

ASPECT INDUSTRIAL ESTATE

Construction Environmental Management Plan Stage 1 - BEW & Infrastructure SSD 10448

Prepared for:

Mirvac Projects Pty Ltd
Level 28
200 George Street
Sydney NSW 2000

PREPARED BY

SLR Consulting Australia Pty Ltd
ABN 29 001 584 612
10 Kings Road
New Lambton NSW 2305 Australia
(PO Box 447 New Lambton NSW 2305)
T: +61 2 4037 3200
E: newcastleau@slrconsulting.com www.slrconsulting.com

BASIS OF REPORT

This report has been prepared by SLR Consulting Australia Pty Ltd (SLR) with all reasonable skill, care and diligence, and taking account of the timescale and resources allocated to it by agreement with Mirvac Projects Pty Ltd (the Client). Information reported herein is based on the interpretation of data collected, which has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of the Client. No warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the Client and others in respect of any matters outside the agreed scope of the work.

DOCUMENT CONTROL

Reference	Date	Prepared	Checked	Authorised
610.19127-R04-v1.4	18 July 2022	Kate McKinnon / Chelsey Zuiderwyk	Stephen Shoesmith	Stephen Shoesmith

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1 Introduction

1.1 Development Overview

Aspect Industrial Estate (AIE) is a regional warehouse, distribution and industrial centre located at Kemps Creek within the Penrith local government area (LGA) and forms part of the broader Mamre Road Precinct located within the Western Sydney Employment Area (WSEA) (see **Figure 1**).

Mirvac Property Services (Aust) Pty Ltd (Mirvac) obtained the State Significant Development (SSD) Consent SSD 10448 on 24 May 2021 from the Department of Planning and Environment (DPE) for the AIE Concept Proposal and Stage 1 Development of the AIE (AIE – Stage 1). A copy of SSD 10448 is attached as **Appendix A**.

The AIE Concept Proposal comprises 11 industrial or warehouse and distribution centre buildings, internal road network layout, building locations, gross floor area (GFA), car parking, concept landscaping, building heights, setbacks and built form parameters (see **Figure 2**).

In accordance with the approved Staging Plan (see **Figure 4**), dated 17 June 2022 required by Conditions A10 and A19, Schedule 2 of SSD 10448, AIE – Stage 1 includes the following works:

Bulk Earthworks (BEW) & Infrastructure: Estate-wide earthworks, infrastructure and services; and

Building Works: Construction and use of warehouse and distribution centre buildings proposed in Lots 1 and 3.

This Construction Environmental Management Plan (CEMP) has been prepared to cover only the estate-wide earthworks, infrastructure and services of the approved construction works (Stage 1 – BEW & Infrastructure); and the construction and use of warehouse and distribution centre buildings proposed in Lots 1 and 3 will be covered in separate CEMPs for Lot 1 and Lot 3. This is outlined in detail in **Table 1** below:

Table 1 Detailed Stage 1 Development of the AIE

Stage 1 Development of AIE – Stage 1	Where Addressed
Pre-commencement works including demolition and removal of existing rural structures; site remediation works (as defined within the Remediation Action Plan); and heritage salvage works (if applicable).	This CEMP (Stage 1 – BEW & Infrastructure)
Subdivision construction works including: Creation of roads and access infrastructure, including a signalised intersection with Mamre Road. Clearing of existing vegetation on the subject site and associated dam dewatering and decommissioning. Realignment of existing creek and planting in accordance with a Vegetation Management Plan. On-site bulk earthworks including any required ground dewatering. Importation, placement and compaction of fill as per the Fill Importation Protocol (FIP) (Arcadis 2020a). Construction of boundary retaining walls. Delivery of stormwater infrastructure, trunk service connections, utility infrastructure. Boundary stormwater management, fencing and landscaping. Construction and dedication of internal road network to Penrith City Council. Construction and operation of signalised intersection with Mamre Road.	This CEMP (Stage 1 – BEW & Infrastructure)

Stage 1 Development of AIE – Stage 1	Where Addressed
Building works including the construction and fit out of two warehouse and distribution buildings on Lots 1 and 3; and construction and fit out of a café at Lot 1 (see Figure 3).	Separate CEMPs (Stage 1 - Building Works Lot 1 /Lot 3)
Subdivision of Stage 1.	This CEMP (Stage 1 – BEW & Infrastructure)
Signage	This CEMP (Stage 1 – BEW & Infrastructure)

Future stages of the Estate, including subsequent industrial or warehouse distribution centres buildings, will be confirmed as tenants are secured and will be subject to separate development applications.



Figure 1 Regional Locality

Source: Urbis EIS 2020

SLR



Figure 3 Overall Site Plan Lots 1 and 3

Source: Urbis Rts 2021



- LEGEND
- Stage 01 Riparian Realignment & Erosion Infrastructure Works
 - Stage 01 - Phase 01 Road Infrastructure Works
 - Stage 01 - Phase 01 Bulk Earthworks
 - Stage 01 - Phase 02 Road Infrastructure Works
 - Stage 01 - Phase 03 Road Infrastructure Works
 - Stage 02 Road Infrastructure Works
 - Stage 01 Building Works
 - Stage 02 Building Works
 - Stage 03 Building Works
 - Stage 04 Building Works
 - Stage 05 Building Works
 - Stage 06 Building Works
 - Stage 07 Building Works
 - Stage 08 Building Works
 - Stage 09 Building Works
 - Stage 10 Building Works
 - Stage 11 Building Works

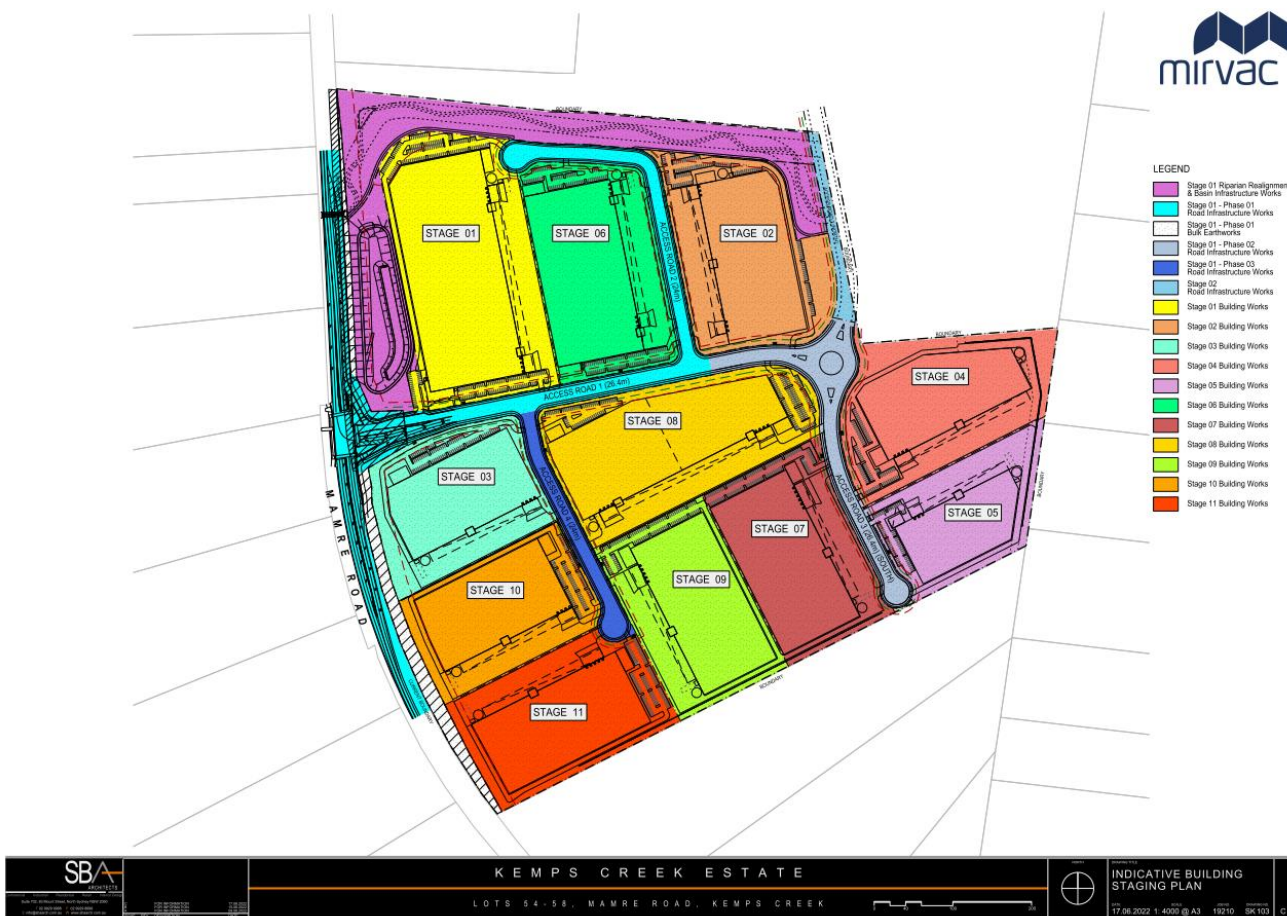


Figure 4 Staging Plan

1.2 CEMP Context

This CEMP has been prepared to address the specific requirements of SSD 10448 and in consideration of the *Guideline for the Preparation of Environmental Management Plans* (Department of Infrastructure, Planning and Natural Resources 2004).

It is noted again that this CEMP has been prepared to cover only Stage 1 – BEW & Infrastructure; and Stage 1 – Building Works for Lot 1 and Lot 3 will be covered in separate CEMPs, as outlined in **Section 1.1** and **Table 1** above.

This CEMP contains the following key components:

- A description of the construction activities to be undertaken on site, including construction staging and timing;
- Environmental management framework, including key contacts, roles and responsibilities, and regulatory requirements;
- Environmental management commitments and responsibilities;
- Monitoring, inspections and reporting requirements;
- Complaints management strategy;
- Environmental incident management strategy; and
- Inclusion of specialist management plans and protocols, listed below:
 - Construction Traffic Management Plan (CTMP);
 - Erosion and Sediment Control Plan;
 - Salinity Management Plan (SMP);
 - Construction Noise and Vibration Management Plan (CNVMP);
 - Construction Air Quality Management Plan (CAQMP);
 - Vegetation Management Plan (VMP);
 - Unexpected Finds Protocol – Contamination (UFP – Contamination);
 - Waste Management Plan (WMP);
 - Community Consultation and Complaints Handling Strategy (CCCHS)
 - Flora and Fauna Management Plan (FFMP);
 - Importation Fill Protocol (IFP);
 - Dam Decommissioning Strategy (DDS);
 - Groundwater Management Plan (GWP); and
 - Unexpected Finds Protocol – Heritage (UFP – Heritage).

The CEMP and specialist management plans will be reviewed, implemented, and monitored together as an integrated suite of documents.

The CEMP will be reviewed by an independent Environmental Representative (ER) to ensure it is consistent with the requirements in or under the Consent for SSD10448. The ER will make a written statement to this effect before the submission of the CEMP to the Planning Secretary.

1.2.1 Scope

This CEMP has been prepared to satisfy Conditions E1, E2, E3 and E4 of SSD 10448. The specific requirements of these consent conditions, along with where these requirements have been addressed within this CEMP, are listed in **Table 2**. In addition to this, all conditions of consent relevant to this CEMP are attached at **Appendix B**, including reference to where they have been addressed.

Table 2 CEMP Conditions Review

SSD 10448 Consent Condition	CEMP Section
E1. Management plans required under this consent must be prepared in accordance with relevant guidelines, and include:	Section 1.2
(a) detailed baseline data;	Appended Management Plans
(b) details of:	
(i) the relevant statutory requirements (including any relevant approval, licence or lease conditions);	Section 3.3
(ii) any relevant limits or performance measures and criteria; and	Appended Management Plans
(iii) the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the development or any management measures;	Appended Management Plans
(c) a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria;	Section 4 Appended Management Plans
(d) a program to monitor and report on the:	
(i) impacts and environmental performance of the development; and	Section 5 Appended Management Plans
(ii) effectiveness of the management measures set out pursuant to paragraph (c) above;	
(e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;	Section 5.2
(f) a program to investigate and implement ways to improve the environmental performance of the development over time;	Section 6
(g) a protocol for managing and reporting any:	
(i) incident and any non-compliance (specifically including any exceedance of the impact assessment criteria and performance criteria);	Section 5.1
(ii) complaint;	
(iii) failure to comply with statutory requirements; and	
(h) a protocol for periodic review of the plan.	Section 6
Note: the Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans	Noted

SSD 10448 Consent Condition	CEMP Section
E2. The Applicant must prepare a Construction Environmental Management Plan (CEMP) in accordance with the requirements of condition E1 and to the satisfaction of the Planning Secretary.	This Plan, refer to Condition E1 cross references above
E3. As part of the CEMP required under condition E2 of this consent, the Applicant must include the following:	-
(a) Construction Traffic Management Plan (see condition D1);	Section 4.5 Appendix I
(b) Erosion and Sediment Control Plan (see condition D25);	Section 4.6 Appendix J
(c) Salinity Management Plan (see condition D33);	Section 4.6 Appendix K
(d) Construction Noise Management Plan (see condition D44);	Section 4.2 Appendix G
(e) Construction Air Quality Management Plan (see condition 56);	Section 4.4 Appendix H
(f) Vegetation Management Plan (see Condition 69)	Sections 4.8 Appendix P
(g) Contamination Unexpected finds procedure (see Condition 77);	Section 4.11 Appendix S
(h) Waste Management Plan (see condition 75); and	Section 4.7 Appendix O
(i) Community Consultation and Complaints Handling.	Section 4.13 Appendix F
E4. The Applicant must:	-
(a) not commence construction of the development until the CEMP is approved by the Planning Secretary; and	This CEMP and appended management plans will be referred to the Secretary for approval
(b) carry out the construction of the development in accordance with the CEMP approved by the Planning Secretary and as revised and approved by the Planning Secretary from time to time.	Noted

It is also noted that Mirvac, the construction contractor and any engaged subcontractors shall at all times operate in compliance with Condition C1 of SSD10448 which reads:

In addition to meeting the specific performance measures and criteria in this consent, all reasonable and feasible measures must be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction and operation of the Stage 1 Development, and any rehabilitation required under this consent.

1.2.2 Objectives

The objectives of this CEMP are to:

- Establish the framework for managing and mitigating the potential for adverse environmental impacts as a result of the construction of Stage 1 – BEW & Infrastructure;
- Clearly and concisely document the commitments made in the EIS (Urbris 2020) and Response to Submissions (RTS) (Urbris 2021), including relevant management plans, that are required to be implemented with during construction;
- Demonstrate to DPE how the applicant proposes to meet all of its regulatory obligations including those outlined in the Conditions of Consent;
- Outline the controls to be implemented by the contractor to meet those obligations;
- Clearly and concisely document the conditions imposed by SSD 10448 that are required to be implemented and/or complied with during the construction phase; and
- Assist to establish Stage 1 – BEW & Infrastructure in a manner that avoids (where possible) or minimises impact to the surrounding environment and community.

