | 0.01 | mg/L | < 0.01 | < 0.01 |
| Cadmium | 0.005 | mg/L | < 0.005 | < 0.005 |
| Chromium | 0.05 | mg/L | < 0.05 | < 0.05 |
| Copper | 0.05 | mg/L | < 0.05 | < 0.05 |
| Lead | 0.01 | mg/L | 0.02 | < 0.01 |
| Mercury | 0.001 | mg/L | < 0.001 | < 0.001 |
| Nickel | 0.01 | mg/L | < 0.01 | < 0.01 |
| Zinc | 0.05 | mg/L | < 0.05 | < 0.05 |
| **USA Leaching Procedure** | | | | |
| Leachate Fluid[C01] | | comment | 1.0 | 1.0 |
| pH (initial) | 0.1 | pH Units | 8.1 | 9.0 |
| pH (off) | 0.1 | pH Units | 5.3 | 5.2 |
| pH (USA HCl addition) | 0.1 | pH Units | 1.9 | 2.0 |

## Sample History

Where samples are submitted/analysed over several days, the last date of extraction is reported.

If the date and time of sampling are not provided, the Laboratory will not be responsible for compromised results should testing be performed outside the recommended holding time.

| Description | Testing Site | Extracted | Holding Time |
|---|---|---|---|
| Metals M8 | Sydney | Jun 25, 2024 | 28 Days |
| - Method: LTM-MET-3040 Metals in Waters, Soils & Sediments by ICP-MS | | | |
| USA Leaching Procedure | Sydney | Jun 25, 2024 | 14 Days |
| - Method: LTM-GEN-7010 Leaching Procedure for Soils & Solid Wastes | | | |

eurofins

web: www.eurofins.com.au
email: EnviroSales@eurofins.com

**Eurofins Environment Testing Australia Pty Ltd**
ABN: 50 005 085 521

| Melbourne | Geelong | Sydney | Canberra | Brisbane | Newcastle |
|---|---|---|---|---|---|
| 6 Monterey Road | 19/8 Lewalan Street | 179 Magowar Road | Unit 1,2 Dacre Street | 1/21 Smallwood Place | 1/2 Frost Drive |
| Dandenong South | Grovedale | Girraween | Mitchell | Murarrie | Mayfield West |
| VIC 3175 | VIC 3216 | NSW 2145 | ACT 2911 | QLD 4172 | NSW 2304 |
| +61 3 8564 5000 | +61 3 8564 5000 | +61 2 9900 8400 | +61 2 6113 8091 | T: +61 7 3902 4600 | +61 2 4968 8448 |
| NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 | NATA# 1261 |
| Site# 1254 | Site# 25403 | Site# 18217 | Site# 25466 | Site# 20794 & 2780 | Site# 25079 & 25289 |

**Eurofins ARL Pty Ltd**
ABN: 91 05 0159 898

| Perth |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2377 |
| Site# 2370 |

**Eurofins ProMicro Pty Ltd**
ABN: 47 009 120 549

| Perth ProMicro |
|---|
| 46-48 Banksia Road |
| Welshpool |
| WA 6106 |
| +61 8 6253 4444 |
| NATA# 2561 |
| Site# 2554 |

**Eurofins Environment Testing NZ Ltd**
NZBN: 9429046024954

| Auckland | Auckland (Focus) | Christchurch | Tauranga |
|---|---|---|---|
| 35 O'Rorke Road | Unit C1/4 Pacific Rise, | 43 Detroit Drive | 1277 Cameron Road, |
| Penrose, | Mount Wellington, | Rolleston, | Gate Pa, |
| Auckland 1061 | Auckland 1061 | Christchurch 7675 | Tauranga 3112 |
| +64 9 526 4551 | +64 9 525 0568 | +64 3 343 5201 | +64 9 525 0568 |
| IANZ# 1327 | IANZ# 1308 | IANZ# 1290 | IANZ# 1402 |


**Company Name:** JBS & G Australia (NSW) P/L
**Address:** Level 1, 50 Margaret St
Sydney
NSW 2000

**Project Name:** ADDITIONAL: Huntingwood
**Project ID:** 6729

**Order No.:**
**Report #:** 1111467
**Phone:** 02 8245 0300
**Fax:**

**Received:** Jun 25, 2024 4:15 PM
**Due:** Jun 26, 2024
**Priority:** 1 Day
**Contact Name:** Daniel Saeed

**Eurofins Analytical Services Manager : Andrew Black**

| Sample Detail | | | | | | USA Leaching Procedure | Metals M8 |
|---|---|---|---|---|---|---|---|
| **Sydney Laboratory - NATA # 1261 Site # 18217** | | | | | | X | X |
| **External Laboratory** | | | | | | | |
| **No** | **Sample ID** | **Sample Date** | **Sampling Time** | **Matrix** | **LAB ID** | | |
| 1 | JBTP16_0.4-0.5 | Jun 12, 2024 | | US Leachate | S24-Jn0064359 | X | X |
| 2 | JBTP20_0.4-0.5 | Jun 12, 2024 | | US Leachate | S24-Jn0064360 | X | X |
| **Test Counts** | | | | | | 2 | 2 |

## Internal Quality Control Review and Glossary

### General

1. Laboratory QC results for Method Blanks, Duplicates, Matrix Spikes, and Laboratory Control Samples follow guidelines delineated in the National Environment Protection (Assessment of Site Contamination) Measure 1999, as amended May 2013. They are included in this QC report where applicable. Additional QC data may be available on request.
2. Unless otherwise stated, all soil/sediment/solid results are reported on a dry weight basis.
3. Unless otherwise stated, all biota/food results are reported on a wet weight basis on the edible portion.
4. For CEC results where the sample's origin is unknown or environmentally contaminated, the results should be used advisedly.
5. Actual LORs are matrix dependent. Quoted LORs may be raised where sample extracts are diluted due to interferences.
6. Results are uncorrected for matrix spikes or surrogate recoveries except for PFAS compounds where annotated.
7. SVOC analysis on waters is performed on homogenised, unfiltered samples unless noted otherwise.
8. Samples were analysed on an 'as received' basis.
9. Information identified in this report with **blue** colour indicates data provided by customers that may have an impact on the results.
10. This report replaces any interim results previously issued.

### Holding Times

Please refer to the 'Sample Preservation and Container Guide' for holding times (QS3001).

For samples received on the last day of holding time, notification of testing requirements should have been received at least 6 hours before sample receipt deadlines as stated on the SRA.

If the Laboratory did not receive the information in the required timeframe, and despite any other integrity issues, suitably qualified results may still be reported.

Holding times apply from the sampling date; therefore, compliance with these may be outside the laboratory's control.

For VOCs containing vinyl chloride, styrene and 2-chloroethyl vinyl ether, the holding time is seven days; however, for all other VOCs, such as BTEX or C6-10 TRH, the holding time is 14 days.

### Units

| | | |
|---|---|---|
| **mg/kg:** milligrams per kilogram | **mg/L:** milligrams per litre | **ppm:** parts per million |
| **µg/L:** micrograms per litre | **ppb:** parts per billion | **%:** Percentage |
| **org/100 mL:** Organisms per 100 millilitres | **NTU:** Nephelometric Turbidity Units | **MPN/100 mL:** Most Probable Number of organisms per 100 millilitres |
| **CFU:** Colony Forming Unit | **Colour:** Pt-Co Units (CU) | |

### Terms

| | |
|---|---|
| **APHA** | American Public Health Association |
| **CEC** | Cation Exchange Capacity |
| **COC** | Chain of Custody |
| **CP** | Client Parent - QC was performed on samples pertaining to this report |
| **CRM** | Certified Reference Material (ISO17034) - reported as percent recovery. |
| **Dry** | Where moisture has been determined on a solid sample, the result is expressed on a dry weight basis. |
| **Duplicate** | A second piece of analysis from the same sample and reported in the same units as the result to show comparison. |
| **LOR** | Limit of Reporting. |
| **LCS** | Laboratory Control Sample - reported as percent recovery. |
| **Method Blank** | In the case of solid samples, these are performed on laboratory-certified clean sands and in the case of water samples, these are performed on de-ionised water. |
| **NCP** | Non-Client Parent - QC performed on samples not pertaining to this report, QC represents the sequence or batch that client samples were analysed within. |
| **RPD** | Relative Percent Difference between two Duplicate pieces of analysis. |
| **SPIKE** | Addition of the analyte to the sample and reported as percentage recovery. |
| **SRA** | Sample Receipt Advice |
| **Surr - Surrogate** | The addition of a similar compound to the analyte target is reported as percentage recovery. See below for acceptance criteria. |
| **TBTO** | Tributyltin oxide (*bis*-tributyltin oxide) - individual tributyltin compounds cannot be identified separately in the environment; however, free tributyltin was measured, and its values were converted stoichiometrically into tributyltin oxide for comparison with regulatory limits. |
| **TCLP** | Toxicity Characteristic Leaching Procedure |
| **TEQ** | Toxic Equivalency Quotient or Total Equivalence |
| **QSM** | US Department of Defense Quality Systems Manual Version 6.0 |
| **US EPA** | United States Environmental Protection Agency |
| **WA DWER** | Sum of PFBA, PFPeA, PFHxA, PFHpA, PFOA, PFBS, PFHxS, PFOS, 6:2 FTSA, 8:2 FTSA |

### QC - Acceptance Criteria

The acceptance criteria should only be used as a guide and may be different when site-specific Sampling Analysis and Quality Plan (SAQP) have been implemented.

RPD Duplicates: Global RPD Duplicates Acceptance Criteria is ≤30%; however, the following acceptance guidelines are equally applicable:

| | |
|---|---|
| Results <10 times the LOR: | No Limit |
| Results between 10-20 times the LOR: | RPD must lie between 0-50% |
| Results >20 times the LOR: | RPD must lie between 0-30% |

NOTE: pH duplicates are reported as a range, not as RPD

Surrogate Recoveries: Recoveries must lie between 20-130% for Speciated Phenols & 50-150% for PFAS. SVOCs recoveries 20 – 150%, VOC recoveries 50 – 150%

PFAS field samples containing surrogate recoveries above the QC limit designated in QSM 6.0, where no positive PFAS results have been reported or reviewed, and no data was affected.

### QC Data General Comments

1. Where a result is reported as less than (<), higher than the nominated LOR, this is due to either matrix interference, extract dilution required due to interferences or contaminant levels within the sample, high moisture content or insufficient sample provided.
2. Duplicate data shown within this report that states the word "BATCH" is a Batch Duplicate from outside of your sample batch but within the laboratory sample batch at a 1:10 ratio. The Parent and Duplicate data shown are not data from your samples.
3. pH and Free Chlorine analysed in the laboratory - Analysis on this test must begin within 30 minutes of sampling. Therefore, laboratory analysis is unlikely to be completed within holding time.Analysis will begin as soon as possible after sample receipt.
4. Recovery Data (Spikes & Surrogates) - where chromatographic interference does not allow the determination of recovery, the term "INT" appears against that analyte.
5. For Matrix Spikes and LCS results, a dash "-" in the report means that the specific analyte was not added to the QC sample.
6. Duplicate RPDs are calculated from raw analytical data; thus, it is possible to have two sets of data.

**Quality Control Results**

| Test | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|
| **Method Blank** | | | | | | | |
| **Heavy Metals** | | | | | | | |
| Arsenic | mg/L | < 0.01 | | | 0.01 | Pass | |
| Cadmium | mg/L | < 0.005 | | | 0.005 | Pass | |
| Chromium | mg/L | < 0.05 | | | 0.05 | Pass | |
| Copper | mg/L | < 0.05 | | | 0.05 | Pass | |
| Lead | mg/L | < 0.01 | | | 0.01 | Pass | |
| Mercury | mg/L | < 0.001 | | | 0.001 | Pass | |
| Nickel | mg/L | < 0.01 | | | 0.01 | Pass | |
| Zinc | mg/L | < 0.05 | | | 0.05 | Pass | |
| **LCS - % Recovery** | | | | | | | |
| **Heavy Metals** | | | | | | | |
| Arsenic | % | 91 | | | 80-120 | Pass | |
| Cadmium | % | 89 | | | 80-120 | Pass | |
| Chromium | % | 85 | | | 80-120 | Pass | |
| Copper | % | 84 | | | 80-120 | Pass | |
| Lead | % | 98 | | | 80-120 | Pass | |
| Mercury | % | 90 | | | 80-120 | Pass | |
| Nickel | % | 86 | | | 80-120 | Pass | |
| Zinc | % | 83 | | | 80-120 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | | | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Spike - % Recovery** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | | | | | |
| Arsenic | S24-Jn0056703 | NCP | % | 93 | | | 75-125 | Pass | |
| Cadmium | S24-Jn0056703 | NCP | % | 90 | | | 75-125 | Pass | |
| Chromium | S24-Jn0056703 | NCP | % | 83 | | | 75-125 | Pass | |
| Copper | S24-Jn0056703 | NCP | % | 82 | | | 75-125 | Pass | |
| Lead | S24-Jn0056703 | NCP | % | 104 | | | 75-125 | Pass | |
| Mercury | S24-Jn0056703 | NCP | % | 93 | | | 75-125 | Pass | |
| Nickel | S24-Jn0056703 | NCP | % | 84 | | | 75-125 | Pass | |
| Zinc | S24-Jn0056703 | NCP | % | 100 | | | 75-125 | Pass | |

| Test | Lab Sample ID | QA Source | Units | Result 1 | Result 2 | RPD | Acceptance Limits | Pass Limits | Qualifying Code |
|---|---|---|---|---|---|---|---|---|---|
| **Duplicate** | | | | | | | | | |
| **Heavy Metals** | | | | Result 1 | Result 2 | RPD | | | |
| Arsenic | S24-Jn0064429 | NCP | mg/L | < 0.01 | < 0.01 | <1 | 30% | Pass | |
| Cadmium | S24-Jn0064429 | NCP | mg/L | < 0.005 | < 0.005 | <1 | 30% | Pass | |
| Chromium | S24-Jn0064429 | NCP | mg/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Copper | S24-Jn0064429 | NCP | mg/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |
| Lead | S24-Jn0064429 | NCP | mg/L | < 0.01 | 0.01 | 28 | 30% | Pass | |
| Mercury | S24-Jn0064429 | NCP | mg/L | < 0.001 | < 0.001 | <1 | 30% | Pass | |
| Nickel | S24-Jn0064429 | NCP | mg/L | 0.02 | 0.02 | 8.8 | 30% | Pass | |
| Zinc | S24-Jn0064429 | NCP | mg/L | < 0.05 | < 0.05 | <1 | 30% | Pass | |

## Comments

## Sample Integrity

| | |
|---|---|
| Custody Seals Intact (if used) | N/A |
| Attempt to Chill was evident | No |
| Sample correctly preserved | Yes |
| Appropriate sample containers have been used | Yes |
| Sample containers for volatile analysis received with minimal headspace | Yes |
| Samples received within HoldingTime | Yes |
| Some samples have been subcontracted | No |

## Qualifier Codes/Comments

| Code | Description |
|---|---|
| C01 | Leachate Fluid Key: 1 - pH 5.0; 2 - pH 2.9; 3 - pH 9.2; 4 - Reagent (DI) water; 5 - Client sample, 6 - other |

## Authorised by:

| | |
|---|---|
| Nileshni Goundar | Analytical Services Manager |
| Mickael Ros | Senior Analyst-Metal |
| Roopesh Rangarajan | Senior Analyst-Sample Properties |

**Glenn Jackson**
**Managing Director**

Final Report – this report replaces any previously issued Report

- Indicates Not Requested

* Indicates NATA accreditation does not cover the performance of this service

Measurement uncertainty of test data is available on request or please click here.

Eurofins shall not be liable for loss, cost, damages or expenses incurred by the client, or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Eurofins be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This document shall not be reproduced except in full and relates only to the items tested. Unless indicated otherwise, the tests were performed on the samples as received.

# Appendix L Detailed QA/QC Documentation

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 1108483 | | 1108483 | 1108483 | |
| | | | **Field ID** | JBTP04_0.0-0.3 | QC01 | | JBTP04_3.0-3.1 | QC01 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 12 Jun 2024 | 12 Jun 2024 | RPD | 12 Jun 2024 | 12 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | |
| **Metals & Metalloids** | | | | | | | | | |
| **Arsenic** | mg/kg | 2 | | - | - | - | 6.6 | 4.9 | 30 |
| **Cadmium** | mg/kg | 0.4 | | - | - | - | <0.4 | <0.4 | 0 |
| **Chromium (III+VI)** | mg/kg | 1 | | - | - | - | 16 | 14 | 13 |
| **Copper** | mg/kg | 1 | | - | - | - | 16 | 11 | 37 |
| **Lead** | mg/kg | 1 | | - | - | - | 16 | 16 | 0 |
| **Mercury** | mg/kg | 0.1 | | - | - | - | <0.1 | <0.1 | 0 |
| **Nickel** | mg/kg | 1 | | - | - | - | 9.3 | 7.1 | 27 |
| **Zinc** | mg/kg | 1 | | - | - | - | 22 | 13 | 51 |
| **TPHs (NEPC 1999)** | | | | | | | | | |
| **C6-C9 Fraction** | mg/kg | 20 | | - | - | - | <20 | <20 | 0 |
| **C10-C14 Fraction** | mg/kg | 20 | | - | - | - | <20 | <20 | 0 |
| **C15-C28 Fraction** | mg/kg | 50 | | - | - | - | <50 | <50 | 0 |
| **C29-C36 Fraction** | mg/kg | 50 | | - | - | - | <50 | <50 | 0 |
| **C10-C36 Fraction (Sum of Total)** | mg/kg | 50 | | - | - | - | <50 | <50 | 0 |
| **TRHs (NEPC 2013)** | | | | | | | | | |
| **C6-C10** | mg/kg | 20 | | - | - | - | <20 | <20 | 0 |
| **C10-C16** | mg/kg | 50 | | - | - | - | <50 | <50 | 0 |
| **C16-C34** | mg/kg | 100 | | - | - | - | <100 | <100 | 0 |
| **C34-C40** | mg/kg | 100 | | - | - | - | <100 | <100 | 0 |
| **C10-C40 (Sum of total)** | mg/kg | 50 | | - | - | - | <100 | <100 | 0 |
| **F1 (C6-C10 minus BTEX)** | mg/kg | 20 | | - | - | - | <20 | <20 | 0 |
| **F2 (C10-C16 less Naphthalene)** | mg/kg | 50 | | - | - | - | <50 | <50 | 0 |
| **BTEXN** | | | | | | | | | |
| **Benzene** | mg/kg | 0.1 | | - | - | - | <0.1 | <0.1 | 0 |
| **Toluene** | mg/kg | 0.1 | | - | - | - | <0.1 | <0.1 | 0 |
| **Ethylbenzene** | mg/kg | 0.1 | | - | - | - | <0.1 | <0.1 | 0 |
| **Xylene (o)** | mg/kg | 0.1 | | - | - | - | <0.1 | <0.1 | 0 |
| **Xylene (m & p)** | mg/kg | 0.2 | | - | - | - | <0.2 | <0.2 | 0 |
| **Xylene Total** | mg/kg | 0.3 | | - | - | - | <0.3 | <0.3 | 0 |
| **Naphthalene_VOC** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 |
| **PAH** | | | | | | | | | |
| **PAHs (Sum of positives)** | µg/kg | 50 | | - | - | - | - | - | - |
| **Acenaphthene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Acenaphthylene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Anthracene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Benz(a)anthracene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(a)pyrene** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(a)pyrene TEQ (LOR)** | mg/kg | 0.5 | | - | - | - | 1.2 | 1.2 | 0 |
| **Benzo(a)pyrene TEQ calc (Half)** | mg/kg | 0.5 | | - | - | - | 0.6 | 0.6 | 0 |
| **Benzo(a)pyrene TEQ calc (Zero)** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(b+j)fluoranthene** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(b+j+k)fluoranthene** | mg/kg | 0.2 | | - | - | - | - | - | - |
| **Benzo(g,h,i)perylene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(k)fluoranthene** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 |
| **Chrysene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Dibenz(a,h)anthracene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Fluoranthene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Fluorene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Indeno(1,2,3-c,d)pyrene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Naphthalene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Phenanthrene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **Pyrene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 |
| **PAHs (Sum of total)** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 |
| **Organochlorine Pesticides** | | | | | | | | | |
| **4,4-DDE** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **a-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **b-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **d-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **g-BHC (Lindane)** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Aldrin** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Aldrin + Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Chlordane** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Chlordane (cis)** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Chlordane (trans)** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **DDT** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **DDD** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **DDT+DDE+DDD** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Endosulfan I** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Endosulfan II** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Endosulfan sulphate** | mg/kg | 0.05 | | - | - | - | - | - | - |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 1108483 | | 1108483 | 1108483 | |
| | | | **Field ID** | JBTP04_0.0-0.3 | QC01 | | JBTP04_3.0-3.1 | QC01 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 12 Jun 2024 | 12 Jun 2024 | RPD | 12 Jun 2024 | 12 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | |
| **Endrin** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Endrin aldehyde** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Endrin ketone** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Heptachlor** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Heptachlor Epoxide** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Methoxychlor** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Mirex** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Toxaphene** | mg/kg | 0.5 | | - | - | - | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | | | | |
| **Arochlor 1016** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1221** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1232** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1242** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1248** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1254** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1260** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **PCBs (Sum of total)** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **PFAS** | | | | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | mg/kg | 0.0002 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoropentanoic acid (PFPeA)** | mg/kg | 0.0002 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorohexanoic acid (PFHxA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoroheptanoic acid (PFHpA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorooctanoic acid (PFOA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorononanoic acid (PFNA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorodecanoic acid (PFDA)** | mg/kg | 0.0005 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoroundecanoic acid (PFUnDA)** | mg/kg | 0.0005 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorododecanoic acid (PFDoDA)** | mg/kg | 0.0005 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorotridecanoic acid (PFTrDA)** | mg/kg | 0.0005 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorotetradecanoic acid (PFTeDA)** | mg/kg | 0.005 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorooctane sulfonamide (FOSA)** | mg/kg | 0.001 | | - | - | - | <0.005 | <0.005 | 0 |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | mg/kg | 0.001 | | - | - | - | <0.005 | <0.005 | 0 |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | mg/kg | 0.001 | | - | - | - | <0.005 | <0.005 | 0 |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | mg/kg | 0.001 | | - | - | - | <0.005 | <0.005 | 0 |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | mg/kg | 0.005 | | - | - | - | <0.005 | <0.005 | 0 |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | mg/kg | 0.0002 | | - | - | - | <0.01 | <0.01 | 0 |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | mg/kg | 0.0002 | | - | - | - | <0.01 | <0.01 | 0 |
| **Perfluoropropanesulfonic acid (PFPrS)** | mg/kg | 0.005 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorobutanesulfonic acid (PFBS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoropentanesulfonic acid (PFPeS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorohexanesulfonic acid (PFHxS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoroheptane sulfonic acid (PFHpS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorooctanesulfonic acid (PFOS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorodecanesulfonic acid (PFDS)** | mg/kg | 0.0002 | | - | - | - | <0.005 | <0.005 | 0 |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | <0.01 | <0.01 | 0 |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | <0.005 | <0.005 | 0 |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | <0.005 | <0.005 | 0 |
| **Sum of PFHxS and PFOS** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | mg/kg | 0.005 | | - | - | - | <0.005 | <0.005 | 0 |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | mg/kg | 0.0001 | | - | - | - | <0.005 | <0.005 | 0 |
| **Sum of WA DWER PFAS (n=10)*** | mg/KG | 0.01 | | - | - | - | <0.01 | <0.01 | 0 |
| **Sum of PFAS** | mg/kg | 0.0001 | | - | - | - | <0.05 | <0.05 | 0 |
| **Perfluorononanesulfonic acid ion** | mg/kg | 0.005 | | - | - | - | <0.005 | <0.005 | 0 |
| **Chlorinated Benzenes** | | | | | | | | | |
| **Hexachlorobenzene** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **EPA VIC - IWRG621** | | | | | | | | | |
| **Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Other Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Asbestos - Eurofins** | | | | | | | | | |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 1108483 | | 1108483 | 1108483 | |
| | | | **Field ID** | JBTP04_0.0-0.3 | QC01 | | JBTP04_3.0-3.1 | QC01 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 12 Jun 2024 | 12 Jun 2024 | RPD | 12 Jun 2024 | 12 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | |
| **Approximate Sample Mass** | g | | | 563 | 483 | 15 | - | - | - |
| **Asbestos Sample Dimensions** | Comment | | | - | 1 | - | - | - | - |
| **Mass ACM** | g | | | 0.0000 | 0.0000 | - | - | - | - |
| **Mass Asbestos in ACM** | g | | | 0 | 0 | - | - | - | - |
| **Asbestos from ACM in Soil** | % (w/w) | | | 0 | 0 | - | - | - | - |
| **Mass FA** | g | | | 0.0000 | 0.0000 | - | - | - | - |
| **Mass Asbestos in FA** | g | | | 0 | 0 | - | - | - | - |
| **Mass AF** | g | | | 0.0000 | 0.0000 | - | - | - | - |
| **Mass asbestos in AF** | g | | | 0 | 0 | - | - | - | - |
| **Mass Asbestos in FA & AF** | g | | | 0 | 0 | - | - | - | - |
| **ACM - Comment** | Comment | | | 1 | 1 | 0 | - | - | - |
| **FA- Comment** | Comment | | | 1 | 1 | 0 | - | - | - |
| **AF - Comment** | Comment | | | 1 | 1 | 0 | - | - | - |
| **Organic Fibres - Comment** | Comment | | | 1 | 1 | 0 | - | - | - |
| **Respirable Fibres - Comment** | Comment | | | 1 | 1 | 0 | - | - | - |
| **Synthetic Fibres - Comment** | Comment | | | 1 | 1 | 0 | - | - | - |
| **Asbestos Reported Result** | Comment | | | 1 | 1 | 0 | - | - | - |
| **Asbestos FA & AF in Soil** | % (w/w) | | | 0 | 0 | - | - | - | - |
| **Asbestos - Envirolab** | | | | | | | | | |
| **Asbestos ID in Soil** | g/kg | | | - | - | - | - | - | - |
| **Total Asbestos** | g/kg | | | - | - | - | - | - | - |
| **Asbestos (ACM >7mm) Estimation** | % (w/w) | | | - | - | - | - | - | - |
| **Asbestos in soil (<2mm AF/FA) (%w/w)** | % (w/w) | | | - | - | - | - | - | - |
| **Moisture Content** | | | | | | | | | |
| **Moisture Content** | % | 0.1 | | - | - | - | - | - | - |
| **Other** | | | | | | | | | |
| **Moisture Content (dried @ 103°C)** | % | 1 | | - | - | - | 16 | 18 | 12 |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x EQL); 30 (10 - 30 x EQL); 30 ( > 30 x EQL) )**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory**