1.2.3 Preparation

This CEMP has been prepared by SLR Consulting (Australia) Pty Ltd (SLR). SLR provides global environmental and advisory solutions from a network of offices in Asia-Pacific, Europe, North America and Africa. Author qualifications are listed in **Table 3** below:

Table 3 Author Qualifications

Name, Role & Division	Qualifications	Experience
Stephen Shoesmith Principal Consultant Environmental Assessment & Management	Master of Integrated Environmental Management Bachelor of Environmental Science	Stephen is a Principal Consultant in the SLR Environmental Assessment & Management team and has demonstrated environmental management, impact assessment and policy experience. Stephen has significant site and corporate experience in environmental management, project management, environmental impact assessment, land restoration, decommissioning and closure planning, risk assessment as well as facilitation and preparation of Management Plans. Stephen has also worked as a regulator within the Department of Planning, Industry and Environment, which included post approval reviews, Policy reforms and Major Project Assessments.
Kate McKinnon Associate - Environmental Assessment & Management	MPlan BArts	Kate is an environmental planner with ten years' experience in engagement and development management and planning. Kate's work has included preparation and project management, preparation and stakeholder engagement for developments ranging from large scale green and brown field subdivisions to commercial / industrial developments including significant involvement in projects in the Western Sydney Employment Area. Kate has represented her clients in community forums, development panels and at the Land and Environment Court. Her expertise also includes the preparation of detailed reports and the negotiation and coordination of advice with respect to government departments and stakeholders.
Chelsey Zuiderwyk Senior Project Consultant Environmental Assessment & Management	BSc B.Com	Chelsey is a Senior Project Consultant in the SLR Environmental Assessment & Management team with bachelor's degrees in science and commerce, and 10 years' experience in project management and support, most recently in environmental management. Since joining SLR, Chelsey has been involved in delivering a range of projects including Environmental Management Plans, Environmental Risk Assessments, Review of Environmental Factors, Audit preparation, Annual Reviews, Mining Operations Plans and Rehabilitation Cost Estimates. Prior to joining SLR, Chelsey worked in regional and local government across a broad range of projects including infrastructure management, communications, strategic project support and stakeholder engagement with local and state government on environmental, social and infrastructure programs.

1.2.4 Consultation

In accordance with SSD 10448, consultation has been undertaken with the applicable stakeholders which is summarised in **Table 4**, and documentation attached at **Appendix C**.

Table 4 Consultation

Condition	Comment
<p>Staging Plan</p> <p>A10. Prior to the commencement of construction of any stage of the Concept Proposal, the Applicant shall prepare a Staging Plan for the Development, to the satisfaction of the Planning Secretary. The plan shall:</p> <p>a) be prepared in consultation with Council, utility and service providers and other relevant stakeholders;</p> <p>...</p>	<p>In accordance with Condition A1, Mirvac developed a staging Plan and has consulted with the relevant parties required under the relevant CEMP sub-management plan conditions. A copy of this consultation including any matters resolved or unresolved is attached at Appendix C.</p>
<p>Evidence of Consultation</p> <p>A18. Where conditions of this consent require consultation with an identified party, the Applicant must:</p> <p>(a) consult with the relevant party prior to submitting the subject document to the Planning Secretary for approval; and</p> <p>(b) provide details of the consultation undertaken including:</p> <p>(i) the outcome of that consultation, matters resolved and unresolved; and</p> <p>(ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.</p>	<p>CEMP Consultation: In accordance with Condition C8, Mirvac has consulted with relevant parties required under the relevant CEMP sub-management plan conditions. A copy of this consultation including any matters resolved or unresolved is attached at Appendix C.</p> <p>General consultation: Consultation required under the conditions of consent will be undertaken by the Applicant or the Applicant's representative and provide a minimum of 10 business days' consultation period. Details of this consultation will be provided to the Planning Secretary in accordance with Condition C8(b) prior to submitting any documentation to the Planning Secretary in accordance with Condition C8(a).</p>
<p>Notification of Commencement</p> <p>C7. The Department will be notified in writing of the intended commencement date of construction at least one month prior to construction.</p>	<p>Noted – The Applicant will notify The Department in writing of the intended commencement date of construction within the prescribed timeframe.</p>
<p>Evidence of Consultation</p> <p>C8. Where conditions of this consent require consultation with an identified party, the Applicant must:</p> <p>(a) consult with the relevant party prior to submitting the subject document to the Planning Secretary for approval; and</p> <p>(b) provide details of the consultation undertaken including:</p> <p>(i) the outcome of that consultation, matters resolved and unresolved; and</p> <p>(ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.</p>	<p>Consultation required under the conditions of consent will be undertaken by the Applicant or the Applicant's representative and will provide a minimum 10 business day consultation period. Details of this consultation will be provided to the Planning Secretary in accordance with Condition C8(b) prior to submitting any documentation to the Planning Secretary in accordance with Condition C8(a).</p>

Condition	Comment
<p>Protection of Public Infrastructure</p> <p>C12. Before the commencement of construction, the Applicant must:</p> <p>(a) consult with the relevant owner and provider of services that are likely to be affected by the Stage 1 Development to make suitable arrangements for access to, diversion, protection, and support of the affected infrastructure;</p> <p>(b) prepare a dilapidation report identifying the condition of all public infrastructure in the vicinity of the site (including roads, gutters, and footpaths); and</p> <p>(c) submit a copy of the dilapidation report to the Planning Secretary and TfNSW.</p>	<p>(a) The Applicant has undertaken dial before you dig investigations and detailed survey and potholing to confirm any services likely to be affected by the Stage 1 development. The applicant has made suitable arrangements for either access to, diversion of, protection, and support of any affected infrastructure which includes the following:</p> <ul style="list-style-type: none"> - Endeavour Energy - Telstra / NBN - Jemena - TfNSW - Sydney Water - Penrith City Council - Landowner at 833B (in accordance with Condition D12) <p>(b) A dilapidation report has been prepared in accordance with this condition.</p> <p>(c) Planning Secretary: Dilapidation report was uploaded to the Major Projects Portal on 02/06/2022 under Post Approval Document SSD-10448-PA-4. The Planning Secretary acknowledged receipt of the dilapidation report on 03/06/2022.</p> <p>TfNSW: Dilapidation report was provided to TfNSW via email on 02/06/2022. TfNSW acknowledged receipt on 02/06/2022.</p>
<p>Environmental Representative</p> <p>C31. The Applicant must engage an Environmental Representative (ER) to oversee construction of the Stage 1 Development. Unless otherwise agreed to by the Planning Secretary, construction of the Stage 1 development must not commence until an ER has been approved by the Planning Secretary and engaged by the Applicant. The approved ER must:</p> <p>...</p> <p>(a) attend the Mamre Road Precinct Working Group (see Condition C34) in a consultative role in relation to the environmental performance of the Stage 1 development; and</p> <p>...</p>	<p>ER will attend the Mamre Road Precinct Working Group (see Condition C34), as scheduled</p>

Condition	Comment
<p>Mamre Road Precinct Working Group</p> <p>C34. Within three months of the commencement of construction of the Stage 1 Development and until all components of the Stage 1 development are constructed and operational, the Applicant must establish and participate in a working group with relevant consent holders in the MRP, to the satisfaction of the Planning Secretary. The purpose of the working group is to consult and coordinate construction works within the MRP to assist with managing and mitigating potential cumulative environmental impacts. The working group must:</p> <p>(a) comprise at least one representative of the Applicant, the Applicant's ER, and relevant consent holders in the MRP;</p> <p>(b) meet periodically throughout the year to discuss, formulate and implement measures or strategies to improve monitoring, coordination of the approved industrial developments in the MRP;</p> <p>(c) regularly inform Council, TfNSW, Sydney Water and the Planning Secretary of the outcomes of these meetings and actions to be undertaken by the working group;</p> <p>(d) review the performance of approved industrial developments in the MRP and identify trends in the data with respect to cumulative construction traffic, erosion and sediment control, noise, stormwater management and waterway health objectives under the MRP DCP;</p> <p>(e) review community concerns or complaints with respect to environmental management;</p> <p>(f) identify interim traffic safety measures to manage construction traffic and how these measures will be coordinated, communicated, funded and monitored in the MRP; and</p> <p>(g) provide the Planning Secretary with an update and strategies, if a review under subclause (d) and (e) identifies additional measures and processes are required to be implemented by the working group.</p> <p>C35. Three (3) months prior to completion of construction of all components of the Stage 1 development, the Applicant is eligible to exit the working group required under condition C34. The Applicant must:</p> <p>(a) consult with the Planning Secretary;</p> <p>(b) provide confirmation that all components of the Stage 1 development are operational; and</p> <p>(c) advise on the date of the proposed exit.</p>	<p>The Project Principal and ER have been nominated as responsible for attending and representing the Stage 1 Development at the Mamre Road Precinct Working Group (MRPWG) and will execute all responsibilities as they relate to the Stage 1 Development within Conditions C34 and C35 from commencement to completion of construction.</p> <p>Mirvac have commenced preparation of a protocol for the establishment and facilitation of the Mamre Road Precinct Working Group (MRPWG) to be implemented within three months of the commencement of construction (See MRPWG Protocol at Appendix T).</p>

Condition	Comment
<p>Construction Traffic Management Plan</p> <p>D1. Prior to the commencement of construction of the Stage 1 Development, the Applicant must prepare a Construction Traffic Management Plan (CTMP) for the development to the satisfaction of the Planning Secretary. The plan must form part of the CEMP required by condition E2 and must:</p> <p>(a) be prepared by a suitably qualified and experienced person(s);</p> <p>(b) be prepared in consultation with Council and TfNSW;</p> <p>...</p>	<p>Undertaken as part of the Construction Traffic Management Plan (see Appendix I).</p>
<p>Internal Access Roads</p> <p>D4. Prior to the commencement of any construction works for Building 1 or 3 (excluding site-wide bulk earthworks) as described in the ADR, the Applicant must:</p> <p>(a) prepare a concept design of the Stage 1 Phase 2 road works in accordance with the design requirements in the MRP DCP and in consultation with the relevant roads authority, to the satisfaction of the Planning Secretary; and</p> <p>(b) consult with the relevant roads authority concerning the processes for dedication of the lands for the internal Access Roads 1 and 3 (North and South) including the roundabout shown in Figure 1: in Appendix 1.</p>	<p>Consultation required under the conditions of consent will be undertaken by the Applicant or the Applicant's representative and will provide a minimum 10 business day consultation period. Details of this consultation will be provided to the Planning Secretary in accordance with Condition C8(b) prior to submitting any documentation to the Planning Secretary in accordance with Condition C8(a).</p>
<p>D7. Within six months of the approval of this consent or as otherwise agreed by the Planning Secretary, the Applicant must prepare and submit the following plans to facilitate the construction and delivery of Access Road 3 – North, in consultation with Council and landowner of 784-786 Mamre Road, Kemps Creek (Lot 59 DP259135), and to the satisfaction of the Planning Secretary:</p> <p>(a) a Staging Plan for the riparian corridor realignment works and Access Road 3 – North construction, including:</p> <p>i. details of the scope of works to be undertaken on the site and the adjoining site at 784-786 Mamre Road, Kemps Creek (Lot 59 DP259135) (see Figure 4:);</p> <p>ii. details of how the further riparian corridor realignment and road construction works at the junction between the site and 784-786 Mamre Road, Kemps Creek (Lot 59 DP259135) will be coordinated and delivered;</p> <p>iii. an arrangement on timing of the works; and</p> <p>(b) a detailed design plan of Access Road 3 – North prepared in accordance with the design requirements under the MRP DCP.</p> <p>Note: The detailed design of Access Road 3 - North and any changes to the approved riparian corridor alignment may require modification(s) to SSD-10448 or separate DA(s).</p>	<p>Consultation required under the conditions of consent will be undertaken by the Applicant or the Applicant's representative and will provide a minimum 10 business day consultation period. Details of this consultation will be provided to the Planning Secretary in accordance with Condition C8(b) prior to submitting any documentation to the Planning Secretary in accordance with Condition C8(a).</p>

Condition	Comment
<p>Access Arrangements</p> <p>D10. Prior to the commencement of construction of any works (excluding bulk earthworks) for Buildings 1 or 3, the Applicant must submit design plans to the satisfaction of the relevant roads authority, which demonstrates the proposed accesses to the development are designed to accommodate the turning path of a 30 m PBS Level 2 vehicle.</p> <p>D11. Prior to the commencement of any construction works (excluding bulk earthworks) for Warehouse 1 as described in the EIS, the Applicant must prepare and submit design plans in consultation with TfNSW, FRNSW, and Council, and to the satisfaction of the Planning Secretary, demonstrating access to the development from Access Road 1 complies with relevant FRNSW and TfNSW access requirements.</p>	<p>Consultation required under the conditions of consent will be undertaken by the Applicant or the Applicant's representative and will provide a minimum 10 business day consultation period. Details of this consultation will be provided to the Planning Secretary in accordance with Condition C8(b) prior to submitting any documentation to the Planning Secretary in accordance with Condition C8(a).</p>
<p>Structural Integrity of Road Infrastructure</p> <p>D18. At least six weeks prior to commencement of bulk earthworks within Mamre Road, the Applicant must submit design drawings and documents relating to the excavation of the site and support structures in accordance with TfNSW Technical Direction GTD2012/001.</p>	<p>Noted – The Applicant will submit the required design drawings and documents within the prescribed timeframe.</p>
<p>D19. Should the Applicant propose to excavate below the level of the base of the footings of the adjoining roads and driveways, at least seven days prior to commencement of excavation, the Applicant must provide notice of the intention to excavate below the base of the footings to owner(s) of that roads and driveways. The notice must include complete details of the proposed excavation including but not limited to the extent and duration of works.</p>	<p>Noted – The Applicant will provide notification to the relevant parties prior to commencement of excavation within the prescribed timeframe.</p>
<p>Stormwater Management Plan</p> <p>D30. Within three (3) months prior to the commencement of operation of either Building 1 or 3 of the Stage 1 Development, the Applicant must prepare a Stormwater Management Plan (SMP) to the satisfaction of the Planning Secretary. The SMP must:</p> <p>(a) be prepared by a suitably qualified chartered professional engineer with experience in modelling, design, and supervision of WSUD systems whose appointment has been endorsed by the Planning Secretary;</p> <p>(b) be prepared in consultation with the Environment and Heritage, Sydney Water, DPE, and Council;</p>	<p>This CEMP is for the Civil Infrastructure Works in relation to the Stage 1 approval. The requirements under Condition D30 will be satisfied prior to the commencement of operation of either Building 1 or 3 of the Stage 1 developments. An overview of the consultation requirements will be included within the CEMP for Building 1 or 3.</p>

Condition	Comment
<p>Biodiversity</p> <p>D67. The Applicant must provide the Planning Secretary with evidence that:</p> <p>a) the retirement of ecosystem credits has been completed (see Condition D65); or</p> <p>b) a payment has been made to the Biodiversity Conservation Fund (see Condition D66),</p> <p>prior to undertaking any clearing of native vegetation and <i>Myotis macropus</i> habitat.</p>	<p>Noted – The Applicant will provide evidence of completed credit retirement and payment to the Planning Secretary prior to the undertaking of any clearing of native vegetation and <i>Myotis macropus</i> habitat.</p>

2 Development Description

2.1 Location

AIE is located at 788-864 Mamre Road, Kemps Creek, and is legally described as Lots 54 - 58 DP 259135 in the Mamre Road Precinct within the broader WSEA, which falls within the Penrith LGA. AIE is approximately 56.3 hectares, and is located approximately 6.5km north-east of the future Western Sydney International (Nancy-Bird Walton) Airport (WSA), 13.5km south-east of the Penrith CBD and 40km west of the Sydney CBD.

The site is bound by rural land uses. The site is bound by Mamre Road to the west and agricultural uses to the north, south and east. The historic land uses on the site include rural residential, grazing, dairy farming, poultry farming and horticulture. This land has been rezoned to facilitate future employment with the Mamre Road Precinct.

2.2 Construction Staging and Activities

In accordance with the approved Staging Plan, dated 17th June 2022 required by Conditions A10 and A19, Schedule 2 of SSD 10448, AIE – Stage 1 includes the following works:

Bulk Earthworks (BEW) & Infrastructure: Estate-wide earthworks, infrastructure and services; and

Building Works: Construction and use of warehouse and distribution centre buildings proposed in Lots 1 and 3.

Stage 1 – BEW & Infrastructure consists of pre-commencement works including demolition, site remediation and heritage salvage works, along with subdivision of stage 1 including site wide earthworks, boundary retaining walls, landscaping, utilities, stormwater, signage and the internal road networks. Stage 1 is illustrated in **Figure 2**.

Table 5 summarises key aspects of the construction stages:

Table 5 Construction Staging and Activities

Stage	Indicative Dates	Indicative Duration	Activities
Stage 1 – BEW & Infrastructure	June 2022 – August 2022	8-12 weeks	Site establishment and Demolition works
	June 2022 – December 2023	12-18 months	Excavation activities, Road works and Utilities
	September 2022 - August 2024	24 months	General Construction works (to continue concurrently to excavation activities)

All works will be undertaken in accordance with the Approved Development Consent SSD 10448.

2.3 Construction Hours

Construction hours will be in accordance with Conditions D41 and D42 of Development Consent SSD 10448, which are reproduced below:

D41. The Applicant must comply with the hours detailed in Table 4, unless otherwise agreed in writing by the Planning Secretary.

Table 4 Hours of Work

Activity	Day	Time
Earthworks and construction	Monday – Friday	7 am to 6 pm
	Saturday	8 am to 1 pm
Operation	Monday – Sunday	24 hours

D42. Works outside of the hours identified in condition may be undertaken in the following circumstances:

- (a) works that are inaudible at the nearest sensitive receivers;*
- (b) works agreed to in writing by the Planning Secretary;*
- (c) for the delivery of materials required outside these hours by the NSW Police Force or other authorities for safety reasons; or*
- (d) where it is required in an emergency to avoid the loss of lives, property or to prevent environmental harm.*

The construction hours will be provided to all staff and contractors in the induction (see **Section 3.4.1**). The movements of staff and contractors will be recorded for this project (see **Section 5.1**).

2.4 Construction Site Access

All construction vehicles for the AIE stage 1 will enter and depart the site from / to Mamre Road via a temporary access driveway, which will be constructed on the alignment of the future Access Road. It is anticipated that the largest vehicle accessing the site will be a 20m Articulated Vehicle (AV), which the temporary driveway will be designed for.

Further, in accordance with the Construction Traffic Management Plan (CTMP) (Ason 2022), construction management protocols require that vehicles entering the site access road will have right of way in order to ensure that there is no queuing on Mamre Road.

It is anticipated that for the first stages of construction (at least), access to and from the site onto Mamre Road will be restricted to left-in and left-out movements until the signalised intersection becomes operational.

Site access is detailed within **Figure 5** below.



Figure 5 Site Entry Movements

2.5 Construction Contact Details

Table 6 lists the key contacts during the construction of Stage 1 - BEW & Infrastructure.

Table 6 Construction Contact List

Role	Name	Company	Contact Details
Project Principal	Russell Hogan	Mirvac	0424 441 231 Russell.hogan@mirvac.com
Contractor's Project Manager	David Gardner	Western Earthmoving	0417 466 272 DGardner@wem.com.au
Contractor's Environmental Advisor	Darren Green	Element environment	0418969624 darren@elementenvironmental.com.au
Contractor Work Health and Safety (WHS) Coordinator	James Gill	Western Earthmoving	0434 988 454 JGill@wem.com.au
Project Environmental Representative	Maurice Pignatelli	OptimE	0407 493 176 maurice@optimenv.com.au
Principal's Environmental Consultant (PEC)	Carl Vincent	ERSED	0424 203 046 carl.vincent@ersed.com.au
Communications and Community Liaison Representative	Kate McKinnon	SLR	02 4249 1010 kmckinnon@slrconsulting.com

3 Environmental Management Framework

3.1 Environmental Management Policy

Western Earthmoving (WEM), and all sub-contractors engaged by WEM, will implement their Environmental Policy throughout the duration of construction. A copy of the Environmental Policy is attached as **Appendix D**.

3.2 Roles and Responsibilities

The Construction Contractor for Stage 1 - BEW & Infrastructure works is Western Earthmoving (WEM), and all sub-contractors engaged by WEM.

The Construction Contractor will review, implement and monitor this CEMP and specialist management plans together as an integrated suite of documents.

The key personnel responsible for environmental management during construction of Stage 1 - BEW & Infrastructure are listed in **Table 7**

Table 7 Personnel Responsible for Environmental Management

Role	Responsibilities
Project Principal	<ul style="list-style-type: none"> Environmental reporting responsibility associated with the development. Overall responsibility for environmental management and compliance with SSD 10448 and relevant legislation; Liaise with the Proponent to keep them informed of the project's progress; Record, notify, investigate and respond to any environmental incidents and, where necessary, develop and implement corrective actions; Consult and engage with any subcontractors or interfacing contractors regarding the environmental management of the Site; Attend the Environmental Review Group (ERG) meetings; and Provide adequate environmental inductions/training to employees and contractors regarding their requirements under this CEMP. Provide Project Environmental Representative (ER) with all documentation requested by the ER in order for the ER to perform their functions specified below and a copy of any assessment carried out by the Applicant of whether proposed work is consistent with the consent (which must be provided to the ER before the commencement of the subject work) Attend the Mamre Road Precinct Working Group in a representative role in relation to the Stage 1 development.
Contractor's Project Manager	<ul style="list-style-type: none"> All the responsibilities attributed to the Construction Contractor throughout this CEMP. Environmental reporting responsibility associated with the development. ensuring that the appropriate management response and handling procedures are instigated and carried through in the event of an incident and/or non-compliance.

Role	Responsibilities
Contractor's Environmental Advisor	<ul style="list-style-type: none"> Assist the contractor to execute the responsibilities attributed to the Construction Contractor throughout this CEMP; Provide guidance and assistance to the Contractor regarding the environmental reporting responsibilities associated with the development; Guide the contractor to ensure that the appropriate management response and handling procedures are instigated and carried through in the event of an incident and/or non-compliance.
Project Environmental Representative	<ul style="list-style-type: none"> be a suitably qualified and experienced person who was not involved in the preparation of the EIS, RtS, ADR, and any additional information for the Stage 1 Development and is independent from the design and construction personnel for the Stage 1 Development. receive and respond to communication from the Planning Secretary in relation to the environmental performance of the Stage 1 development. consider and inform the Planning Secretary on matters specified in the terms of this consent. consider and recommend to the Applicant any improvements that may be made to work practices to avoid or minimise adverse impact to the environment and to the community. review the CEMP required in Condition E2 and any other documents that are identified by the Planning Secretary, to ensure they are consistent with requirements in or under this consent and if so: <ul style="list-style-type: none"> make a written statement to this effect before submission of such documents to the Planning Secretary (if those documents are required to be approved by the Planning Secretary) or make a written statement to this effect before the implementation of such documents (if those documents are required to be submitted to the Planning Secretary/Department for information or are not required to be submitted to the Planning Secretary/Department). regularly monitor the implementation of the CEMP to ensure implementation is being carried out in accordance with the document and the terms of this consent. as may be requested by the Planning Secretary, help plan, attend, or undertake audits of the development commissioned by the Department including scoping audits, programming audits, briefings, and site visits. as may be requested by the Planning Secretary, assist the Department in the resolution of community complaints. provide advice to the Applicant on the management and coordination of construction works on the site with adjoining sites in the Mamre Road Precinct in relation to construction traffic management, earthworks and sediment control and noise. prepare and submit to the Planning Secretary and other relevant regulatory agencies, for information, an Environmental Representative Quarterly Report providing the information set out in the Environmental Representative Protocol under the heading 'Environmental Representative Quarterly Reports'. The Environmental Representative Quarterly Report must be submitted within seven calendar days following the end of each quarter for the duration of the ER's engagement for the development, or as otherwise agreed with the Planning Secretary Attend the Mamre Road Precinct Working Group in a consultative role in relation to the environmental performance of the Stage 1 development.

Role	Responsibilities
Contractor's WHS Coordinator	<ul style="list-style-type: none"> • Ensure the legislative and corporate safety, health and environment management measures and controls are implemented and maintained; • Participate in risk and hazard identification and control; • Participate in incident investigations and management; and • Participate in health and safety inspections.
Principal's Environmental Consultant (PEC)	<ul style="list-style-type: none"> • Provide the Principal advice and guidance relating to Environmental reporting responsibilities associated with the development; • Provide the Principal advice and guidance relating to environmental management and compliance with SSD 10448 and relevant legislation; • Assist the Principal in providing the Project Environmental Representative (ER) with all documentation requested by the ER in order for the ER to perform their functions; • Provide guidance for the reporting, notification, investigation and response to any environmental incidents and, where necessary, develop and implement corrective actions; • Providing advice to the Principal in relation to any subcontractors or interfacing contractors regarding the environmental management of the Site.
Communications and Community Liaison Representative	<ul style="list-style-type: none"> • Lead and manage the community involvement activities, including liaison with property owners and key stakeholders; • Be the primary daily contact to the public handling of enquiries / complaints management / interface issues; • Maintain the complaints register and make available the complaints register to the ER on a daily basis. • Be available for contact by local residents and the community at all reasonable times to answer any questions; • Liaise with property owners to co-ordinate access and to deal with specific property related issues arising from the upgrade works; • Lead the delivery of communication and community engagement strategies and plans; • Facilitate meetings, forums and arranging interviews to address concerns from community; • Provide advice and participate with the project teams to improve and enhance the delivery of communication services to the community; • Build, maintain collaborative and consultative working relationships with internal and external stakeholders; and • Be available for contact by local residents, key stakeholders and community representatives to answer queries and provide more information or feedback.
All employees, contractors and subcontractors	<ul style="list-style-type: none"> • Ensure familiarity, implementation and compliance with this CEMP and appended management plans; • Support the Proponent's commitment to sustainability, environmental management and compliance; • Work in a manner that will not harm the environment or impact on surrounding receptors; • Report all environmental incidents, non-compliances and complaints to the Project Manager without delay; • Immediately notify the Contractor's Project Manager of any hazard or potential hazard that may result in an incident and/or non-compliance, regardless of the nature or scale; • Take immediate action (where it is safe to do so) to prevent, stop, contain and/or minimise any adverse impact associated with an incident and/or non-compliance; and • Report any inappropriate construction practices and/or environmental management practices to the Project Manager without delay.

3.3 Statutory Requirements

3.3.1 SSD 10448

The Development will be constructed in accordance with Condition C2 of SSD 10448, The Development will be carried out:

- (a) in compliance with the conditions of the Development Consent;
- (b) in accordance with all written directions of the Planning Secretary;
- (c) in accordance with the EIS (Urbis, 2020), the Response to Submissions (Urbis 2021) and Additional Development Report (Urbis 2022);
- (d) in accordance with the Development Layout attached to the Development Consent at Appendix 2; and
- (e) in accordance with the management and mitigation measures attached to the Development Consent at Appendix 5.

In accordance with Condition C3 of SSD 10448, consistent with the requirements of the Development Consent, the Planning Secretary may make written directions to Mirvac in relation to:

- (a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary; and
- (b) the implementation of any actions or measures contained in any such document referred to in condition C2(a) of the Development Consent.

In accordance with Condition C4 of SSD 10448, the conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and a document listed in condition C2(c) or C2(e). In the event of an inconsistency, ambiguity or conflict between any of the documents listed in condition C2(c) or C2(e), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict. The Project Manager will be notified if any inconsistencies are identified.

SSD 10448 imposes a number of environmental performance and management requirements applicable to the construction of Stage 1 – BEW & Infrastructure.

A copy of the Consent for SSD 10448 is attached at **Appendix A** and all conditions of consent relevant to this CEMP are attached at **Appendix B**.

3.3.2 Other licences, permits, approvals and consents

Table 8 summarises the additional licences, permits, approvals and consents required throughout these works. This information has been summarised from the SSD 10448 Consent Conditions, the EIS (Urbis 2020), and contributions from Mirvac. It is the Construction Contractor's responsibility to ensure that any license, permit, approvals listed in (but not limited to) **Table 8**, has been obtained in the required timeframe.

A current list of licences, permits, approvals and consents, and their status, including any new additions as the project progresses, will be included in the Construction Contractor's monthly report to Mirvac.

It is noted that an Environment Protection Licence (EPL) is not required, although the EPA have advised that if any future tenancies involve a scheduled activity pursuant to the POEO Act, an EPL would be required prior to undertaking the activity (NSW DPE 2022).