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lab Report Number | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 1108483 | |
| | | | Field ID | JBTP04_3.0-3.1 | QA01 | | JBTP33_1.0-1.1 | QC02 | | JBTP16_0.0-1.0 | QCAQ20240613_01 | |
| | | | Matrix Type | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | Date | 12 Jun 2024 | 12 Jun 2024 | RPD | 12 Jun 2024 | 12 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Metals & Metalloids** | | | | | | | | | | | | |
| **Arsenic** | mg/kg | 2 | | 6.6 | 6 | 10 | - | - | - | - | - | - |
| **Cadmium** | mg/kg | 0.4 | | <0.4 | <0.4 | 0 | - | - | - | - | - | - |
| **Chromium (III+VI)** | mg/kg | 1 | | 16 | 13 | 21 | - | - | - | - | - | - |
| **Copper** | mg/kg | 1 | | 16 | 15 | 6 | - | - | - | - | - | - |
| **Lead** | mg/kg | 1 | | 16 | 23 | 36 | - | - | - | - | - | - |
| **Mercury** | mg/kg | 0.1 | | <0.1 | <0.1 | 0 | - | - | - | - | - | - |
| **Nickel** | mg/kg | 1 | | 9.3 | 8 | 15 | - | - | - | - | - | - |
| **Zinc** | mg/kg | 1 | | 22 | 20 | 10 | - | - | - | - | - | - |
| **TPHs (NEPC 1999)** | | | | | | | | | | | | |
| **C6-C9 Fraction** | mg/kg | 20 | | <20 | <25 | 0 | - | - | - | - | - | - |
| **C10-C14 Fraction** | mg/kg | 20 | | <20 | <50 | 0 | - | - | - | - | - | - |
| **C15-C28 Fraction** | mg/kg | 50 | | <50 | <100 | 0 | - | - | - | - | - | - |
| **C29-C36 Fraction** | mg/kg | 50 | | <50 | <100 | 0 | - | - | - | - | - | - |
| **C10-C36 Fraction (Sum of Total)** | mg/kg | 50 | | <50 | <50 | 0 | - | - | - | - | - | - |
| **TRHs (NEPC 2013)** | | | | | | | | | | | | |
| **C6-C10** | mg/kg | 20 | | <20 | <25 | 0 | - | - | - | - | - | - |
| **C10-C16** | mg/kg | 50 | | <50 | <50 | 0 | - | - | - | - | - | - |
| **C16-C34** | mg/kg | 100 | | <100 | <100 | 0 | - | - | - | - | - | - |
| **C34-C40** | mg/kg | 100 | | <100 | <100 | 0 | - | - | - | - | - | - |
| **C10-C40 (Sum of total)** | mg/kg | 50 | | <100 | <50 | 0 | - | - | - | - | - | - |
| **F1 (C6-C10 minus BTEX)** | mg/kg | 20 | | <20 | <25 | 0 | - | - | - | - | - | - |
| **F2 (C10-C16 less Naphthalene)** | mg/kg | 50 | | <50 | <50 | 0 | - | - | - | - | - | - |
| **BTEXN** | | | | | | | | | | | | |
| **Benzene** | mg/kg | 0.1 | | <0.1 | <0.2 | 0 | - | - | - | - | - | - |
| **Toluene** | mg/kg | 0.1 | | <0.1 | <0.5 | 0 | - | - | - | - | - | - |
| **Ethylbenzene** | mg/kg | 0.1 | | <0.1 | <1 | 0 | - | - | - | - | - | - |
| **Xylene (o)** | mg/kg | 0.1 | | <0.1 | <1 | 0 | - | - | - | - | - | - |
| **Xylene (m & p)** | mg/kg | 0.2 | | <0.2 | <2 | 0 | - | - | - | - | - | - |
| **Xylene Total** | mg/kg | 0.3 | | <0.3 | <1 | 0 | - | - | - | - | - | - |
| **Naphthalene_VOC** | mg/kg | 0.5 | | <0.5 | <1 | 0 | - | - | - | - | - | - |
| **PAH** | | | | | | | | | | | | |
| **PAHs (Sum of positives)** | µg/kg | 50 | | - | <50 | - | - | - | - | - | - | - |
| **Acenaphthene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Acenaphthylene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Anthracene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Benz(a)anthracene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Benzo(a)pyrene** | mg/kg | 0.05 | | <0.5 | <0.05 | 0 | <0.5 | - | - | - | - | - |
| **Benzo(a)pyrene TEQ (LOR)** | mg/kg | 0.5 | | 1.2 | <0.5 | 82 | 1.2 | - | - | - | - | - |
| **Benzo(a)pyrene TEQ calc (Half)** | mg/kg | 0.5 | | 0.6 | <0.5 | 18 | 0.6 | - | - | - | - | - |
| **Benzo(a)pyrene TEQ calc (Zero)** | mg/kg | 0.5 | | <0.5 | <0.5 | 0 | <0.5 | - | - | - | - | - |
| **Benzo(b+j)fluoranthene** | mg/kg | 0.5 | | <0.5 | - | - | <0.5 | - | - | - | - | - |
| **Benzo(b+j+k)fluoranthene** | mg/kg | 0.2 | | - | <0.2 | - | - | - | - | - | - | - |
| **Benzo(g,h,i)perylene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Benzo(k)fluoranthene** | mg/kg | 0.5 | | <0.5 | - | - | <0.5 | - | - | - | - | - |
| **Chrysene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | 0.6 | - | - | - | - | - |
| **Dibenz(a,h)anthracene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Fluoranthene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | 0.7 | - | - | - | - | - |
| **Fluorene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Indeno(1,2,3-c,d)pyrene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Naphthalene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Phenanthrene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | <0.5 | - | - | - | - | - |
| **Pyrene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | 0.7 | - | - | - | - | - |
| **PAHs (Sum of total)** | mg/kg | 0.5 | | <0.5 | - | - | 2.0 | - | - | - | - | - |
| **Organochlorine Pesticides** | | | | | | | | | | | | |
| **4,4-DDE** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **a-BHC** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **b-BHC** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **d-BHC** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **g-BHC (Lindane)** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Aldrin** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Dieldrin** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Aldrin + Dieldrin** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | - | - | - |
| **Chlordane** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | - | - | - |
| **Chlordane (cis)** | mg/kg | 0.1 | | - | <0.1 | - | - | - | - | - | - | - |
| **Chlordane (trans)** | mg/kg | 0.1 | | - | <0.1 | - | - | - | - | - | - | - |
| **DDT** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **DDD** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **DDT+DDE+DDD** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Endosulfan I** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Endosulfan II** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Endosulfan sulphate** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lab Report Number | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 1108483 | |
| | | | Field ID | JBTP04_3.0-3.1 | QA01 | | JBTP33_1.0-1.1 | QC02 | | JBTP16_0.0-1.0 | QCAQ20240613_01 | |
| | | | Matrix Type | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | Date | 12 Jun 2024 | 12 Jun 2024 | RPD | 12 Jun 2024 | 12 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Endrin** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Endrin aldehyde** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Endrin ketone** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | - | - | - |
| **Heptachlor** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Heptachlor Epoxide** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Methoxychlor** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **Mirex** | mg/kg | 0.1 | | - | <0.1 | - | - | - | - | - | - | - |
| **Toxaphene** | mg/kg | 0.5 | | - | - | - | <10 | <10 | 0 | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | | | | | | | |
| **Arochlor 1016** | mg/kg | 0.1 | | - | <0.1 | - | <1 | <1 | 0 | - | - | - |
| **Arochlor 1221** | mg/kg | 0.1 | | - | <0.1 | - | <1 | <1 | 0 | - | - | - |
| **Arochlor 1232** | mg/kg | 0.1 | | - | <0.1 | - | <1 | <1 | 0 | - | - | - |
| **Arochlor 1242** | mg/kg | 0.1 | | - | <0.1 | - | <1 | <1 | 0 | - | - | - |
| **Arochlor 1248** | mg/kg | 0.1 | | - | <0.1 | - | <1 | <1 | 0 | - | - | - |
| **Arochlor 1254** | mg/kg | 0.1 | | - | <0.1 | - | <1 | <1 | 0 | - | - | - |
| **Arochlor 1260** | mg/kg | 0.1 | | - | <0.1 | - | <1 | <1 | 0 | - | - | - |
| **PCBs (Sum of total)** | mg/kg | 0.1 | | - | <0.1 | - | <1 | <1 | 0 | - | - | - |
| **PFAS** | | | | | | | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **Perfluoropentanoic acid (PFPeA)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **Perfluorohexanoic acid (PFHxA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluoroheptanoic acid (PFHpA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorooctanoic acid (PFOA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorononanoic acid (PFNA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorodecanoic acid (PFDA)** | mg/kg | 0.0005 | | <0.005 | <0.0005 | 0 | - | - | - | - | - | - |
| **Perfluoroundecanoic acid (PFUnDA)** | mg/kg | 0.0005 | | <0.005 | <0.0005 | 0 | - | - | - | - | - | - |
| **Perfluorododecanoic acid (PFDoDA)** | mg/kg | 0.0005 | | <0.005 | <0.0005 | 0 | - | - | - | - | - | - |
| **Perfluorotridecanoic acid (PFTrDA)** | mg/kg | 0.0005 | | <0.005 | <0.0005 | 0 | - | - | - | - | - | - |
| **Perfluorotetradecanoic acid (PFTeDA)** | mg/kg | 0.005 | | <0.005 | <0.005 | 0 | - | - | - | - | - | - |
| **Perfluorooctane sulfonamide (FOSA)** | mg/kg | 0.001 | | <0.005 | <0.001 | 0 | - | - | - | - | - | - |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | mg/kg | 0.001 | | <0.005 | <0.001 | 0 | - | - | - | - | - | - |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | mg/kg | 0.001 | | <0.005 | <0.001 | 0 | - | - | - | - | - | - |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | mg/kg | 0.001 | | <0.005 | <0.001 | 0 | - | - | - | - | - | - |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | mg/kg | 0.005 | | <0.005 | <0.005 | 0 | - | - | - | - | - | - |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | mg/kg | 0.0002 | | <0.01 | <0.0002 | 0 | - | - | - | - | - | - |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | mg/kg | 0.0002 | | <0.01 | <0.0002 | 0 | - | - | - | - | - | - |
| **Perfluoropropanesulfonic acid (PFPrS)** | mg/kg | 0.005 | | <0.005 | - | - | - | - | - | - | - | - |
| **Perfluorobutanesulfonic acid (PFBS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluoropentanesulfonic acid (PFPeS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorohexanesulfonic acid (PFHxS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluoroheptane sulfonic acid (PFHpS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorooctanesulfonic acid (PFOS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorodecanesulfonic acid (PFDS)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | mg/kg | 0.0001 | | <0.01 | <0.0001 | 0 | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **Sum of PFHxS and PFOS** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | mg/kg | 0.005 | | <0.005 | - | - | - | - | - | - | - | - |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Sum of WA DWER PFAS (n=10)*** | mg/KG | 0.01 | | <0.01 | - | - | - | - | - | - | - | - |
| **Sum of PFAS** | mg/kg | 0.0001 | | <0.05 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorononanesulfonic acid ion** | mg/kg | 0.005 | | <0.005 | - | - | - | - | - | - | - | - |
| **Chlorinated Benzenes** | | | | | | | | | | | | |
| **Hexachlorobenzene** | mg/kg | 0.05 | | - | <0.1 | - | <0.5 | <0.5 | 0 | - | - | - |
| **EPA VIC - IWRG621** | | | | | | | | | | | | |
| **Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | - | - | - |
| **Other Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | - | - | - |
| **Asbestos - Eurofins** | | | | | | | | | | | | |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 1108483 | |
| | | | **Field ID** | JBTP04_3.0-3.1 | QA01 | | JBTP33_1.0-1.1 | QC02 | | JBTP16_0.0-1.0 | QCAQ20240613_01 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 12 Jun 2024 | 12 Jun 2024 | RPD | 12 Jun 2024 | 12 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Approximate Sample Mass** | g | | | - | - | - | - | - | - | 575 | 517 | 11 |
| **Asbestos Sample Dimensions** | Comment | | | - | - | - | - | - | - | - | - | - |
| **Mass ACM** | g | | | - | - | - | - | - | - | 0.0000 | 0.0000 | - |
| **Mass Asbestos in ACM** | g | | | - | - | - | - | - | - | 0 | 0 | - |
| **Asbestos from ACM in Soil** | % (w/w) | | | - | - | - | - | - | - | 0 | 0 | - |
| **Mass FA** | g | | | - | - | - | - | - | - | 0.0000 | 0.0000 | - |
| **Mass Asbestos in FA** | g | | | - | - | - | - | - | - | 0 | 0 | - |
| **Mass AF** | g | | | - | - | - | - | - | - | 0.0000 | 0.0000 | - |
| **Mass asbestos in AF** | g | | | - | - | - | - | - | - | 0 | 0 | - |
| **Mass Asbestos in FA & AF** | g | | | - | - | - | - | - | - | 0 | 0 | - |
| **ACM - Comment** | Comment | | | - | - | - | - | - | - | 1 | 1 | 0 |
| **FA- Comment** | Comment | | | - | - | - | - | - | - | 1 | 1 | 0 |
| **AF - Comment** | Comment | | | - | - | - | - | - | - | 1 | 1 | 0 |
| **Organic Fibres - Comment** | Comment | | | - | - | - | - | - | - | 1 | 1 | 0 |
| **Respirable Fibres - Comment** | Comment | | | - | - | - | - | - | - | 1 | 1 | 0 |
| **Synthetic Fibres - Comment** | Comment | | | - | - | - | - | - | - | 1 | 1 | 0 |
| **Asbestos Reported Result** | Comment | | | - | - | - | - | - | - | 1 | 1 | 0 |
| **Asbestos FA & AF in Soil** | % (w/w) | | | - | - | - | - | - | - | 0 | 0 | - |
| **Asbestos - Envirolab** | | | | | | | | | | | | |
| **Asbestos ID in Soil** | g/kg | | | - | - | - | - | - | - | - | - | - |
| **Total Asbestos** | g/kg | | | - | - | - | - | - | - | - | - | - |
| **Asbestos (ACM >7mm) Estimation** | % (w/w) | | | - | - | - | - | - | - | - | - | - |
| **Asbestos in soil (<2mm AF/FA) (%w/w)** | % (w/w) | | | - | - | - | - | - | - | - | - | - |
| **Moisture Content** | | | | | | | | | | | | |
| **Moisture Content** | % | 0.1 | | - | 18 | - | - | - | - | - | - | - |
| **Other** | | | | | | | | | | | | |
| **Moisture Content (dried @ 103°C)** | % | 1 | | 16 | - | - | 23 | 14 | 49 | - | - | - |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x I**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | **Lab Report Number** | 1108483 | 354015 | | 1108483 | 354015 | | 1108483 | 1108483 | |
| | | | | **Field ID** | JBTP16_0.0-1.0 | QAAQ20240613_01 | | JBTP16_0.0-1.0 | QAAQ20240613_01 | | JBTP16_1.0-1.1 | QC20240613_01 | |
| | | | | **Matrix Type** | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | | |
| **Metals & Metalloids** | | | | | | | | | | | | | |
| **Arsenic** | mg/kg | 2 | | - | - | - | - | - | - | 9.2 | 6.1 | 41 |
| **Cadmium** | mg/kg | 0.4 | | - | - | - | - | - | - | <0.4 | <0.4 | 0 |
| **Chromium (III+VI)** | mg/kg | 1 | | - | - | - | - | - | - | 18 | 16 | 12 |
| **Copper** | mg/kg | 1 | | - | - | - | - | - | - | 28 | 41 | 38 |
| **Lead** | mg/kg | 1 | | - | - | - | - | - | - | 37 | 48 | 26 |
| **Mercury** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.1 | <0.1 | 0 |
| **Nickel** | mg/kg | 1 | | - | - | - | - | - | - | 18 | 27 | 40 |
| **Zinc** | mg/kg | 1 | | - | - | - | - | - | - | 48 | 73 | 41 |
| **TPHs (NEPC 1999)** | | | | | | | | | | | | |
| **C6-C9 Fraction** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C10-C14 Fraction** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C15-C28 Fraction** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C29-C36 Fraction** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C10-C36 Fraction (Sum of Total)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **TRHs (NEPC 2013)** | | | | | | | | | | | | |
| **C6-C10** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C10-C16** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C16-C34** | mg/kg | 100 | | - | - | - | - | - | - | - | - | - |
| **C34-C40** | mg/kg | 100 | | - | - | - | - | - | - | - | - | - |
| **C10-C40 (Sum of total)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **F1 (C6-C10 minus BTEX)** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **F2 (C10-C16 less Naphthalene)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **BTEXN** | | | | | | | | | | | | |
| **Benzene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Toluene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Ethylbenzene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Xylene (o)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Xylene (m & p)** | mg/kg | 0.2 | | - | - | - | - | - | - | - | - | - |
| **Xylene Total** | mg/kg | 0.3 | | - | - | - | - | - | - | - | - | - |
| **Naphthalene_VOC** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **PAH** | | | | | | | | | | | | |
| **PAHs (Sum of positives)** | µg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **Acenaphthene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Acenaphthylene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Benz(a)anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(a)pyrene** | mg/kg | 0.05 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(a)pyrene TEQ (LOR)** | mg/kg | 0.5 | | - | - | - | - | - | - | 1.2 | 1.2 | 0 |
| **Benzo(a)pyrene TEQ calc (Half)** | mg/kg | 0.5 | | - | - | - | - | - | - | 0.6 | 0.6 | 0 |
| **Benzo(a)pyrene TEQ calc (Zero)** | mg/kg | 0.5 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(b+j)fluoranthene** | mg/kg | 0.5 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(b+j+k)fluoranthene** | mg/kg | 0.2 | | - | - | - | - | - | - | - | - | - |
| **Benzo(g,h,i)perylene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Benzo(k)fluoranthene** | mg/kg | 0.5 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Chrysene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Dibenz(a,h)anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Fluoranthene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Fluorene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Indeno(1,2,3-c,d)pyrene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Naphthalene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Phenanthrene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Pyrene** | mg/kg | 0.1 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **PAHs (Sum of total)** | mg/kg | 0.5 | | - | - | - | - | - | - | <0.5 | <0.5 | 0 |
| **Organochlorine Pesticides** | | | | | | | | | | | | |
| **4,4-DDE** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **a-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **b-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **d-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **g-BHC (Lindane)** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Aldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Aldrin + Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Chlordane** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Chlordane (cis)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Chlordane (trans)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **DDT** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **DDD** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **DDT+DDE+DDD** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan I** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan II** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan sulphate** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 354015 | | 1108483 | 354015 | | 1108483 | 1108483 | |
| | | | **Field ID** | JBTP16_0.0-1.0 | QAAQ20240613_01 | | JBTP16_0.0-1.0 | QAAQ20240613_01 | | JBTP16_1.0-1.1 | QC20240613_01 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Endrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endrin aldehyde** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endrin ketone** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Heptachlor** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Heptachlor Epoxide** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Methoxychlor** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Mirex** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Toxaphene** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | | | | | | | |
| **Arochlor 1016** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1221** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1232** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1242** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1248** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1254** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1260** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **PCBs (Sum of total)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **PFAS** | | | | | | | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoropentanoic acid (PFPeA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorohexanoic acid (PFHxA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoroheptanoic acid (PFHpA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorooctanoic acid (PFOA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorononanoic acid (PFNA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorodecanoic acid (PFDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoroundecanoic acid (PFUnDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorododecanoic acid (PFDoDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorotridecanoic acid (PFTrDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorotetradecanoic acid (PFTeDA)** | mg/kg | 0.005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorooctane sulfonamide (FOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | mg/kg | 0.001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | mg/kg | 0.005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | <0.01 | <0.01 | 0 |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | <0.01 | <0.01 | 0 |
| **Perfluoropropanesulfonic acid (PFPrS)** | mg/kg | 0.005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorobutanesulfonic acid (PFBS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoropentanesulfonic acid (PFPeS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorohexanesulfonic acid (PFHxS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluoroheptane sulfonic acid (PFHpS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorooctanesulfonic acid (PFOS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Perfluorodecanesulfonic acid (PFDS)** | mg/kg | 0.0002 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.01 | <0.01 | 0 |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Sum of PFHxS and PFOS** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | mg/kg | 0.005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Sum of WA DWER PFAS (n=10)*** | mg/KG | 0.01 | | - | - | - | - | - | - | <0.01 | <0.01 | 0 |
| **Sum of PFAS** | mg/kg | 0.0001 | | - | - | - | - | - | - | <0.05 | <0.05 | 0 |
| **Perfluorononanesulfonic acid ion** | mg/kg | 0.005 | | - | - | - | - | - | - | <0.005 | <0.005 | 0 |
| **Chlorinated Benzenes** | | | | | | | | | | | | |
| **Hexachlorobenzene** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **EPA VIC - IWRG621** | | | | | | | | | | | | |
| **Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Other Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Asbestos - Eurofins** | | | | | | | | | | | | |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Lab Report Number | 1108483 | 354015 | | 1108483 | 354015 | | 1108483 | 1108483 | |
| | | | | Field ID | JBTP16_0.0-1.0 | QAAQ20240613_01 | | JBTP16_0.0-1.0 | QAAQ20240613_01 | | JBTP16_1.0-1.1 | QC20240613_01 | |
| | | | | Matrix Type | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | | Date | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | | |
| **Approximate Sample Mass** | g | | | 575 | - | - | 575 | - | - | - | - | - | |
| **Asbestos Sample Dimensions** | Comment | | | - | - | - | - | - | - | - | - | - | |
| **Mass ACM** | g | | | 0.0000 | - | - | 0.0000 | - | - | - | - | - | |
| **Mass Asbestos in ACM** | g | | | 0 | - | - | 0 | - | - | - | - | - | |
| **Asbestos from ACM in Soil** | % (w/w) | | | 0 | - | - | 0 | - | - | - | - | - | |
| **Mass FA** | g | | | 0.0000 | - | - | 0.0000 | - | - | - | - | - | |
| **Mass Asbestos in FA** | g | | | 0 | - | - | 0 | - | - | - | - | - | |
| **Mass AF** | g | | | 0.0000 | - | - | 0.0000 | - | - | - | - | - | |
| **Mass asbestos in AF** | g | | | 0 | - | - | 0 | - | - | - | - | - | |
| **Mass Asbestos in FA & AF** | g | | | 0 | - | - | 0 | - | - | - | - | - | |
| **ACM - Comment** | Comment | | | 1 | - | - | 1 | - | - | - | - | - | |
| **FA- Comment** | Comment | | | 1 | - | - | 1 | - | - | - | - | - | |
| **AF - Comment** | Comment | | | 1 | - | - | 1 | - | - | - | - | - | |
| **Organic Fibres - Comment** | Comment | | | 1 | - | - | 1 | - | - | - | - | - | |
| **Respirable Fibres - Comment** | Comment | | | 1 | - | - | 1 | - | - | - | - | - | |
| **Synthetic Fibres - Comment** | Comment | | | 1 | - | - | 1 | - | - | - | - | - | |
| **Asbestos Reported Result** | Comment | | | 1 | - | - | 1 | - | - | - | - | - | |
| **Asbestos FA & AF in Soil** | % (w/w) | | | 0 | - | - | 0 | - | - | - | - | - | |
| **Asbestos - Envirolab** | | | | | | | | | | | | | |
| **Asbestos ID in Soil** | g/kg | | | - | 0 | - | - | - | - | - | - | - | |
| **Total Asbestos** | g/kg | | | - | <0.1 | - | - | - | - | - | - | - | |
| **Asbestos (ACM >7mm) Estimation** | % (w/w) | | | - | <0.01 | - | - | - | - | - | - | - | |
| **Asbestos in soil (<2mm AF/FA) (%w/w)** | % (w/w) | | | - | <0.001 | - | - | 0 | - | - | - | - | |
| **Moisture Content** | | | | | | | | | | | | | |
| **Moisture Content** | % | 0.1 | | - | - | - | - | - | - | - | - | - | |
| **Other** | | | | | | | | | | | | | |
| **Moisture Content (dried @ 103°C)** | % | 1 | | - | - | - | - | - | - | - | 12 | 15 | 22 |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x l**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Lab Report Number | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | | Field ID | JBTP16_1.0-1.1 | QA20240613_01 | | JBTP19_0.0-1.0 | QCAQ20240613_02 | | JBTP19_0.0-1.0 | QAAQ20240613_02 | |
| | | | | Matrix Type | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | | Date | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | | |
| **Metals & Metalloids** | | | | | | | | | | | | | |
| **Arsenic** | mg/kg | 2 | | 9.2 | 6 | 42 | - | - | - | - | - | - |
| **Cadmium** | mg/kg | 0.4 | | <0.4 | <0.4 | 0 | - | - | - | - | - | - |
| **Chromium (III+VI)** | mg/kg | 1 | | 18 | 20 | 11 | - | - | - | - | - | - |
| **Copper** | mg/kg | 1 | | 28 | 34 | 19 | - | - | - | - | - | - |
| **Lead** | mg/kg | 1 | | 37 | 70 | 62 | - | - | - | - | - | - |
| **Mercury** | mg/kg | 0.1 | | <0.1 | <0.1 | 0 | - | - | - | - | - | - |
| **Nickel** | mg/kg | 1 | | 18 | 26 | 36 | - | - | - | - | - | - |
| **Zinc** | mg/kg | 1 | | 48 | 47 | 2 | - | - | - | - | - | - |
| **TPHs (NEPC 1999)** | | | | | | | | | | | | | |
| **C6-C9 Fraction** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C10-C14 Fraction** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C15-C28 Fraction** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C29-C36 Fraction** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C10-C36 Fraction (Sum of Total)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **TRHs (NEPC 2013)** | | | | | | | | | | | | | |
| **C6-C10** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C10-C16** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C16-C34** | mg/kg | 100 | | - | - | - | - | - | - | - | - | - |
| **C34-C40** | mg/kg | 100 | | - | - | - | - | - | - | - | - | - |
| **C10-C40 (Sum of total)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **F1 (C6-C10 minus BTEX)** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **F2 (C10-C16 less Naphthalene)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **BTEXN** | | | | | | | | | | | | | |
| **Benzene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Toluene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Ethylbenzene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Xylene (o)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Xylene (m & p)** | mg/kg | 0.2 | | - | - | - | - | - | - | - | - | - |
| **Xylene Total** | mg/kg | 0.3 | | - | - | - | - | - | - | - | - | - |
| **Naphthalene_VOC** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **PAH** | | | | | | | | | | | | | |
| **PAHs (Sum of positives)** | µg/kg | 50 | | - | 2,800 | - | - | - | - | - | - | - |
| **Acenaphthene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | - | - | - | - | - | - |
| **Acenaphthylene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | - | - | - | - | - | - |
| **Anthracene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | - | - | - | - | - | - |
| **Benz(a)anthracene** | mg/kg | 0.1 | | <0.5 | 0.3 | 0 | - | - | - | - | - | - |
| **Benzo(a)pyrene** | mg/kg | 0.05 | | <0.5 | 0.3 | 0 | - | - | - | - | - | - |
| **Benzo(a)pyrene TEQ (LOR)** | mg/kg | 0.5 | | 1.2 | <0.5 | 82 | - | - | - | - | - | - |
| **Benzo(a)pyrene TEQ calc (Half)** | mg/kg | 0.5 | | 0.6 | <0.5 | 18 | - | - | - | - | - | - |
| **Benzo(a)pyrene TEQ calc (Zero)** | mg/kg | 0.5 | | <0.5 | <0.5 | 0 | - | - | - | - | - | - |
| **Benzo(b+j)fluoranthene** | mg/kg | 0.5 | | <0.5 | - | - | - | - | - | - | - | - |
| **Benzo(b+j+k)fluoranthene** | mg/kg | 0.2 | | - | 0.5 | - | - | - | - | - | - | - |
| **Benzo(g,h,i)perylene** | mg/kg | 0.1 | | <0.5 | 0.2 | 0 | - | - | - | - | - | - |
| **Benzo(k)fluoranthene** | mg/kg | 0.5 | | <0.5 | - | - | - | - | - | - | - | - |
| **Chrysene** | mg/kg | 0.1 | | <0.5 | 0.2 | 0 | - | - | - | - | - | - |
| **Dibenz(a,h)anthracene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | - | - | - | - | - | - |
| **Fluoranthene** | mg/kg | 0.1 | | <0.5 | 0.5 | 0 | - | - | - | - | - | - |
| **Fluorene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | - | - | - | - | - | - |
| **Indeno(1,2,3-c,d)pyrene** | mg/kg | 0.1 | | <0.5 | 0.3 | 0 | - | - | - | - | - | - |
| **Naphthalene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | - | - | - | - | - | - |
| **Phenanthrene** | mg/kg | 0.1 | | <0.5 | <0.1 | 0 | - | - | - | - | - | - |
| **Pyrene** | mg/kg | 0.1 | | <0.5 | 0.5 | 0 | - | - | - | - | - | - |
| **PAHs (Sum of total)** | mg/kg | 0.5 | | <0.5 | - | - | - | - | - | - | - | - |
| **Organochlorine Pesticides** | | | | | | | | | | | | | |
| **4,4-DDE** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **a-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **b-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **d-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **g-BHC (Lindane)** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Aldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Aldrin + Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Chlordane** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Chlordane (cis)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Chlordane (trans)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **DDT** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **DDD** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **DDT+DDE+DDD** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan I** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan II** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan sulphate** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | **Field ID** | JBTP16_1.0-1.1 | QA20240613_01 | | JBTP19_0.0-1.0 | QCAQ20240613_02 | | JBTP19_0.0-1.0 | QAAQ20240613_02 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Endrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endrin aldehyde** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endrin ketone** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Heptachlor** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Heptachlor Epoxide** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Methoxychlor** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Mirex** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Toxaphene** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | | | | | | | |
| **Arochlor 1016** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1221** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1232** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1242** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1248** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1254** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1260** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **PCBs (Sum of total)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **PFAS** | | | | | | | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **Perfluoropentanoic acid (PFPeA)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **Perfluorohexanoic acid (PFHxA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluoroheptanoic acid (PFHpA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorooctanoic acid (PFOA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorononanoic acid (PFNA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorodecanoic acid (PFDA)** | mg/kg | 0.0005 | | <0.005 | <0.0005 | 0 | - | - | - | - | - | - |
| **Perfluoroundecanoic acid (PFUnDA)** | mg/kg | 0.0005 | | <0.005 | <0.0005 | 0 | - | - | - | - | - | - |
| **Perfluorododecanoic acid (PFDoDA)** | mg/kg | 0.0005 | | <0.005 | <0.0005 | 0 | - | - | - | - | - | - |
| **Perfluorotridecanoic acid (PFTrDA)** | mg/kg | 0.0005 | | <0.005 | <0.0005 | 0 | - | - | - | - | - | - |
| **Perfluorotetradecanoic acid (PFTeDA)** | mg/kg | 0.005 | | <0.005 | <0.005 | 0 | - | - | - | - | - | - |
| **Perfluorooctane sulfonamide (FOSA)** | mg/kg | 0.001 | | <0.005 | <0.001 | 0 | - | - | - | - | - | - |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | mg/kg | 0.001 | | <0.005 | <0.001 | 0 | - | - | - | - | - | - |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | mg/kg | 0.001 | | <0.005 | <0.001 | 0 | - | - | - | - | - | - |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | mg/kg | 0.001 | | <0.005 | <0.001 | 0 | - | - | - | - | - | - |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | mg/kg | 0.005 | | <0.005 | <0.005 | 0 | - | - | - | - | - | - |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | mg/kg | 0.0002 | | <0.01 | <0.0002 | 0 | - | - | - | - | - | - |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | mg/kg | 0.0002 | | <0.01 | <0.0002 | 0 | - | - | - | - | - | - |
| **Perfluoropropanesulfonic acid (PFPrS)** | mg/kg | 0.005 | | <0.005 | - | - | - | - | - | - | - | - |
| **Perfluorobutanesulfonic acid (PFBS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluoropentanesulfonic acid (PFPeS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorohexanesulfonic acid (PFHxS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluoroheptane sulfonic acid (PFHpS)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorooctanesulfonic acid (PFOS)** | mg/kg | 0.0001 | | <0.005 | 0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorodecanesulfonic acid (PFDS)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | mg/kg | 0.0001 | | <0.005 | <0.0001 | 0 | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | mg/kg | 0.0001 | | <0.01 | <0.0001 | 0 | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | mg/kg | 0.0002 | | <0.005 | <0.0002 | 0 | - | - | - | - | - | - |
| **Sum of PFHxS and PFOS** | mg/kg | 0.0001 | | <0.005 | 0.0001 | 0 | - | - | - | - | - | - |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | mg/kg | 0.005 | | <0.005 | - | - | - | - | - | - | - | - |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | mg/kg | 0.0001 | | <0.005 | 0.0001 | 0 | - | - | - | - | - | - |
| **Sum of WA DWER PFAS (n=10)*** | mg/KG | 0.01 | | <0.01 | - | - | - | - | - | - | - | - |
| **Sum of PFAS** | mg/kg | 0.0001 | | <0.05 | 0.0001 | 0 | - | - | - | - | - | - |
| **Perfluorononanesulfonic acid ion** | mg/kg | 0.005 | | <0.005 | - | - | - | - | - | - | - | - |
| **Chlorinated Benzenes** | | | | | | | | | | | | |
| **Hexachlorobenzene** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **EPA VIC - IWRG621** | | | | | | | | | | | | |
| **Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Other Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Asbestos - Eurofins** | | | | | | | | | | | | |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Lab Report Number | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | | Field ID | JBTP16_1.0-1.1 | QA20240613_01 | | JBTP19_0.0-1.0 | QCAQ20240613_02 | | JBTP19_0.0-1.0 | QAAQ20240613_02 | |
| | | | | Matrix Type | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | | Date | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | | |
| **Approximate Sample Mass** | g | | | - | - | - | 690 | 721 | 4 | 690 | - | - |
| **Asbestos Sample Dimensions** | Comment | | | - | - | - | - | - | - | - | - | - |
| **Mass ACM** | g | | | - | - | - | 0.0000 | 0.0000 | - | 0.0000 | - | - |
| **Mass Asbestos in ACM** | g | | | - | - | - | 0 | 0 | - | 0 | - | - |
| **Asbestos from ACM in Soil** | % (w/w) | | | - | - | - | 0 | 0 | - | 0 | - | - |
| **Mass FA** | g | | | - | - | - | 0.0000 | 0.0000 | - | 0.0000 | - | - |
| **Mass Asbestos in FA** | g | | | - | - | - | 0 | 0 | - | 0 | - | - |
| **Mass AF** | g | | | - | - | - | 0.0000 | 0.0000 | - | 0.0000 | - | - |
| **Mass asbestos in AF** | g | | | - | - | - | 0 | 0 | - | 0 | - | - |
| **Mass Asbestos in FA & AF** | g | | | - | - | - | 0 | 0 | - | 0 | - | - |
| **ACM - Comment** | Comment | | | - | - | - | 1 | 1 | 0 | 1 | - | - |
| **FA- Comment** | Comment | | | - | - | - | 1 | 1 | 0 | 1 | - | - |
| **AF - Comment** | Comment | | | - | - | - | 1 | 1 | 0 | 1 | - | - |
| **Organic Fibres - Comment** | Comment | | | - | - | - | 1 | 1 | 0 | 1 | - | - |
| **Respirable Fibres - Comment** | Comment | | | - | - | - | 1 | 1 | 0 | 1 | - | - |
| **Synthetic Fibres - Comment** | Comment | | | - | - | - | 1 | 1 | 0 | 1 | - | - |
| **Asbestos Reported Result** | Comment | | | - | - | - | 1 | 1 | 0 | 1 | - | - |
| **Asbestos FA & AF in Soil** | % (w/w) | | | - | - | - | 0 | 0 | - | 0 | - | - |
| **Asbestos - Envirolab** | | | | | | | | | | | | |
| **Asbestos ID in Soil** | g/kg | | | - | - | - | - | - | - | - | 0 | - |
| **Total Asbestos** | g/kg | | | - | - | - | - | - | - | - | <0.1 | - |
| **Asbestos (ACM >7mm) Estimation** | % (w/w) | | | - | - | - | - | - | - | - | <0.01 | - |
| **Asbestos in soil (<2mm AF/FA) (%w/w)** | % (w/w) | | | - | - | - | - | - | - | - | <0.001 | - |
| **Moisture Content** | | | | | | | | | | | | |
| **Moisture Content** | % | 0.1 | | - | 14 | - | - | - | - | - | - | - |
| **Other** | | | | | | | | | | | | |
| **Moisture Content (dried @ 103°C)** | % | 1 | | 12 | - | - | - | - | - | - | - | - |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x l**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lab Report Number | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | Field ID | JBTP19_0.0-1.0 | QAAQ20240613_02 | | JBTP20_0.4-0.5 | QC20240613_02 | | JBTP20_0.4-0.5 | QA20240613_02 | |
| | | | Matrix Type | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | Date | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Metals & Metalloids** | | | | | | | | | | | | |
| **Arsenic** | mg/kg | 2 | | - | - | - | 6.3 | 5.8 | 8 | 6.3 | <4 | 45 |
| **Cadmium** | mg/kg | 0.4 | | - | - | - | <0.4 | <0.4 | 0 | <0.4 | <0.4 | 0 |
| **Chromium (III+VI)** | mg/kg | 1 | | - | - | - | 23 | 19 | 19 | 23 | 7 | 107 |
| **Copper** | mg/kg | 1 | | - | - | - | 46 | 40 | 14 | 46 | 41 | 11 |
| **Lead** | mg/kg | 1 | | - | - | - | 110 | 81 | 30 | 110 | 35 | 103 |
| **Mercury** | mg/kg | 0.1 | | - | - | - | <0.1 | <0.1 | 0 | <0.1 | <0.1 | 0 |
| **Nickel** | mg/kg | 1 | | - | - | - | 41 | 38 | 8 | 41 | 28 | 38 |
| **Zinc** | mg/kg | 1 | | - | - | - | 82 | 75 | 9 | 82 | 34 | 83 |
| **TPHs (NEPC 1999)** | | | | | | | | | | | | |
| **C6-C9 Fraction** | mg/kg | 20 | | - | - | - | - | <20 | - | - | <25 | - |
| **C10-C14 Fraction** | mg/kg | 20 | | - | - | - | - | <20 | - | - | <50 | - |
| **C15-C28 Fraction** | mg/kg | 50 | | - | - | - | - | <50 | - | - | <100 | - |
| **C29-C36 Fraction** | mg/kg | 50 | | - | - | - | - | <50 | - | - | <100 | - |
| **C10-C36 Fraction (Sum of Total)** | mg/kg | 50 | | - | - | - | - | <50 | - | - | <50 | - |
| **TRHs (NEPC 2013)** | | | | | | | | | | | | |
| **C6-C10** | mg/kg | 20 | | - | - | - | - | <20 | - | - | <25 | - |
| **C10-C16** | mg/kg | 50 | | - | - | - | - | <50 | - | - | <50 | - |
| **C16-C34** | mg/kg | 100 | | - | - | - | - | <100 | - | - | <100 | - |
| **C34-C40** | mg/kg | 100 | | - | - | - | - | <100 | - | - | 150 | - |
| **C10-C40 (Sum of total)** | mg/kg | 50 | | - | - | - | - | <100 | - | - | 150 | - |
| **F1 (C6-C10 minus BTEX)** | mg/kg | 20 | | - | - | - | - | <20 | - | - | <25 | - |
| **F2 (C10-C16 less Naphthalene)** | mg/kg | 50 | | - | - | - | - | <50 | - | - | <50 | - |
| **BTEXN** | | | | | | | | | | | | |
| **Benzene** | mg/kg | 0.1 | | - | - | - | - | <0.1 | - | - | <0.2 | - |
| **Toluene** | mg/kg | 0.1 | | - | - | - | - | <0.1 | - | - | <0.5 | - |
| **Ethylbenzene** | mg/kg | 0.1 | | - | - | - | - | <0.1 | - | - | <1 | - |
| **Xylene (o)** | mg/kg | 0.1 | | - | - | - | - | <0.1 | - | - | <1 | - |
| **Xylene (m & p)** | mg/kg | 0.2 | | - | - | - | - | <0.2 | - | - | <2 | - |
| **Xylene Total** | mg/kg | 0.3 | | - | - | - | - | <0.3 | - | - | <1 | - |
| **Naphthalene_VOC** | mg/kg | 0.5 | | - | - | - | - | <0.5 | - | - | <1 | - |
| **PAH** | | | | | | | | | | | | |
| **PAHs (Sum of positives)** | µg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **Acenaphthene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Acenaphthylene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Benz(a)anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Benzo(a)pyrene** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Benzo(a)pyrene TEQ (LOR)** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Benzo(a)pyrene TEQ calc (Half)** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Benzo(a)pyrene TEQ calc (Zero)** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Benzo(b+j)fluoranthene** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Benzo(b+j+k)fluoranthene** | mg/kg | 0.2 | | - | - | - | - | - | - | - | - | - |
| **Benzo(g,h,i)perylene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Benzo(k)fluoranthene** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Chrysene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Dibenz(a,h)anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Fluoranthene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Fluorene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Indeno(1,2,3-c,d)pyrene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Naphthalene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Phenanthrene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Pyrene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **PAHs (Sum of total)** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Organochlorine Pesticides** | | | | | | | | | | | | |
| **4,4-DDE** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **a-BHC** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **b-BHC** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **d-BHC** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **g-BHC (Lindane)** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Aldrin** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Dieldrin** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Aldrin + Dieldrin** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | - | - |
| **Chlordane** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | - | - |
| **Chlordane (cis)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | <0.1 | - |
| **Chlordane (trans)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | <0.1 | - |
| **DDT** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **DDD** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **DDT+DDE+DDD** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Endosulfan I** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Endosulfan II** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Endosulfan sulphate** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | **Field ID** | JBTP19_0.0-1.0 | QAAQ20240613_02 | | JBTP20_0.4-0.5 | QC20240613_02 | | JBTP20_0.4-0.5 | QA20240613_02 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Endrin** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Endrin aldehyde** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Endrin ketone** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | - | - |
| **Heptachlor** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Heptachlor Epoxide** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Methoxychlor** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Mirex** | mg/kg | 0.1 | | - | - | - | - | - | - | - | <0.1 | - |
| **Toxaphene** | mg/kg | 0.5 | | - | - | - | <10 | <10 | 0 | <10 | - | - |
| **Polychlorinated Biphenyls** | | | | | | | | | | | | |
| **Arochlor 1016** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | <0.1 | 0 |
| **Arochlor 1221** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | <0.1 | 0 |
| **Arochlor 1232** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | <0.1 | 0 |
| **Arochlor 1242** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | <0.1 | 0 |
| **Arochlor 1248** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | <0.1 | 0 |
| **Arochlor 1254** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | <0.1 | 0 |
| **Arochlor 1260** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | <0.1 | 0 |
| **PCBs (Sum of total)** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | <0.1 | 0 |
| **PFAS** | | | | | | | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | mg/kg | 0.0002 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluoropentanoic acid (PFPeA)** | mg/kg | 0.0002 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorohexanoic acid (PFHxA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluoroheptanoic acid (PFHpA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorooctanoic acid (PFOA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorononanoic acid (PFNA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorodecanoic acid (PFDA)** | mg/kg | 0.0005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluoroundecanoic acid (PFUnDA)** | mg/kg | 0.0005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorododecanoic acid (PFDoDA)** | mg/kg | 0.0005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorotridecanoic acid (PFTrDA)** | mg/kg | 0.0005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorotetradecanoic acid (PFTeDA)** | mg/kg | 0.005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorooctane sulfonamide (FOSA)** | mg/kg | 0.001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | mg/kg | 0.001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | mg/kg | 0.001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | mg/kg | 0.001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | mg/kg | 0.005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | mg/kg | 0.0002 | | - | - | - | <0.01 | - | - | <0.01 | - | - |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | mg/kg | 0.0002 | | - | - | - | <0.01 | - | - | <0.01 | - | - |
| **Perfluoropropanesulfonic acid (PFPrS)** | mg/kg | 0.005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorobutanesulfonic acid (PFBS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluoropentanesulfonic acid (PFPeS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorohexanesulfonic acid (PFHxS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluoroheptane sulfonic acid (PFHpS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorooctanesulfonic acid (PFOS)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Perfluorodecanesulfonic acid (PFDS)** | mg/kg | 0.0002 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | <0.01 | - | - | <0.01 | - | - |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Sum of PFHxS and PFOS** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | mg/kg | 0.005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | mg/kg | 0.0001 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Sum of WA DWER PFAS (n=10)*** | mg/KG | 0.01 | | - | - | - | <0.01 | - | - | <0.01 | - | - |
| **Sum of PFAS** | mg/kg | 0.0001 | | - | - | - | <0.05 | - | - | <0.05 | - | - |
| **Perfluorononanesulfonic acid ion** | mg/kg | 0.005 | | - | - | - | <0.005 | - | - | <0.005 | - | - |
| **Chlorinated Benzenes** | | | | | | | | | | | | |
| **Hexachlorobenzene** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **EPA VIC - IWRG621** | | | | | | | | | | | | |
| **Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | - | - |
| **Other Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | <1 | <1 | 0 | <1 | - | - |
| **Asbestos - Eurofins** | | | | | | | | | | | | |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Lab Report Number | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | | Field ID | JBTP19_0.0-1.0 | QAAQ20240613_02 | | JBTP20_0.4-0.5 | QC20240613_02 | | JBTP20_0.4-0.5 | QA20240613_02 | |
| | | | | Matrix Type | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | | Date | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | | |
| **Approximate Sample Mass** | g | | | 690 | - | - | - | - | - | - | - | - |
| **Asbestos Sample Dimensions** | Comment | | | - | - | - | - | - | - | - | - | - |
| **Mass ACM** | g | | | 0.0000 | - | - | - | - | - | - | - | - |
| **Mass Asbestos in ACM** | g | | | 0 | - | - | - | - | - | - | - | - |
| **Asbestos from ACM in Soil** | % (w/w) | | | 0 | - | - | - | - | - | - | - | - |
| **Mass FA** | g | | | 0.0000 | - | - | - | - | - | - | - | - |
| **Mass Asbestos in FA** | g | | | 0 | - | - | - | - | - | - | - | - |
| **Mass AF** | g | | | 0.0000 | - | - | - | - | - | - | - | - |
| **Mass asbestos in AF** | g | | | 0 | - | - | - | - | - | - | - | - |
| **Mass Asbestos in FA & AF** | g | | | 0 | - | - | - | - | - | - | - | - |
| **ACM - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - |
| **FA- Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - |
| **AF - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - |
| **Organic Fibres - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - |
| **Respirable Fibres - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - |
| **Synthetic Fibres - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - |
| **Asbestos Reported Result** | Comment | | | 1 | - | - | - | - | - | - | - | - |
| **Asbestos FA & AF in Soil** | % (w/w) | | | 0 | - | - | - | - | - | - | - | - |
| **Asbestos - Envirolab** | | | | | | | | | | | | |
| **Asbestos ID in Soil** | g/kg | | | - | - | - | - | - | - | - | - | - |
| **Total Asbestos** | g/kg | | | - | - | - | - | - | - | - | - | - |
| **Asbestos (ACM >7mm) Estimation** | % (w/w) | | | - | - | - | - | - | - | - | - | - |
| **Asbestos in soil (<2mm AF/FA) (%w/w)** | % (w/w) | | | - | 0 | - | - | - | - | - | - | - |
| **Moisture Content** | | | | | | | | | | | | |
| **Moisture Content** | % | 0.1 | | - | - | - | - | - | - | - | 22 | - |
| **Other** | | | | | | | | | | | | |
| **Moisture Content (dried @ 103°C)** | % | 1 | | - | - | - | 16 | - | - | 16 | - | - |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x I**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 1108483 | | 1108483 | 354015 | | |
| | | | **Field ID** | JBTP21_0.2-0.5 | QCAQ20240613_03 | | JBTP21_0.2-0.5 | QAAQ20240613_03 | | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | | |
| | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | |
| | Unit | EQL | RPD | | | | | | | |
| **Metals & Metalloids** | | | | | | | | | | |
| **Arsenic** | mg/kg | 2 | | - | - | - | - | - | - | |
| **Cadmium** | mg/kg | 0.4 | | - | - | - | - | - | - | |
| **Chromium (III+VI)** | mg/kg | 1 | | - | - | - | - | - | - | |
| **Copper** | mg/kg | 1 | | - | - | - | - | - | - | |
| **Lead** | mg/kg | 1 | | - | - | - | - | - | - | |
| **Mercury** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Nickel** | mg/kg | 1 | | - | - | - | - | - | - | |
| **Zinc** | mg/kg | 1 | | - | - | - | - | - | - | |
| **TPHs (NEPC 1999)** | | | | | | | | | | |
| **C6-C9 Fraction** | mg/kg | 20 | | - | - | - | - | - | - | |
| **C10-C14 Fraction** | mg/kg | 20 | | - | - | - | - | - | - | |
| **C15-C28 Fraction** | mg/kg | 50 | | - | - | - | - | - | - | |
| **C29-C36 Fraction** | mg/kg | 50 | | - | - | - | - | - | - | |
| **C10-C36 Fraction (Sum of Total)** | mg/kg | 50 | | - | - | - | - | - | - | |
| **TRHs (NEPC 2013)** | | | | | | | | | | |
| **C6-C10** | mg/kg | 20 | | - | - | - | - | - | - | |
| **C10-C16** | mg/kg | 50 | | - | - | - | - | - | - | |
| **C16-C34** | mg/kg | 100 | | - | - | - | - | - | - | |
| **C34-C40** | mg/kg | 100 | | - | - | - | - | - | - | |
| **C10-C40 (Sum of total)** | mg/kg | 50 | | - | - | - | - | - | - | |
| **F1 (C6-C10 minus BTEX)** | mg/kg | 20 | | - | - | - | - | - | - | |
| **F2 (C10-C16 less Naphthalene)** | mg/kg | 50 | | - | - | - | - | - | - | |
| **BTEXN** | | | | | | | | | | |
| **Benzene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Toluene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Ethylbenzene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Xylene (o)** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Xylene (m & p)** | mg/kg | 0.2 | | - | - | - | - | - | - | |
| **Xylene Total** | mg/kg | 0.3 | | - | - | - | - | - | - | |
| **Naphthalene_VOC** | mg/kg | 0.5 | | - | - | - | - | - | - | |
| **PAH** | | | | | | | | | | |
| **PAHs (Sum of positives)** | µg/kg | 50 | | - | - | - | - | - | - | |
| **Acenaphthene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Acenaphthylene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Benz(a)anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Benzo(a)pyrene** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **Benzo(a)pyrene TEQ (LOR)** | mg/kg | 0.5 | | - | - | - | - | - | - | |
| **Benzo(a)pyrene TEQ calc (Half)** | mg/kg | 0.5 | | - | - | - | - | - | - | |
| **Benzo(a)pyrene TEQ calc (Zero)** | mg/kg | 0.5 | | - | - | - | - | - | - | |
| **Benzo(b+j)fluoranthene** | mg/kg | 0.5 | | - | - | - | - | - | - | |
| **Benzo(b+j+k)fluoranthene** | mg/kg | 0.2 | | - | - | - | - | - | - | |
| **Benzo(g,h,i)perylene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Benzo(k)fluoranthene** | mg/kg | 0.5 | | - | - | - | - | - | - | |
| **Chrysene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Dibenz(a,h)anthracene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Fluoranthene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Fluorene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Indeno(1,2,3-c,d)pyrene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Naphthalene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Phenanthrene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Pyrene** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **PAHs (Sum of total)** | mg/kg | 0.5 | | - | - | - | - | - | - | |
| **Organochlorine Pesticides** | | | | | | | | | | |
| **4,4-DDE** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **a-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **b-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **d-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **g-BHC (Lindane)** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **Aldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **Aldrin + Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **Chlordane** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Chlordane (cis)** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **Chlordane (trans)** | mg/kg | 0.1 | | - | - | - | - | - | - | |
| **DDT** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **DDD** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **DDT+DDE+DDD** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **Endosulfan I** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **Endosulfan II** | mg/kg | 0.05 | | - | - | - | - | - | - | |
| **Endosulfan sulphate** | mg/kg | 0.05 | | - | - | - | - | - | - | |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | **Field ID** | JBTP21_0.2-0.5 | QCAQ20240613_03 | | JBTP21_0.2-0.5 | QAAQ20240613_03 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | |
| **Endrin** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Endrin aldehyde** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Endrin ketone** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Heptachlor** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Heptachlor Epoxide** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Methoxychlor** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **Mirex** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Toxaphene** | mg/kg | 0.5 | | - | - | - | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | | | | |
| **Arochlor 1016** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1221** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1232** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1242** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1248** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1254** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Arochlor 1260** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **PCBs (Sum of total)** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **PFAS** | | | | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | mg/kg | 0.0002 | | - | - | - | - | - | - |
| **Perfluoropentanoic acid (PFPeA)** | mg/kg | 0.0002 | | - | - | - | - | - | - |
| **Perfluorohexanoic acid (PFHxA)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluoroheptanoic acid (PFHpA)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluorooctanoic acid (PFOA)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluorononanoic acid (PFNA)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluorodecanoic acid (PFDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - |
| **Perfluoroundecanoic acid (PFUnDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - |
| **Perfluorododecanoic acid (PFDoDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - |
| **Perfluorotridecanoic acid (PFTrDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - |
| **Perfluorotetradecanoic acid (PFTeDA)** | mg/kg | 0.005 | | - | - | - | - | - | - |
| **Perfluorooctane sulfonamide (FOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | mg/kg | 0.001 | | - | - | - | - | - | - |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | mg/kg | 0.005 | | - | - | - | - | - | - |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | mg/kg | 0.0002 | | - | - | - | - | - | - |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | mg/kg | 0.0002 | | - | - | - | - | - | - |
| **Perfluoropropanesulfonic acid (PFPrS)** | mg/kg | 0.005 | | - | - | - | - | - | - |
| **Perfluorobutanesulfonic acid (PFBS)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluoropentanesulfonic acid (PFPeS)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluorohexanesulfonic acid (PFHxS)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluoroheptane sulfonic acid (PFHpS)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluorooctanesulfonic acid (PFOS)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluorodecanesulfonic acid (PFDS)** | mg/kg | 0.0002 | | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | - | - | - |
| **Sum of PFHxS and PFOS** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | mg/kg | 0.005 | | - | - | - | - | - | - |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Sum of WA DWER PFAS (n=10)*** | mg/KG | 0.01 | | - | - | - | - | - | - |
| **Sum of PFAS** | mg/kg | 0.0001 | | - | - | - | - | - | - |
| **Perfluorononanesulfonic acid ion** | mg/kg | 0.005 | | - | - | - | - | - | - |
| **Chlorinated Benzenes** | | | | | | | | | |
| **Hexachlorobenzene** | mg/kg | 0.05 | | - | - | - | - | - | - |
| **EPA VIC - IWRG621** | | | | | | | | | |
| **Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Other Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - |
| **Asbestos - Eurofins** | | | | | | | | | |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | **Field ID** | JBTP21_0.2-0.5 | QCAQ20240613_03 | | JBTP21_0.2-0.5 | QAAQ20240613_03 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | |
| **Approximate Sample Mass** | g | | | 386 | 420 | 8 | 386 | - | - |
| **Asbestos Sample Dimensions** | Comment | | | - | - | - | - | - | - |
| **Mass ACM** | g | | | 0.0000 | 0.0000 | - | 0.0000 | - | - |
| **Mass Asbestos in ACM** | g | | | 0 | 0 | - | 0 | - | - |
| **Asbestos from ACM in Soil** | % (w/w) | | | 0 | 0 | - | 0 | - | - |
| **Mass FA** | g | | | 0.0000 | 0.0000 | - | 0.0000 | - | - |
| **Mass Asbestos in FA** | g | | | 0 | 0 | - | 0 | - | - |
| **Mass AF** | g | | | 0.0000 | 0.0000 | - | 0.0000 | - | - |
| **Mass asbestos in AF** | g | | | 0 | 0 | - | 0 | - | - |
| **Mass Asbestos in FA & AF** | g | | | 0 | 0 | - | 0 | - | - |
| **ACM - Comment** | Comment | | | 1 | 1 | 0 | 1 | - | - |
| **FA- Comment** | Comment | | | 1 | 1 | 0 | 1 | - | - |
| **AF - Comment** | Comment | | | 1 | 1 | 0 | 1 | - | - |
| **Organic Fibres - Comment** | Comment | | | 1 | 1 | 0 | 1 | - | - |
| **Respirable Fibres - Comment** | Comment | | | 1 | 1 | 0 | 1 | - | - |
| **Synthetic Fibres - Comment** | Comment | | | 1 | 1 | 0 | 1 | - | - |
| **Asbestos Reported Result** | Comment | | | 1 | 1 | 0 | 1 | - | - |
| **Asbestos FA & AF in Soil** | % (w/w) | | | 0 | 0 | - | 0 | - | - |
| **Asbestos - Envirolab** | | | | | | | | | |
| **Asbestos ID in Soil** | g/kg | | | - | - | - | - | 0 | - |
| **Total Asbestos** | g/kg | | | - | - | - | - | <0.1 | - |
| **Asbestos (ACM >7mm) Estimation** | % (w/w) | | | - | - | - | - | <0.01 | - |
| **Asbestos in soil (<2mm AF/FA) (%w/w)** | % (w/w) | | | - | - | - | - | <0.001 | - |
| **Moisture Content** | | | | | | | | | |
| **Moisture Content** | % | 0.1 | | - | - | - | - | - | - |
| **Other** | | | | | | | | | |
| **Moisture Content (dried @ 103°C)** | % | 1 | | - | - | - | - | - | - |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x l**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Lab Report Number | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | Field ID | JBTP21_0.2-0.5 | QAAQ20240613_03 | | JBTP21_0.4-0.5 | QC20240613_03 | | JBTP21_0.4-0.5 | QA20240613_03 | |
| | | | Matrix Type | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | Date | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Metals & Metalloids** | | | | | | | | | | | | |
| **Arsenic** | mg/kg | 2 | | - | - | - | - | - | - | - | - | - |
| **Cadmium** | mg/kg | 0.4 | | - | - | - | - | - | - | - | - | - |
| **Chromium (III+VI)** | mg/kg | 1 | | - | - | - | - | - | - | - | - | - |
| **Copper** | mg/kg | 1 | | - | - | - | - | - | - | - | - | - |
| **Lead** | mg/kg | 1 | | - | - | - | - | - | - | - | - | - |
| **Mercury** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Nickel** | mg/kg | 1 | | - | - | - | - | - | - | - | - | - |
| **Zinc** | mg/kg | 1 | | - | - | - | - | - | - | - | - | - |
| **TPHs (NEPC 1999)** | | | | | | | | | | | | |
| **C6-C9 Fraction** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C10-C14 Fraction** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C15-C28 Fraction** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C29-C36 Fraction** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C10-C36 Fraction (Sum of Total)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **TRHs (NEPC 2013)** | | | | | | | | | | | | |
| **C6-C10** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **C10-C16** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **C16-C34** | mg/kg | 100 | | - | - | - | - | - | - | - | - | - |
| **C34-C40** | mg/kg | 100 | | - | - | - | - | - | - | - | - | - |
| **C10-C40 (Sum of total)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **F1 (C6-C10 minus BTEX)** | mg/kg | 20 | | - | - | - | - | - | - | - | - | - |
| **F2 (C10-C16 less Naphthalene)** | mg/kg | 50 | | - | - | - | - | - | - | - | - | - |
| **BTEXN** | | | | | | | | | | | | |
| **Benzene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Toluene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Ethylbenzene** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Xylene (o)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Xylene (m & p)** | mg/kg | 0.2 | | - | - | - | - | - | - | - | - | - |
| **Xylene Total** | mg/kg | 0.3 | | - | - | - | - | - | - | - | - | - |
| **Naphthalene_VOC** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **PAH** | | | | | | | | | | | | |
| **PAHs (Sum of positives)** | µg/kg | 50 | | - | - | - | - | - | - | - | <50 | - |
| **Acenaphthene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Acenaphthylene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Anthracene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Benz(a)anthracene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Benzo(a)pyrene** | mg/kg | 0.05 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.05 | 0 |
| **Benzo(a)pyrene TEQ (LOR)** | mg/kg | 0.5 | | - | - | - | 1.2 | 1.2 | 0 | 1.2 | <0.5 | 82 |
| **Benzo(a)pyrene TEQ calc (Half)** | mg/kg | 0.5 | | - | - | - | 0.6 | 0.6 | 0 | 0.6 | <0.5 | 18 |
| **Benzo(a)pyrene TEQ calc (Zero)** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.5 | 0 |
| **Benzo(b+j)fluoranthene** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | - | - |
| **Benzo(b+j+k)fluoranthene** | mg/kg | 0.2 | | - | - | - | - | - | - | - | <0.2 | - |
| **Benzo(g,h,i)perylene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Benzo(k)fluoranthene** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | - | - |
| **Chrysene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Dibenz(a,h)anthracene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Fluoranthene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Fluorene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Indeno(1,2,3-c,d)pyrene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Naphthalene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Phenanthrene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **Pyrene** | mg/kg | 0.1 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | <0.1 | 0 |
| **PAHs (Sum of total)** | mg/kg | 0.5 | | - | - | - | <0.5 | <0.5 | 0 | <0.5 | - | - |
| **Organochlorine Pesticides** | | | | | | | | | | | | |
| **4,4-DDE** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **a-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **b-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **d-BHC** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **g-BHC (Lindane)** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Aldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Aldrin + Dieldrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Chlordane** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Chlordane (cis)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Chlordane (trans)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **DDT** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **DDD** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **DDT+DDE+DDD** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan I** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan II** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endosulfan sulphate** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | **Field ID** | JBTP21_0.2-0.5 | QAAQ20240613_03 | | JBTP21_0.4-0.5 | QC20240613_03 | | JBTP21_0.4-0.5 | QA20240613_03 | |
| | | | **Matrix Type** | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | |
| **Endrin** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endrin aldehyde** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Endrin ketone** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Heptachlor** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Heptachlor Epoxide** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Methoxychlor** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **Mirex** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Toxaphene** | mg/kg | 0.5 | | - | - | - | - | - | - | - | - | - |
| **Polychlorinated Biphenyls** | | | | | | | | | | | | |
| **Arochlor 1016** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1221** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1232** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1242** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1248** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1254** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Arochlor 1260** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **PCBs (Sum of total)** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **PFAS** | | | | | | | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | - | - | - |
| **Perfluoropentanoic acid (PFPeA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | - | - | - |
| **Perfluorohexanoic acid (PFHxA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluoroheptanoic acid (PFHpA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluorooctanoic acid (PFOA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluorononanoic acid (PFNA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluorodecanoic acid (PFDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - | - | - | - |
| **Perfluoroundecanoic acid (PFUnDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - | - | - | - |
| **Perfluorododecanoic acid (PFDoDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - | - | - | - |
| **Perfluorotridecanoic acid (PFTrDA)** | mg/kg | 0.0005 | | - | - | - | - | - | - | - | - | - |
| **Perfluorotetradecanoic acid (PFTeDA)** | mg/kg | 0.005 | | - | - | - | - | - | - | - | - | - |
| **Perfluorooctane sulfonamide (FOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - | - | - | - |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - | - | - | - |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | mg/kg | 0.001 | | - | - | - | - | - | - | - | - | - |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | mg/kg | 0.001 | | - | - | - | - | - | - | - | - | - |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | mg/kg | 0.005 | | - | - | - | - | - | - | - | - | - |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | - | - | - |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | - | - | - |
| **Perfluoropropanesulfonic acid (PFPrS)** | mg/kg | 0.005 | | - | - | - | - | - | - | - | - | - |
| **Perfluorobutanesulfonic acid (PFBS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluoropentanesulfonic acid (PFPeS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluorohexanesulfonic acid (PFHxS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluoroheptane sulfonic acid (PFHpS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluorooctanesulfonic acid (PFOS)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluorodecanesulfonic acid (PFDS)** | mg/kg | 0.0002 | | - | - | - | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | - | - | - |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | mg/kg | 0.0002 | | - | - | - | - | - | - | - | - | - |
| **Sum of PFHxS and PFOS** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | mg/kg | 0.005 | | - | - | - | - | - | - | - | - | - |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Sum of WA DWER PFAS (n=10)*** | mg/KG | 0.01 | | - | - | - | - | - | - | - | - | - |
| **Sum of PFAS** | mg/kg | 0.0001 | | - | - | - | - | - | - | - | - | - |
| **Perfluorononanesulfonic acid ion** | mg/kg | 0.005 | | - | - | - | - | - | - | - | - | - |
| **Chlorinated Benzenes** | | | | | | | | | | | | |
| **Hexachlorobenzene** | mg/kg | 0.05 | | - | - | - | - | - | - | - | - | - |
| **EPA VIC - IWRG621** | | | | | | | | | | | | |
| **Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Other Organochlorine Pesticides EPAVic** | mg/kg | 0.1 | | - | - | - | - | - | - | - | - | - |
| **Asbestos - Eurofins** | | | | | | | | | | | | |