Table 8 Other licences, permits, approvals and consents

Licence, permit, approval or consent	Person Responsible	Timing	References / Notes
All relevant approvals from utility service providers.	Mirvac	Before construction of any utility works	SSD 10448 Condition C26
A Compliance Certificate for water and sewerage infrastructure servicing at the site will be obtained.	Mirvac	Before the commencement of operation	SSD 10448 Condition C27
Evidence from the carrier that the fibre ready facilities are fit for purpose.	Mirvac	Before final Occupation Certificate issued	SSD 10448 Condition C29
The Applicant must construct and operate the Stage 1 Phase 1 road works shown in Figure 4: in Appendix 2 of SSD 10448 to the satisfaction of relevant road authority.	Construction Contractor (Mirvac for operation)	Prior to issue of an Occupation Certificate for Building 1 or 3 (whichever is first)	SSD 10448 Condition D6
Works Authorisation Deed (WAD) with TfNSW for intersection works	Mirvac	Prior to the submission of the detailed design	SSD 10448 Condition D12 & D13
The Applicant must finalise and submit the detailed design of the intersection works, including an endorsed Traffic Signal Plan (TSP) to TfNSW for approval. The TSP must: a) demonstrate the proposed traffic control light at the intersection is designed in accordance with Austroads Guide to Road Design, RMS Signal Design Manual, and Australian Codes of Practice; and b) be approved and endorsed by a suitably qualified practitioner.	Mirvac	Prior to the issue of a construction certificate for the Mamre Road/Access Road 1 intersection construction (the intersection)	SSD 10448 Condition D14
A Road Occupancy Licence (ROL) must be obtained from TfNSW Transport Management Centre for any works that may impact on traffic flows on Mamre Road during construction.	Construction Contractor	Prior to works that may impact on traffic flows on Mamre Road during construction.	SSD 10448 Condition D15
Detailed design plans of the proposed kerb and gutter on Mamre Road within the site's boundaries are to be submitted to TfNSW for approval.	Mirvac	Prior to the issue of a Construction Certificate and commencement of any road works within Mamre Road	SSD 10448 Condition D16
The Applicant must prepare and submit detailed design plans and hydraulic calculations of any changes to the stormwater drainage system to TfNSW for approval.	Mirvac	Prior to commencement of any works on Mamre Road	SSD 10448 Condition D17

Licence, permit, approval or consent	Person Responsible	Timing	References / Notes
<p>D67. The Applicant must provide the Planning Secretary with evidence that:</p> <p>c) the retirement of ecosystem credits has been completed (see Condition D65); or</p> <p>d) a payment has been made to the Biodiversity Conservation Fund (see Condition D66)</p>	Mirvac	Prior to undertaking any clearing of native vegetation and <i>Myotis macropus</i> habitat.	SSD 10448 Condition D67
<p>During the dam dewatering process, the aquatic fauna relocation must be performed by a person with one of the following licenses/approvals:</p> <ul style="list-style-type: none"> • Section 37 Fisheries Management Act 1994 (for fish) • Biodiversity Conservation Licence – Biodiversity Conservation Act 2016 (for turtles, frogs, wetland birds) • Animal Research Authority (issued by the Secretary's Animal Care & Ethics Committee). 	Construction Contractor	During dam dewatering	FFMP Section 2.1
<p>If fauna is to be relocated on site, the following permits would be required:</p> <ul style="list-style-type: none"> ▪ Section 120, National Parks and Wildlife Act 1974 (for amphibians, birds and reptiles) issued by DPIE – Environment ▪ Section 121 National Parks and Wildlife Act 1974 (for the landowner but the ecologies may act as an agent). 	Construction Contractor	During fauna relocation	EIS Section 5.6.3

3.4 Inductions and Environmental Training

The Contractor's Project Manager will ensure that all employees and contractors involved in the project are appropriately inducted and trained prior to commencing work on site. Training in relation to environmental responsibilities and implementation of this CEMP will take place initially through the site induction training and then on an ongoing basis through 'toolbox talks' (or similar).

All employees, contractors (and their sub-contractors) conducting environmental training and site staff assigning work activities will demonstrate that they are competent and appropriately trained to train and manage construction site specific environmental issues.

Inductions and Training will meet the objectives of Condition C19 of SSD 10448, which is to ensure that all employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the SSD 10448 Consent Conditions relevant to activities they carry out in respect of the development.

A register of all environmental training carried out, including dates, names of persons trained, and trainer name and qualification details will be established and maintained for the duration of works.

3.4.1 Environmental Induction Training

The environmental induction training will cover all elements of the CEMP and will include, as a minimum, the following:

Table 9 Environmental Induction Training

Inductions and Environmental Training	Reference / Notes
Purpose and objectives of the CEMP	Section 1.2
Obligation to minimise harm to the environment	Section 1.2.1
Hours of Construction	Section 2.3
Requirements of due diligence and duty of care	Section 3.1
Conditions of any environmental licences, permits and consent approvals	Section 3.3
Potential environmental emergencies on site and the emergency response procedures (including the Emergency Spill Response Plan), locations and training in the use of emergency spill kits for spills on water and on land	Section 3.5 and Section 4
Reporting, and notification and management requirements for pollution, contamination and other environmental incidents, and for damage and maintenance to environmental controls	Section 3.5 and 5.1
High-risk activities and associated environmental safeguards i.e. earthworks, vegetation clearing, night works, operation and maintenance of concrete washouts, and washing, refuelling and maintenance of plant and equipment	Section 4
Location of reuse bins, washing, refuelling and maintenance of vehicles, plant and equipment	Section 4
Noise, vibration, and air quality management controls	Section 4.2, 4.3 and 4.4
Drivers' code of Conduct	Section 4.5
Construction Traffic Management including permitted access routes to and from the construction site for all vehicles, as well as standard environmental, work, health and safety (WHS), driver protocols and emergency procedures.	Section 4.5
Sound erosion and sediment control practices, water quality controls and sediment basin management	Section 4.6

Inductions and Environmental Training	Reference / Notes
Waste minimisation principles	Section 4.7
Stop work protocol in the event of the discovery of Aboriginal or Historic item or object of significance	Section 4.10
Induction requirements as per the UFP – Contamination	Section 4.11
When there is a risk of fire being caused by work such as welding, thermal or oxygen cutting, heating or other fire producing or spark producing operations or when burning off is proposed, training will be provided to all personnel in fire prevention, fire safety and basic firefighting skills.	4.12

3.4.2 Toolbox Talks

Toolbox talks or similar will be held to identify environmental issues and controls when works commence in a new area of the site or a new activity, as well as when environmental issues arise on site. The toolbox talk will include but not be limited to:

- A description of the activity and the area;
- Identification of the environmental issues and risks for the area (including fauna or flora); and
- Outline the mitigations measures for the works and the area (see **Section 4**).

3.5 Incident and Non-Compliance Response and Handling Procedure

For the purposes of this CEMP, SSD 10448 describes an 'incident' as an occurrence or set of circumstances that causes or threatens to cause material harm and which may or may not be or cause a non-compliance. SSD 10448 describes a 'non-compliance' as an occurrence, set of circumstances or development that is a breach of the consent.

Material Harm is defined within SSD 10448 as harm that:

- (a) *involves actual or potential harm to the health or safety of human beings or to the environment that is not trivial, or*
- (b) *(b) results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000, (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment)*

Table 7 below summarises the required notification timeframes and responsible parties for incident and/or non compliance notification with further details provided within this section at the provided Cross Reference(s).

Table 10 Material Harm Incident and Non Compliance Notification

Notification Requirement	Responsible	Timeframe	Reference
Incidents			
Upon awareness of an incident, the Contractors Project Manager shall be notified of and provided with all relevant information pertaining to the potential or actual incident.	Any person engaged as an employee or undertaking an activity with regard to Stage 1 - BEW & Infrastructure	Immediately after becoming aware of a potential or actual incident	CEMP 3.5.2
The Contractor's Project Manager will notify Mirvac of any incident including all relevant information pertaining to the incident.	Contractor's Project Manager	Immediately after becoming aware of a potential or actual incident	CEMP 3.5.2
Mirvac will notify DPE of an incident in writing via the Major Projects Website.	Mirvac	Immediately	CEMP 3.5.1.2
An Event Notification Report will be completed and provided to Mirvac. This is attached to this CEMP as Appendix E .	Contractor's Project Manager	Within 24 hours	Appendix E
Mirvac will provide a formal written notification of an incident to DPE via the Major Projects Website.	Mirvac	Within 7 days after becoming aware of incident	CEMP 3.5.1.2
Mirvac will provide DPE and any relevant public authorities a detailed report on the incident	Mirvac	Within 30 days of the incident occurring or as otherwise agreed to by the Planning Secretary	CEMP 3.5.1.1 & 3.5.1.2
Non-Compliance			
Provide written notification of the non-compliance to the Major Projects website.	Mirvac	Within 7 days after becoming aware of non-compliance	CEMP 3.5.1.3

3.5.1 Notification Requirements

3.5.1.1 Under the Protection of the Environment Operations Act 1997 (POEO Act)

Notification responsibilities for incidents that have caused or threatened to cause material harm to the environment are also detailed in Section 148 of the POEO Act. In summary, these are broadly categorised as:

Duty of an employee or any person undertaking an activity:

Any person engaged as an employee or undertaking an activity with regard to Stage 1 - BEW & Infrastructure will, immediately after becoming aware of any potential incident (even if outside of normal business hours), notify the Contractor's Project Manager who will notify Mirvac of the incident and all relevant information about it. The Contractor's Project Manager will be available 24 hours a day, seven days a week and have the authority to stop or direct works.

Duty of an employer or occupier of the premises to notify:

The employer or occupier of the premises (in this case Mirvac) on which the incident occurred, who is notified (or otherwise becomes aware of) of the incident, will immediately notify the relevant authorities about the incident and all relevant information.

Under the POEO Act, "relevant authority" means any of the following:

- The appropriate regulatory authority – the Environment Protection Authority (EPA);
- If the EPA is not the appropriate regulatory authority – the local authority for the area in which the pollution incident occurs (i.e. Council);
- NSW Public Health Unit;
- SafeWork NSW; and
- Fire and Rescue NSW.

Table 11 lists the contact details for these authorities. The person reporting the pollution incident will provide the following key details:

- Location of the pollution incident/emergency;
- Nature of the pollution incident/emergency;
- Their name and contact details; and
- Details of any required assistance.

Table 11 Regulatory Authority Contact List for Material Harm Incidents

Regulatory Authority / Stakeholder	Key Contact	Contact Details
Department of Planning, Industry and Environment (DPE)	Compliance Unit	Major Projects Portal
Environment Protection Authority (EPA)	Environment Line	131 555 info@environment.nsw.gov.au
	Head office (Sydney)	02 9995 5000

Regulatory Authority / Stakeholder	Key Contact	Contact Details	
Environment, Energy and Science (EES) Group	Main switchboard	1300 361 967 info@environment.nsw.gov.au	
Penrith City Council	Main switchboard	02 4732 777 council@penrith.city	
Water NSW	Main switchboard	1300 662 077 Customer.Helpdesk@waternsw.com.au	
	Incident Notification Number – 24 hours	1800 061 069	
NSW Public Health Unit	Sydney Local Health District	Business hours: 1300 066 055 After hours: 02 9515 6111	
SafeWork NSW	Incident Notification Hotline	131 050 Select Option 3 to report a “Serious Incident or Fatality” – this will result in the incident being recorded and the appropriate person being contacted.	
Emergency Services	NSW Police NSW Fire and Rescue NSW Ambulance Service	131 444 1300 729 579 -	In case of emergency – 000

3.5.1.2 Under the Conditions of SSD 10448

In accordance with Condition E10 of Development Consent SSD 10448, once the Mirvac becomes aware of an incident Mirvac is required to immediately notify the Planning Secretary via the Major Projects website. The notification must identify the development (including the development application number and the name of the development if it has one) and set out the location and nature of the incident.

In accordance with Appendix 6 of Development Consent SSD 10448 a written incident notification addressing the requirements of Appendix 6 is required to be provided to the Planning Secretary via the Major Projects website within seven days. The written notification of an incident must:

- Identify the development and application number;
- Provide details of the incident (date, time, location, a brief description of what occurred and why it is classified as an incident);
- Identify how the incident was detected;
- Identify when the applicant became aware of the incident;
- Identify any actual or potential non-compliance with conditions of consent;
- Describe what immediate steps were taken in relation to the incident;
- Identify further action(s) that will be taken in relation to the incident; and
- Identify a project contact for further communication regarding the incident.

In accordance with Appendix 6 of Development Consent SSD 10448 a detailed incident report is then to be provided to the Planning Secretary and any other relevant public authorities within 30 days of the incident. The Incident Report must include:

- Summary of the incident;
- Outcomes of an incident investigation, including identification of the cause of the incident;
- Details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence; and
- Details of any communication with other stakeholders regarding the incident.

3.5.1.3 Non-Compliances

In accordance with Condition E11 of SSD 10448, the Planning Secretary must be notified in writing via the Major Projects website within seven days after the Proponent becomes aware of any non-compliance.

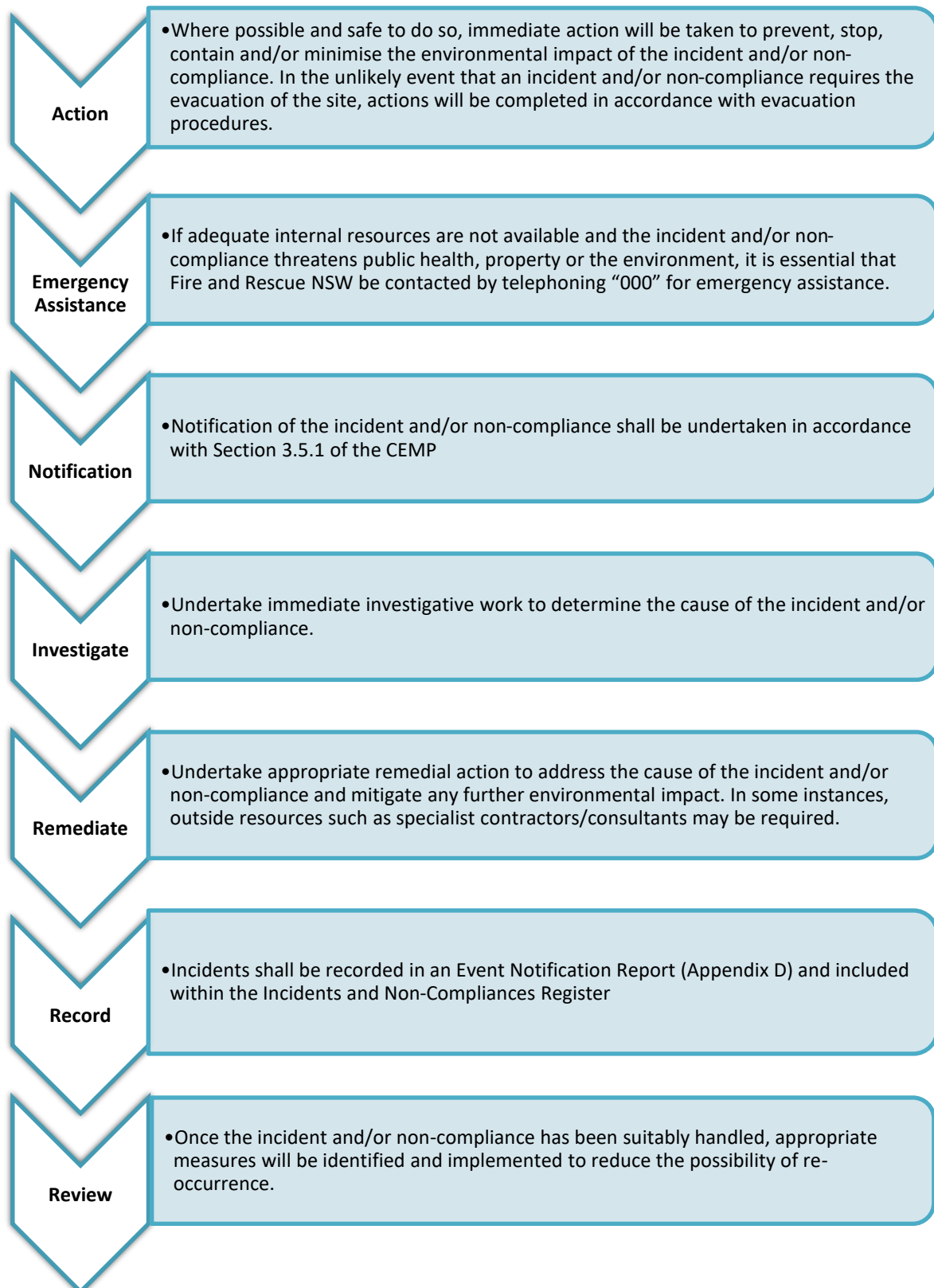
E12 of SSD 10448 states a non-compliance notification must identify the development and the application number for it, set out the condition of consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.

E13 of SSD 10448 notes that a non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.

3.5.2 Incidents and Non-Compliance Handling Procedure

Upon becoming aware of an incident and/or non-compliance, the procedure outlined in **Figure 6** will be followed.

Figure 6 Incidents and Non-Compliance Handling Procedure



3.5.3 Incidents and Non-Compliance Register

An Incidents and Non-Compliance Register will be maintained during construction and will contain the following:

- A copy of the environmental incident and non-compliance notification requirements and handling procedure contained above in **Section 3.5.1** and **3.5.2**;
- Site evacuation procedures;
- A separate reference sheet containing the contact details for the contacts listed in **Table 6** and the contact details for the regulatory authorities listed in **Table 11**
- Blank hard copies of the Event Notification Report; and
- Copies of all completed Event Notification Reports, which are to be maintained for at least five years after the event to which they relate.

3.5.4 Minor Environmental Incidents

There is the possibility of minor environmental incidents occurring as part of this project. SLR have defined a 'Minor Environmental Incident' as an incident where there has been no potential or actual material harm to the environment (see 'material harm' definition outlined in **Section 3.5.3**). Examples may include excessive dust impacts sighted by the project team or a small contained hydrocarbon spill that does not leave a site boundary and are cleaned up without residual on-site environmental harm (RMS, 2018).

Minor environmental incidents will still be handled under the process outlined in **Section 3.5.2** except there will be no requirement for notification of government agencies. All minor or major incidents will be recorded in the Incidents and Non-Compliance Register. A minor incident does not constitute a non-compliance under the conditions of SSD10448.

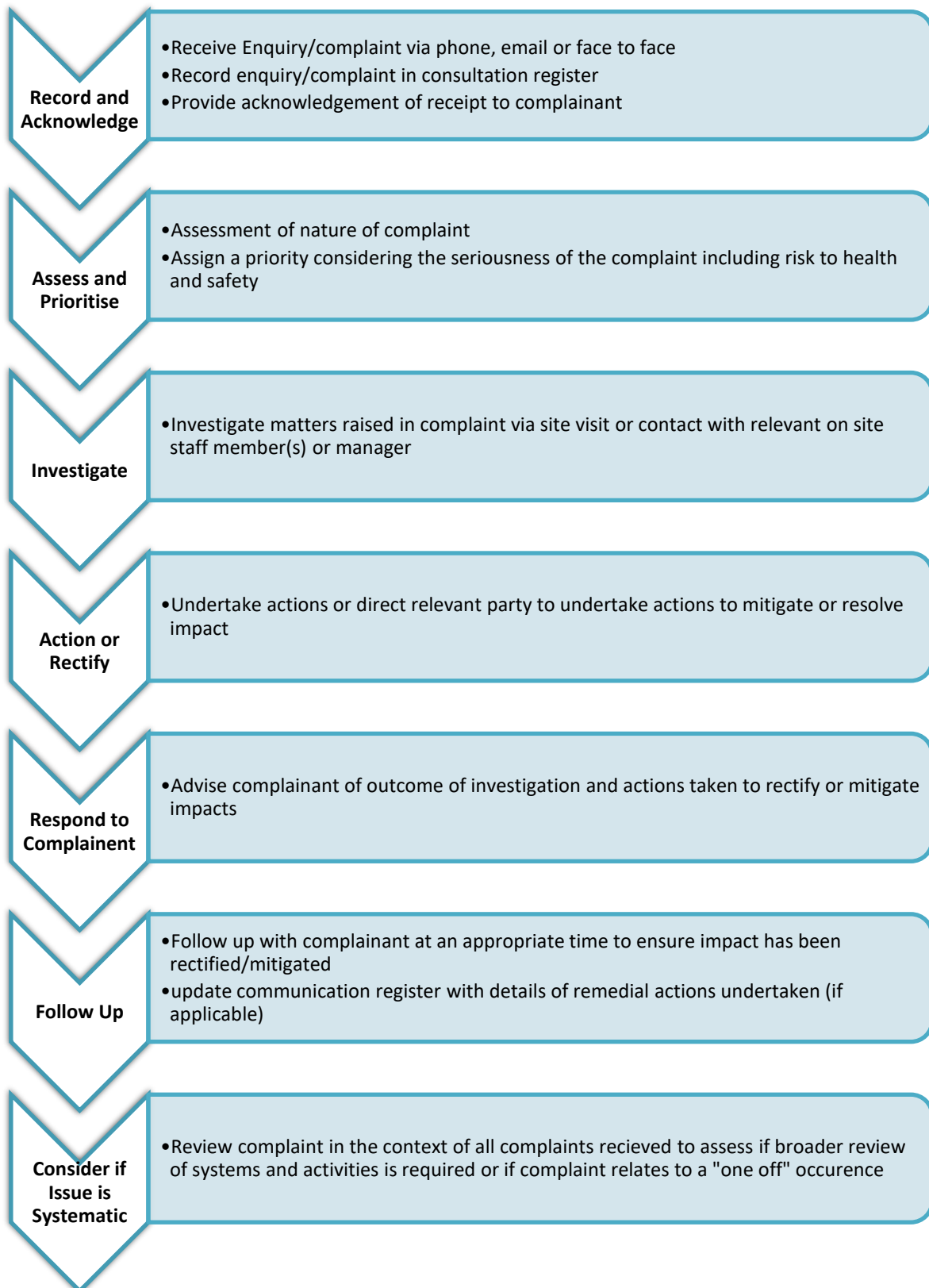
3.6 Complaints Response and Handling Procedure

All complaints will be handled in accordance with the *Community Consultation and Complaints Handling Strategy* (CCCHS) (SLR, 2022) (see **Appendix F**).

All employees who take receipt of a complaint, either verbal or written, are to take note of the name and contact details of the complainant and the nature of the complaint and immediately notify the Contractor's Project Manager, who will then contact the CCLR to commence.

The following complaints handling procedure is duplicated from the CCCHS for quick reference. For further detail please consult the CCCHS.

Figure 7 Complaints Handling Procedure



1. Record and Acknowledge

Any employee who takes receipt of a complaint, either verbal or written, are to immediately notify the Contractor's Project Manager who will then contact the Communications and Community Liaison Representative. The Contractor's Project Manager will be available 24 hours a day, seven days a week and have the authority to stop or direct works. All relevant contact details are available in **Table 6**.

In the normal course of events, the first contact for complaints will usually be made in person or by telephone.

The complainant's name, address and contact details, along with the nature of the complaint, will be requested. If the complainant refuses to supply the requested information, a note will be made on the form and complainant advised of this.

2. Assess and Prioritise

The CCLR will prioritise all complaints by considering the seriousness of the complaint including risk to health and safety and will attempt to provide an immediate response via phone or email. This will be undertaken in accordance with the CCCHS (SLR, 2022).

3. Investigate

A field investigation will be initiated in an attempt to confirm details relevant to the complaint and the cause of the problem. Any monitoring information and/or records at and around the time of the complaint will be reviewed for any abnormality or incident that may have resulted in the complaint.

If the complaint is due to an incident, the notification requirements and handling procedures outlined in **Section 3.5.3** and **3.5.4** respectively will be followed.

4. Action or Rectify

Once the cause of the complaint has been established, every possible effort will be made to undertake appropriate action to rectify the cause of the complaint and mitigate any further impact. The Communications and Community Liaison Representative will assess whether the complaint is founded or unfounded and delegate the remediation of the issue to the Contractor's Project Manager for action, as required.

5. Respond to Complainant

The Communications and Community Liaison Representative will oversee the rectification of the issue and respond to the complainant once the issue has been resolved. The complainant will be provided with a follow up verbal response on what action is proposed within two hours during night-time works (between the hours of 6:00 pm and 10:00 pm) and 24 hours at other times. Where a complaint cannot be resolved by the initial or follow-up verbal response, a written response will be provided to the complainant within ten days.

6. Record

It is imperative that an assessment of the situation is carried out and documented to minimise the potential for similar complaints in the future. On this basis, every complaint received is to be recorded in the Complaints Register (Appendix A of the CCCHS). A copy of the completed form will be maintained for at least five years. The complaint will also be recorded in the Complaints Register, as per **Section 3.6.4**.

7. Preventative Action

Once the complaint has been suitably handled, appropriate measures will be identified and implemented to negate the possibility of re-occurrence. The Community Correspondence Register is not finalised until the preventative actions are completed and recorded on the form.

3.6.1 Complaints Register

A Complaints Register will be maintained during construction and will contain the following:

- A copy of the environmental complaint handling procedure contained in **Section 3.6.3**;
- A separate reference sheet containing the contact details listed in **Table 6**;
- Blank hard copies of the Community Correspondence Register, and
- Copies of all completed Community Correspondence Register, which are to be maintained for at least five years after the event to which they relate.

In accordance with Condition C32 of SSD 10448, the complaints register shall be made available to the appointed ER on a daily basis.

3.7 Dispute Resolution

In the event that a dispute arises between the Proponent and a public authority, in relation to an applicable requirement in this consent or relevant matter relating to the construction of Stage 1 - BEW & Infrastructure, either party may refer the matter to the Planning Secretary for resolution. The Planning Secretary's determination of any such dispute will be final and binding on the parties.

In the case of a dispute between the Proponent and a community member/complainant, either party may refer the matter to the DPE and/or relevant regulatory authority for consideration, advice and/or negotiation. Consent Condition C31 identifies the ER may be requested by the Planning Secretary to assist in the resolution of community complaints.

Additional information can be located in the CCCHS (SLR 2022) attached as **Appendix F**.

4 Environmental Management Commitments

Environmental aspects with the potential to be impacted through the construction of Stage 1 - BEW & Infrastructure are addressed in the following sub-sections. These issues have specific regulatory requirements imposed by SSD 10448 and/or are considered to have the highest potential to result in a non-compliance with a legislative requirement or generate community complaints. The tables in this section are a compliance management tool outlining how controls are to be implemented.

The Construction Contractor will ensure that the checklists included in their Project Management Plan, including the Daily Observations Checklist and Weekly Environmental Checklist, address all relevant management commitments outlined in the CEMP and appended management plans.

4.1 General

Table 12 lists the general environmental controls that will be implemented throughout the construction to minimise the potential for adverse impacts on the local environmental and surrounding receptors.

Table 12 General Construction Environmental Management Controls

Environmental Management Control	Person Responsible	Timing / Frequency	Reference / Notes
All reasonable and feasible measures will be implemented to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from construction.	Construction Contractor	Ongoing	SSD 10448 Condition C1
All licences, permits, approvals and consents as required by law will be obtained and maintained as required for the development. See Section 3.3 of this CEMP.	Mirvac and Construction Contractor	As required	SSD 10448 Condition AN1
All demolition will be carried out in accordance with <i>Australian Standard AS 2601-2001 The Demolition of Structures</i> (Standards Australia, 2001). The Contractor is to engage appropriately licensed/qualified/experienced subcontractors for all demolition including preparation/submission/approval of all safety and implementation documentation prior to commencing work. The contractor must prepare a plan to satisfy the requirements of Condition C14. The Contractor must keep a copy of the plan on site at all times.	Construction Contractor	Ongoing	SSD 10448 Condition C14
Works will not commence until an Environmental Representative (ER) has been approved by the Planning Secretary and engaged by Mirvac.	Mirvac	Prior to commencing construction	SSD 10448 Condition C31

Environmental Management Control	Person Responsible	Timing / Frequency	Reference / Notes
<p>All plant and equipment will be maintained in accordance with manufacturers requirements. A Plant and Equipment Maintenance Schedule and record is to be prepared and maintained onsite. The Plant and Equipment Maintenance Schedule is to be issued to the Superintendent on a quarterly basis. Plant prestart will be completed to ensure plant is operating as expected with any issues noted for rectification at the earliest possible opportunity.</p> <p>Noise amelioration will be fitted as per manufacturers requirements. No modifications are to be made to noise amelioration devices.</p> <p>Only qualified and experienced personnel are to maintain and operate plant and equipment.</p>	Construction Contractor	Ongoing	SSD 10448 Condition C22
Construction employees and contractors will be suitably inducted and trained in accordance with Section 3.4 of this CEMP.	Construction Contractor	Prior to commencing construction and ongoing	CEMP Section 3.4
The incidents and complaints will be promptly and effectively addressed in accordance with the management strategies contained within Sections 3.5 and 3.6 of this CEMP.	Construction Contractor	Ongoing	CEMP Sections 3.5 and 3.6
<p>All monitoring records will be maintained to demonstrate compliance with the CEMP, including:</p> <ul style="list-style-type: none"> • Site environmental inspection reports • Environmental monitoring data and • Internal and external audit reports • Reports of environmental incidents, environmental, associated actions taken, and follow-up actions • Minutes of management review meetings • Induction and training records 	Construction Contractor	For 5 years after completion date	Best practise
Construction will comply with section 120 of the POEO Act, which prohibits the pollution of waters.	Construction Contractor	Ongoing	SSD 10448 Condition D27 CEMP Section 4.6 ESCP Appendix J

4.2 Noise

Construction noise will be managed in accordance with the Construction Noise and Vibration Management Plan (CNVMP) (SLR 2022), attached as **Appendix G**.

The environmental management controls in **Table 13** will be implemented to minimise the potential for adverse noise impacts during construction.