Field or Interlab Duplicates - Soil
Project Number: 67299
Project Name: Honeman Close Huntingwood , Honeman Close

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | **Lab Report Number** | 1108483 | 354015 | | 1108483 | 1108483 | | 1108483 | 354015 | |
| | | | | **Field ID** | JBTP21_0.2-0.5 | QAAQ20240613_03 | | JBTP21_0.4-0.5 | QC20240613_03 | | JBTP21_0.4-0.5 | QA20240613_03 | |
| | | | | **Matrix Type** | Soil | Soil | | Soil | Soil | | Soil | Soil | |
| | | | | **Date** | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD | 13 Jun 2024 | 13 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | | | | | | | |
| **Approximate Sample Mass** | g | | | 386 | - | - | - | - | - | - | - | - | - |
| **Asbestos Sample Dimensions** | Comment | | | - | - | - | - | - | - | - | - | - | - |
| **Mass ACM** | g | | | 0.0000 | - | - | - | - | - | - | - | - | - |
| **Mass Asbestos in ACM** | g | | | 0 | - | - | - | - | - | - | - | - | - |
| **Asbestos from ACM in Soil** | % (w/w) | | | 0 | - | - | - | - | - | - | - | - | - |
| **Mass FA** | g | | | 0.0000 | - | - | - | - | - | - | - | - | - |
| **Mass Asbestos in FA** | g | | | 0 | - | - | - | - | - | - | - | - | - |
| **Mass AF** | g | | | 0.0000 | - | - | - | - | - | - | - | - | - |
| **Mass asbestos in AF** | g | | | 0 | - | - | - | - | - | - | - | - | - |
| **Mass Asbestos in FA & AF** | g | | | 0 | - | - | - | - | - | - | - | - | - |
| **ACM - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - | - |
| **FA- Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - | - |
| **AF - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - | - |
| **Organic Fibres - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - | - |
| **Respirable Fibres - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - | - |
| **Synthetic Fibres - Comment** | Comment | | | 1 | - | - | - | - | - | - | - | - | - |
| **Asbestos Reported Result** | Comment | | | 1 | - | - | - | - | - | - | - | - | - |
| **Asbestos FA & AF in Soil** | % (w/w) | | | 0 | - | - | - | - | - | - | - | - | - |
| **Asbestos - Envirolab** | | | | | | | | | | | | | |
| **Asbestos ID in Soil** | g/kg | | | - | - | - | - | - | - | - | - | - | - |
| **Total Asbestos** | g/kg | | | - | - | - | - | - | - | - | - | - | - |
| **Asbestos (ACM >7mm) Estimation** | % (w/w) | | | - | - | - | - | - | - | - | - | - | - |
| **Asbestos in soil (<2mm AF/FA) (%w/w)** | % (w/w) | | | - | 0 | - | - | - | - | - | - | - | - |
| **Moisture Content** | | | | | | | | | | | | | |
| **Moisture Content** | % | 0.1 | | - | - | - | - | - | - | - | - | 20 | - |
| **Other** | | | | | | | | | | | | | |
| **Moisture Content (dried @ 103°C)** | % | 1 | | - | - | - | 23 | 18 | 24 | 23 | - | - | |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x l**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

Field or Interlab Duplicates - Water
Project Number: 67299
Project Name: Honeman Close Huntingwood

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1109064 | 1109064 | |
| | | | **Field ID** | JBMW01 | QA02_20240617 | |
| | | | **Matrix Type** | Water | Water | |
| | | | **Date** | 17 Jun 2024 | 17 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | |
| **Metals & Metalloids** | | | | | | |
| **Arsenic (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Cadmium (filtered)** | mg/L | 0.0001 | | <0.0002 | <0.0002 | 0 |
| **Chromium (III+VI) (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Copper (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Lead (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Mercury (filtered)** | mg/L | 0.00005 | | <0.0001 | <0.0001 | 0 |
| **Nickel (filtered)** | mg/L | 0.001 | | 0.001 | <0.001 | 0 |
| **Zinc (filtered)** | mg/L | 0.001 | | <0.005 | <0.005 | 0 |
| **TPHs (NEPC 1999)** | | | | | | |
| **C6-C9 Fraction** | mg/L | 0.01 | | <0.02 | <0.02 | 0 |
| **C10-C14 Fraction** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **C15-C28 Fraction** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C29-C36 Fraction** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C10-C36 Fraction (Sum of Total)** | mg/L | 0.05 | | <0.1 | <0.1 | 0 |
| **TRHs (NEPC 2013)** | | | | | | |
| **C6-C10** | mg/L | 0.01 | | <0.02 | <0.02 | 0 |
| **C10-C16** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **C16-C34** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C34-C40** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C10-C40 (Sum of total)** | mg/L | 0.05 | | <0.1 | <0.1 | 0 |
| **F1 (C6-C10 minus BTEX)** | mg/L | 0.01 | | <0.02 | <0.02 | 0 |
| **F2 (C10-C16 less Naphthalene)** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **BTEXN** | | | | | | |
| **Benzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Toluene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Ethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Xylene (o)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Xylene (m & p)** | mg/L | 0.002 | | <0.002 | <0.002 | 0 |
| **Xylene Total** | mg/L | 0.003 | | <0.003 | <0.003 | 0 |
| **Naphthalene_VOC** | mg/L | 0.001 | | <0.01 | <0.01 | 0 |
| **Chlorinated Alkanes** | | | | | | |
| **1,1,1,2-tetrachloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,1-trichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,2,2-tetrachloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,2-trichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1-dichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2,3-trichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2-dibromo-3-chloropropane** | mg/L | 0.001 | | - | - | - |
| **1,2-dichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2-dichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3-dichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **2,2-dichloropropane** | mg/L | 0.001 | | - | - | - |
| **Bromochloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Carbon tetrachloride** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chloroethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Chloromethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Dichlorodifluoromethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Dichloromethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Trichlorofluoromethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Chlorinated Alkenes** | | | | | | |
| **1,1-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1-dichloropropene** | mg/L | 0.001 | | - | - | - |
| **2-chlorotoluene** | mg/L | 0.001 | | - | - | - |
| **3-chloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **4-chlorotoluene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **cis-1,2-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **cis-1,3-dichloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Tetrachloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **trans-1,2-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **trans-1,3-dichloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Trichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Vinyl Chloride** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Solvents** | | | | | | |
| **Acetone** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **PFAS** | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | µg/L | 0.002 | | <0.005 | <0.005 | 0 |
| **Perfluoropentanoic acid (PFPeA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorohexanoic acid (PFHxA)** | µg/L | 0.0004 | | <0.001 | <0.001 | 0 |
| **Perfluoroheptanoic acid (PFHpA)** | µg/L | 0.0004 | | <0.001 | <0.001 | 0 |
| **Perfluorooctanoic acid (PFOA)** | µg/L | 0.0002 | | <0.001 | <0.001 | 0 |
| **Perfluorononanoic acid (PFNA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorodecanoic acid (PFDA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluoroundecanoic acid (PFUnDA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorododecanoic acid (PFDoDA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorotridecanoic acid (PFTrDA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorotetradecanoic acid (PFTeDA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorooctane sulfonamide (FOSA)** | µg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | µg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | µg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | µg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | µg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | µg/L | 0.002 | | <0.005 | <0.005 | 0 |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | µg/L | 0.002 | | <0.005 | <0.005 | 0 |
| **Perfluoropropanesulfonic acid (PFPrS)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorobutanesulfonic acid (PFBS)** | µg/L | 0.0004 | | 0.002 | 0.001 | 67 |