Table 13 Environmental Management Controls for Noise

Measure	Person Responsible	Timing / Frequency	Reference / Notes
<p>All listed mitigation and management measures outlined in Section 7.2 of the CNVMP will be implemented throughout construction. These mitigation measures cover the following activities:</p> <ul style="list-style-type: none"> • Project Planning • Scheduling for High Noise or Vibration Generating Works • Site Layout • Training • Plant and Equipment Source Mitigation • Screening • Community Consultation • Monitoring 	Construction Contractor	Ongoing	CAQMP Section 8

4.3 Vibration

Construction vibration will be managed in accordance with the Construction Noise and Vibration Management Plan (CNVMP) (SLR 2022), attached as **Appendix G**.

The environmental management controls in **Table 14** will be implemented to minimise the potential for adverse vibration impacts during construction

Table 14 Environmental Management Controls for Vibration

Measure	Person Responsible	Timing / Frequency	Reference / Notes
<p>All listed mitigation and management measures outlined in Section 7.2 of the CNVMP will be implemented throughout construction. These mitigation measures cover the following activities:</p> <ul style="list-style-type: none"> • Project Planning • Scheduling for High Noise or Vibration Generating Works • Site Layout • Training • Plant and Equipment Source Mitigation • Screening • Community Consultation • Monitoring • Vibration 	Construction Contractor	Ongoing	CAQMP Section 8

4.4 Air Quality

Construction air quality will be managed in accordance with the Construction Air Quality Management Plan (CAQMP) (SLR 2022), attached as **Appendix H**.

The environmental management controls in **Table 15** will be implemented to minimise the potential for adverse dust emissions and impacts during construction.

Table 15 Environmental Management Controls for Air Quality

Environmental Management Control	Person Responsible	Timing / Frequency	Reference / Notes
<p>All required and highly recommended Dust and Odour Mitigation measures outlined in Section 8 of the AQMP will be implemented throughout construction. These mitigation measures cover the following activities:</p> <ul style="list-style-type: none"> • Communications • Site Management • Monitoring • Preparing and Maintaining the Site • Operating Vehicle/Machinery and Sustainable Travel • Operations • Waste Management • Construction • Trackout <p>Desirable mitigation measures will be considered and implemented where it is a reasonable step to minimise dust generated during works.</p>	Construction Contractor	Ongoing	CAQMP Section 8

4.5 Traffic

Construction traffic will be managed in accordance with the Construction Traffic Management Plan (CTMP) (Ason 2022), attached as **Appendix I**.

The environmental management controls in **Table 16** will be implemented to ensure road safety and network efficiency during construction.

Table 16 Environmental Management Controls for Traffic

Environmental Management Control	Person Responsible	Timing / Frequency	Reference / Notes
<p>All management and mitigation measures relating to proposed works and staging outlined in Section 2 of the CTMP will be implemented throughout construction. These mitigation measures cover the following activities:</p> <ul style="list-style-type: none"> • Construction Hours • Truck Routes • Temporary Traffic Management Method • Risk Assessment • Site Contact • Site Access • Work Zones 	Construction Contractor	Ongoing	CTMP Section 2
<p>All management and mitigation measures relating to traffic management outlined in Section 3 of the CTMP will be implemented throughout construction. These mitigation measures cover the following activities:</p> <ul style="list-style-type: none"> • Cumulative Impacts • Impacts on the Surrounding Network • Vehicle Management • Contractor Parking • Pedestrian and Cyclist Management • Fencing Requirements • Traffic Control • Authorised Traffic Controller • Driver Code of Conduct • Worker Induction 	Construction Contractor	Ongoing	CTMP Section 3

4.6 Water and Soil

Erosion and sediment control will be managed in accordance with the Erosion and Sediment Control Plan (ESCP) (WEM 2022), attached as **Appendix J**.

Salinity management will be managed in accordance with the Salinity Management Plan (SMP) (PSM 2022) attached as **Appendix K**.

Importation of fill will be managed in accordance with the Imported Fill Protocol – Rev 4 (IFP) (Arcadis 2022a), attached as **Appendix L**.

Dam dewatering at will be managed in accordance with the Dam Decommissioning Strategy – Rev 2 (DDS) (Arcadis 2022), attached as **Appendix M**.

Groundwater will be managed in accordance with the Groundwater Management Plan – Rev C (GMP) (Arcadis 2020c), attached as **Appendix N**.

The environmental management controls in **Table 16** will be implemented to minimise the potential for adverse water and soil impacts during construction.

Table 17 Environmental Management Controls for Water and Soil

Environmental Management Control	Person Responsible	Timing / Frequency	Reference / Notes
Erosion and Sediment Control			
All erosion and sediment control measures indicated within the ESCP shall be implemented during construction	Construction Contractor	Ongoing	ESCP
The water quality measures outlined in Appendix 5 of SSD 10448 will be implemented throughout construction	Construction Contractor	Ongoing	SSD 10448 Appendix 5 Water Quality
Salinity Management			
All listed mitigation and management measures outlined in Section 6 of the SMP will be implemented throughout construction. These mitigation measures cover the following activities: <ul style="list-style-type: none"> • Earthworks • Imported soils • Gardens and landscaped areas • Roads, footpaths and hardstand areas • Surface water, stormwater and drainage • Durability of concrete structures in contact with the ground • Durability of steel structures in contact with the ground. 	Construction Contractor	Ongoing	SMP Section 6
Importation of Fill All listed mitigation and management measures outlined in the IFP will be implemented throughout construction.	Construction Contractor	Ongoing	IFP
Dam Dewatering All listed mitigation and management measures outlined DDS will be implemented throughout construction.	Construction Contractor	Ongoing	DDS
Groundwater Management All listed mitigation and management measures outlined in GMP will be implemented throughout construction.	Construction Contractor	Ongoing	IFP

4.7 Waste

The environmental management controls in **Table 18** will be implemented to minimise the potential for adverse impacts as a result of waste generated during construction.

Table 18 Environmental Management Controls for Waste

Environmental Management Control	Responsibility	Timing / Frequency	Reference / Notes
<p>All listed mitigation and management measures outlined in Section 3 of the WMP will be implemented throughout construction. These mitigation measures cover the following activities:</p> <ul style="list-style-type: none"> • Demolition waste • Construction waste • Waste contractors and facilities • Site documentation 	Construction Contractor	Ongoing	WMP Section 3
Where relevant to construction, the best practise requirements outlined in Section 6.1 of the WMP will be implemented.	Construction Contractor	Ongoing	WMP Section 6.1
Suitable measures will be put in place to manage pests and vermin including maintaining general cleanliness on site and of waste storage areas to prevent the occurrence of vermin issues, and arranging appropriate controls if necessary e.g. traps.	Construction Contractor	Ongoing	SSD 10448 Condition D72
All waste materials removed from the site must only be directed to a waste management facility or premises lawfully permitted to accept the materials.	Construction Contractor	Ongoing	SSD 10448 Condition D76

4.8 Biodiversity

Vegetation management will be managed in accordance with the Vegetation Management Plan (VMP) (Ecological 2021), attached as **Appendix P**.

Flora and fauna management will be managed in accordance with the Flora and Fauna Management Plan (FFMP) (Ecological 2021), attached as **Appendix Q**.

The environmental management controls in **Table 19** will be implemented to minimise the potential for adverse biodiversity impacts during construction.

Table 19 Environmental Management Controls for Biodiversity

Environmental Management Control	Person Responsible	Timing / Frequency	Reference / Notes
<p>All construction and management works outlined in Section 4 of the VMP will be implemented throughout construction. These works cover the following activities:</p> <ul style="list-style-type: none"> • Earthworks and the construction of the riparian channel • Fencing and Interpretive Signage • Installation of Fauna Habitat in the VMP Area <p>Vegetation management works</p>	Construction Contractor	Ongoing	VMP Section 4
<p>All relevant environmental actions outlined in Section 2.1 of the FFMP will be implemented throughout construction. These actions cover the following objectives:</p> <ul style="list-style-type: none"> • General • Reduce harm to biodiversity • Reduce harm to aquatic biodiversity • Reduce spread of priority weeds • Reduce potential noise impacts to native fauna 	Construction Contractor	Ongoing	FFMP Section 2.1

4.9 Visual Amenity

The environmental management controls in **Table 20** will be implemented to minimise the potential for adverse visual amenity impacts during construction.

Table 20 Environmental Management Controls for Visual Amenity

Reporting Requirement	Person Responsible	Timing / Frequency	References / Notes
Lighting will comply with the latest version of AS 4282.	Construction Contractor	Prior to commencing construction and ongoing	SSD 10448 Condition D39
Lighting will be mounted, screened and directed in such a manner that it does not create a nuisance to surrounding properties or the public road network.			
All signage and fencing will be erected in accordance with the plans in the ADR.			SSD 10448 Condition D40

4.10 Heritage

The environmental management controls outlined in **Table 21** will be implemented in the event of the discovery of Aboriginal or Historic item or object of significance.

In addition to this, if any further instruction is required, please refer to the Unexpected Finds Protocol – Heritage, prepared by Artefact (2022) and attached as **Appendix R**.

Table 21 Environmental Management Controls for Heritage

Environmental Management Control	Responsibility	Timing / Frequency	Reference / Notes
If any item or object of Aboriginal heritage significance is identified on site all work in the immediate vicinity of the suspected Aboriginal item or object will cease immediately, a 10 m wide buffer area around the suspected item or object will be cordoned off and Heritage NSW will be contacted immediately.	Construction Contractor	Ongoing	SSD 10448 Condition D62
Work in the immediate vicinity of the Aboriginal item or object will only recommence in accordance with the provisions of Part 6 of the <i>National Parks and Wildlife Act 1974</i> (NSW).			SSD 10448 Condition D63
If any archaeological relics are uncovered during the course of the work, then all works will cease immediately in that area. Unexpected finds will be evaluated and recorded in accordance with the requirements of Heritage NSW.			SSD 10448 Condition D64

4.11 Hazardous Goods and Contamination

The discovery of unexpected contaminated material will be managed in accordance with the Unexpected Finds Protocol – Contamination (UFP - Contamination) (Arcadis 2022), attached as **Appendix S**.

The environmental controls that will be implemented to minimise the potential for environmental incidents relating to the hazardous goods and contamination are presented in **Table 22**

Table 22 Environmental Management Controls for Dangerous Goods

Environmental Management Control	Responsibility	Timing / Frequency	Reference / Notes
<p>The discovery of unexpected contaminated material will be managed in accordance with the UFP – Contamination, including:</p> <ul style="list-style-type: none"> • Personal Protective Equipment to be worn • Identification of Unexpected Finds • Unexpected Finds Register • Assessment of Unexpected Finds • Validation of Unexpected Finds • Validation of Imported Fill Material 	Construction Contractor	Ongoing	UFP – Contamination Section 4 and 6 Appendix B Appendix C Appendix D
Training and Induction requirements outlined in the UFP - Contamination will be implemented throughout construction.	Construction Contractor	Prior to Construction and Ongoing	UFP – Contamination Section 3
The quantities of dangerous goods stored and handled will be below the threshold quantities listed in the Department of Planning's Hazardous and Offensive Development Application Guidelines – Applying SEPP 33 at all times.	Construction Contractor	Ongoing	SSD 10448 Condition D70
Chemicals, fuels and oils will be stored in bunded areas in accordance with relevant Australian Standards and/or the Storing and Handling of Liquids: Environmental Protection – Participants Manual (Department of Environment and Climate Change 2007).	Construction Contractor	Ongoing	SSD 10448 Condition D71

4.12 Fire Safety and Emergency

The environmental controls that will be implemented to minimise the potential for environmental incidents relating to fire are presented in **Table 23**.

Table 23 Environmental Management Controls for Fire Safety and Emergency

Environmental Management Control	Person Responsible	Timing / Frequency	Reference / Notes
In the event of emergency, the contact details in Table 11 will be contacted.	Construction Contractor	In the event of an emergency	Section 3.5.3
Emergency vehicle access to and from the Site will be available at all times during construction.	Construction Contractor	Ongoing	Best practice
Cutting, welding, grinding or other activities likely to generate fires will not be undertaken in the open on days when a total fire ban is proclaimed, unless an exemption is granted by the relevant Fire Service.	Construction Contractor	Ongoing	Best practice
When there is a risk of fire being caused by work such as welding, thermal or oxygen cutting, heating or other fire producing or spark producing operations or when burning off is proposed, training will be provided to all personnel in fire prevention, fire safety and basic firefighting skills.	Construction Contractor	As required	Best practice
Appropriate firefighting equipment will be provided as required for the safety of persons and property.	Construction Contractor	Prior to commencing construction and ongoing	Best practice
Fire extinguishers will be located at work locations where hot work is being undertaken or flammable gases are stored.	Construction Contractor	Ongoing	Best practice
Construction plant will be fitted with fire extinguishers, as required/appropriate.	Construction Contractor	Ongoing	SSD 10448 Condition C22
Waste material will not be burnt on site and no fires of any kind will be lit on site.	Construction Contractor	Ongoing	Best practice

4.13 Community

Community consultation and complaints at Stage 1 - BEW & Infrastructure will be managed in accordance with the Community Consultation and Complaints Handling Strategy (CCCHS) (SLR 2022), attached as **Appendix F**.

The community management controls in **Table 24** will be implemented to minimise the potential for adverse impacts to the community during construction.

Table 24 Environmental Management Controls for the Community

Environmental Management Control	Person Responsible	Timing / Frequency	References / Notes
All listed mitigation and management measures outlined in Section 4 of the CCCHS will be implemented throughout construction. These measures cover the following activities: <ul style="list-style-type: none">• Communication, management and mitigation tools• Notification procedure• Complaints procedure	Construction Contractor	Ongoing	CCCHS Section 4

4.14 Sustainability

The sustainability management controls in **Table 24** will be implemented to improve sustainability performance during construction.

Table 25 Environmental Management Controls for the Sustainability

Environmental Management Control	Person Responsible	Timing / Frequency	References / Notes
<p>Best practice water efficiency measures will be implemented to reduce water consumption, including but not limited to:</p> <ul style="list-style-type: none"> Water use metering and monitoring to identify leaks and amend losses before greater loss occurs. 	Construction Contractor	Ongoing	ESD Report Section 4.3

5 Monitoring and Reporting

5.1 Environmental Monitoring and Reporting

Table 26 summarises the monitoring and reporting requirements for the construction of Stage 1 - BEW & Infrastructure as set out in SSD 10448 and relevant management plans.

Prior to the commencement of construction, the Construction Contractor will ensure their Project Management Plan includes a detailed Monitoring and Reporting Matrix to clearly document the specific applicable forms, registers or reports that will be used (this might include Supervisor Diary, Weekly Environmental Inspection Checklist, Waste Register, Complaints Register etc). The Construction Contractor will provide a copy of this matrix to Mirvac and the ER.