Field or Interlab Duplicates - Water
Project Number: 67299
Project Name: Honeman Close Huntingwood

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1109064 | 1109064 | |
| | | | **Field ID** | JBMW01 | QA02_20240617 | |
| | | | **Matrix Type** | Water | Water | |
| | | | **Date** | 17 Jun 2024 | 17 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | |
| **Perfluoropentanesulfonic acid (PFPeS)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorohexanesulfonic acid (PFHxS)** | µg/L | 0.0002 | | <0.001 | <0.001 | 0 |
| **Perfluoroheptane sulfonic acid (PFHpS)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorooctanesulfonic acid (PFOS)** | µg/L | 0.0001 | | <0.001 | <0.001 | 0 |
| **Perfluorodecanesulfonic acid (PFDS)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | µg/L | 0.0004 | | <0.005 | <0.005 | 0 |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | µg/L | 0.0004 | | <0.001 | <0.001 | 0 |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Sum of PFHxS and PFOS** | µg/L | 0.0002 | | <0.001 | <0.001 | 0 |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | µg/L | 0.0002 | | <0.001 | <0.001 | 0 |
| **Sum of WA DWER PFAS (n=10)*** | UG/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Sum of PFAS** | µg/L | 0.0002 | | <0.005 | <0.005 | 0 |
| **Perfluorononanesulfonic acid ion** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **MAH** | | | | | | |
| **1,2,4-trimethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3,5-trimethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **n-butylbenzene** | mg/L | 0.001 | | - | - | - |
| **n-propylbenzene** | mg/L | 0.001 | | - | - | - |
| **p-isopropyltoluene** | mg/L | 0.001 | | - | - | - |
| **sec-butylbenzene** | mg/L | 0.001 | | - | - | - |
| **Styrene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **tert-butylbenzene** | mg/L | 0.001 | | - | - | - |
| **Total MAH** | mg/L | 0.003 | | <0.003 | <0.003 | 0 |
| **Bromobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Isopropylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Miscellaneous Hydrocarbons** | | | | | | |
| **1,2-dibromoethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Bromomethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Cyclohexane** | mg/L | 0.001 | | - | - | - |
| **Dibromomethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Iodomethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **4-Methyl-2-pentanone** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Methyl Ethyl Ketone** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Chlorinated Benzenes** | | | | | | |
| **1,2,3-trichlorobenzene** | mg/L | 0.001 | | - | - | - |
| **1,2,4-trichlorobenzene** | mg/L | 0.001 | | - | - | - |
| **1,2-Dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3-dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,4-dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Trihalomethanes** | | | | | | |
| **Dibromochloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chloroform** | mg/L | 0.001 | | <0.005 | <0.005 | 0 |
| **Tribromomethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Bromodichloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Organic Sulfur Compounds** | | | | | | |
| **Carbon disulfide** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Major Cations** | | | | | | |
| **Calcium** | mg/L | 0.5 | | 180 | 170 | 6 |
| **Calcium (filtered)** | mg/L | 0.5 | | - | - | - |
| **Potassium** | mg/L | 0.5 | | 28 | 27 | 4 |
| **Potassium (filtered)** | mg/L | 0.5 | | - | - | - |
| **Magnesium** | mg/L | 0.5 | | 620 | 620 | 0 |
| **Magnesium (filtered)** | mg/L | 0.5 | | - | - | - |
| **Sodium** | mg/L | 0.5 | | 4,000 | 4,000 | 0 |
| **Sodium (filtered)** | mg/L | 0.5 | | - | - | - |
| **Major Anions** | | | | | | |
| **Alkalinity (Carbonate as CaCO3)** | mg/L | 5 | | <20 | <20 | 0 |
| **Alkalinity (Hydroxide) as CaCO3** | mg/L | 5 | | <20 | <20 | 0 |
| **Alkalinity (Bicarbonate as CaCO3)** | mg/L | 5 | | 970 | 990 | 2 |
| **Chloride** | mg/L | 1 | | 8,000 | 7,300 | 9 |
| **Sulphate** | mg/L | 1 | | 550 | 490 | 12 |
| **Ionic Balance** | | | | | | |
| **Alkalinity (total) as CaCO3** | mg/L | 5 | | 970 | 990 | 2 |
| **Electrical Conductivity (Lab)** | µS/cm | 10 | | 24,000 | 23,000 | 4 |
| **Hardness (filtered)** | mgCaCO3/L | 3 | | - | - | - |
| **Ionic Balance** | % | | | - | - | - |
| **pH (Lab)** | pH Units | 0.1 | | 7.0 | 7.0 | 0 |
| **EPA VIC - IWRG621** | | | | | | |
| **Chlorinated Hydrocarbons EPAVic** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Other Chlorinated Hydrocarbons EPAVic** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Inorganics** | | | | | | |
| **Electrical Conductivity (Non Compensated)** | µS/cm | 1 | | - | - | - |
| **Chlorinated Hydrocarbons** | | | | | | |
| **Hexachlorobutadiene** | mg/L | 0.001 | | - | - | - |
| **Other** | | | | | | |
| **TDS** | mg/L | 5 | | 16,000 | 14,000 | 13 |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x EQL); 30 (10 - 30 x EQL); 30 ( > 30 x EQL) )**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row header relate to those used in the primary laboratory**

Field or Interlab Duplicates - Water
Project Number: 67299
Project Name: Honeman Close Huntingwood

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1109064 | 354361 | |
| | | | **Field ID** | JBMW01 | QC02_20240617 | |
| | | | **Matrix Type** | Water | Water | |
| | | | **Date** | 17 Jun 2024 | 17 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | |
| **Metals & Metalloids** | | | | | | |
| **Arsenic (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Cadmium (filtered)** | mg/L | 0.0001 | | <0.0002 | <0.0001 | 0 |
| **Chromium (III+VI) (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Copper (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Lead (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Mercury (filtered)** | mg/L | 0.00005 | | <0.0001 | <0.00005 | 0 |
| **Nickel (filtered)** | mg/L | 0.001 | | 0.001 | 0.004 | 120 |
| **Zinc (filtered)** | mg/L | 0.001 | | <0.005 | 0.004 | 0 |
| **TPHs (NEPC 1999)** | | | | | | |
| **C6-C9 Fraction** | mg/L | 0.01 | | <0.02 | <0.01 | 0 |
| **C10-C14 Fraction** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **C15-C28 Fraction** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C29-C36 Fraction** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C10-C36 Fraction (Sum of Total)** | mg/L | 0.05 | | <0.1 | <0.05 | 0 |
| **TRHs (NEPC 2013)** | | | | | | |
| **C6-C10** | mg/L | 0.01 | | <0.02 | <0.01 | 0 |
| **C10-C16** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **C16-C34** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C34-C40** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C10-C40 (Sum of total)** | mg/L | 0.05 | | <0.1 | <0.05 | 0 |
| **F1 (C6-C10 minus BTEX)** | mg/L | 0.01 | | <0.02 | <0.01 | 0 |
| **F2 (C10-C16 less Naphthalene)** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **BTEXN** | | | | | | |
| **Benzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Toluene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Ethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Xylene (o)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Xylene (m & p)** | mg/L | 0.002 | | <0.002 | <0.002 | 0 |
| **Xylene Total** | mg/L | 0.003 | | <0.003 | - | - |
| **Naphthalene_VOC** | mg/L | 0.001 | | <0.01 | <0.001 | 0 |
| **Chlorinated Alkanes** | | | | | | |
| **1,1,1,2-tetrachloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,1-trichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,2,2-tetrachloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,2-trichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1-dichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2,3-trichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2-dibromo-3-chloropropane** | mg/L | 0.001 | | - | <0.001 | - |
| **1,2-dichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2-dichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3-dichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **2,2-dichloropropane** | mg/L | 0.001 | | - | <0.001 | - |
| **Bromochloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Carbon tetrachloride** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chloroethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Chloromethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Dichlorodifluoromethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Dichloromethane** | mg/L | 0.005 | | <0.005 | - | - |
| **Trichlorofluoromethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Chlorinated Alkenes** | | | | | | |
| **1,1-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1-dichloropropene** | mg/L | 0.001 | | - | <0.001 | - |
| **2-chlorotoluene** | mg/L | 0.001 | | - | <0.001 | - |
| **3-chloropropene** | mg/L | 0.001 | | <0.001 | - | - |
| **4-chlorotoluene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **cis-1,2-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **cis-1,3-dichloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Tetrachloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **trans-1,2-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **trans-1,3-dichloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Trichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Vinyl Chloride** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Solvents** | | | | | | |
| **Acetone** | mg/L | 0.005 | | <0.005 | - | - |
| **PFAS** | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | µg/L | 0.002 | | <0.005 | <0.01 | 0 |
| **Perfluoropentanoic acid (PFPeA)** | µg/L | 0.001 | | <0.001 | <0.002 | 0 |
| **Perfluorohexanoic acid (PFHxA)** | µg/L | 0.0004 | | <0.001 | <0.0004 | 0 |
| **Perfluoroheptanoic acid (PFHpA)** | µg/L | 0.0004 | | <0.001 | <0.0004 | 0 |
| **Perfluorooctanoic acid (PFOA)** | µg/L | 0.0002 | | <0.001 | <0.0002 | 0 |
| **Perfluorononanoic acid (PFNA)** | µg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Perfluorodecanoic acid (PFDA)** | µg/L | 0.001 | | <0.001 | <0.002 | 0 |
| **Perfluoroundecanoic acid (PFUnDA)** | µg/L | 0.001 | | <0.001 | <0.002 | 0 |
| **Perfluorododecanoic acid (PFDoDA)** | µg/L | 0.001 | | <0.001 | <0.005 | 0 |
| **Perfluorotridecanoic acid (PFTrDA)** | µg/L | 0.001 | | <0.001 | <0.01 | 0 |
| **Perfluorotetradecanoic acid (PFTeDA)** | µg/L | 0.001 | | <0.001 | <0.05 | 0 |
| **Perfluorooctane sulfonamide (FOSA)** | µg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | µg/L | 0.005 | | <0.005 | <0.05 | 0 |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | µg/L | 0.005 | | <0.005 | <0.1 | 0 |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | µg/L | 0.005 | | <0.005 | <0.05 | 0 |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | µg/L | 0.005 | | <0.005 | <0.5 | 0 |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | µg/L | 0.002 | | <0.005 | <0.002 | 0 |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | µg/L | 0.002 | | <0.005 | <0.002 | 0 |
| **Perfluoropropanesulfonic acid (PFPrS)** | µg/L | 0.001 | | <0.001 | - | - |
| **Perfluorobutanesulfonic acid (PFBS)** | µg/L | 0.0004 | | 0.002 | <0.0004 | 133 |

Field or Interlab Duplicates - Water
Project Number: 67299
Project Name: Honeman Close Huntingwood

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | **Lab Report Number** | 1109064 | 354361 | |
| | | | | **Field ID** | JBMW01 | QC02_20240617 | |
| | | | | **Matrix Type** | Water | Water | |
| | | | | **Date** | 17 Jun 2024 | 17 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | | |
| **Perfluoropentanesulfonic acid (PFPeS)** | µg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Perfluorohexanesulfonic acid (PFHxS)** | µg/L | 0.0002 | | | <0.001 | <0.0002 | 0 |
| **Perfluoroheptane sulfonic acid (PFHpS)** | µg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Perfluorooctanesulfonic acid (PFOS)** | µg/L | 0.0001 | | | <0.001 | <0.0002 | 0 |
| **Perfluorodecanesulfonic acid (PFDS)** | µg/L | 0.001 | | | <0.001 | <0.002 | 0 |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | µg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | µg/L | 0.0004 | | | <0.005 | <0.0004 | 0 |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | µg/L | 0.0004 | | | <0.001 | <0.0004 | 0 |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | µg/L | 0.001 | | | <0.001 | <0.002 | 0 |
| **Sum of PFHxS and PFOS** | µg/L | 0.0002 | | | <0.001 | <0.0002 | 0 |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | µg/L | 0.001 | | | <0.001 | - | - |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | µg/L | 0.0002 | | | <0.001 | <0.0002 | 0 |
| **Sum of WA DWER PFAS (n=10)*** | UG/L | 0.005 | | | <0.005 | - | - |
| **Sum of PFAS** | µg/L | 0.0002 | | | <0.005 | <0.0002 | 0 |
| **Perfluorononanesulfonic acid ion** | µg/L | 0.001 | | | <0.001 | - | - |
| **MAH** | | | | | | | |
| **1,2,4-trimethylbenzene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **1,3,5-trimethylbenzene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **n-butylbenzene** | mg/L | 0.001 | | | - | <0.001 | - |
| **n-propylbenzene** | mg/L | 0.001 | | | - | <0.001 | - |
| **p-isopropyltoluene** | mg/L | 0.001 | | | - | <0.001 | - |
| **sec-butylbenzene** | mg/L | 0.001 | | | - | <0.001 | - |
| **Styrene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **tert-butylbenzene** | mg/L | 0.001 | | | - | <0.001 | - |
| **Total MAH** | mg/L | 0.003 | | | <0.003 | - | - |
| **Bromobenzene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Isopropylbenzene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Miscellaneous Hydrocarbons** | | | | | | | |
| **1,2-dibromoethane** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Bromomethane** | mg/L | 0.005 | | | <0.005 | <0.01 | 0 |
| **Cyclohexane** | mg/L | 0.001 | | | - | <0.001 | - |
| **Dibromomethane** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Iodomethane** | mg/L | 0.001 | | | <0.001 | - | - |
| **4-Methyl-2-pentanone** | mg/L | 0.005 | | | <0.005 | - | - |
| **Methyl Ethyl Ketone** | mg/L | 0.005 | | | <0.005 | - | - |
| **Chlorinated Benzenes** | | | | | | | |
| **1,2,3-trichlorobenzene** | mg/L | 0.001 | | | - | <0.001 | - |
| **1,2,4-trichlorobenzene** | mg/L | 0.001 | | | - | <0.001 | - |
| **1,2-Dichlorobenzene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **1,3-dichlorobenzene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **1,4-dichlorobenzene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Chlorobenzene** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Trihalomethanes** | | | | | | | |
| **Dibromochloromethane** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Chloroform** | mg/L | 0.001 | | | <0.005 | <0.001 | 0 |
| **Tribromomethane** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Bromodichloromethane** | mg/L | 0.001 | | | <0.001 | <0.001 | 0 |
| **Organic Sulfur Compounds** | | | | | | | |
| **Carbon disulfide** | mg/L | 0.001 | | | <0.001 | - | - |
| **Major Cations** | | | | | | | |
| **Calcium** | mg/L | 0.5 | | | 180 | - | - |
| **Calcium (filtered)** | mg/L | 0.5 | | | - | 150 | - |
| **Potassium** | mg/L | 0.5 | | | 28 | - | - |
| **Potassium (filtered)** | mg/L | 0.5 | | | - | 32 | - |
| **Magnesium** | mg/L | 0.5 | | | 620 | - | - |
| **Magnesium (filtered)** | mg/L | 0.5 | | | - | 550 | - |
| **Sodium** | mg/L | 0.5 | | | 4,000 | - | - |
| **Sodium (filtered)** | mg/L | 0.5 | | | - | 3,600 | - |
| **Major Anions** | | | | | | | |
| **Alkalinity (Carbonate as CaCO3)** | mg/L | 5 | | | <20 | <5 | 0 |
| **Alkalinity (Hydroxide) as CaCO3** | mg/L | 5 | | | <20 | <5 | 0 |
| **Alkalinity (Bicarbonate as CaCO3)** | mg/L | 5 | | | 970 | 1,000 | 3 |
| **Chloride** | mg/L | 1 | | | 8,000 | 6,600 | 19 |
| **Sulphate** | mg/L | 1 | | | 550 | 530 | 4 |
| **Ionic Balance** | | | | | | | |
| **Alkalinity (total) as CaCO3** | mg/L | 5 | | | 970 | 1,000 | 3 |
| **Electrical Conductivity (Lab)** | µS/cm | 10 | | | 24,000 | - | - |
| **Hardness (filtered)** | mgCaCO3/L | 3 | | | - | 2,700 | - |
| **Ionic Balance** | % | | | | - | -2.0 | - |
| **pH (Lab)** | pH Units | 0.1 | | | 7.0 | 6.9 | 1 |
| **EPA VIC - IWRG621** | | | | | | | |
| **Chlorinated Hydrocarbons EPAVic** | mg/L | 0.005 | | | <0.005 | - | - |
| **Other Chlorinated Hydrocarbons EPAVic** | mg/L | 0.005 | | | <0.005 | - | - |
| **Inorganics** | | | | | | | |
| **Electrical Conductivity (Non Compensated)** | µS/cm | 1 | | | - | 20,000 | - |
| **Chlorinated Hydrocarbons** | | | | | | | |
| **Hexachlorobutadiene** | mg/L | 0.001 | | | - | <0.001 | - |
| **Other** | | | | | | | |
| **TDS** | mg/L | 5 | | | 16,000 | 14,000 | 13 |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x E**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

Field or Interlab Duplicates - Water
Project Number: 67299
Project Name: Honeman Close Huntingwood

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1109064 | 1109064 | |
| | | | **Field ID** | SW04 | QA01_20240617 | |
| | | | **Matrix Type** | Water | Water | |
| | | | **Date** | 17 Jun 2024 | 17 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | |
| **Metals & Metalloids** | | | | | | |
| **Arsenic (filtered)** | mg/L | 0.001 | | 0.001 | <0.001 | 0 |
| **Cadmium (filtered)** | mg/L | 0.0001 | | <0.0002 | <0.0002 | 0 |
| **Chromium (III+VI) (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Copper (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Lead (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Mercury (filtered)** | mg/L | 0.00005 | | <0.0001 | <0.0001 | 0 |
| **Nickel (filtered)** | mg/L | 0.001 | | 0.004 | 0.003 | 29 |
| **Zinc (filtered)** | mg/L | 0.001 | | 0.011 | 0.010 | 10 |
| **TPHs (NEPC 1999)** | | | | | | |
| **C6-C9 Fraction** | mg/L | 0.01 | | 0.02 | <0.02 | 0 |
| **C10-C14 Fraction** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **C15-C28 Fraction** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C29-C36 Fraction** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C10-C36 Fraction (Sum of Total)** | mg/L | 0.05 | | <0.1 | <0.1 | 0 |
| **TRHs (NEPC 2013)** | | | | | | |
| **C6-C10** | mg/L | 0.01 | | 0.03 | 0.03 | 0 |
| **C10-C16** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **C16-C34** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C34-C40** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C10-C40 (Sum of total)** | mg/L | 0.05 | | <0.1 | <0.1 | 0 |
| **F1 (C6-C10 minus BTEX)** | mg/L | 0.01 | | 0.03 | 0.03 | 0 |
| **F2 (C10-C16 less Naphthalene)** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **BTEXN** | | | | | | |
| **Benzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Toluene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Ethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Xylene (o)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Xylene (m & p)** | mg/L | 0.002 | | <0.002 | <0.002 | 0 |
| **Xylene Total** | mg/L | 0.003 | | <0.003 | <0.003 | 0 |
| **Naphthalene_VOC** | mg/L | 0.001 | | <0.01 | <0.01 | 0 |
| **Chlorinated Alkanes** | | | | | | |
| **1,1,1,2-tetrachloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,1-trichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,2,2-tetrachloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,2-trichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1-dichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2,3-trichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2-dibromo-3-chloropropane** | mg/L | 0.001 | | - | - | - |
| **1,2-dichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2-dichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3-dichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **2,2-dichloropropane** | mg/L | 0.001 | | - | - | - |
| **Bromochloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Carbon tetrachloride** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chloroethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Chloromethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Dichlorodifluoromethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Dichloromethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Trichlorofluoromethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Chlorinated Alkenes** | | | | | | |
| **1,1-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1-dichloropropene** | mg/L | 0.001 | | - | - | - |
| **2-chlorotoluene** | mg/L | 0.001 | | - | - | - |
| **3-chloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **4-chlorotoluene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **cis-1,2-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **cis-1,3-dichloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Tetrachloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **trans-1,2-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **trans-1,3-dichloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Trichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Vinyl Chloride** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Solvents** | | | | | | |
| **Acetone** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **PFAS** | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | µg/L | 0.002 | | <0.1 | <0.1 | 0 |
| **Perfluoropentanoic acid (PFPeA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorohexanoic acid (PFHxA)** | µg/L | 0.0004 | | <0.1 | <0.1 | 0 |
| **Perfluoroheptanoic acid (PFHpA)** | µg/L | 0.0004 | | <0.1 | <0.1 | 0 |
| **Perfluorooctanoic acid (PFOA)** | µg/L | 0.0002 | | <0.1 | <0.1 | 0 |
| **Perfluorononanoic acid (PFNA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorodecanoic acid (PFDA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluoroundecanoic acid (PFUnDA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorododecanoic acid (PFDoDA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorotridecanoic acid (PFTrDA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorotetradecanoic acid (PFTeDA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorooctane sulfonamide (FOSA)** | µg/L | 0.005 | | <0.1 | <0.1 | 0 |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | µg/L | 0.005 | | <0.1 | <0.1 | 0 |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | µg/L | 0.005 | | <0.1 | <0.1 | 0 |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | µg/L | 0.005 | | <0.1 | <0.1 | 0 |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | µg/L | 0.005 | | <0.1 | <0.1 | 0 |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | µg/L | 0.002 | | <0.1 | <0.1 | 0 |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | µg/L | 0.002 | | <0.1 | <0.1 | 0 |
| **Perfluoropropanesulfonic acid (PFPrS)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorobutanesulfonic acid (PFBS)** | µg/L | 0.0004 | | <0.1 | <0.1 | 0 |

Field or Interlab Duplicates - Water
Project Number: 67299
Project Name: Honeman Close Huntingwood

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1109064 | 1109064 | |
| | | | **Field ID** | SW04 | QA01_20240617 | |
| | | | **Matrix Type** | Water | Water | |
| | | | **Date** | 17 Jun 2024 | 17 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | |
| **Perfluoropentanesulfonic acid (PFPeS)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorohexanesulfonic acid (PFHxS)** | µg/L | 0.0002 | | <0.1 | <0.1 | 0 |
| **Perfluoroheptane sulfonic acid (PFHpS)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Perfluorooctanesulfonic acid (PFOS)** | µg/L | 0.0001 | | <0.1 | <0.1 | 0 |
| **Perfluorodecanesulfonic acid (PFDS)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | µg/L | 0.0004 | | <0.1 | <0.1 | 0 |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | µg/L | 0.0004 | | <0.1 | <0.1 | 0 |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Sum of PFHxS and PFOS** | µg/L | 0.0002 | | <0.1 | <0.1 | 0 |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | µg/L | 0.0002 | | <0.1 | <0.1 | 0 |
| **Sum of WA DWER PFAS (n=10)*** | UG/L | 0.005 | | <0.1 | <0.1 | 0 |
| **Sum of PFAS** | µg/L | 0.0002 | | <0.1 | <0.1 | 0 |
| **Perfluorononanesulfonic acid ion** | µg/L | 0.001 | | <0.1 | <0.1 | 0 |
| **MAH** | | | | | | |
| **1,2,4-trimethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3,5-trimethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **n-butylbenzene** | mg/L | 0.001 | | - | - | - |
| **n-propylbenzene** | mg/L | 0.001 | | - | - | - |
| **p-isopropyltoluene** | mg/L | 0.001 | | - | - | - |
| **sec-butylbenzene** | mg/L | 0.001 | | - | - | - |
| **Styrene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **tert-butylbenzene** | mg/L | 0.001 | | - | - | - |
| **Total MAH** | mg/L | 0.003 | | <0.003 | <0.003 | 0 |
| **Bromobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Isopropylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Miscellaneous Hydrocarbons** | | | | | | |
| **1,2-dibromoethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Bromomethane** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Cyclohexane** | mg/L | 0.001 | | - | - | - |
| **Dibromomethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Iodomethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **4-Methyl-2-pentanone** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Methyl Ethyl Ketone** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Chlorinated Benzenes** | | | | | | |
| **1,2,3-trichlorobenzene** | mg/L | 0.001 | | - | - | - |
| **1,2,4-trichlorobenzene** | mg/L | 0.001 | | - | - | - |
| **1,2-Dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3-dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,4-dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Trihalomethanes** | | | | | | |
| **Dibromochloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chloroform** | mg/L | 0.001 | | <0.005 | <0.005 | 0 |
| **Tribromomethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Bromodichloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Organic Sulfur Compounds** | | | | | | |
| **Carbon disulfide** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Major Cations** | | | | | | |
| **Calcium** | mg/L | 0.5 | | 110 | 130 | 17 |
| **Calcium (filtered)** | mg/L | 0.5 | | - | - | - |
| **Potassium** | mg/L | 0.5 | | 5.5 | 10 | 58 |
| **Potassium (filtered)** | mg/L | 0.5 | | - | - | - |
| **Magnesium** | mg/L | 0.5 | | 270 | 270 | 0 |
| **Magnesium (filtered)** | mg/L | 0.5 | | - | - | - |
| **Sodium** | mg/L | 0.5 | | 2,000 | 1,900 | 5 |
| **Sodium (filtered)** | mg/L | 0.5 | | - | - | - |
| **Major Anions** | | | | | | |
| **Alkalinity (Carbonate as CaCO3)** | mg/L | 5 | | <20 | <20 | 0 |
| **Alkalinity (Hydroxide) as CaCO3** | mg/L | 5 | | <20 | <20 | 0 |
| **Alkalinity (Bicarbonate as CaCO3)** | mg/L | 5 | | 240 | 300 | 22 |
| **Chloride** | mg/L | 1 | | 3,900 | 3,600 | 8 |
| **Sulphate** | mg/L | 1 | | 290 | 270 | 7 |
| **Ionic Balance** | | | | | | |
| **Alkalinity (total) as CaCO3** | mg/L | 5 | | 240 | 300 | 22 |
| **Electrical Conductivity (Lab)** | µS/cm | 10 | | 12,000 | 12,000 | 0 |
| **Hardness (filtered)** | mgCaCO3/L | 3 | | - | - | - |
| **Ionic Balance** | % | | | - | - | - |
| **pH (Lab)** | pH Units | 0.1 | | 6.7 | 6.8 | 1 |
| **EPA VIC - IWRG621** | | | | | | |
| **Chlorinated Hydrocarbons EPAVic** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Other Chlorinated Hydrocarbons EPAVic** | mg/L | 0.005 | | <0.005 | <0.005 | 0 |
| **Inorganics** | | | | | | |
| **Electrical Conductivity (Non Compensated)** | µS/cm | 1 | | - | - | - |
| **Chlorinated Hydrocarbons** | | | | | | |
| **Hexachlorobutadiene** | mg/L | 0.001 | | - | - | - |
| **Other** | | | | | | |
| **TDS** | mg/L | 5 | | 7,500 | 7,700 | 3 |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x E**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

Field or Interlab Duplicates - Water
Project Number: 67299
Project Name: Honeman Close Huntingwood

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1109064 | 354361 | |
| | | | **Field ID** | SW04 | QC01_20240617 | |
| | | | **Matrix Type** | Water | Water | |
| | | | **Date** | 17 Jun 2024 | 17 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | |
| **Metals & Metalloids** | | | | | | |
| **Arsenic (filtered)** | mg/L | 0.001 | | 0.001 | <0.001 | 0 |
| **Cadmium (filtered)** | mg/L | 0.0001 | | <0.0002 | <0.0001 | 0 |
| **Chromium (III+VI) (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Copper (filtered)** | mg/L | 0.001 | | <0.001 | 0.001 | 0 |
| **Lead (filtered)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Mercury (filtered)** | mg/L | 0.00005 | | <0.0001 | <0.00005 | 0 |
| **Nickel (filtered)** | mg/L | 0.001 | | 0.004 | 0.005 | 22 |
| **Zinc (filtered)** | mg/L | 0.001 | | 0.011 | 0.014 | 24 |
| **TPHs (NEPC 1999)** | | | | | | |
| **C6-C9 Fraction** | mg/L | 0.01 | | 0.02 | <0.01 | 67 |
| **C10-C14 Fraction** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **C15-C28 Fraction** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C29-C36 Fraction** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C10-C36 Fraction (Sum of Total)** | mg/L | 0.05 | | <0.1 | <0.05 | 0 |
| **TRHs (NEPC 2013)** | | | | | | |
| **C6-C10** | mg/L | 0.01 | | 0.03 | <0.01 | 100 |
| **C10-C16** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **C16-C34** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C34-C40** | mg/L | 0.1 | | <0.1 | <0.1 | 0 |
| **C10-C40 (Sum of total)** | mg/L | 0.05 | | <0.1 | <0.05 | 0 |
| **F1 (C6-C10 minus BTEX)** | mg/L | 0.01 | | 0.03 | <0.01 | 100 |
| **F2 (C10-C16 less Naphthalene)** | mg/L | 0.05 | | <0.05 | <0.05 | 0 |
| **BTEXN** | | | | | | |
| **Benzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Toluene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Ethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Xylene (o)** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Xylene (m & p)** | mg/L | 0.002 | | <0.002 | <0.002 | 0 |
| **Xylene Total** | mg/L | 0.003 | | <0.003 | - | - |
| **Naphthalene_VOC** | mg/L | 0.001 | | <0.01 | <0.001 | 0 |
| **Chlorinated Alkanes** | | | | | | |
| **1,1,1,2-tetrachloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,1-trichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,2,2-tetrachloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1,2-trichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1-dichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2,3-trichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2-dibromo-3-chloropropane** | mg/L | 0.001 | | - | <0.001 | - |
| **1,2-dichloroethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,2-dichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3-dichloropropane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **2,2-dichloropropane** | mg/L | 0.001 | | - | <0.001 | - |
| **Bromochloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Carbon tetrachloride** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chloroethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Chloromethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Dichlorodifluoromethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Dichloromethane** | mg/L | 0.005 | | <0.005 | - | - |
| **Trichlorofluoromethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Chlorinated Alkenes** | | | | | | |
| **1,1-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,1-dichloropropene** | mg/L | 0.001 | | - | <0.001 | - |
| **2-chlorotoluene** | mg/L | 0.001 | | - | <0.001 | - |
| **3-chloropropene** | mg/L | 0.001 | | <0.001 | - | - |
| **4-chlorotoluene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **cis-1,2-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **cis-1,3-dichloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Tetrachloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **trans-1,2-dichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **trans-1,3-dichloropropene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Trichloroethene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Vinyl Chloride** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Solvents** | | | | | | |
| **Acetone** | mg/L | 0.005 | | <0.005 | - | - |
| **PFAS** | | | | | | |
| **Perfluorobutanoic acid (PFBA)** | µg/L | 0.002 | | <0.1 | <0.02 | 0 |
| **Perfluoropentanoic acid (PFPeA)** | µg/L | 0.001 | | <0.1 | 0.002 | 0 |
| **Perfluorohexanoic acid (PFHxA)** | µg/L | 0.0004 | | <0.1 | 0.002 | 0 |
| **Perfluoroheptanoic acid (PFHpA)** | µg/L | 0.0004 | | <0.1 | 0.0008 | 0 |
| **Perfluorooctanoic acid (PFOA)** | µg/L | 0.0002 | | <0.1 | 0.002 | 0 |
| **Perfluorononanoic acid (PFNA)** | µg/L | 0.001 | | <0.1 | <0.001 | 0 |
| **Perfluorodecanoic acid (PFDA)** | µg/L | 0.001 | | <0.1 | <0.002 | 0 |
| **Perfluoroundecanoic acid (PFUnDA)** | µg/L | 0.001 | | <0.1 | <0.002 | 0 |
| **Perfluorododecanoic acid (PFDoDA)** | µg/L | 0.001 | | <0.1 | <0.005 | 0 |
| **Perfluorotridecanoic acid (PFTrDA)** | µg/L | 0.001 | | <0.1 | <0.01 | 0 |
| **Perfluorotetradecanoic acid (PFTeDA)** | µg/L | 0.001 | | <0.1 | <0.05 | 0 |
| **Perfluorooctane sulfonamide (FOSA)** | µg/L | 0.005 | | <0.1 | <0.01 | 0 |
| **N-Methyl perfluorooctane sulfonamide (NMeFOSA)** | µg/L | 0.005 | | <0.1 | <0.05 | 0 |
| **N-Ethyl perfluorooctane sulfonamide (NEtFOSA)** | µg/L | 0.005 | | <0.1 | <0.1 | 0 |
| **N-Methylperfluorooctanesulfonamidoethanol (N-MeFOSE)** | µg/L | 0.005 | | <0.1 | <0.05 | 0 |
| **N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)** | µg/L | 0.005 | | <0.1 | <0.5 | 0 |
| **N-methylperfluorooctane sulfonamidoacetic acid (NMeFOSAA)** | µg/L | 0.002 | | <0.1 | <0.002 | 0 |
| **N-ethyl-perfluorooctanesulfonamidoacetic acid (NEtFOSAA)** | µg/L | 0.002 | | <0.1 | <0.002 | 0 |
| **Perfluoropropanesulfonic acid (PFPrS)** | µg/L | 0.001 | | <0.1 | - | - |
| **Perfluorobutanesulfonic acid (PFBS)** | µg/L | 0.0004 | | <0.1 | 0.001 | 0 |

Field or Interlab Duplicates - Water
Project Number: 67299
Project Name: Honeman Close Huntingwood

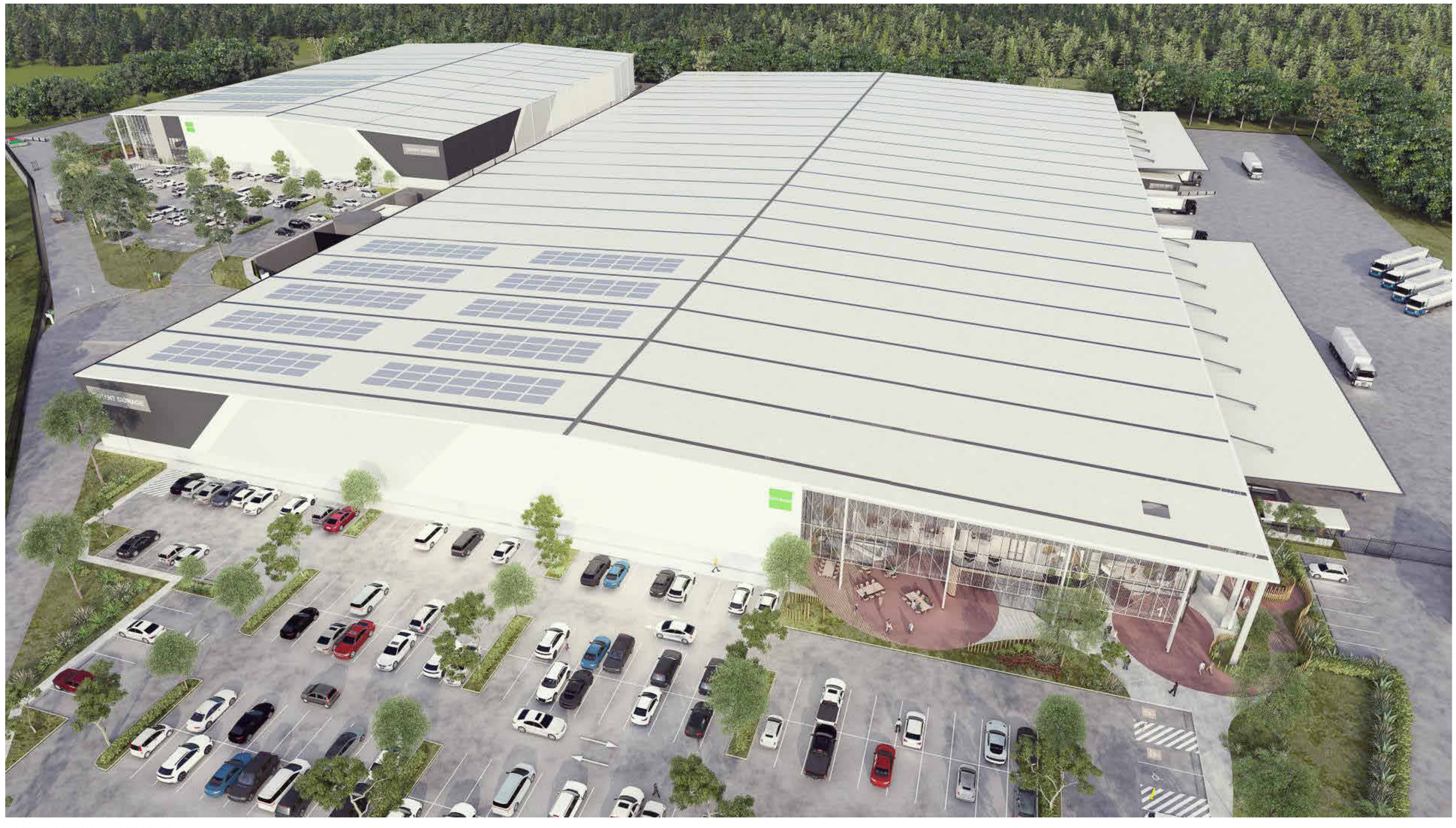
| | | | | | | |
|---|---|---|---|---|---|---|
| | | | **Lab Report Number** | 1109064 | 354361 | |
| | | | **Field ID** | SW04 | QC01_20240617 | |
| | | | **Matrix Type** | Water | Water | |
| | | | **Date** | 17 Jun 2024 | 17 Jun 2024 | RPD |
| | Unit | EQL | RPD | | | |
| **Perfluoropentanesulfonic acid (PFPeS)** | µg/L | 0.001 | | <0.1 | <0.001 | 0 |
| **Perfluorohexanesulfonic acid (PFHxS)** | µg/L | 0.0002 | | <0.1 | 0.001 | 0 |
| **Perfluoroheptane sulfonic acid (PFHpS)** | µg/L | 0.001 | | <0.1 | <0.001 | 0 |
| **Perfluorooctanesulfonic acid (PFOS)** | µg/L | 0.0001 | | <0.1 | 0.0031 | 0 |
| **Perfluorodecanesulfonic acid (PFDS)** | µg/L | 0.001 | | <0.1 | <0.002 | 0 |
| **1H.1H.2H.2H-perfluorohexanesulfonic acid (4:2 FTSA)** | µg/L | 0.001 | | <0.1 | <0.001 | 0 |
| **1H.1H.2H.2H-perfluorooctanesulfonic acid (6:2 FTSA)** | µg/L | 0.0004 | | <0.1 | <0.0004 | 0 |
| **1H.1H.2H.2H-perfluorodecanesulfonic acid (8:2 FTSA)** | µg/L | 0.0004 | | <0.1 | <0.0004 | 0 |
| **1H.1H.2H.2H-perfluorododecanesulfonic acid (10:2 FTSA)** | µg/L | 0.001 | | <0.1 | <0.002 | 0 |
| **Sum of PFHxS and PFOS** | µg/L | 0.0002 | | <0.1 | 0.0042 | 0 |
| **Sum of enHealth PFAS (PFHxS + PFOS + PFOA)*** | µg/L | 0.001 | | <0.1 | - | - |
| **Sum of US EPA PFAS (PFOS + PFOA)*** | µg/L | 0.0002 | | <0.1 | 0.0046 | 0 |
| **Sum of WA DWER PFAS (n=10)*** | UG/L | 0.005 | | <0.1 | - | - |
| **Sum of PFAS** | µg/L | 0.0002 | | <0.1 | 0.012 | 0 |
| **Perfluorononanesulfonic acid ion** | µg/L | 0.001 | | <0.1 | - | - |
| **MAH** | | | | | | |
| **1,2,4-trimethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3,5-trimethylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **n-butylbenzene** | mg/L | 0.001 | | - | <0.001 | - |
| **n-propylbenzene** | mg/L | 0.001 | | - | <0.001 | - |
| **p-isopropyltoluene** | mg/L | 0.001 | | - | <0.001 | - |
| **sec-butylbenzene** | mg/L | 0.001 | | - | <0.001 | - |
| **Styrene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **tert-butylbenzene** | mg/L | 0.001 | | - | <0.001 | - |
| **Total MAH** | mg/L | 0.003 | | <0.003 | - | - |
| **Bromobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Isopropylbenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Miscellaneous Hydrocarbons** | | | | | | |
| **1,2-dibromoethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Bromomethane** | mg/L | 0.005 | | <0.005 | <0.01 | 0 |
| **Cyclohexane** | mg/L | 0.001 | | - | <0.001 | - |
| **Dibromomethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Iodomethane** | mg/L | 0.001 | | <0.001 | - | - |
| **4-Methyl-2-pentanone** | mg/L | 0.005 | | <0.005 | - | - |
| **Methyl Ethyl Ketone** | mg/L | 0.005 | | <0.005 | - | - |
| **Chlorinated Benzenes** | | | | | | |
| **1,2,3-trichlorobenzene** | mg/L | 0.001 | | - | <0.001 | - |
| **1,2,4-trichlorobenzene** | mg/L | 0.001 | | - | <0.001 | - |
| **1,2-Dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,3-dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **1,4-dichlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chlorobenzene** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Trihalomethanes** | | | | | | |
| **Dibromochloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Chloroform** | mg/L | 0.001 | | <0.005 | <0.001 | 0 |
| **Tribromomethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Bromodichloromethane** | mg/L | 0.001 | | <0.001 | <0.001 | 0 |
| **Organic Sulfur Compounds** | | | | | | |
| **Carbon disulfide** | mg/L | 0.001 | | <0.001 | - | - |
| **Major Cations** | | | | | | |
| **Calcium** | mg/L | 0.5 | | 110 | - | - |
| **Calcium (filtered)** | mg/L | 0.5 | | - | 87 | - |
| **Potassium** | mg/L | 0.5 | | 5.5 | - | - |
| **Potassium (filtered)** | mg/L | 0.5 | | - | 4 | - |
| **Magnesium** | mg/L | 0.5 | | 270 | - | - |
| **Magnesium (filtered)** | mg/L | 0.5 | | - | 240 | - |
| **Sodium** | mg/L | 0.5 | | 2,000 | - | - |
| **Sodium (filtered)** | mg/L | 0.5 | | - | 1,600 | - |
| **Major Anions** | | | | | | |
| **Alkalinity (Carbonate as CaCO3)** | mg/L | 5 | | <20 | <5 | 0 |
| **Alkalinity (Hydroxide) as CaCO3** | mg/L | 5 | | <20 | <5 | 0 |
| **Alkalinity (Bicarbonate as CaCO3)** | mg/L | 5 | | 240 | 250 | 4 |
| **Chloride** | mg/L | 1 | | 3,900 | 3,200 | 20 |
| **Sulphate** | mg/L | 1 | | 290 | 290 | 0 |
| **Ionic Balance** | | | | | | |
| **Alkalinity (total) as CaCO3** | mg/L | 5 | | 240 | 250 | 4 |
| **Electrical Conductivity (Lab)** | µS/cm | 10 | | 12,000 | - | - |
| **Hardness (filtered)** | mgCaCO3/L | 3 | | - | 1,200 | - |
| **Ionic Balance** | % | | | - | -3.0 | - |
| **pH (Lab)** | pH Units | 0.1 | | 6.7 | 6.4 | 5 |
| **EPA VIC - IWRG621** | | | | | | |
| **Chlorinated Hydrocarbons EPAVic** | mg/L | 0.005 | | <0.005 | - | - |
| **Other Chlorinated Hydrocarbons EPAVic** | mg/L | 0.005 | | <0.005 | - | - |
| **Inorganics** | | | | | | |
| **Electrical Conductivity (Non Compensated)** | µS/cm | 1 | | - | 10,000 | - |
| **Chlorinated Hydrocarbons** | | | | | | |
| **Hexachlorobutadiene** | mg/L | 0.001 | | - | <0.001 | - |
| **Other** | | | | | | |
| **TDS** | mg/L | 5 | | 7,500 | 6,900 | 8 |

***RPDs have only been considered where a concentration is greater than 1 times the EQL.**
****Elevated RPDs are highlighted as per QAQC Profile settings (Acceptable RPDs for each EQL multiplier range are: 30 (1 - 10 x E**
*****Interlab Duplicates are matched on a per compound basis as methods vary between laboratories. Any methods in the row**

# Appendix M Development Design Plans

# DA Drawing List

| Sheet Number | SHEET NAME |
|---|---|
| DA000 | COVER SHEET |
| DA010 | ARTIST IMPRESSION PERSPECTIVES 01 |
| DA011 | ARTIST IMPRESSION PERSPECTIVES 02 |
| DA012 | SITE ANAYLSIS PLAN |
| DA050 | SITE & WAREHOUSE PLAN |
| DA100 | OVERALL WAREHOUSE ROOF PLAN |
| DA200 | OFFICE 1 - GROUND FLOOR PLANS |
| DA201 | OFFICE 1 - LEVEL 1 FLOOR PLAN |
| DA202 | OFFICE 2 FLOOR PLANS |
| DA203 | DOCK OFFCE 1 PLAN & ELEVATIONS |
| DA204 | DOCK OFFCE 2 PLAN & ELEVATIONS |
| DA205 | OUTBOUND & INBOUND GATE HOUSE PLANS & ELEVATIONS |
| DA300 | WAREHOUSE1 ELEVATIONS & SECTION |
| DA301 | WAREHOUSE 2 ELEVATIONS & SECTION |
| DA302 | OFFICE 1 ELEVATIONS |
| DA303 | OFFICE 2 ELEVATIONS |
| DA304 | SHADOW DIAGRAMS |
| DA400 | SIGNAGE PLAN |



ARTIST IMPRESSION - NORTH EAST

ARTIST IMPRESSION - WAREHOUSE 1 - NORTH WEST

ARTIST IMPRESSION - WAREHOUSE 2 - NORTH EAST

ARTIST IMPRESSION - OFFICE 1 - NORTH WEST

ARTIST IMPRESSION - OFFICE 2 - NORTH EAST

ARTIST IMPRESSION - OFFICE 1 - WEST

ARTIST IMPRESSION - OFFICE 1 - NORTH

Goodman

WINTER SUNPATH

AFTERNOON SUN

MORNING SUN

NORTH-EAST
SUMMER BREEZE

SOUTH WESTERLY
WINTER WINDS

HUNTINGWOOD DR

GREAT WESTERN HIGHWAY

EX. ACCESS ROAD

NEW ACCESS ROAD

PROPOSED EASEMENT

HONEMAN CLOSE (STATE HERITAGE LISTED ITEM)

RESERVOIR ROAD

TfNSW
"CRASH LAB"
DP819317

DP1293137

WAREHOUSE 1
DP 1098102 &
PART OF LOTS 16 & 19
IN DP 1024111

WAREHOUSE 2

DP1115907

HUNTERWOOD WEST
INDUSTRIAL AREA

HUNTERWOOD EAST
INDUSTRIAL AREA

DP1251372

EX. CREEK

PROPOSED RIPARIAN CORRIDOR

ECOLOGICAL
AREA

EX. TRANSMISSION LINE

PROPOSED SETBACKS

SITE BOUNDARY

DP819317

DP819317

M4 EXIT LANE

M4 MOTORWAY

sba

PROPOSED INDUSTRIAL FACILITY - SSD-79500208

GREAT WESTERN HIGHWAY, LOT 16 & 19 IN DP1024111, AND LOT 19 IN DP819317

0m 13 25 50 m

SITE ANAYLSIS PLAN

Date 06/03/2025 Scale 1:1000@A1, 1:2000@A3 Project No 24267 DA012 C

Goodman

GREAT WESTERN HIGHWAY

TfNSW
"DRIVER AID SERVICES"

EXISTING TREES

EXISTING HYDROLINES TO BE PROTECTED AND RETAINED

TfNSW
"CRASH LAB"
DP819317

NON-DEVELOPABLE AREAS

ASSET PROTECTION ZONE

2.5M PEDESTRIAN FOOTPATH ALONG NEW ACCESS ROAD

EX. ELECTRICAL SERVCES

EXIST HYDRAULIC SERVICES

EXIST SEWER LINE

PROPOSED EASEMENT

NEW ACCESS ROAD

ACCESS ROAD 01

HONEMAN CLOSE

RESERVOIR ROAD

ADJOINING PROPERTY
DP1293137

RIPARIAN CORRIDOR

CAR ACCESS

FIRE HYDRANT BOOSTER ASSEMBLY

BREAKOUT SPACE

CARPARK (218)

OFFICE 1
1510 m²
(2 LEVELS)

GATEHOUSE OUTBOUND
20 m²

GATEHOUSE INBOUND
20 m²

ON-GRADE DOCKS (7)

RECESSED DOCKS (10)

DOCK OFFICE 1
100 m²

ON-GRADE DOCKS (6)

WAREHOUSE 1
35,029 m²
FFL 65.50

OFFICE 2
504 m²
(2 LEVELS)

RECESSED DOCKS (4)

DOCK OFFICE 2
51 m²

ON-GRADE DOCKS (8)

WAREHOUSE 2
13,181 m²
FFL 69.50

CARPARK (118)

TRUCK ENTRY

TRUCK ENTRY/ EXIT

SCREEN

FIRE TANK

PUMP RM

WASTE STORAGE 22m2

SLIDING GATE

BOOM GATE

FIRE BRIGADE ACCESS GATE

TRUCK PARKING / STORAGE AREA

HARDSTAND (40m)

AWNING OVER (20m)

EXIST TELECOM LINE

REMOVE EXISTING TRANSMISSION LINE TO SUIT DEVELOPMENT

EXISTING HYDROLINES TO BE REALIGNED

EX. STORMWATER LINE (DRAINAGE SWALE)

ECOLOGICAL AREA
102,287
(INCLUSIVE OF RIPARIAN CORRIDOR
13,980 SQM)

STONE LINED BATTER

GRASS LINED BATTER

LANDSCAPE SETBACK

BAL FLAME ZONE

BAL 40

BAL 29

BAL 19

BAL 12.5

FNC-1 2400mm(H) PALISADE FENCE & GATE

FNC-2 2400mm(H) CHAINWIRE FENCE & GATE

FNC-3 1200mm(H) PALISADE FENCE

FNC-2 (FENCE TO TOP OF RETAINING WALL)

248000 WAREHOUSE 1

135000 WAREHOUSE 2

30000

20000

5000

19005 | 40000 HARDSTAND | 145495 WAREHOUSE 1 | 14000 | 100660 WAREHOUSE 2 | 40000 HARDSTAND | 8996

10000

DP1251372

DP819317

M4 MOTORWAY

## LEGEND

- SITE BOUNDARY
- SETBACK
- EX. ELECTRICAL SERVICES
- EX. HYDRAULIC SERVICES
- BAL RATING
- ASSET PROTECTION ZONE
- EX. SEWER LINE
- EX. HYDROLINE
- EX. TELECOM LINE
- EX. STORMWATER LINE
- PROPOSED 6M WIDE EASEMENT
- RIPARIAN CORRIDOR
- ECOLOGICAL ZONE
- HONEMAN CLOSE & RESERVE ROAD SETBACK
- STONE LINED BATTER

FNC-1 2400mm(H) PALISADE FENCE & GATE
FNC-2 2400mm(H) CHAINWIRE FENCE & GATE
FNC-3 1200mm(H) PALISADE FENCE

## DEVELOPMENT SCHEDULE

| | | |
|---|---|---|
| **TOTAL SITE AREA** | | **209,307 m²** |
| ECOLOGICAL AREA (INCLUSIVE OF RIPARIAN CORRIDORS 13,980 SQM & NON-DEVELOPABLE AREA 2,416SQM) | | 102,265 m² |
| STREET SETBACKS (HONEMAN CLOSE & RESERVOIR ROAD) | | 5,714 m² |
| NEW ESTATE ROAD | | 3,197 m² |
| **DEVELOPABLE AREA** | | **98,131 m²** |
| WAREHOUSE | 1 | 35,029 m² |
| WAREHOUSE | 2 | 13,181 m² |
| **TOTAL WAREHOUSE GLA** | | **48,210 m²** |
| OFFICE | 1_GF | 792 m² |
| OFFICE | 1_L1 | 718 m² |
| OFFICE | 2_GF | 269 m² |
| OFFICE | 2_L1 | 236 m² |
| GATEHOUSE | INBOUND | 20 m² |
| GATEHOUSE | OUTBOUND | 20 m² |
| DOCK OFFICE | 1 | 100 m² |
| DOCK OFFICE | 2 | 51 m² |
| **TOTAL OFFICE GLA** | | **2,206 m²** |
| **OTHERS** | | 2,520 m² |
| **TOTAL BUILDING GLA** | | **52,935 m²** |
| WAREHOUSE | 1 | 30,455 m² |
| WAREHOUSE | 2 | 10,726 m² |
| OFFICE | 1_GF | 759 m² |
| OFFICE | 1_L1 | 679 m² |
| OFFICE | 2_GF | 244 m² |
| OFFICE | 2_L1 | 210 m² |
| GATEHOUSE | INBOUND | 18 m² |
| GATEHOUSE | OUTBOUND | 16 m² |
| DOCK OFFICE | 1 | 94 m² |
| DOCK OFFICE | 2 | 47 m² |
| OTHERS (5% OF TOTAL BUILDING GLA) | | 2,520 m² |
| **TOTAL BUILDING GFA** | | **45,766 m²** |
| SITE COVERAGE (TOTAL GLA BUILDING AREA / DEVELOPABLE AREA) | | **54 %** |
| WAREHOUSE 1 AWNINGS | | 3,335 m² |
| WAREHOUSE 2 AWNINGS | | 1,922 m² |
| **TOTAL AWNINGS** | | **5,257 m²** |
| HARDSTAND AREA | | 28,228 m² |
| LIGHT DUTY PAVEMENT | | 8,812 m² |
| LANDSCAPE AREA (52%) (INCLUSIVE OF ECOLOGICAL AREA) | | 108,444 m² |

**CARPARKING RATE**

WAREHOUSE : 1 SPACE PER 200 sqm.
OFFICE : 1 SPACE PER 40 sqm.

CARPRAK DIMENSIONS:
5.5 M X 2.5 M CARPARK BAY
6.5 M CARPARK DRIVEWAY
PEDESTRIAN FOOTPATH ALONG
NEW ACCESS ROAD = MIN. 2.5M

| | |
|---|---|
| WAREHOUSE 1 / OFFICE 1 CARPARK REQUIRED | 218 |
| WAREHOUSE 2 / OFFICE 2 CARPARK REQUIRED | 80 |
| WAREHOUSE 1 / OFFICE 1 CARPARK PROVIDED (INCLUSIVE OF 3 DISABLED SPACE & 10 EV CHARGING BAYS | 218 |
| WAREHOUSE 2 / OFFICE 2 CARPARK PROVIDED (INCLUSIVE OF 2 DISABLED SPACE & 6 EV CHARGING BAYS | 118 |
| **WAREHOUSE 1 BIKE PARKING** | **14** |
| **WAREHOUSE 2 BIKE PARKING** | **5** |

sba

PROPOSED INDUSTRIAL FACILITY - SSD-79500208
GREAT WESTERN HIGHWAY, LOT 16 & 19 IN DP1024111, AND LOT 19 IN DP819317

0m 15 30 60 m

SITE & WAREHOUSE PLAN

Date 21/03/2025 Scale 1:1200@A1, 1:2400@A3 Project No 24267 DA050 G

Goodman

GREAT WESTERN HIGHWAY

TfNSW
"DRIVER AID SERVICES"

EXISTING HYDROLINES TO BE PROTECTED AND RETAINED

EXISTING HYDROLINES TO BE REALIGNED

NEW ACCESS ROAD

TfNSW
"CRASH LAB"
DP819317

ADJOINING PROPERTY
DP1293137

EX. ELECTRICAL SERVCES

EXIST HYDRAULIC SERVICES

EXIST SEWER LINE

PROPOSED EASEMENT

OFFICE 1

OFFICE LINE BELOW

WAREHOUSE 1

FALL 2.5°

EXTENT OF SOLAR PANELS ON ROOF

BAL FLAME ZONE

BAL 40

BAL 29

BAL 19

BAL 12.5

RIPARIAN CORRIDOR

OFFICE 2

WAREHOUSE 2

HONEMAN CLOSE

RESERVOIR ROAD

REMOVE EXISTING TRANSMISSION LINE TO SUIT DEVELOPMENT

DP1251372

DP819317

M4 MOTORWAY

5000

2000

10000

## LEGEND

- SITE BOUNDARY
- BUILDING SETBACK
- EX. ELECTRICAL SERVICES
- EX. HYDRAULIC SERVICES
- BAL — BAL RATING
- ASSET PROTECTION ZONE
- EX. SEWER LINE
- EX. HYDROLINE
- EX. TELECOM LINE
- EX. STORMWATER LINE
- PROPOSED 6M WIDE EASEMENT
- RIPARIAN CORRIDOR
- MRS METAL ROOF SHEETING
- TRS TRANSLUCENT ROOF SHEETING
- BG BOX GUTTER
- EG EAVE GUTTER

sba

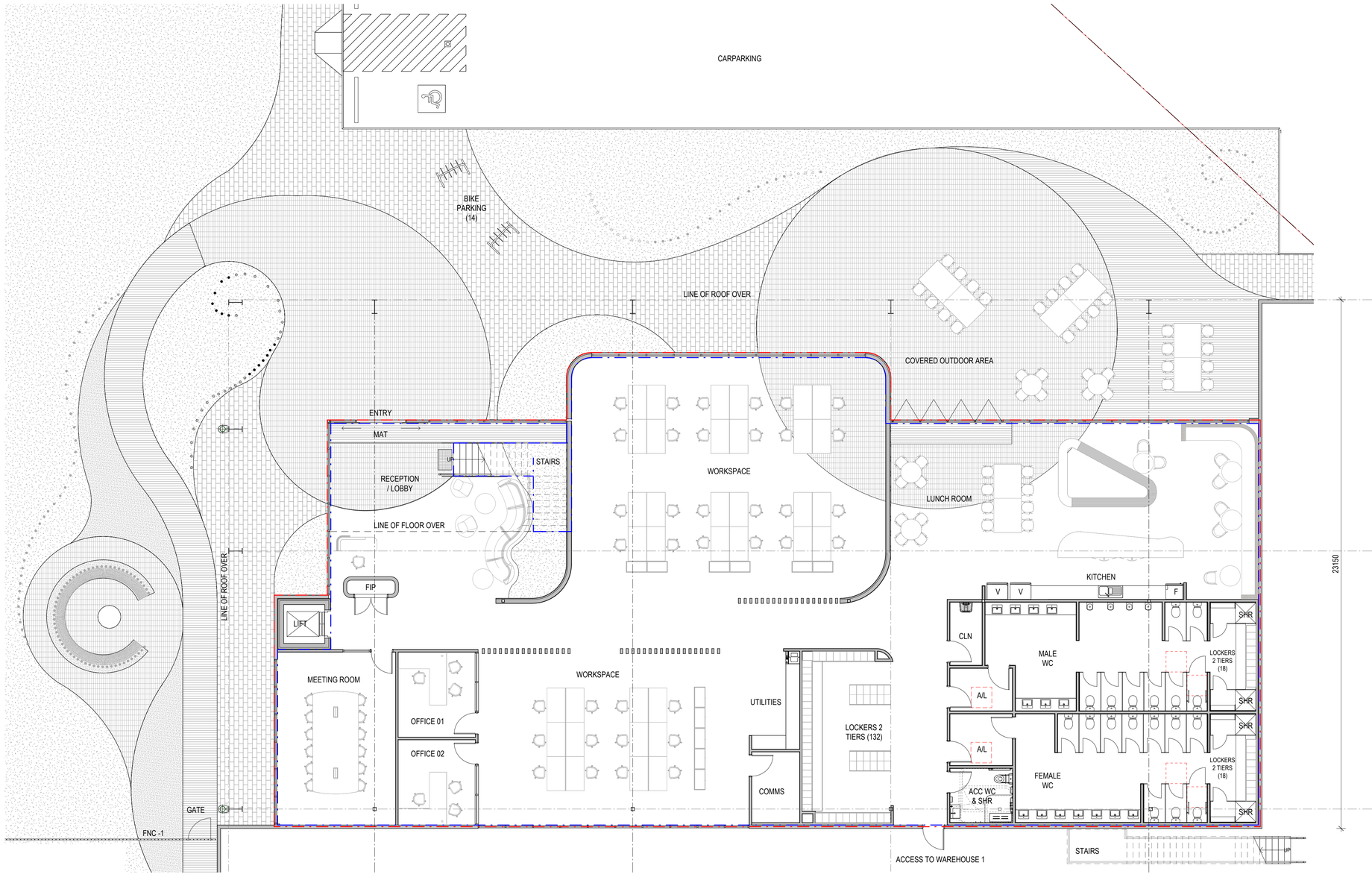
PROPOSED INDUSTRIAL FACILITY - SSD-79500208

GREAT WESTERN HIGHWAY, LOT 16 & 19 IN DP1024111, AND LOT 19 IN DP819317

0m 13 25 50 m

OVERALL WAREHOUSE ROOF PLAN

Date 21/03/2025 Scale 1:1000@A1, 1:2000@A3 Project No 24267 DA100 E




1 OFFICE 1 GROUND FLOOR PLAN 1 : 100

**GENERAL NOTE**

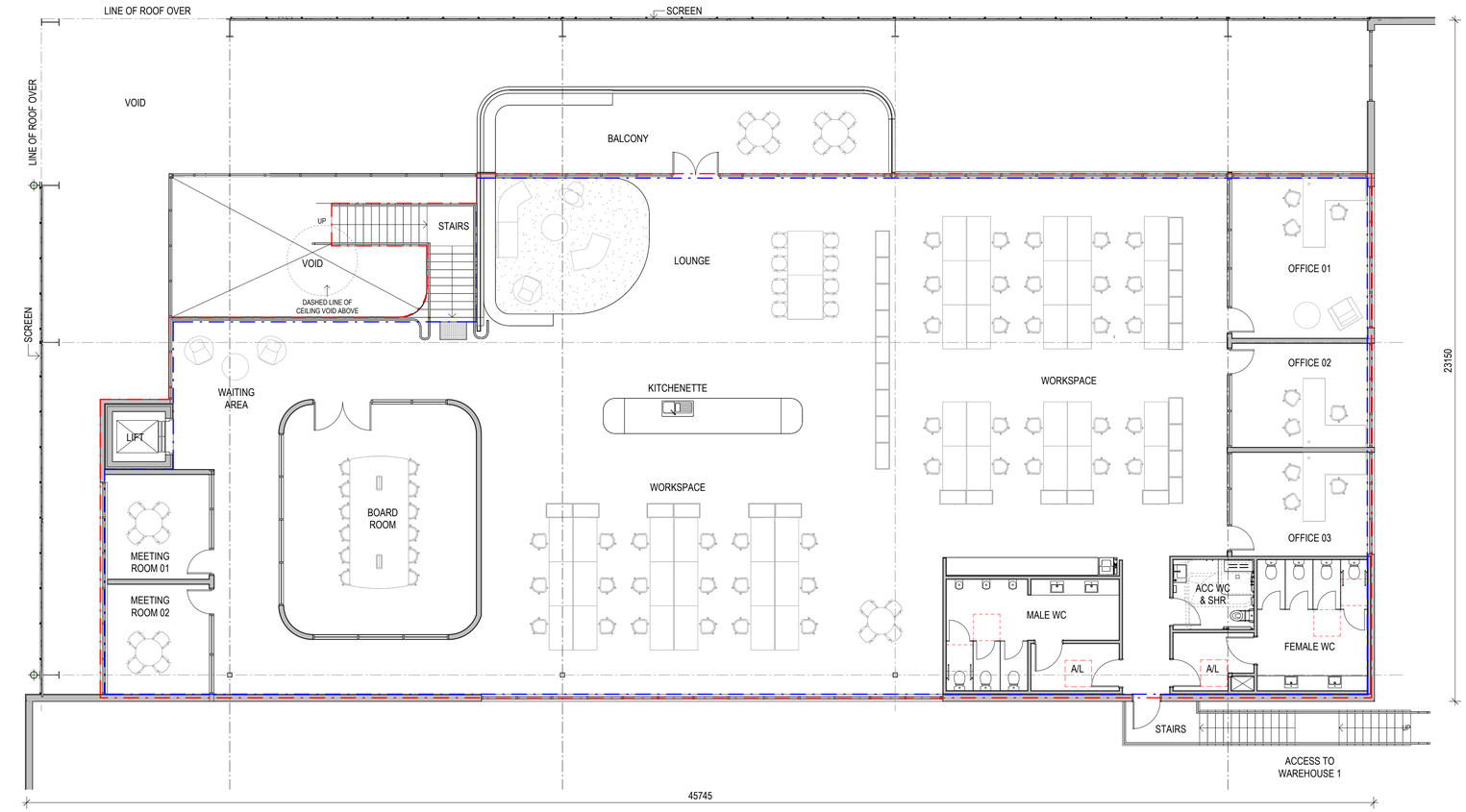
AMENITY PROVISIONS ARE BASED ON THE STAFF NUMBERS NOTED IN THE BCA ASSESSMENT RESPORT:
- WAREHOUSE 1 : 292 PEOPLE
- OFFICE 1 : 150 PEOPLE