The Construction Contractor will ensure the checklists included in the Project Management Plan, including the Daily Observations Checklist and Weekly Environmental Checklist, address all relevant monitoring and reporting commitments outlined in the CEMP and appended management plans.

Table 26 Monitoring and Reporting Requirements

Aspect	Monitoring / Inspection Requirement	Person Responsible	Timing / Frequency	References / Notes
Daily				
General	Daily observation will be recorded in Supervisor's Diary or similar, including plant and equipment prestart checks that include environmental observations.	Construction Contractor	Daily	Best practice
General	The Applicant must provide the ER with the complaints register	Mirvac	Daily	SSD 10448 Condition C32
Air Quality	The Air Quality Monitoring program provided in Section 10 of the CAQMP shall be implemented.	Construction Contractor	Daily	CAQMP Section 10
Weekly				
General	The Weekly Environmental Checklist will be completed as part of general environmental site inspection to ensure all relevant environmental controls listed in this CEMP are in place and any required maintenance and/or remediation works are identified and undertaken.	Construction Contractor	Weekly	Best practice

Aspect	Monitoring / Inspection Requirement	Person Responsible	Timing / Frequency	References / Notes
General	<p>The Construction Contractor will report environmental performance during regular management meetings and/or 'toolbox talks'. Items to be discussed include:</p> <ul style="list-style-type: none"> Results of any monitoring activities undertaken; Any environmental incidents that have occurred during the previous period, including the management / corrective actions taken; Any complaints that have been received during the previous period, including any management / corrective actions taken. 	Construction Contractor	Weekly	Section 3.4
General	The PEC (or alternative delegate when PEC is unavailable) to attend weekly ER Inspections at the commencement of the project, reducing to fortnightly/monthly on a risk basis.	Mirvac	Weekly at commencement	Best practice
Monthly				
General	<p>The Applicant must provide the ER with all documentation requested by the ER in order for the ER to perform their functions specified in condition C31 (including preparation of the ER monthly report), as well as:</p> <p>b) a copy of any assessment carried out by the Applicant of whether proposed work is consistent with the consent (which must be provided to the ER before the commencement of the subject work).</p>	Mirvac	As required by the ER to perform their role under the conditions of consent	SSD 10448 Condition C32
Soil	Monthly audits of erosion and sediment controls shall be undertaken by CPESC and kept on record for the duration of the construction and an additional 12 months following construction works.	Principal's Environmental Consultant	Monthly	SSD 10448 Condition D26

Aspect	Monitoring / Inspection Requirement	Person Responsible	Timing / Frequency	References / Notes
Community	<p>The following will be monitored:</p> <ul style="list-style-type: none"> Total number of complaints Number of complaints relating to lack of consultation / misinformation / confusion Number of enquiries relating to information previously disseminated Number of complaints / enquiries within defined categories based on theme or subject Close-out actions and follow-up Response timeframes 	Communications and Community Liaison Representative	Monthly	CCCHS Section 5.1
Community	<p>The monthly community consultation summary will be made publicly available on the project web page and shall include:</p> <ul style="list-style-type: none"> A summary of community consultation activities undertaken within the preceding month A summary of all enquiries and complaints received within the preceding month, including details of response and/or remediation activities 	Communications and Community Liaison Representative	Monthly	CCCHS Section 5.2
Event Based				
Incident / Non-Compliance	In the event of an Incident or Non-Compliance, an Event Notification Report will be completed, as outlined in Table 10 in Section 3.5 of the CEMP.	Project's Construction Manager	In the event of an Incident or Non-Compliance	Section 3.5
Heritage	Salvage excavation and surface collection report.	Mirvac / Construction Contractor	Following excavation and collection	SSD 10448 Condition D61
Other				
Noise & Vibration	Noise and/or vibration reporting and monitoring will be conducted in accordance with Section 7.3 of the CNVMP	Construction Contractor	Ongoing	CNVMP Section 7.3
Air Quality	Record all dust and air quality complaints, identify cause(s), take appropriate measures to reduce emissions in a timely manner, and record the measures taken.	Construction Contractor	As required	CAQMP Section 9
Air Quality	Make the complaints log available to the local authority when asked.	Construction Contractor	As required	CAQMP Section 9
Traffic	Monitoring and review of the CTMP and onsite traffic management effectiveness shall be undertaken in accordance with Section 4 of the CTMP	Construction Contractor	Ongoing	CTMP Section 4

Aspect	Monitoring / Inspection Requirement	Person Responsible	Timing / Frequency	References / Notes
Contamination	Any material identified as contaminated will be disposed off-site, with the disposal location and results of testing submitted to the Planning Secretary, prior to its removal from the site.	Construction Contractor	As required	SSD 10448 Condition D77
Contamination	Clearance / validation reports will be prepared at the completion of the management of each unexpected find. The clearance / validation letter will be prepared in accordance with Section 6.5.1 of the UFP and relevant EPA published or endorsed guidelines.	Construction Contractor	As required	UFP Section 6.5.1
Waste	A logbook of waste management and collection will be maintained on-site and include the details described in Section 3.4 of the WMP.	Construction Contractor	Ongoing	WMP Section 3.4
Waste	Waste management documentation, logbook and associated dockets and receipts will be made available for inspection by authorised Council Officer at any time during site works.	Construction Contractor	Ongoing	WMP Section 3.4
General	Inspection and maintenance of all plant and equipment items to ensure optimal operating condition.	Construction Contractor	As specified by the manufacturer / supplier	Best practice
General	All incoming and outgoing traffic movement to be monitored and recorded as per Section 4.1 of the CTMP to ensure adherence to the approved construction hours as per Section 2.3 of this CEMP.	Construction Contractor	Ongoing	Best practice
General	All monitoring will be undertaken in accordance with Division 9.4 of Part 9 of the EP&A Act.	Construction Contractor	Ongoing	SSD 10448 Condition E16
General	The Project Manager will be notified if any inconsistencies are identified between the documents listed in Section 3.3 of this CEMP.	Construction Contractor	As required	CEMP Section 3.3

Aspect	Monitoring / Inspection Requirement	Person Responsible	Timing / Frequency	References / Notes
General	Compliance Reports of the Development will be prepared and submitted to DPE reviewing the environmental performance of the development in accordance with the <i>Compliance Reporting Post Approval Requirements</i> (DPE 2020) and will: (a) identify any trends in the monitoring data over the life of the development; (b) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and (c) describe what measures will be implemented over the next year to improve the environmental performance of the development	Mirvac	Within 3 months after the commencement of construction and in the same month each subsequent year (or such other timing as agreed by the Planning Secretary) for the duration of construction works	SSD 10448 Condition E14
General	Each Compliance Report will be made publicly available.	Mirvac	No later than 60 days after submitting it to the DPE and notify the DPE in writing at least 7 days before this is done.	SSD 10448 Condition E15
General	Access to information shall be facilitated through the publication of environmental performance and monitoring results on the project website, as detailed within the CCCHS	Mirvac	48 hours prior to commencing construction and ongoing	SSD 10448 Condition E17 CCCHS Section 4.3.1
General	A copy of all environmental records will be maintained, including: <ul style="list-style-type: none"> • Site environmental inspection reports • Environmental monitoring data • Internal and external audit reports • Reports of environmental incidents, environmental, associated actions taken, and follow-up actions • Minutes of management review meetings • Induction and training records • Register of all complaints and non-compliances. 	Mirvac / Construction Contractor	For at least 5 years after completion	Best practice
General	All audits will be undertaken in accordance with Division 9.4 of Part 9 of the EP&A Act.	Construction Contractor	Ongoing	SSD 10448 Condition E16

5.2 Contingency Management Plan

Table 27 lists the actions to be implemented if inspections, monitoring and/or auditing indicate that the mitigation measures listed in **Section 4** and the specialist management plans are not effective in managing environmental impacts.

Table 27 Contingency Plan

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Noise and Vibration				
Noise impacts at sensitive receiver locations	Trigger	Noise levels do not exceed applicable NMLs	Noise levels exceed applicable NMLs	Noise levels exceed Highly Noise Affected criteria (75 dBA)
	Response	On-going best practice management measures to minimise noise emissions	Undertake all feasible and reasonable mitigation and management measures to minimise noise impacts (aiming to achieve NMLs)	Works exceeding the Highly Noise Affected criteria will be managed in accordance with the strategies for high-noise generating works determined through community consultation, as detailed in Section 7.1 and 7.2.
Vibration impacts at sensitive receiver locations	Trigger	Vibration intensive works undertaken outside minimum working distance for the specific equipment in use	Vibration intensive works undertaken within minimum working distance for the specific equipment in use	Vibration levels exceed applicable vibration limits
	Response	On-going best practice management measures to minimise vibration emissions	Undertake vibration monitoring for the duration of the works to confirm vibration levels.	Stop work. Undertake all feasible and reasonable mitigation and management measures to ensure vibration levels are below applicable limits. If vibration levels cannot be kept below applicable limits then a different construction method or equipment must be utilised.

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Air Quality				
Visible dust leaving the site	Trigger	Daily inspections show that there is no visible dust leaving the site.	Daily inspections show that there is visible dust leaving the site.	Daily inspections show that there is visible dust leaving the site multiple times during a day OR from multiple locations within the site.
	Response	Continue monitoring program as normal.	Review and investigate construction activities and respective control measures. Where appropriate, implement additional remedial measures, such as: <i>Deployment of additional water sprays, water trucks etc</i>	Undertake an investigation of the dust generating activities, and if necessary, temporarily halt the dust generating activities

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Dust deposition reading of $>4\text{g/m}^2/\text{month}$	Trigger	Dust deposition rates are less than $4\text{g/m}^2/\text{month}$ at all the dust gauges.	Dust deposition rate greater than $4\text{g/m}^2/\text{month}$ is recorded by any of the dust gauges	Dust deposition rates greater than $4\text{g/m}^2/\text{month}$ are recorded by two or more dust gauges for two months in a row.
	Response	Continue monitoring program as normal.	<ul style="list-style-type: none"> AIE Project Manager to analyse data to try to identify the source(s) of dust. Consideration should be given to the differences between the monitoring closer to other construction sites compared to those further away for identification of potential cumulative impacts. <p>Construction Contractor to review operations to reduce dust emissions from the identified key source(s). Implement any additional mitigation measures as required, such as additional watering.</p>	<ul style="list-style-type: none"> AIE Project Manager to review and investigate construction activities and respective control measures for the monitoring period. If it is concluded that construction activities at Stage 1 were directly responsible for the exceedance (i.e. the exceedance event was not caused due to high regional dust levels or local non-project dust source), Construction Contractor to submit an incident report to government agencies.

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Complaints received regarding nuisance dust	Trigger	There are no complaints received during the construction	An air-quality related complaint is received from a nearby resident	Further complaints are received from the same complainant after the additional mitigation measures have been implemented
	Response	Continue monitoring program as normal.	<ul style="list-style-type: none"> Report the complaint to the regulator, in line with complaints handling procedure (See Section 3.6). Review timing of the complaint compared to known site activities to identify if particular site activities (or lack of activity in the case of mitigation measures) are contributing to the complaints. Review and investigate construction activities and increase dust suppression measures (additional watering, covering stockpiles etc), where appropriate. 	<ul style="list-style-type: none"> Review monitoring data from the existing monitors to investigate the likelihood of onsite activities contributing. Conduct real time air quality monitoring at the complaint location (or as near as practicable) including meteorology if required. This monitoring should be conducted in consultation with a suitably qualified air quality professional. Identify the following from any monitoring conducted: <ul style="list-style-type: none"> Monitoring method; Location, frequency and duration of monitoring; Assessment against compliance with criteria identified in Section 5.2 of the CAQMP Recommendations for further mitigation

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Traffic				
Construction movements	Trigger	Construction traffic volume is in accordance with permissible and programmed volume and time constraints.	Construction traffic volumes exceeds programmed volume but is within permissible volume constraints.	Construction traffic volumes exceeds permissible volume and time constraints.
	Response	No response required. Continue monitoring program.	Review and investigate construction activities, and where appropriate, implement additional remediation measures such as: <ul style="list-style-type: none"> Review CTMP and update where necessary Provide additional training 	As with Condition Amber, plus; <ul style="list-style-type: none"> If it is concluded that construction activities were directly responsible for the exceedance, submit an incident report to government agencies. Stop all transportation into and out of the site.
Construction movements	Trigger	No construction vehicle movement during peak periods	Construction vehicle movement close to peak periods	Construction vehicle movement during peak periods
	Response	No response required. Continue monitoring program.	Review and investigate construction activities, and where appropriate, implement additional remediation measures such as: <ul style="list-style-type: none"> Provide additional training (including toolbox talks and further notification of Driver Code of Conduct). 	As with Condition Amber, plus; <ul style="list-style-type: none"> If it is concluded that construction activities were directly responsible for the exceedance, submit an incident report to government agencies. Stop all transportation into and out of the site. Review CTMP and update where necessary.

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Queuing	Trigger	No queuing identified.	Queuing identified within site.	Queuing identified on the public road.
	Response	No response required. Continue monitoring program.	Review the delivery schedule prepared by the builder. If drivers are not following the correct schedule, then they should be provided with additional training and an extra copy of the Driver Code of Conduct.	<p>As with Condition Amber, plus</p> <ul style="list-style-type: none"> Review and investigate construction activities. If it is concluded that construction activities were directly responsible for the exceedance, submit an incident report to government agencies. Temporary halting of activities and resuming when conditions have improved. Stop all transportation into and out of the site. Review CTMP and update where necessary, provide additional training.

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Traffic noise	Trigger	Noise levels do not exceed imposed noise constraints	Noise levels in minor excess of imposed noise constraints	Noise levels greatly in excess of imposed noise constraints
	Response	No response required	Undertake all feasible and reasonable mitigation and management measures to minimise noise impacts.	Undertake all feasible and reasonable mitigation and management measures to ensure noise levels are below Highly Noise Affected criteria. If noise levels cannot be kept below applicable limits, then a different construction method or equipment must be utilised. Response to also be consistent with the CNVMP.
Traffic Guidance Scheme	Trigger	No observable issues	Minor inconsistencies with TGS to onsite operations	Near miss or incident occurring regardless of / as a result of the TGS being implemented
	Response	No response required Continue monitoring TGSs.	Traffic Controller to amend TGS on site and to keep a log of all changes.	Stop work until an investigation has been undertake into the incident. There are to be changes made to the TGS to ensure that the safety of all workers, students and civilians are catered for.