GLA AREA BOUNDARY

| GLA_OFFICE 1 | | |
|---|---|---|
| NAME | NUMBER | AREA |
| OFFICE 1_GF | | 792 m² |
| OFFICE 1_L1 | | 718 m² |
| TOTAL GLA | | 1,510 m² |

GFA AREA BOUNDARY

| GFA_OFFICE 1 | | |
|---|---|---|
| NAME | NUMBER | AREA |
| OFFICE 1_GF | | 759 m² |
| OFFICE 1_L1 | | 679 m² |
| TOTAL GFA | | 1,438 m² |




1 OFFICE 1 LEVEL 1 FLOOR PLAN 1 : 100

**GENERAL NOTE**

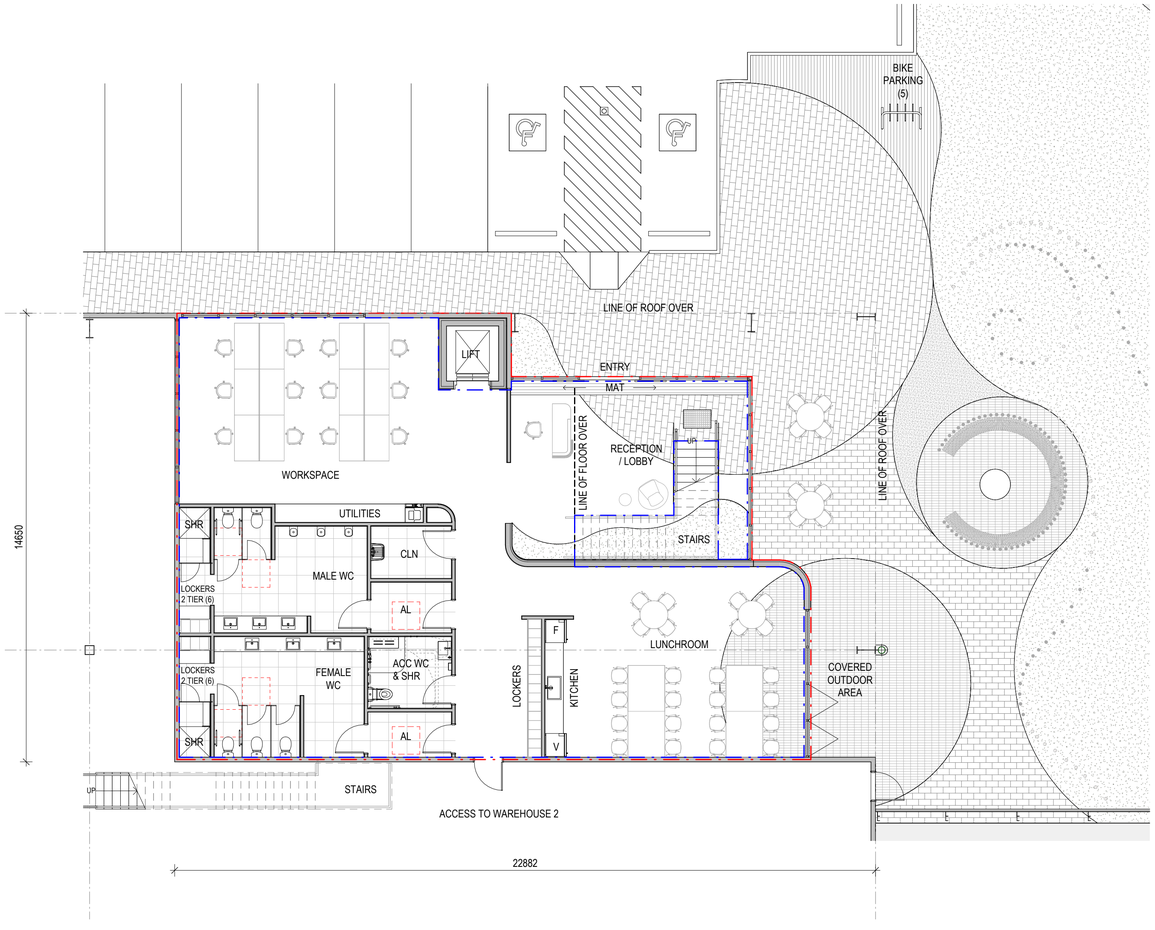
AMENITY PROVISIONS ARE BASED ON THE STAFF NUMBERS NOTED IN THE BCA ASSESSMENT RESPORT:
- WAREHOUSE 1 : 292 PEOPLE
- OFFICE 1 : 150 PEOPLE

GLA AREA BOUNDARY

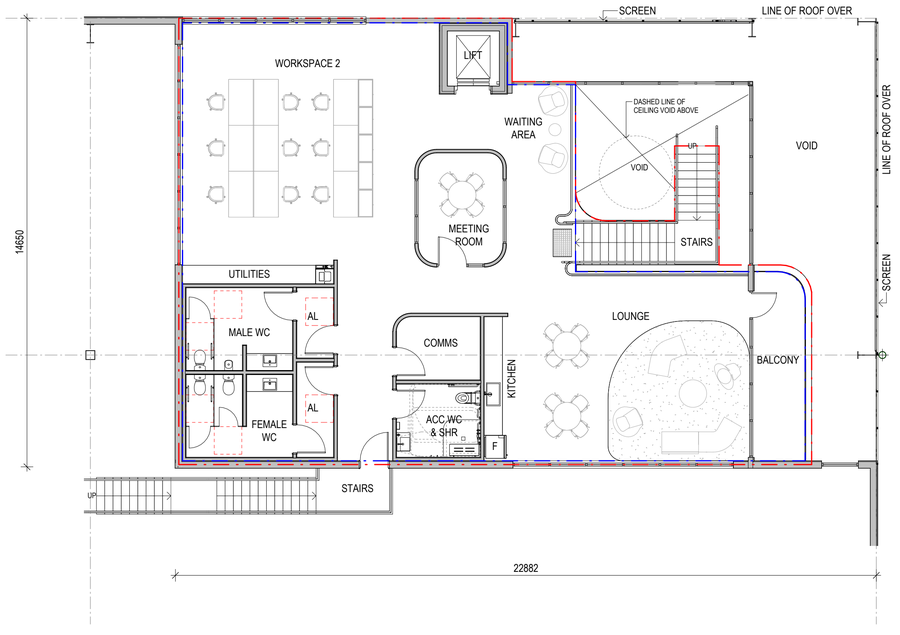
| GLA_OFFICE 1 | | |
|---|---|---|
| NAME | NUMBER | AREA |
| OFFICE 1_GF | | 792 m² |
| OFFICE 1_L1 | | 718 m² |
| TOTAL GLA | | 1,510 m² |

GFA AREA BOUNDARY

| GFA_OFFICE 1 | | |
|---|---|---|
| NAME | NUMBER | AREA |
| OFFICE 1_GF | | 759 m² |
| OFFICE 1_L1 | | 679 m² |
| TOTAL GFA | | 1,438 m² |




3 OFFICE 2 GROUND FLOOR PLAN 1 : 100




4 OFFICE 2 LEVEL 1 FLOOR PLAN 1 : 100

**GENERAL NOTE**

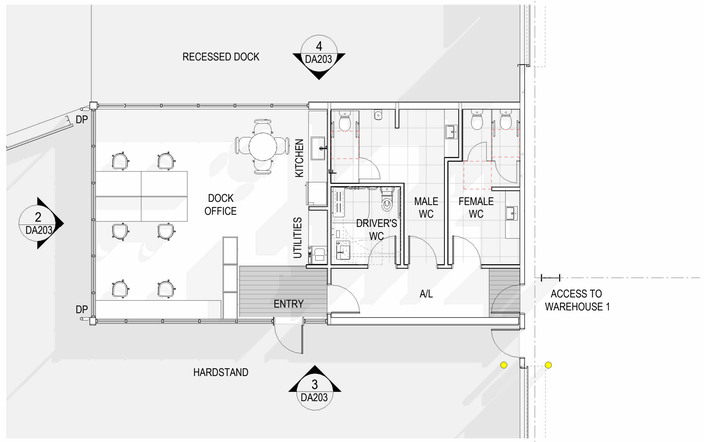
AMENITY PROVISIONS ARE BASED ON THE STAFF NUMBERS NOTED IN THE BCA ASSESSMENT RESPORT:
- WAREHOUSE 2 : 110 PEOPLE
- OFFICE 2 :50 PEOPLE

GLA AREA BOUNDARY

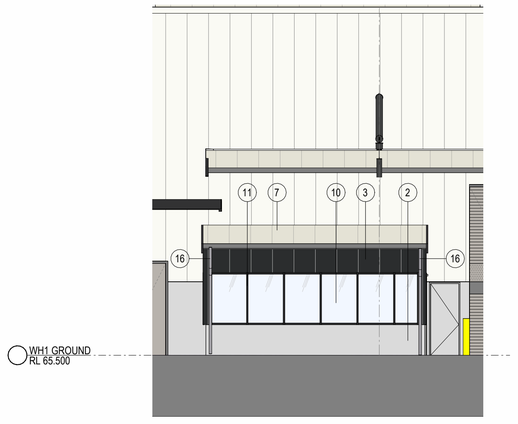
| GLA_OFFICE 2 | | |
|---|---|---|
| NAME | NUMBER | AREA |
| OFFICE 2_GF | | 269 m² |
| OFFICE 2_L1 | | 236 m² |
| TOTAL GLA | | 505 m² |

GFA AREA BOUNDARY

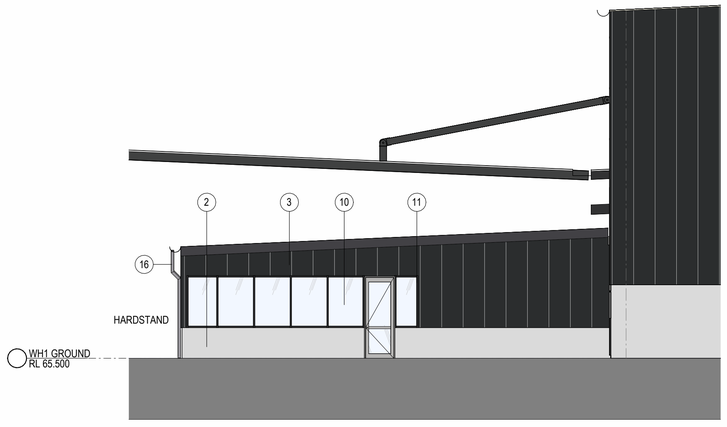
| GFA_OFFICE 2 | | |
|---|---|---|
| NAME | NUMBER | AREA |
| OFFICE 2_GF | | 244 m² |
| OFFICE 2_L1 | | 210 m² |
| TOTAL GFA | | 454 m² |




1 DOCK OFFICE 1 PLAN 1 : 100




2 DOCK OFFCE 1 - WEST ELEVATION 1 : 100




3 DOCK OFFCE 1 - SOUTH ELEVATION 1 : 100

4 DOCK OFFCE 1 - NORTH ELEVATION 1 : 100

## INDICATIVE EXTERNAL FINISHES

1. **BLOCKWORK**
- EQUAL TO AUSTRAL BLOCK 'ARCHITEC HONED - CHARCOAL' 390 X 190 X 190mm
- STACK BOND PATTERN
- COLOUR-MATCHING FLUSH MORTAR JOINTS

2. **PRECAST CONCRETE PANEL**
- OFF-FORM FINISH

3. **PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'MONUMENT'

4. **PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'DOVER WHITE'

5. **PREFINISHED METAL WALL SHEET CLADDING**
- COLOURBOND 'SHALE GREY'

6. **PREFINISHED CFC CLADDING**
- EQUAL TO 'EQUITONE - TECTIVA - GREY' 12000X2400mm
- CONCEALED FIXING

7. **METAL DECK ROOFING**
- COLORBOND 'DOVER WHITE'

8. **TRANSLUCENT ROOF SHEET**
- OPAL COLOUR

9. **TIMBER LOOK METAL CLADDING**
- 'SCULPTFORM ALUMINIUM CLICK ON' PANELS

10. **GLAZING**
- LIGHT GREY TINT OR SIMILAR

11. **PREFINISHED ALUMINIUM WINDOW FRAME**
- COLORBOND 'MONUMENT'

12. **STEEL BALUSTRADE & PANEL**
- COLORBOND 'MONUMENT'

13. **METAL ROLLER SHUTTER**
- PRENISHED IN 'SHALE GREY'

14. **EXPOSED STEEL STRUCTURE & STEEL AWNING**
- COLORBOND 'SHALE GREY'

15. **SOLID DOOR LEAF**
- TO MATCH 'SHALE GREY'

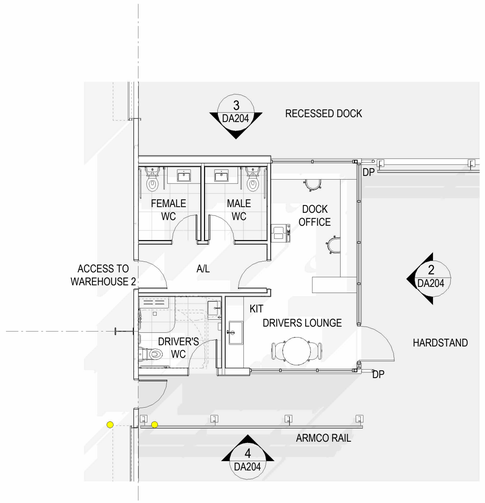
16. **DOWNPIPE**
- COLOUR TO MATCH BACKGROUND CLADDING COLOUR

17. **POWDERCOATED METAL MESH IN STEEL FRAME**
- COLORBOND 'DOVER WHITE'

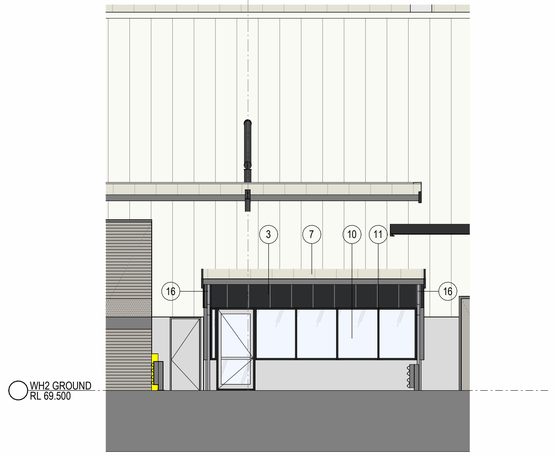
18. **PAVER**
- AUSTRAL BRICKS 230 x 76 x 5 mm
- ALLOW 3 COLOURS AND PATTERNS

19. **TIMBER POSTS & METAL OUTDOOR BENCHES IN CUSTOMISED FORM**

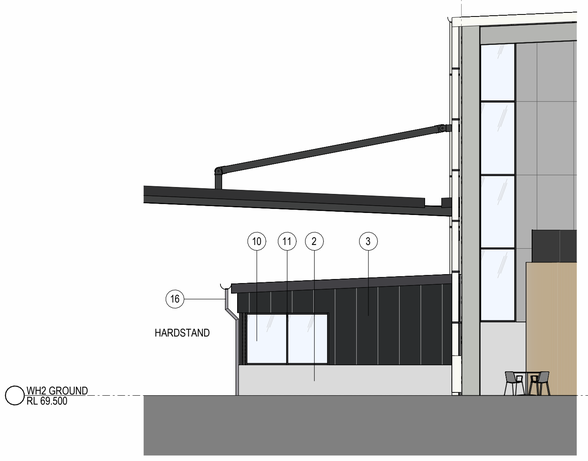
20. **LOUVRE DOOR**



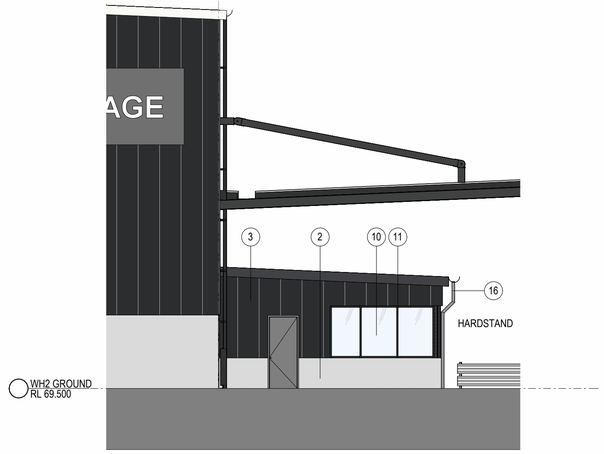

1 DOCK OFFICE 2 PLAN 1 : 100




2 DOCK OFFCE 2 - EAST ELEVATION 1 : 100




3 DOCK OFFCE 2 - NORTH ELEVATION 1 : 100




4 DOCK OFFCE 2 - SOUTH ELEVATION 1 : 100

**INDICATIVE EXTERNAL FINISHES**

1. **BLOCKWORK**
- EQUAL TO AUSTRAL BLOCK 'ARCHITEC HONED - CHARCOAL' 390 X 190 X 190mm
- STACK BOND PATTERN
- COLOUR-MATCHING FLUSH MORTAR JOINTS

2. **PRECAST CONCRETE PANEL**
- OFF-FORM FINISH

3. **PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'MONUMENT'

4. **PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'DOVER WHITE'

5. **PREFINISHED METAL WALL SHEET CLADDING**
- COLOURBOND 'SHALE GREY'

6. **PREFINISHED CFC CLADDING**
- EQUAL TO 'EQUITONE - TECTIVA - GREY' 12000X2400mm
- CONCEALED FIXING

7. **METAL DECK ROOFING**
- COLORBOND 'DOVER WHITE'

8. **TRANSLUCENT ROOF SHEET**
- OPAL COLOUR

9. **TIMBER LOOK METAL CLADDING**
- 'SCULPTFORM ALUMINIUM CLICK ON' PANELS

10. **GLAZING**
- LIGHT GREY TINT OR SIMILAR

11. **PREFINISHED ALUMINIUM WINDOW FRAME**
- COLORBOND 'MONUMENT'

12. **STEEL BALUSTRADE & PANEL**
- COLORBOND 'MONUMENT'

13. **METAL ROLLER SHUTTER**
- PRENISHED IN 'SHALE GREY'

14. **EXPOSED STEEL STRUCTURE & STEEL AWNING**
- COLORBOND 'SHALE GREY'

15. **SOLID DOOR LEAF**
- TO MATCH 'SHALE GREY'

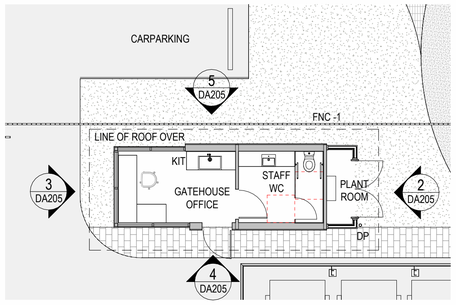
16. **DOWNPIPE**
- COLOUR TO MATCH BACKGROUND CLADDING COLOUR

17. **POWDERCOATED METAL MESH IN STEEL FRAME**
- COLORBOND 'DOVER WHITE'

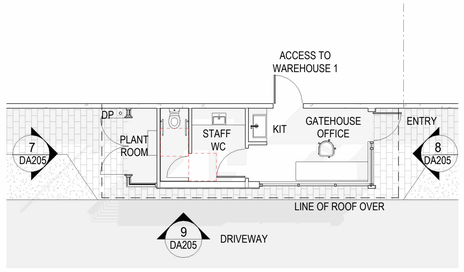
18. **PAVER**
- AUSTRAL BRICKS 230 x 76 x 5 mm
- ALLOW 3 COLOURS AND PATTERNS

19. **TIMBER POSTS & METAL OUTDOOR BENCHES IN CUSTOMISED FORM**

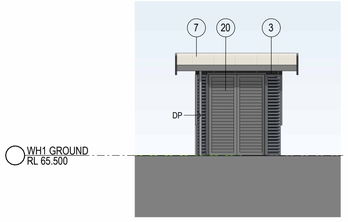
20. **LOUVRE DOOR**



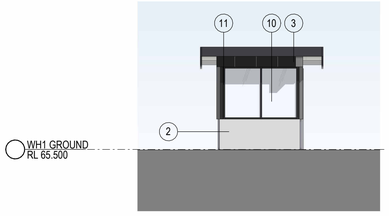

1 OUTBOUND GATE HOUSE PLAN 1 : 100



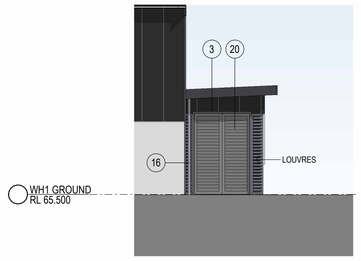

6 INBOUND GATE HOUSE PLAN 1 : 100



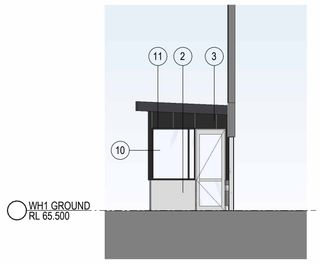

2 OUTBOUND GATE HOUSE - EAST ELEVATION 1 : 100



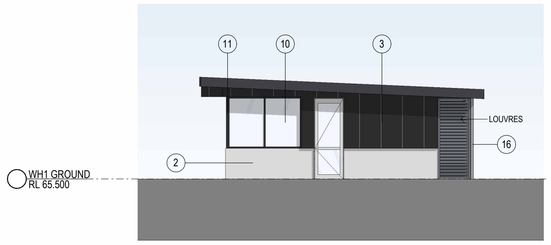

3 OUTBOUND GATE HOUSE - WEST ELEVATION 1 : 100



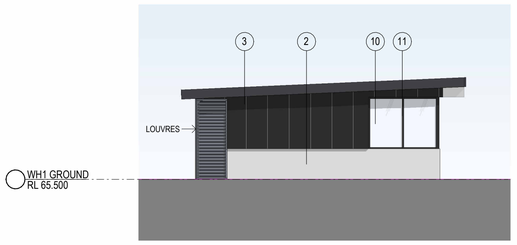

7 INBOUND GATE HOUSE - WEST ELEVATION 1 : 100



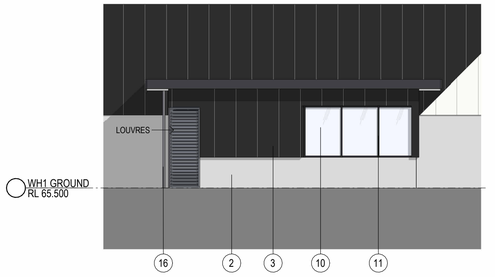

8 INBOUND GATE HOUSE - EAST ELEVATION 1 : 100




4 OUTBOUND GATE HOUSE - SOUTH ELEVATION 1 : 100




5 OUTBOUND GATE HOUSE - NORTH ELEVATION 1 : 100




9 INBOUND GATE HOUSE - SOUTH ELEVATION 1 : 100

## INDICATIVE EXTERNAL FINISHES

**1. BLOCKWORK**
- EQUAL TO AUSTRAL BLOCK 'ARCHITEC HONED - CHARCOAL' 390 X 190 X 190mm
- STACK BOND PATTERN
- COLOUR-MATCHING FLUSH MORTAR JOINTS

**2. PRECAST CONCRETE PANEL**
- OFF-FORM FINISH

**3. PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'MONUMENT'

**4. PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'DOVER WHITE'

**5. PREFINISHED METAL WALL SHEET CLADDING**
- COLOURBOND 'SHALE GREY'

**6. PREFINISHED CFC CLADDING**
- EQUAL TO 'EQUITONE - TECTIVA - GREY' 12000X2400mm
- CONCEALED FIXING

**7. METAL DECK ROOFING**
- COLORBOND 'DOVER WHITE'

**8. TRANSLUCENT ROOF SHEET**
- OPAL COLOUR

**9. TIMBER LOOK METAL CLADDING**
- 'SCULPTFORM ALUMINIUM CLICK ON' PANELS

**10. GLAZING**
- LIGHT GREY TINT OR SIMILAR

**11. PREFINISHED ALUMINIUM WINDOW FRAME**
- COLORBOND 'MONUMENT'

**12. STEEL BALUSTRADE & PANEL**
- COLORBOND 'MONUMENT'

**13. METAL ROLLER SHUTTER**
- PRENISHED IN 'SHALE GREY'

**14. EXPOSED STEEL STRUCTURE & STEEL AWNING**
- COLORBOND 'SHALE GREY'

**15. SOLID DOOR LEAF**
- TO MATCH 'SHALE GREY'

**16. DOWNPIPE**
- COLOUR TO MATCH BACKGROUND CLADDING COLOUR

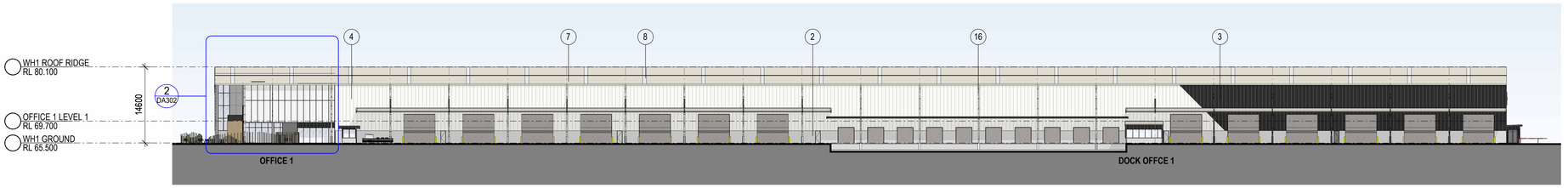
**17. POWDERCOATED METAL MESH IN STEEL FRAME**
- COLORBOND 'DOVER WHITE'

**18. PAVER**
- AUSTRAL BRICKS 230 x 76 x 5 mm
- ALLOW 3 COLOURS AND PATTERNS

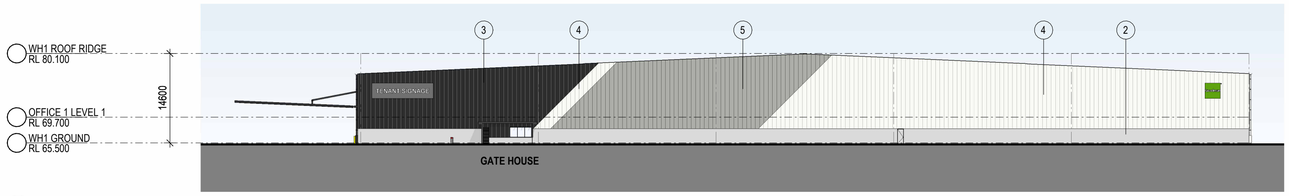
**19. TIMBER POSTS & METAL OUTDOOR BENCHES IN CUSTOMISED FORM**

**20. LOUVRE DOOR**

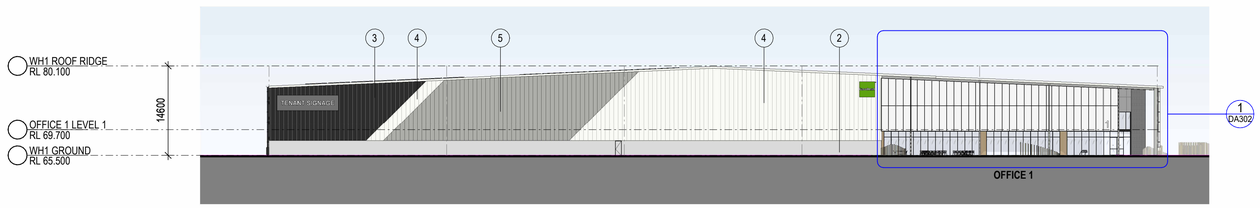
1 WAREHOUSE 1 - EAST EVELATION 1 : 500



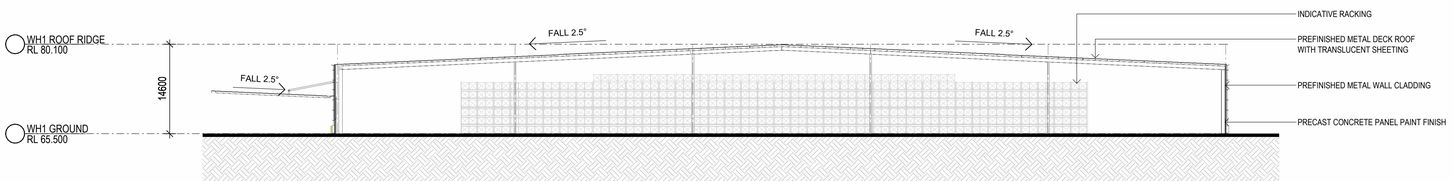

2 WAREHOUSE 1 - WEST EVELATION 1 : 500




3 WAREHOUSE 1 - SOUTH EVELATION 1 : 500




4 WAREHOUSE 1 - NORTH EVELATION 1 : 500




5 WAREHOUSE 1 SECTION 1 : 500

## INDICATIVE EXTERNAL FINISHES

**1. BLOCKWORK**
- EQUAL TO AUSTRAL BLOCK 'ARCHITEC HONED - CHARCOAL' 390 X 190 X 190mm
- STACK BOND PATTERN
- COLOUR-MATCHING FLUSH MORTAR JOINTS

**2. PRECAST CONCRETE PANEL**
- OFF-FORM FINISH

**3. PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'MONUMENT'

**4. PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'DOVER WHITE'

**5. PREFINISHED METAL WALL SHEET CLADDING**
- COLOURBOND 'SHALE GREY'

**6. PREFINISHED CFC CLADDING**
- EQUAL TO 'EQUITONE - TECTIVA - GREY' 12000X2400mm
- CONCEALED FIXING

**7. METAL DECK ROOFING**
- COLORBOND 'DOVER WHITE'

**8. TRANSLUCENT ROOF SHEET**
- OPAL COLOUR

**9. TIMBER LOOK METAL CLADDING**
- 'SCULPTFORM ALUMINIUM CLICK ON' PANELS

**10. GLAZING**
- LIGHT GREY TINT OR SIMILAR

**11. PREFINISHED ALUMINIUM WINDOW FRAME**
- COLORBOND 'MONUMENT'

**12. STEEL BALUSTRADE & PANEL**
- COLORBOND 'MONUMENT'

**13. METAL ROLLER SHUTTER**
- PRENISHED IN 'SHALE GREY'

**14. EXPOSED STEEL STRUCTURE & STEEL AWNING**
- COLORBOND 'SHALE GREY'

**15. SOLID DOOR LEAF**
- TO MATCH 'SHALE GREY'

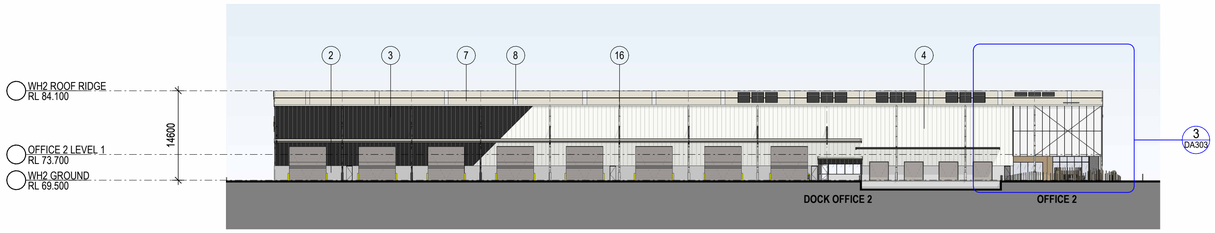
**16. DOWNPIPE**
- COLOUR TO MATCH BACKGROUND CLADDING COLOUR

**17. POWDERCOATED METAL MESH IN STEEL FRAME**
- COLORBOND 'DOVER WHITE'

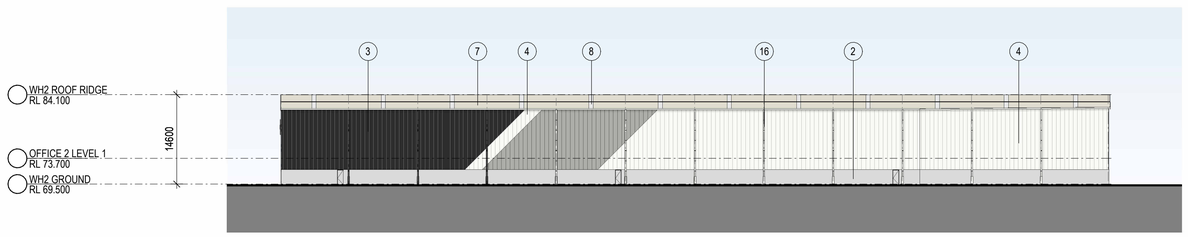
**18. PAVER**
- AUSTRAL BRICKS 230 x 76 x 5 mm
- ALLOW 3 COLOURS AND PATTERNS