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Traffic Air Quality Impacts	Trigger	No observable dust	Minor quantities of dust in the air and tracking on to the road.	Large quantities of dust in the air and tracking on to the road.
	Response	No response required	<p>Review the ESCP and investigate construction activities and respective control measures, where appropriate. Implement additional remedial measures, such as:</p> <ul style="list-style-type: none"> • Deployment of additional water sprays • Relocation or modification of dust-generating sources • Check condition of vibrating grids to ensure they are functioning correctly • Temporary halting of activities and resuming when conditions have improved 	<p>Review and investigate construction activities and respective control measures. If it is concluded that construction activities were directly responsible for the exceedance, submit an incident report to government agencies. Implement relevant responses and undertake immediate review to avoid such occurrence in future.</p>
Water and Soil				
Soil / dust / mud on public road network	Trigger	No soil / dust / mud tracked onto the public road network.	Evidence of soil / dust / mud at entry but none tracked onto public roads.	Evidence of soil / dust / mud tracked onto the public roads.
	Response	Continue ESCP/CEMP implementation.	Check condition of wheel wash facility to ensure it is functioning correctly.	Check condition of wheel wash facility to ensure it is functioning correctly. Stop work and clean soil / dust / mud off road network (e.g. engage street sweeper).

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Erosion	Trigger	No evidence of erosion.	Minor gully or tunnel erosions present and/or rilling. Evidence of sediment or sediment laden water leaving the site.	Significant gully or tunnel erosions present and/or rilling. Evidence of sediment or sediment laden water leaving the site.
	Response	Continue ESCP / CEMP implementation.	A suitably trained person to inspect the site. Review of erosions and sediment structures. Remediate as appropriate.	A suitably trained person to inspect the site. Review of erosion and sediment structures. Remediate as soon as practical.
Water management structures	Trigger	Water management structures have been designed, constructed and managed in accordance with the Blue Book and the ESCPs.	Inspections indicate that water management structures illustrate minor non-compliance with the Blue Book and the ESCPs.	Inspections indicate a failure of the water management structures.
	Response	Continue ESCP / CEMP implementation.	A suitably trained person to inspect the site. Review of water management structures. Remediate as appropriate.	A suitably trained person to inspect the site. Remediate as soon as practical. Review of engineering design and revise ESCPs.

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Water Quality Monitoring	Trigger	Water quality monitoring results are in accordance with Section 5.5 of SMP and approved by the ER.	Water quality monitoring results exceed the criteria listed in Section 5.5 of SMP and not approved by the ER.	Follow up water quality monitoring results exceed the criteria listed Section 5.5 of SMP and not approved by the ER.
	Response	Continue ESCP / CEMP implementation.	Follow up water quality monitoring will be undertaken to ensure results are just an anomaly and not a trend.	Appropriate measures are implemented. Follow up water quality monitoring is undertaken to ensure they satisfy the criteria in Section 5.5 of SMP and are approved by the ER.
Waste				
Waste	Trigger	Inspections identified no waste outside of dedicated bins and stockpiles.	Inspections identified minimal waste outside of dedicated bins and stockpiles.	Inspections identified large quantities of waste outside of dedicated bins and stockpiles. Complaints received regarding waste.
	Response	Continue WMP / CEMP implementation.	The waste is cleaned up immediately.	The waste is cleaned up immediately. The Communications and Community Liaison Representative is also notified and the complaints handling process outlined in Section 3.6 and the CCCHS is implemented.

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Heritage				
Heritage	Trigger	No unknown heritage items uncovered.	Potential heritage item uncovered.	Potential heritage item uncovered causing significant delays to project.
	Response	Continue CEMP implementation.	Stop work and implement the unexpected finds protocol.	Stop work and implement the unexpected finds protocol. Heritage item to be salvaged and removed from site by a qualified archaeologist.
Hazardous Goods and Contamination				
Unexpected Contamination	Trigger	No contamination uncovered during earthworks.	Areas of possible contamination uncovered.	Areas of contamination uncovered.
	Response	Continue CEMP implementation.	Stop work immediately and the contamination assessed according to the UFP.	Stop work immediately. A validation report is to be prepared following remediation.
Bushfire				
Bushfire	Trigger	No bushfire or bushfire prone weather.	Bushfire prone weather during summer.	Bushfire in the vicinity of the site.
	Response	Continue CEMP implementation.	Ensure grass is kept short and vegetation is minimal at the site. Weather is to be monitored twice daily for chance of bushfire.	Stop work and contact NSW Fire and Rescue on '000'. Evacuate the site as directed by NSW Fire and Rescue.

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Community				
Submission	Trigger	General feedback/comment (no complaint or query).	Enquiry made by formal or informal channels.	Complaint made by formal or informal channels.
	Response	Acknowledge receipt and record in consultation register. No further response required.	Acknowledge receipt and record in consultation register. Direct enquiry to relevant person for actioning and response within 5 days.	Acknowledge receipt and record in consultation register. Respond to complaint immediately if possible, if not direct enquiry to relevant person for actioning and provide complainant with a follow up verbal response on what action is proposed within two hours during construction works (including night and weekend works) and 24 hours at other times.
Media	Trigger	Positive story in print, online, radio or television.	Neutral or advisory story in print, online, radio or television.	Negative story in print, online, radio or television.
	Response	Record in consultation register and advise the proponent media/marketing team. No further response required.	Record in consultation register and advise the proponent media/marketing team. No further response required.	Record in consultation register and advise the proponent Project Team for further action and response. Contact relevant person for actioning and response within 48 hours

Key Element	Trigger / Response	Condition Green	Condition Amber	Condition Red
Unscheduled Event	Trigger	Event occurring outside of plan or schedule without impact or potential impact.	Event occurring outside of plan or schedule with minor impact or potential impact.	Event occurring outside of plan or schedule with major impact or potential impact.
	Response	No response required. Identify opportunities for improvement to manage potential future events.	Contact relevant person for actioning and response within 48 hours. Acknowledge in consultation register. Identify opportunities for improvement to manage potential future events.	Contact relevant person for actioning and response immediately. Acknowledge in consultation register. Identify opportunities for improvement to manage potential future events.
Political Interest	Trigger	General or non-specific enquiry by Local, State or Federal political representative.	Enquiry or complaint relating to minor issue by Local, State or Federal political representative.	Enquiry or complaint relating to major issue by Local, State or Federal political representative.
	Response	Community consultation team in conjunction with The Proponent Project Team to prepare and provide response or assign response task to relevant staff member for comment. Record in consultation register.	Community consultation team in conjunction with the proponent Project Team to prepare and provide response within 48 hours. Record in consultation register.	Community consultation team in conjunction with the proponent Project Team to prepare and provide response within 24 hours. Record in consultation register.

6 Review and Improvement of Environmental Performance

Review and improvement of environmental performance against CEMP will be undertaken at least quarterly and will include participation by the Proponent. The review will comprise, as a minimum, the following:

- Identification of areas of opportunity for improved environmental performance;
- Analysis of the causes of incidents and non-compliances, including those identified in environment inspections and audits (see Section 3.5);
- Verification of the effectiveness of corrective and preventative actions; and
- Highlighting any changes in procedures resulting from process improvement.

Condition E8 of SSD 10448 also states that all strategies, plans and programs required under SSD 10448 will be reviewed and Planning Secretary notified of the review within three months of:

- the submission of a Compliance Report under condition E14;
- the submission of an incident report under condition E10;
- the approval of any modification of the conditions of this consent; or
- the issue of a direction of the Planning Secretary under Condition C.2(b) which requires a review.

This CEMP and all relevant strategies, plans and programs will also be reviewed and, if necessary, revised in the following circumstances:

- Where there is any change to the scope of the construction activities and/or disturbance footprint;
- Where it is identified that the environmental performance is not meeting the objectives of the CEMP; and/or
- At the request of a relevant regulatory authority.

Notwithstanding the review requirements outlined above, in accordance with the requirements of Condition E1(h) the following is provided as the protocol for periodic review of this CEMP and all management plans required under SSD 10448.

- All management plans required under SSD 10448 are to be reviewed every 6 months by their original Author and the ER.
- The periodic review is to take account of any required changes to procedures, updates or changes to best practice, any non-compliances in the proceeding 6 month period and whether changes can be made to improve the environmental performance of the development.

As per Condition E9 where documents are revised under the above reviews the revised documents will be sent to DPE within 6 weeks of review. All employees and contractors will be informed of any revisions to the CEMP by the Contractor's Project Manager during toolbox talks.

In accordance with Conditions A19 and C9 of SSD 10488, Mirvac may, at their discretion, seek to stage, combine or update strategies, plans or programs required under SSD 10488. In this instance, Mirvac, with the approval of the Planning Secretary, may:

(a) prepare and submit any strategy, plan or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program);

(b) combine any strategy, plan or program required by this consent (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); and

(c) update any strategy, plan or program required by this consent (to ensure the strategies, plans and programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development).

In accordance with Conditions A20 and C10 of SSD 10488, if the Planning Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition of the Development Consent. In accordance with Conditions A21 and C11 of SSD 10488, If approved by the Planning Secretary, updated strategies, plans, or programs supersede the previous versions of them and must be implemented in accordance with the condition that requires the strategy, plan or program.

7 References

- Arcadis (2022) *Dam Decommissioning Strategy – Rev 2*
- Arcadis (2020) *Unexpected Finds Protocol (UFP - Contamination)*
- Arcadis (2020a) *Fill Importation Protocol (FIP)*
- Arcadis (2020b) *Groundwater Management Plan*
- Artefact (2021) *Unexpected Finds Protocol (UFP – Heritage)*
- Ason (2022) *Construction Traffic Management Plan*
- Department of Environment and Climate Change (2007) *Storing and Handling of Liquids: Environmental Protection – Participants Manual*
- Department of Environment and Conservation (2006) *Assessing Vibration: a technical guideline*
- Department of Industry (2012) *Guidelines for Controlled Activities on Waterfront Lands*
- Department of Infrastructure, Planning and Natural Resources (2004) *Guideline for the Preparation of Environmental Management Plans*
- Ecological (2021) *Flora and Fauna Management Plan (FFMP)*
- Ecological (2021) *Vegetation Management Plan (VMP)*
- Department of Planning and Environment (2018) *Compliance Reporting Post Approval Requirements*
- Environment Protection Authority (2007) *Approved Methods for Sampling and Analysis of Air Pollutants in NSW*
- Environment Protection Authority (2014) *Waste Classification Guidelines Part 1: Classifying Waste*
- Environment Protection Authority (2017) *Guidelines for the NSW Site Auditor Scheme (3rd Edition)*
- Environment Protection Authority (2019) *Standard Recycling Signs*. Accessed:
<http://www.epa.nsw.gov.au/wastetools/signs-posters-symbols.htm>.
- German Institute for Standardisation (Deutsches Institut für Normung) (1999) *DIN 4150 – Structural vibration - Effects of vibration on structures*
- Landcom (2004) *Bluebook – Managing Urban Stormwater, Soils and Construction (Volume 1)*
- Landcom (2008) *Bluebook – Managing Urban Stormwater, Soils and Construction (Volume 2D Main Road Construction)*
- MRA (2021) *Waste Management Plan*
- NSW Department of Planning and Environment (NSW DPE) (2022) *Aspect Industrial estate State Significant Development Assessment SSD-10448 (Assessment Report)*
- PSM (2022) *Salinity Management Plan*
- Roads and Maritime Services (2016) *Construction Noise and Vibration Guideline*
- SLR Consulting (2022) *Community Communication and Complaint Handling Strategy*
- SLR Consulting (2021a) *Construction Air Quality Management Plan*
- SLR Consulting (2021b) *Construction Noise and Vibration Management Plan*
- Standards Australia (1997) *AS 4282 – 1997: Control of the obtrusive effects of outdoor lighting*
- Standards Australia (2001) *AS 2601 – 2001: The Demolition of Structures*
- Standards Australia (2017) *AS 2419.1 – 2017: Fire hydrant installations System design, installation and commissioning*
- Stantec (2020) *SSD – AIE Masterplan & Stage 1 ESD Report (ESD Report)*
- Urbis (2020) *Aspect Industrial Estate – Environmental Impact Statement*
- Urbis (2021) *Aspect Industrial Estate – Response to Submissions SSD-10448*
- Western Earthmoving (WEM) (2022) *Erosion & Sediment Control Plan*

APPENDIX A

Development Consent SSD 10448

APPENDIX B

Relevant Conditions of Consent

APPENDIX C

Consultation

APPENDIX D

Environmental Policy

APPENDIX E

Event Notification Report

APPENDIX F

Community Consultation and Complaints Handling Strategy

APPENDIX G

Construction Noise and Vibration Management Plan

APPENDIX H

Construction Air Quality Management Plan

APPENDIX I

Construction Traffic Management Plan

APPENDIX J

Erosion and Sediment Control Plan

APPENDIX K

Salinity Management Plan

APPENDIX L

Imported Fill Protocol

APPENDIX M

Dam Decommissioning Strategy

APPENDIX N

Groundwater Management Plan

APPENDIX O

Waste Management Plan

APPENDIX P

Vegetation Management Plan

APPENDIX Q

Flora and Fauna Management Plan

APPENDIX R

Unexpected Finds Protocol - Heritage

APPENDIX S

Unexpected Finds Protocol – Contamination

APPENDIX T

Mamre Road Precinct Working Group Protocol (MRPWG Protocol)

ASIA PACIFIC OFFICES

BRISBANE

Level 2, 15 Astor Terrace
Spring Hill QLD 4000
Australia
T: +61 7 3858 4800
F: +61 7 3858 4801

MACKAY

21 River Street
Mackay QLD 4740
Australia
T: +61 7 3181 3300

SYDNEY

2 Lincoln Street
Lane Cove NSW 2066
Australia
T: +61 2 9427 8100
F: +61 2 9427 8200

AUCKLAND

68 Beach Road
Auckland 1010
New Zealand
T: +64 27 441 7849

CANBERRA

GPO 410
Canberra ACT 2600
Australia
T: +61 2 6287 0800
F: +61 2 9427 8200

MELBOURNE

Suite 2, 2 Domville Avenue
Hawthorn VIC 3122
Australia
T: +61 3 9249 9400
F: +61 3 9249 9499

TOWNSVILLE

Level 1, 514 Sturt Street
Townsville QLD 4810
Australia
T: +61 7 4722 8000
F: +61 7 4722 8001

NELSON

6/A Cambridge Street
Richmond, Nelson 7020
New Zealand
T: +64 274 898 628

DARWIN

5 Foelsche Street
Darwin NT 0800
Australia
T: +61 8 8998 0100
F: +61 2 9427 8200

NEWCASTLE

10 Kings Road
New Lambton NSW 2305
Australia
T: +61 2 4037 3200
F: +61 2 4037 3201

TOWNSVILLE SOUTH

12 Cannan Street
Townsville South QLD 4810
Australia
T: +61 7 4772 6500

GOLD COAST

Level 2, 194 Varsity Parade
Varsity Lakes QLD 4227
Australia
M: +61 438 763 516

PERTH

Ground Floor, 503 Murray Street
Perth WA 6000
Australia
T: +61 8 9422 5900
F: +61 8 9422 5901

WOLLONGONG

Level 1, The Central Building
UoW Innovation Campus
North Wollongong NSW 2500
Australia
T: +61 404 939 922