**19. TIMBER POSTS & METAL OUTDOOR BENCHES IN CUSTOMISED FORM**

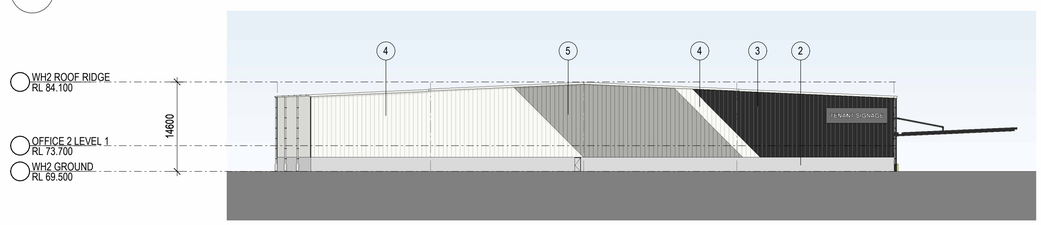
**20. LOUVRE DOOR**



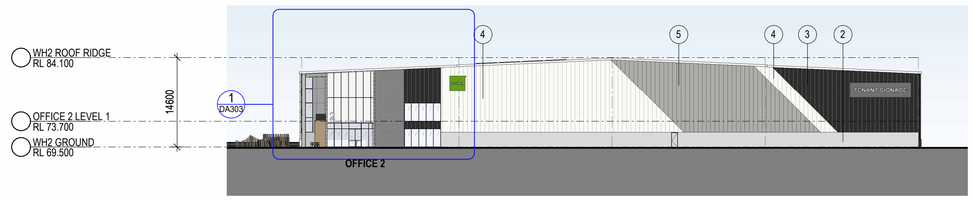

1 WAREHOUSE 2 - EAST ELEVATION 1 : 500



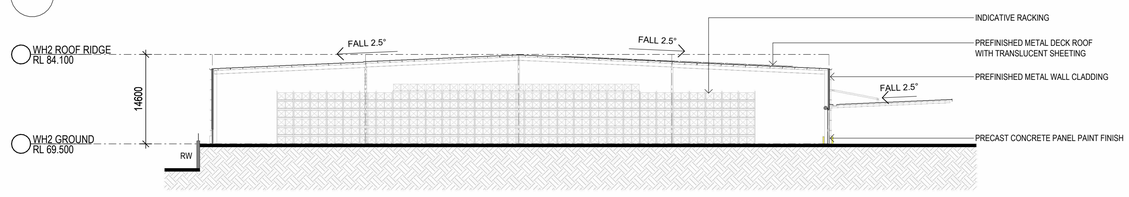

2 WAREHOUSE 2 - WEST ELEVATION 1 : 500




3 WAREHOUSE 2 - SOUTH ELEVATION 1 : 500




4 WAREHOUSE 2 - NORTH ELEVATION 1 : 500




5 WAREHOUSE 2 SECTION 1 : 500

## INDICATIVE EXTERNAL FINISHES

**1. BLOCKWORK**
- EQUAL TO AUSTRAL BLOCK 'ARCHITEC HONED - CHARCOAL' 390 X 190 X 190mm
- STACK BOND PATTERN
- COLOUR-MATCHING FLUSH MORTAR JOINTS

**2. PRECAST CONCRETE PANEL**
- OFF-FORM FINISH

**3. PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'MONUMENT'

**4. PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'DOVER WHITE'

**5. PREFINISHED METAL WALL SHEET CLADDING**
- COLOURBOND 'SHALE GREY'

**6. PREFINISHED CFC CLADDING**
- EQUAL TO 'EQUITONE - TECTIVA - GREY' 12000X2400mm
- CONCEALED FIXING

**7. METAL DECK ROOFING**
- COLORBOND 'DOVER WHITE'

**8. TRANSLUCENT ROOF SHEET**
- OPAL COLOUR

**9. TIMBER LOOK METAL CLADDING**
- 'SCULPTFORM ALUMINIUM CLICK ON' PANELS

**10. GLAZING**
- LIGHT GREY TINT OR SIMILAR

**11. PREFINISHED ALUMINIUM WINDOW FRAME**
- COLORBOND 'MONUMENT'

**12. STEEL BALUSTRADE & PANEL**
- COLORBOND 'MONUMENT'

**13. METAL ROLLER SHUTTER**
- PRENISHED IN 'SHALE GREY'

**14. EXPOSED STEEL STRUCTURE & STEEL AWNING**
- COLORBOND 'SHALE GREY'

**15. SOLID DOOR LEAF**
- TO MATCH 'SHALE GREY'

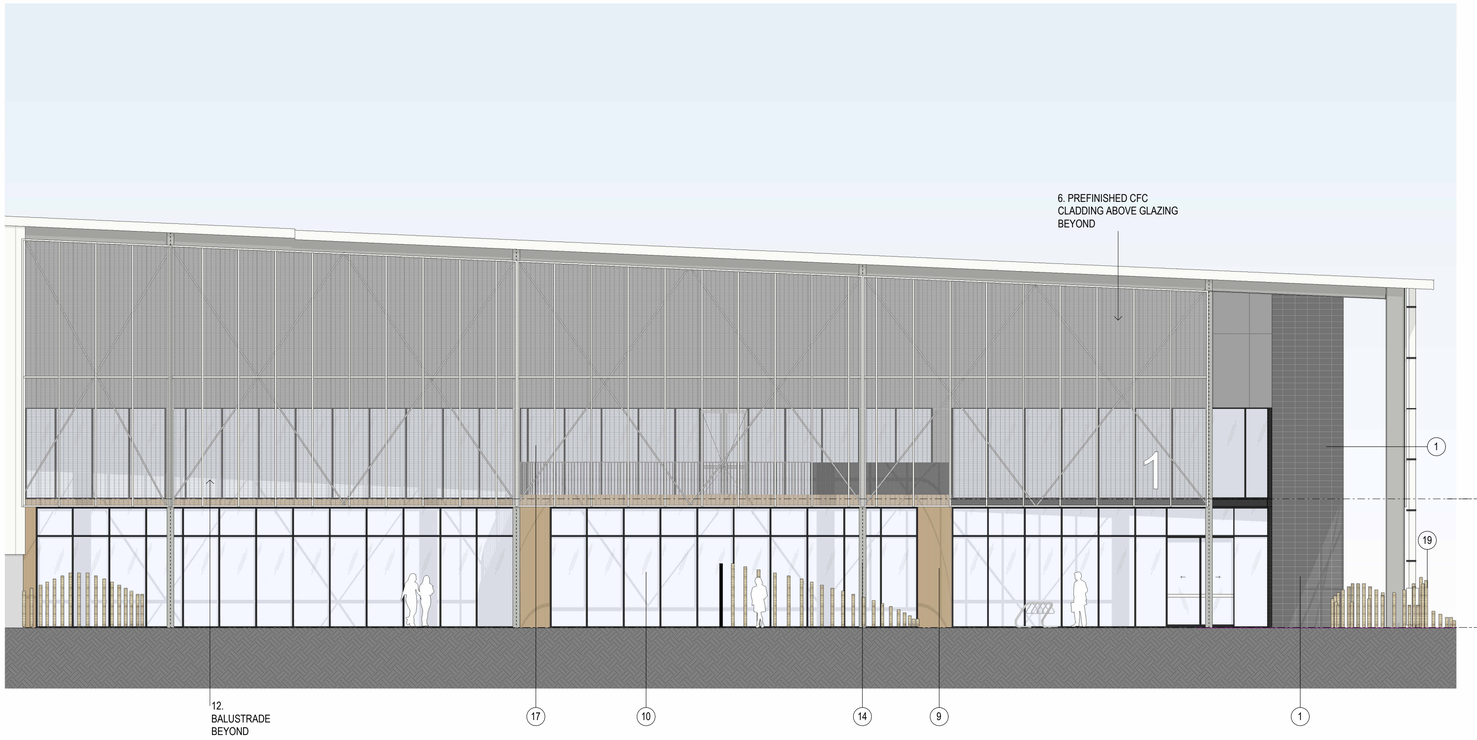
**16. DOWNPIPE**
- COLOUR TO MATCH BACKGROUND CLADDING COLOUR

**17. POWDERCOATED METAL MESH IN STEEL FRAME**
- COLORBOND 'DOVER WHITE'

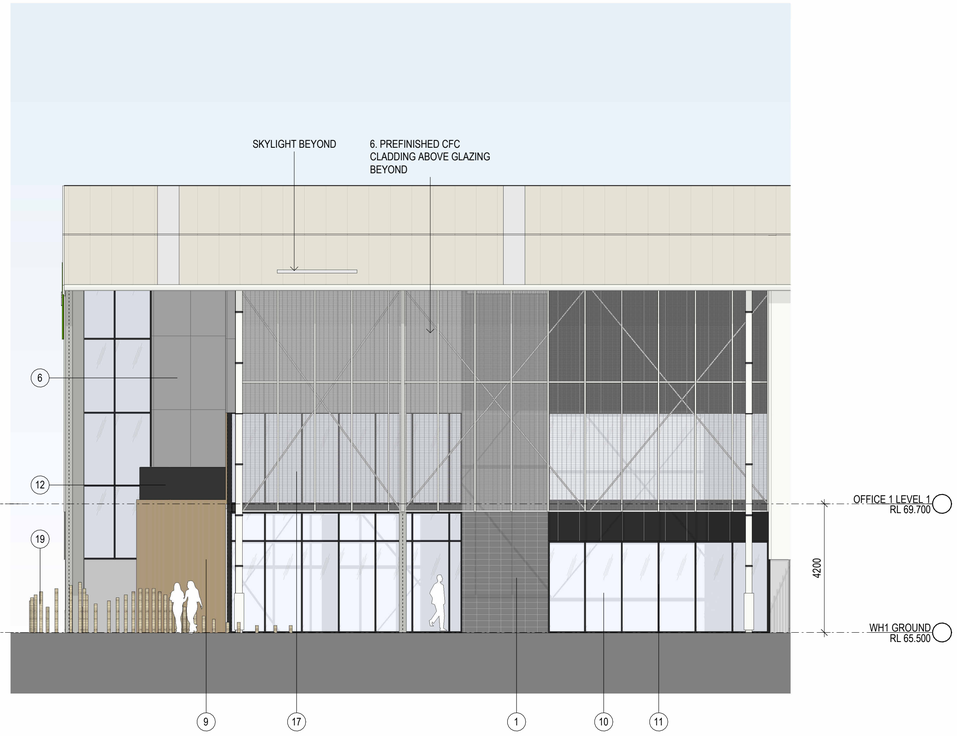
**18. PAVER**
- AUSTRAL BRICKS 230 x 76 x 5 mm
- ALLOW 3 COLOURS AND PATTERNS

**19. TIMBER POSTS & METAL OUTDOOR BENCHES IN CUSTOMISED FORM**

**20. LOUVRE DOOR**




1 OFFICE 1 - NORTH ELEVATION 1 : 100




2 OFFICE 1 - WEST ELEVATION 1 : 100

## INDICATIVE EXTERNAL FINISHES

**1. BLOCKWORK**
- EQUAL TO AUSTRAL BLOCK 'ARCHITEC HONED - CHARCOAL' 390 X 190 X 190mm
- STACK BOND PATTERN
- COLOUR-MATCHING FLUSH MORTAR JOINTS

**2. PRECAST CONCRETE PANEL**
- OFF-FORM FINISH

**3. PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'MONUMENT'

**4. PREFINISHED METAL WALL SHEET CLADDING**
- COLORBOND 'DOVER WHITE'

**5. PREFINISHED METAL WALL SHEET CLADDING**
- COLOURBOND 'SHALE GREY'

**6. PREFINISHED CFC CLADDING**
- EQUAL TO 'EQUITONE - TECTIVA - GREY' 12000X2400mm
- CONCEALED FIXING

**7. METAL DECK ROOFING**
- COLORBOND 'DOVER WHITE'

**8. TRANSLUCENT ROOF SHEET**
- OPAL COLOUR

**9. TIMBER LOOK METAL CLADDING**
- 'SCULPTFORM ALUMINIUM CLICK ON' PANELS

**10. GLAZING**
- LIGHT GREY TINT OR SIMILAR

**11. PREFINISHED ALUMINIUM WINDOW FRAME**
- COLORBOND 'MONUMENT'

**12. STEEL BALUSTRADE & PANEL**
- COLORBOND 'MONUMENT'

**13. METAL ROLLER SHUTTER**
- PRENISHED IN 'SHALE GREY'

**14. EXPOSED STEEL STRUCTURE & STEEL AWNING**
- COLORBOND 'SHALE GREY'

**15. SOLID DOOR LEAF**
- TO MATCH 'SHALE GREY'

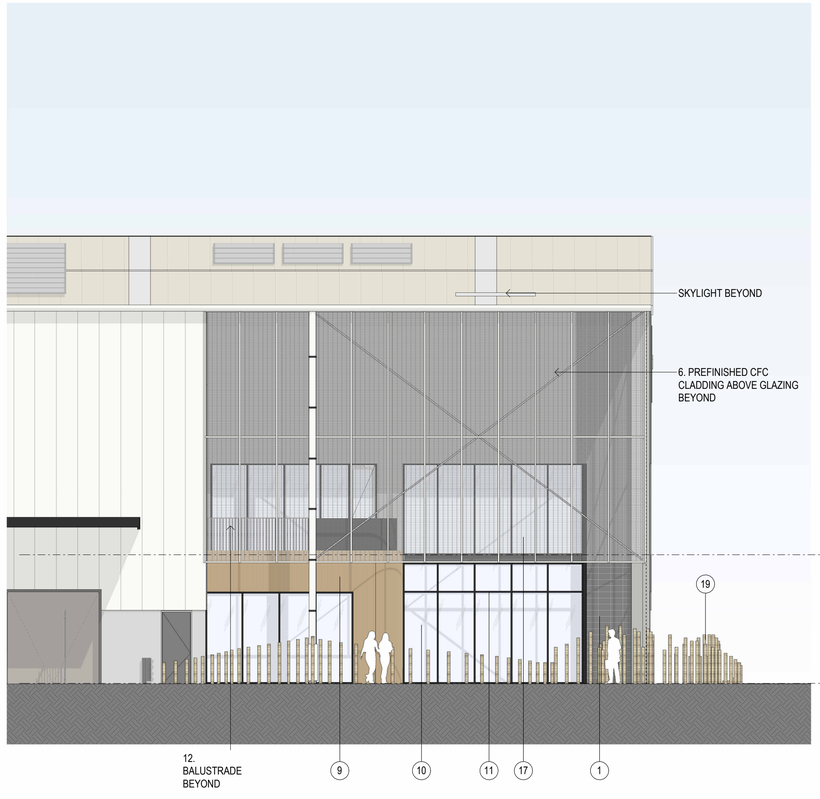
**16. DOWNPIPE**
- COLOUR TO MATCH BACKGROUND CLADDING COLOUR

**17. POWDERCOATED METAL MESH IN STEEL FRAME**
- COLORBOND 'DOVER WHITE'

**18. PAVER**
- AUSTRAL BRICKS 230 x 76 x 5 mm
- ALLOW 3 COLOURS AND PATTERNS

**19. TIMBER POSTS & METAL OUTDOOR BENCHES IN CUSTOMISED FORM**

**20. LOUVRE DOOR**

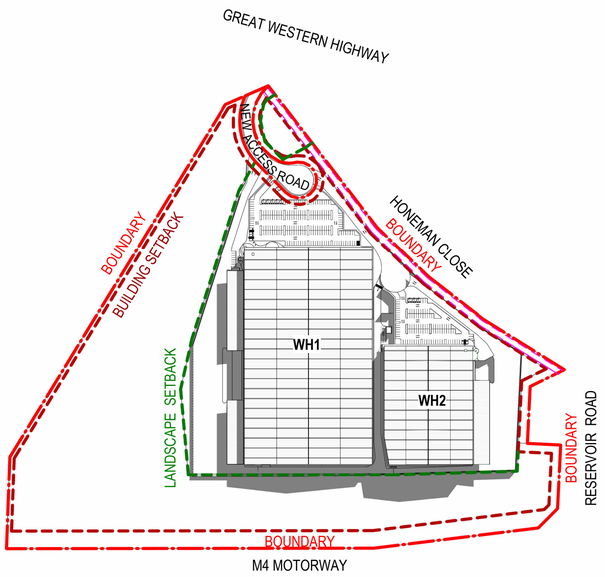



1 OFFICE 2 - EAST ELEVATION 1 : 100

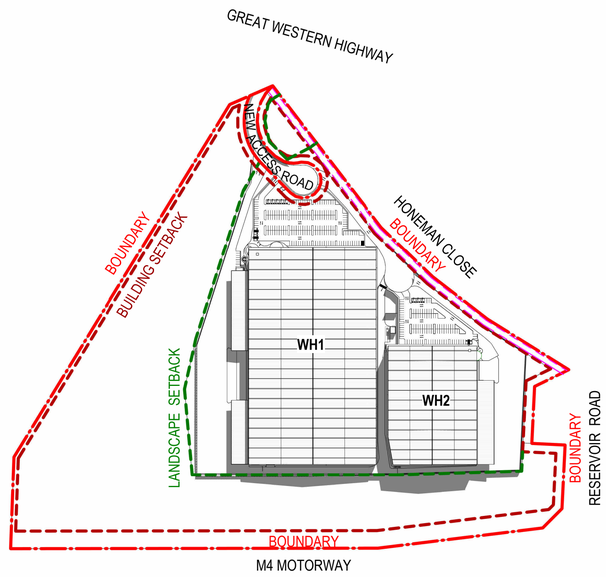
2 OFFICE 2 - NORTH ELEVATION 1 : 100

## INDICATIVE EXTERNAL FINISHES

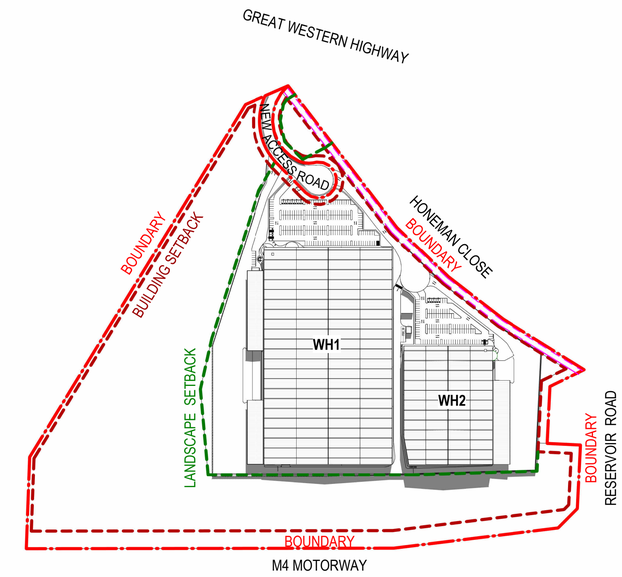
| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. **BLOCKWORK** - EQUAL TO AUSTRAL BLOCK 'ARCHITEC HONED - CHARCOAL' 390 X 190 X 190mm - STACK BOND PATTERN - COLOUR-MATCHING FLUSH MORTAR JOINTS | 2. **PRECAST CONCRETE PANEL** - OFF-FORM FINISH | 3. **PREFINISHED METAL WALL SHEET CLADDING** - COLORBOND 'MONUMENT' | 4. **PREFINISHED METAL WALL SHEET CLADDING** - COLORBOND 'DOVER WHITE' | 5. **PREFINISHED METAL WALL SHEET CLADDING** - COLOURBOND 'SHALE GREY' | 6. **PREFINISHED CFC CLADDING** - EQUAL TO 'EQUITONE - TECTIVA - GREY' 12000X2400mm - CONCEALED FIXING | 7. **METAL DECK ROOFING** - COLORBOND 'DOVER WHITE' | 8. **TRANSLUCENT ROOF SHEET** - OPAL COLOUR | 9. **TIMBER LOOK METAL CLADDING** - 'SCULPTFORM ALUMINIUM CLICK ON' PANELS | 10. **GLAZING** - LIGHT GREY TINT OR SIMILAR | 11. **PREFINISHED ALUMINIUM WINDOW FRAME** - COLORBOND 'MONUMENT' | 12. **STEEL BALUSTRADE & PANEL** - COLORBOND 'MONUMENT' | 13. **METAL ROLLER SHUTTER** - PRENISHED IN 'SHALE GREY' | 14. **EXPOSED STEEL STRUCTURE & STEEL AWNING** - COLORBOND 'SHALE GREY' | 15. **SOLID DOOR LEAF** - TO MATCH 'SHALE GREY' | 16. **DOWNPIPE** - COLOUR TO MATCH BACKGROUND CLADDING COLOUR | 17. **POWDERCOATED METAL MESH IN STEEL FRAME** - COLORBOND 'DOVER WHITE' | 18. **PAVER** - AUSTRAL BRICKS 230 x 76 x 5 mm - ALLOW 3 COLOURS AND PATTERNS | 19. **TIMBER POSTS & METAL OUTDOOR BENCHES IN CUSTOMISED FORM** | 20. **LOUVRE DOOR** |



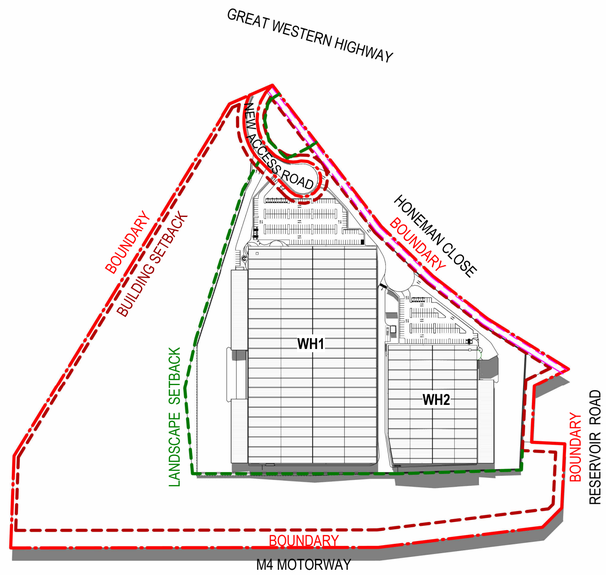

1 WINTER SOLSTICE (21 JUNE) SHADOWS - 9AM 1 : 3500



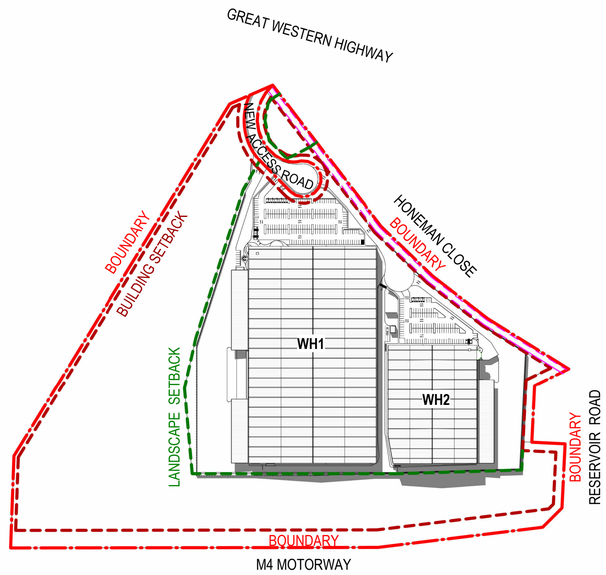

2 WINTER SOLSTICE (21 JUNE) SHADOWS - 10AM 1 : 3500



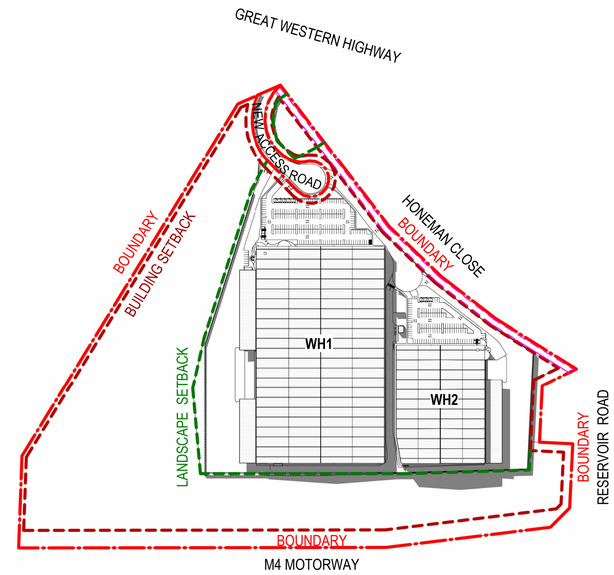

3 WINTER SOLSTICE (21 JUNE) SHADOWS - 11AM 1 : 3500



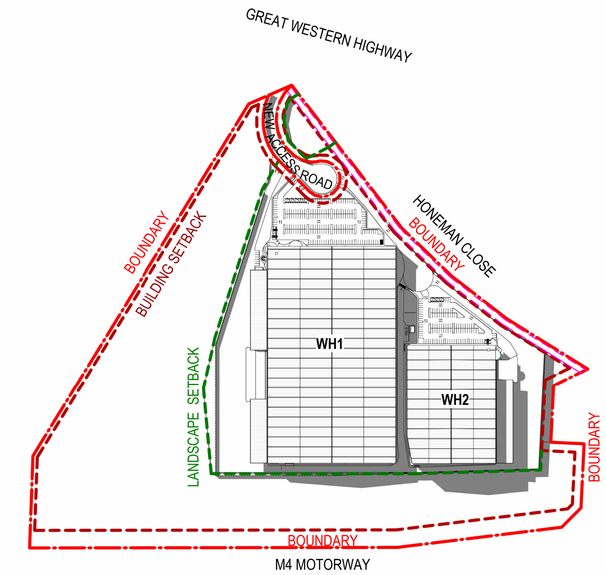

4 WINTER SOLSTICE (21 JUNE) SHADOWS - 12PM 1 : 3500




5 WINTER SOLSTICE (21 JUNE) SHADOWS - 1PM 1 : 3500




6 WINTER SOLSTICE (21 JUNE) SHADOWS - 2PM 1 : 3500




7 WINTER SOLSTICE (21 JUNE) SHADOWS -3PM 1 : 3500

PROPOSED INDUSTRIAL FACILITY - SSD-79500208

GREAT WESTERN HIGHWAY, LOT 16 & 19 IN DP1024111, AND LOT 19 IN DP819317

0m 44 88 175 m

SHADOW DIAGRAMS

Date 21/03/2025 Scale 1:3500@A1, 1:7000@A3 Project No 24267 DA304 A

## LEGEND

2500w X 200d

2500

S1 — ILLUMINATED GOODMAN LIGHT BOX SIGNAGE FIXED TO BUILDING

11000 Approx

2500 Approx

1000 Approx

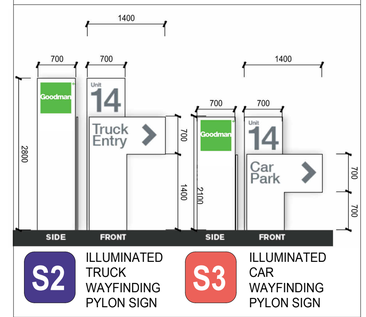
CUSTOMER SIGNAGE

C — NON ILLUMINATED TENANT SIGN FIXED TO BUILDING (ARTWORK TO FUTURE DETAILS)

2

1000

B — NON ILLUMINATED BUILDING IDENTITY SIGN FIXED TO BUILDING (ARTWORK TO FUTURE DETAILS)




S2 — ILLUMINATED TRUCK WAYFINDING PYLON SIGN

S3 — ILLUMINATED CAR WAYFINDING PYLON SIGN

NOTE: SIGNAGE IMAGES NOT TO SCALE

PROPOSED INDUSTRIAL FACILITY - SSD-79500208

GREAT WESTERN HIGHWAY, LOT 16 & 19 IN DP1024111, AND LOT 19 IN DP819317

0m 13 25 50 m

SIGNAGE PLAN

Date 06/03/2025 Scale 1:1000@A1, 1:2000@A3 Project No 24267 DA400 D

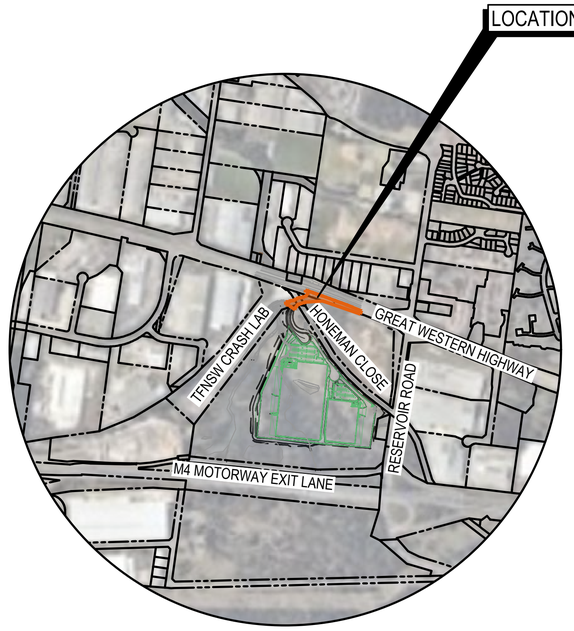
# HONEMAN CLOSE WAREHOUSE FACILITY, HUNTINGWOOD - EXTERNAL INTERSECTION

## STATE SIGNIFICANT DEVELOPMENT APPLICATION - SSD-79500208

## BLACKTOWN CITY COUNCIL

**DRAWING SCHEDULE**

| DRAWING NUMBER | DESCRIPTION |
|---|---|
| GENERAL | |
| HON-AAP-DA-01-DRG-CI-0001 | COVER SHEET, LOCALITY PLAN AND DRAWING SCHEDULE |
| HON-AAP-DA-01-DRG-CI-0201 | FUNCTIONAL LAYOUT PLAN |
| HON-AAP-DA-01-DRG-CI-0241 | TYPICAL ROAD SECTION |
| HON-AAP-DA-01-DRG-CI-0281 | ROAD LONGITUDINAL SECTION |
| HON-AAP-DA-01-DRG-CI-0381 | TURNING PATH PLAN |
| HON-AAP-DA-01-DRG-CI-0501 | COMBINED UTILITES PLAN |




nearmap.com IMAGERY EXTRACTED FROM nearmap.com

DISCLAIMER

THIS MAP HAS BEEN PREPARED USING nearmap.com IMAGERY. THIS DATA IS NOT GUARANTEED TO BE FREE FROM ERROR OR OMISSION. THEREFORE ARCADIS AND ITS EMPLOYEES DISCLAIM LIABILITY OF ANY ACT DONE OR OMISSION MADE ON THE INFORMATION CONTAINED IN THIS DATA AND ANY CONSEQUENCES OF SUCH ACTS OR OMISSIONS. THIS DRAWING IS PROVIDED FOR THE INFORMATION OF THE PERSON OR ORGANISATION TO WHOM ARCADIS PROVIDES IT. IT MAY NOT BE PROVIDED TO, OR USED BY, ANY OTHER PERSON WITHOUT ARCADIS PRIOR WRITTEN CONSENT.

| Issue | Description | DR | CH | VE | Date |
|---|---|---|---|---|---|
| 04 | ISSUE FOR DEVELOPMENT APPLICATION | JL | PC | KM | 20.03.25 |
| 03 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 07.03.25 |
| 02 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 28.02.25 |
| 01 | DRAFT - FOR CLIENT REVIEW | JL | KR | MK | 14.02.25 |

Scales

N

0 100 200 400 600 800 1000m

1 : 10000

Architect

sba

Client

Goodman

Status

FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION

© Copyright reserved

| Original Issue Signatures | | | |
|---|---|---|---|
| Drawn | J. LOPEZ | Original Size | A1 |
| Designed | K. ROBINSON | Height Datum | AHD |
| Project Manager | K. MCAREAVEY | Grid | MGA/20-56 |
| Verified | - | | |

Project

HONEMAN CLOSE
WAREHOUSE FACILITY
EXTERNAL INTERSECTION

Title

COVER SHEET, LOCALITY PLAN AND DRAWING SCHEDULE

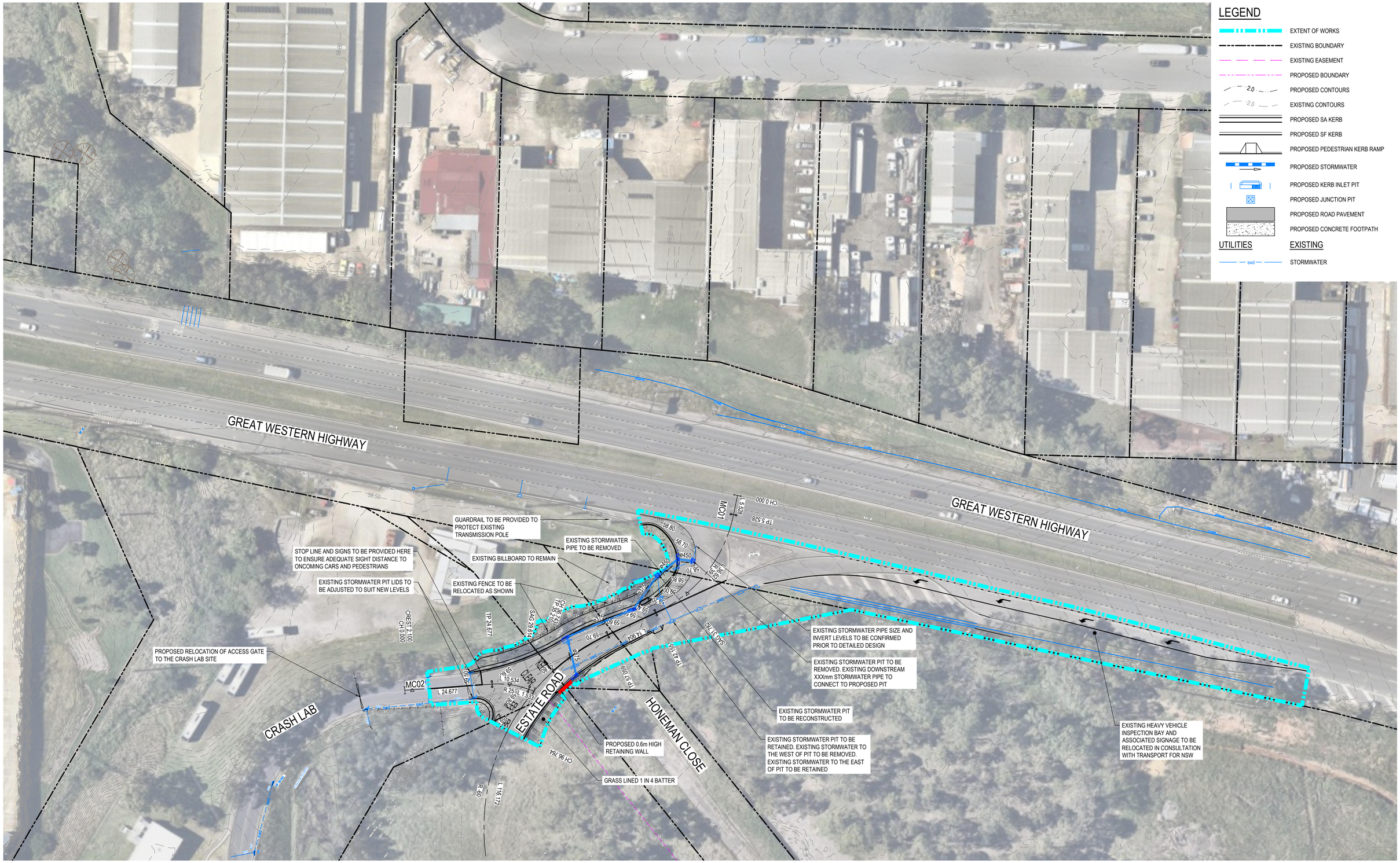
ARCADIS
Arcadis Australia Pacific Pty Limited
Level 16, 580 George Street
SYDNEY NSW 2000
ABN 76 104 485 289
Tel No: +61 2 8907 9000
www.arcadis.com/au

| Project Number | 30206399 |
|---|---|

| Drawing No. | Issue |
|---|---|
| HON-AAP-DA-01-DRG-CI-0001 | 04 |

100mm on Original

Date Plotted: 20 Mar 2025 - 02:12PM File Name: C:\Users\lopezj1319\DC\ACCDocs\Arcadis ACC AU\AAU-30206399-Honeman Close\Project Files\10_WIP\10_Civil\STG_SSDA\01_INT\DRG\HON-AAP-DA-01-DRG-CI-0001-CoverSheetAndDrawingList.dwg




| Issue | Description | DR | CH | VE | Date |
|---|---|---|---|---|---|
| 04 | ISSUE FOR DEVELOPMENT APPLICATION | JL | PC | KM | 20.03.25 |
| 03 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 07.03.25 |
| 02 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 28.02.25 |
| 01 | DRAFT - FOR CLIENT REVIEW | JL | KR | MK | 14.02.25 |

100mm on Original

Scales

0 5 10 20 30 40 50m

1 : 500

Architect

sba

Client

Goodman

Status

FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION

© Copyright reserved

| Original Issue Signatures | | | |
|---|---|---|---|
| Drawn | J. LOPEZ | Original Size | A1 |
| Designed | K. ROBINSON | Height Datum | AHD |
| Project Manager | K. MCAREAVEY | Grid | MGA/20-56 |
| Verified | - | | |

Project

HONEMAN CLOSE
WAREHOUSE FACILITY
EXTERNAL INTERSECTION

Title

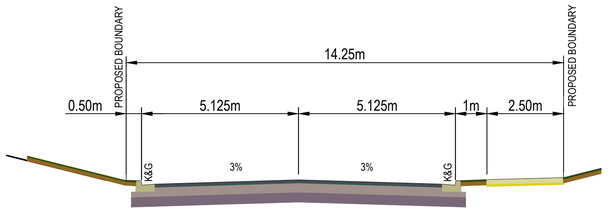
FUNCTIONAL LAYOUT PLAN

ARCADIS
Arcadis Australia Pacific Pty Limited
Level 16, 580 George Street
SYDNEY NSW 2000
ABN 76 104 485 289
Tel No: +61 2 8907 9000
www.arcadis.com/au

| Project Number | 30206399 |
|---|---|

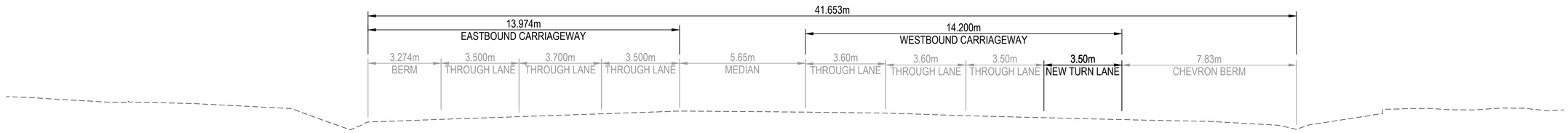
| Drawing No. | Issue |
|---|---|
| HON-AAP-DA-01-DRG-CI-0201 | 04 |

Date Plotted: 20 Mar 2025 - 02:10PM File Name: C:\Users\lopezj1319\DC\ACCDocs\Arcadis ACC AU\AAU-30206399-Honeman Close\Project Files\10_WIP\10_Civil\STG_SSDA\01_INT\DRG\HON-AAP-DA-01-DRG-CI-0201-FunctionalLayout.dwg




## TYPICAL ESTATE AND CRASH LAB ROAD

SCALE 1:100 HORI.
1:100 VERT.




## TYPICAL GREAT WESTERN HIGHWAY AT LEFT TURN INTO SITE

SCALE 1:100 HORI.
1:100 VERT.

| Issue | Description | DR | CH | VE | Date |
|---|---|---|---|---|---|
| 04 | ISSUE FOR DEVELOPMENT APPLICATION | JL | PC | KM | 20.03.25 |
| 03 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 07.03.25 |
| 02 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 28.02.25 |
| 01 | DRAFT - FOR CLIENT REVIEW | JL | KR | MK | 14.02.25 |

Scales

0 1 2 4 6 8 10m

1 : 100

100mm on Original

Architect

sba

Client

Goodman

Status

FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION

© Copyright reserved

| Original Issue Signatures | | | |
|---|---|---|---|
| Drawn | J. LOPEZ | Original Size | A1 |
| Designed | K. ROBINSON | Height Datum | AHD |
| Project Manager | K. MCAREAVEY | Grid | MGA/20-56 |
| Verified | - | | |

Project

HONEMAN CLOSE
WAREHOUSE FACILITY
EXTERNAL INTERSECTION

Title

TYPICAL ROAD
SECTION

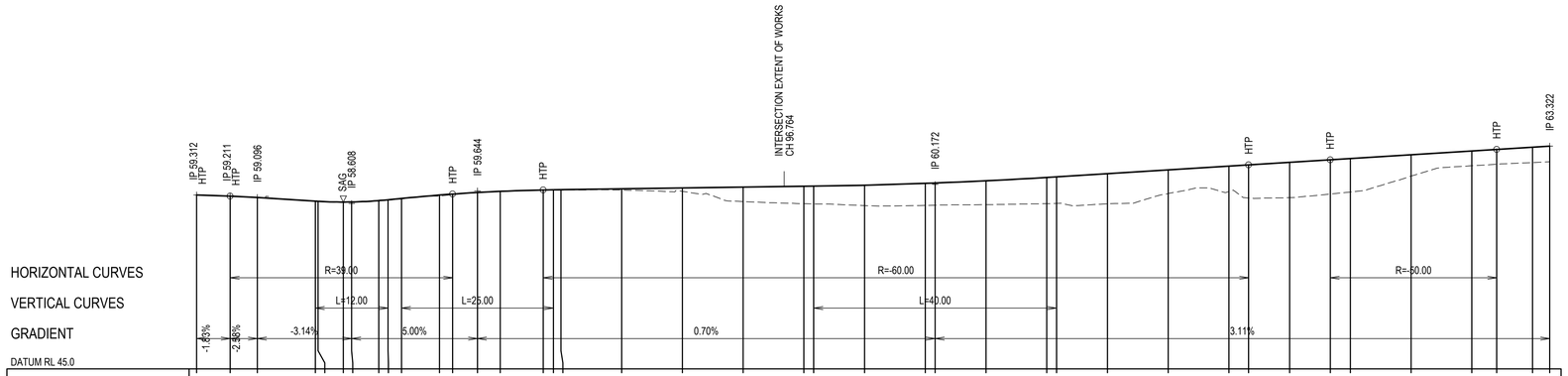
ARCADIS
Arcadis Australia Pacific Pty Limited
Level 16, 580 George Street
SYDNEY NSW 2000
ABN 76 104 485 289
Tel No: +61 2 8907 9000
www.arcadis.com/au

Project Number: 30206399

Drawing No.: HON-AAP-DA-01-DRG-CI-0241

Issue: 04

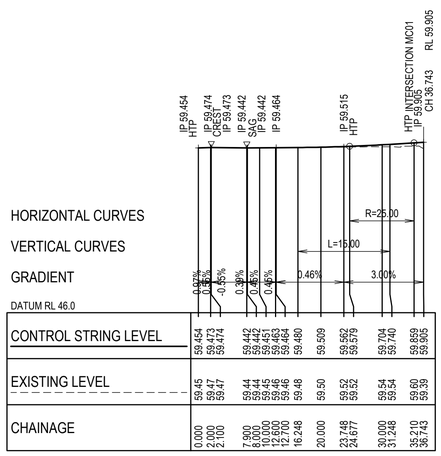
Date Plotted: 20 Mar 2025 - 02:09PM File Name: C:\Users\lopezj1319\DC\ACCDocs\Arcadis ACC AU\AAU-30206399-Honeman Close\Project Files\10_WIP\10_Civil\STG_SSDA\01_INT\DRG\HON-AAP-DA-01-DRG-CI-0241-TypicalRoadSections.dwg




| CONTROL STRING LEVEL | 59.312 | 59.211 | 59.096 | 58.767 | 58.783 | 58.724 | 58.741 | 58.840 | 58.908 | 59.019 | 59.298 | 59.379 | 59.510 | 59.605 | 59.717 | 59.732 | 59.740 | 59.810 | 59.880 | 59.950 | 60.020 | 60.032 | 60.112 | 60.262 | 60.282 | 60.473 | 60.744 | 60.794 | 61.055 | 61.366 | 61.677 | 61.778 | 61.989 | 62.197 | 62.300 | 62.611 | 62.922 | 63.050 | 63.234 | 63.322 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING LEVEL | 59.31 | 59.21 | 59.10 | 58.77 | 58.76 | 58.72 | 58.74 | 58.87 | 58.88 | 58.97 | 59.22 | 59.33 | 59.54 | 59.61 | 59.71 | 59.71 | 59.71 | 59.71 | 59.61 | 58.76 | 58.59 | 58.56 | 58.43 | 58.45 | 58.47 | 58.51 | 58.59 | 58.61 | 58.58 | 59.42 | 59.58 | 59.06 | 59.08 | 59.38 | 59.55 | 60.86 | 61.71 | 61.83 | 61.97 | 62.03 |
| CHAINAGE | 0.000 | 5.528 | 10.000 | 19.530 | 20.000 | 24.156 | 25.530 | 30.000 | 31.530 | 33.742 | 40.000 | 42.155 | 46.242 | 50.000 | 57.059 | 58.742 | 60.000 | 70.000 | 80.000 | 90.000 | 100.000 | 101.627 | 110.000 | 120.000 | 121.627 | 130.000 | 140.000 | 141.627 | 150.000 | 160.000 | 170.000 | 173.231 | 180.000 | 186.883 | 190.000 | 200.000 | 210.000 | 214.090 | 220.000 | 222.821 |

## MC01 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:250 VERT.




| CONTROL STRING LEVEL | 59.454 | 59.473 | 59.474 | 59.442 | 59.444 | 59.451 | 59.464 | 59.480 | 59.509 | 59.562 | 59.579 | 59.704 | 59.740 | 59.859 | 59.905 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING LEVEL | 59.45 | 59.47 | 59.47 | 59.44 | 59.44 | 59.45 | 59.46 | 59.48 | 59.50 | 59.52 | 59.52 | 59.54 | 59.54 | 59.60 | 59.39 |
| CHAINAGE | 0.000 | 2.000 | 2.100 | 7.900 | 8.000 | 10.000 | 12.700 | 16.248 | 20.000 | 23.748 | 24.677 | 30.000 | 31.248 | 35.210 | 36.743 |

## MC02 LONGITUDINAL SECTION

SCALE 1:500 HORI.
1:250 VERT.

| Issue | Description | DR | CH | VE | Date |
|---|---|---|---|---|---|
| 04 | ISSUE FOR DEVELOPMENT APPLICATION | JL | PC | KM | 20.03.25 |
| 03 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 07.03.25 |
| 02 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 28.02.25 |
| 01 | DRAFT - FOR CLIENT REVIEW | JL | KR | MK | 14.02.25 |

Scales

HORZ 0 5 10 20 30 40 50m
1 : 500
VERT 0 5 10 15 20 25m
1 : 250

Architect

sba

Client

Goodman

Status
FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION

© Copyright reserved

| Original Issue Signatures | | | |
|---|---|---|---|
| Drawn | J. LOPEZ | Original Size | A1 |
| Designed | K. ROBINSON | Height Datum | AHD |
| Project Manager | K. MCAREAVEY | Grid | MGA/20-56 |
| Verified | - | | |

Project
HONEMAN CLOSE
WAREHOUSE FACILITY
EXTERNAL INTERSECTION

Title
ROAD LONGITUDINAL SECTION

ARCADIS
Arcadis Australia Pacific Pty Limited
Level 16, 580 George Street
SYDNEY NSW 2000
ABN 76 104 485 289
Tel No: +61 2 8907 9000
www.arcadis.com/au

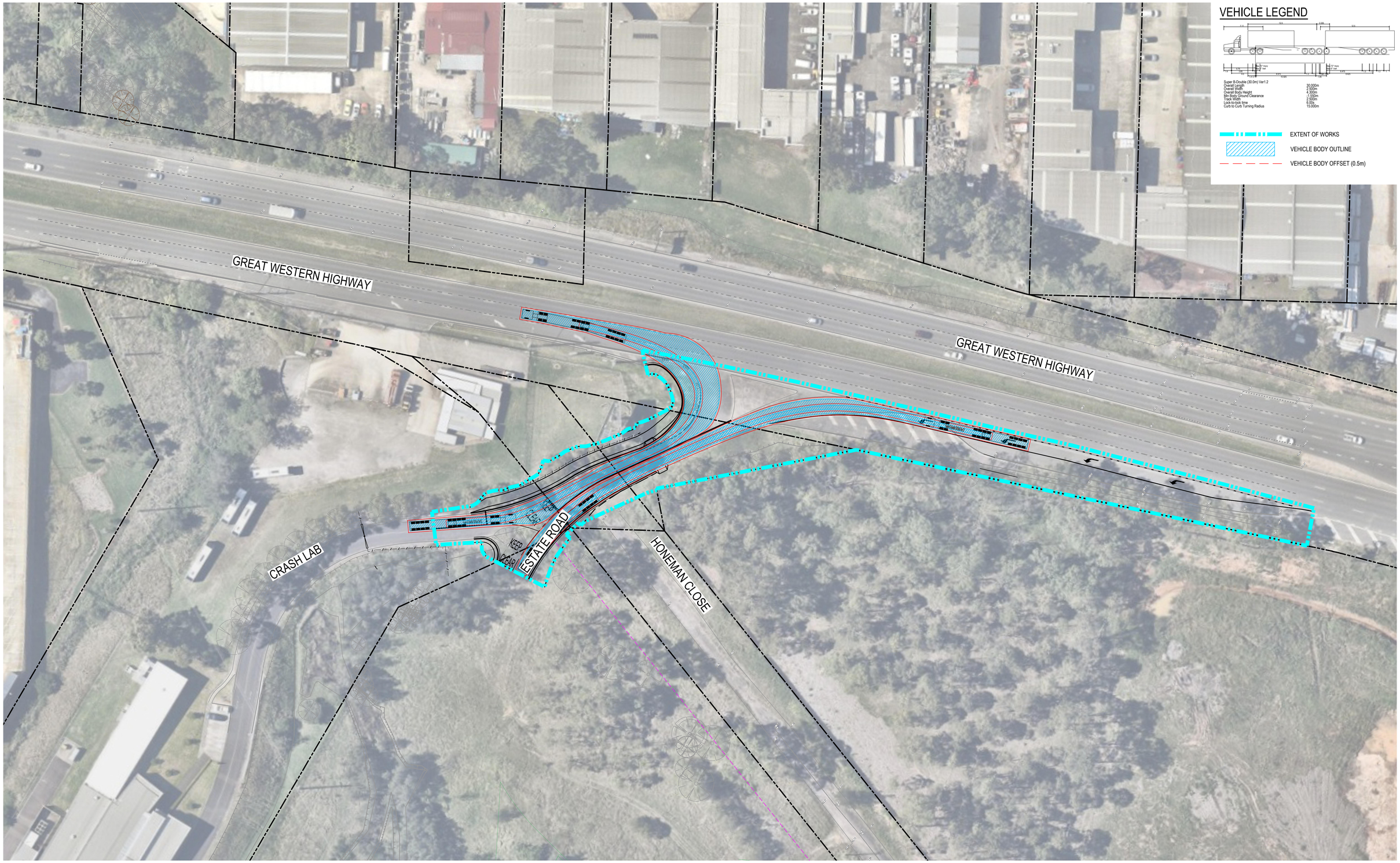
Project Number 30206399

Drawing No. HON-AAP-DA-01-DRG-CI-0281

Issue 04

100mm on Original

Date Plotted: 20 Mar 2025 - 02:08PM File Name: C:\Users\lopezj1319\DC\ACCDocs\Arcadis ACC AU\AAU-30206399-Honeman Close\Project Files\10_WIP\10_Civil\STG_SSDA\01_INT\DRG\HON-AAP-DA-01-DRG-CI-0281-RoadLongitudinalSections.dwg




## VEHICLE LEGEND



| | |
|---|---|
| Super B-Double (30.0m) Ver1.2 | |
| Overall Length | 30.000m |
| Overall Width | 2.500m |
| Overall Body Height | 4.300m |
| Min Body Ground Clearance | 1.000m |
| Track Width | 2.500m |
| Lock-to-lock time | 6.00s |
| Curb to Curb Turning Radius | 15.000m |

EXTENT OF WORKS

VEHICLE BODY OUTLINE

VEHICLE BODY OFFSET (0.5m)

| Issue | Description | DR | CH | VE | Date |
|---|---|---|---|---|---|
| 04 | ISSUE FOR DEVELOPMENT APPLICATION | JL | PC | KM | 20.03.25 |
| 03 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 07.03.25 |
| 02 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 28.02.25 |
| 01 | DRAFT - FOR CLIENT REVIEW | JL | KR | MK | 14.02.25 |

100mm on Original

Scales

0 5 10 20 30 40 50m

1 : 500

Architect

sba

Client

Goodman

Status

FOR REVIEW

NOT TO BE USED FOR CONSTRUCTION

© Copyright reserved

| Original Issue Signatures | | | |
|---|---|---|---|
| Drawn | J. LOPEZ | Original Size | A1 |
| Designed | K. ROBINSON | Height Datum | AHD |
| Project Manager | K. MCAREAVEY | Grid | MGA/20-56 |
| Verified | - | | |

Project

HONEMAN CLOSE
WAREHOUSE FACILITY
EXTERNAL INTERSECTION

Title

TURNING PATH
PLAN

ARCADIS

Arcadis Australia Pacific Pty Limited
Level 16, 580 George Street
SYDNEY NSW 2000
ABN 76 104 485 289

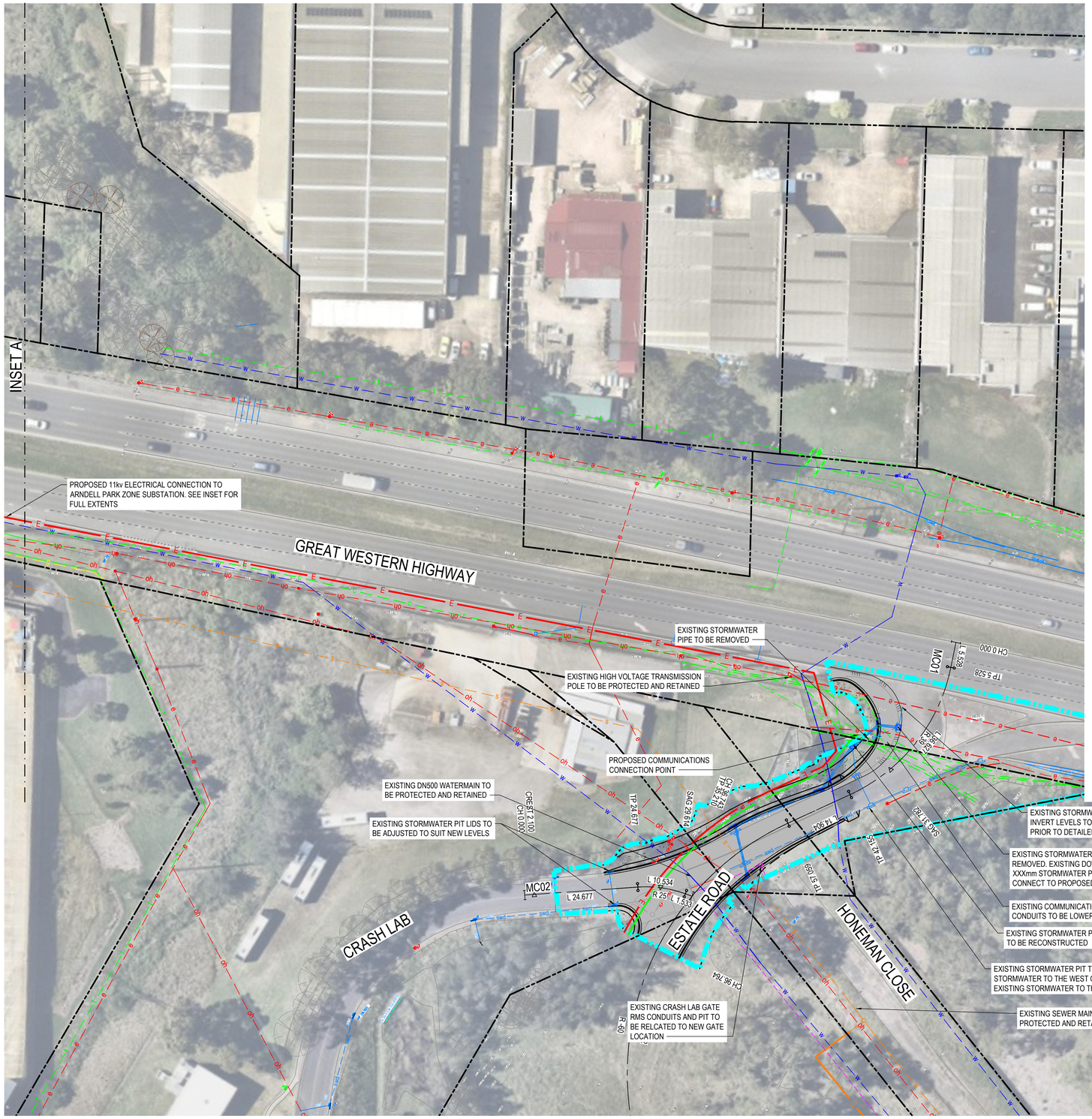
Tel No: +61 2 8907 9000
www.arcadis.com/au

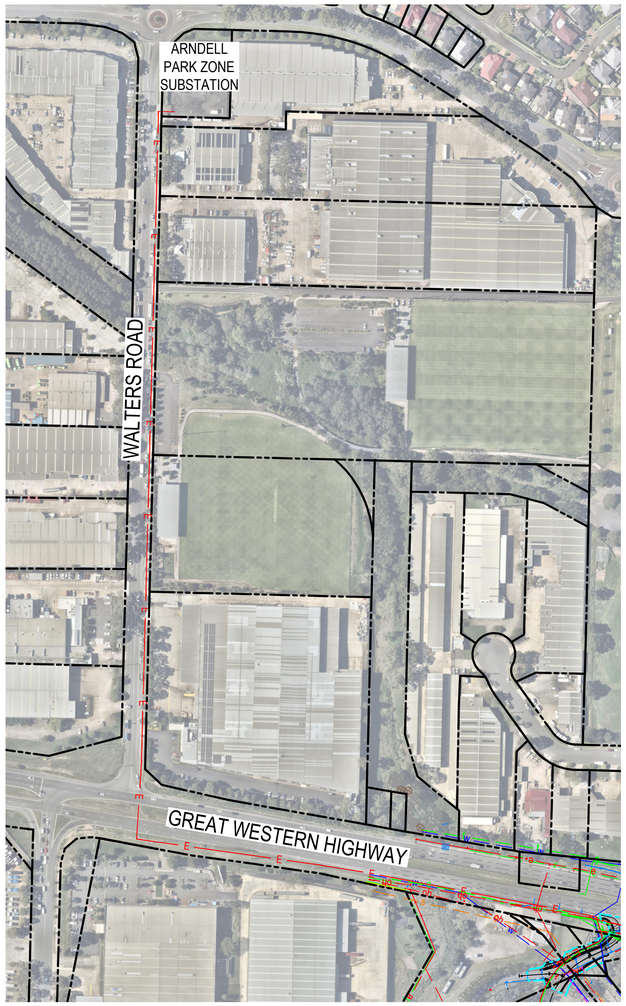
Project Number: 30206399

Drawing No.: HON-AAP-DA-01-DRG-CI-0381

Issue: 04

Date Plotted: 20 Mar 2025 - 02:07PM File Name: C:\Users\lopezj1319\DC\ACCDocs\Arcadis ACC AU\AAU-30206399-Honeman Close\Project Files\10_WIP\10_Civil\STG_SSDA\01_INT\DRG\HON-AAP-DA-01-DRG-CI-0381-TurningPathPlan.dwg




INSET A
SCALE 1:2500

## LEGEND

- EXTENT OF WORKS
- EXISTING BOUNDARY
- EXISTING EASEMENT
- PROPOSED BOUNDARY
- PROPOSED CONTOURS
- EXISTING CONTOURS
- PROPOSED SA KERB
- PROPOSED SF KERB
- PROPOSED PEDESTRIAN KERB RAMP
- PROPOSED STORMWATER
- PROPOSED KERB INLET PIT
- PROPOSED JUNCTION PIT
- PROPOSED ROAD PAVEMENT
- PROPOSED CONCRETE FOOTPATH

| UTILITIES | EXISTING |
|---|---|
| w | WATER |
| c | COMMS |
| oh | OVERHEAD ELECTRICAL |
| e | UNDERGROUND ELECTRICAL |
| s | SEWER |
| swd | STORMWATER |
| c | RMS (CRASH LAB GATE CONDUITS) |

| UTILITIES | PROPOSED |
|---|---|
| C | COMMS |
| E | ELECTRICAL |

| Issue | Description | DR | CH | VE | Date |
|---|---|---|---|---|---|
| 04 | ISSUE FOR DEVELOPMENT APPLICATION | JL | PC | KM | 20.03.25 |
| 03 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 07.03.25 |
| 02 | ISSUE FOR DEVELOPMENT APPLICATION | JL | KR | MK | 28.02.25 |
| 01 | DRAFT - FOR CLIENT REVIEW | JL | KR | MK | 14.02.25 |

100mm on Original

Scales

0 5 10 20 30 40 50m

1 : 500

Architect

sba

Client

Goodman

Status

FOR REVIEW
NOT TO BE USED FOR CONSTRUCTION

© Copyright reserved

| Original Issue Signatures | | | |
|---|---|---|---|
| Drawn | J. LOPEZ | Original Size | A1 |
| Designed | K. ROBINSON | Height Datum | AHD |
| Project Manager | K. MCAREAVEY | Grid | MGA/20-56 |
| Verified | - | | |

Project

HONEMAN CLOSE
WAREHOUSE FACILITY
EXTERNAL INTERSECTION

Title

COMBINED UTILITES PLAN

ARCADIS
Arcadis Australia Pacific Pty Limited
Level 16, 580 George Street
SYDNEY NSW 2000
ABN 76 104 485 289
Tel No: +61 2 8907 9000
www.arcadis.com/au

Project Number: 30206399

Drawing No.: HON-AAP-DA-01-DRG-CI-0501

Issue: 04

Date Plotted: 20 Mar 2025 - 02:13PM File Name: C:\Users\lopezj1319\DC\ACCDocs\Arcadis ACC AU\AAU-30206399-Honeman Close\Project Files\10_WIP\10_Civil\STG_SSDA\01_INT\DRG\HON-AAP-DA-01-DRG-CI-0501-CombinedUtilitiesPlan.dwg

© JBS&G
This document is and shall remain the property of JBS&G. The document may only be used for the purposes for which it was commissioned and in accordance with the Terms of Engagement for the commission. Unauthorised use of this document in any form whatsoever is prohibited

## Document Distribution

| Rev No. | Copies | Recipient | Date |
|---|---|---|---|
| 2 | 1 x Electronic | Lachlan O'Reilly<br>Lachlan.OReilly@goodman.com<br>Stephanie Partridge<br>Stephanie.Partridge@goodman.com | 21/03/2025 |

## Document Status

| Rev No. | Author | Reviewer | Approved for Issue | | |
|---|---|---|---|---|---|
| | | Name | Name | Signature | Date |
| 2 | Daniel Saeed | John De Martin | John De Martin | | 21/03/2025 |

www.jbsg.com.au

JBS&G


**Adelaide**
Kaurna Country | 100 Hutt St,
Adelaide, SA 5000
T: 08 8431 7113

**Brisbane**
Turrbal/Yuggera Country | Level 37,
123 Eagle Street, Brisbane, QLD 4000
T: 07 3211 5350

**Bunbury**
Wardandi Country | 177 Spencer
Street Bunbury, WA 6230
T: 08 9792 4797

**Canberra**
Ngunnawal Country | Level 1, The Realm
18 National Circuit Barton, ACT 2600
T: 02 6198 3278

**Darwin**
Larrakia Country | Suite G1, Level 1,
48-50 Smith Street, Darwin NT 0800
T: 08 8943 0600

**Hobart**
Muwununa/Nuenon Country | Level 2,
137 Liverpool Street, Hobart TAS 7000
T: 03 6208 3700

**Melbourne**
Wurundjeri Country | Level 19,
31 Queen Street, Melbourne VIC 3000
T: 03 9642 0599

**Newcastle**
Awabakal/Worimi Country | 61 / 63
Parry Street Newcastle West, NSW 2302
T: 02 8245 0300

**Perth**
Whadjuk Country | Allendale Square,
Level 9, 77 St Georges Terrace, WA 6000
T: 08 9380 3100

**Sydney**
Gadigal Country | Level 8,
179 Elizabeth Street, Sydney, NSW 2000
T: 02 8245 0300

**Wollongong**
Dharawal Country | Suite 1A, 280 - 286
Keira Street, Wollongong, NSW 2500
T: 02 4225 2647