OPERATIONAL FLORA AND FAUNA MANAGEMENT PLAN – ADDENDUM

Moorebank Intermodal Precinct – Precinct West South

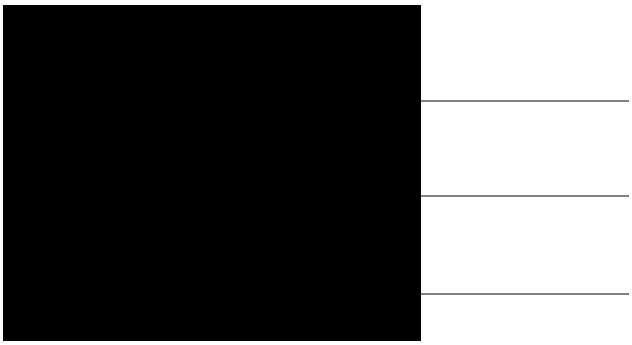
SEPTEMBER 2026

Moorebank Intermodal Precinct – Precinct West South

EPBC 2011/6086 Approval, SSD 5066 Development Consent, SSD 7709 Development Consent and Complying Development Consent 230736/01, 230736/01(MOD), 230736/07, 250077/01 and 250077/06.

Operational Flora and Fauna Management Plan – Addendum

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Revisions

Revision	Date	Description	Prepared by	Approved by
01	14/06/2024	Draft for client review	[redacted]	[redacted]
02	23/10/2024	Final for issue	[redacted]	[redacted]
03	30/01/2026	Updated for Warehouse S2A and S5	[redacted]	[redacted]
04	14/09/2026	Updated for annual review, Warehouse S4, and the transport, storage and use of dangerous goods within Warehouse S4	[redacted]	[redacted]

DECLARATIONS OF ACCURACY

[redacted]

In making this declaration, I am aware that section 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) makes it an offence in certain circumstances to knowingly provide false or misleading information or documents to specified persons who are known to be performing a duty or carrying out a function under the EPBC Act or the *Environment Protection and Biodiversity Conservation Regulations 2000* (Cth). The offence is punishable on conviction by imprisonment or a fine, or both. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed [redacted]

Full name [redacted]

Organisation [redacted]

Date 16 September 2026

[redacted]

In making this declaration, I am aware that section 491 of the *Environment Protection and Biodiversity Conservation Act 1999* (Cth) (EPBC Act) makes it an offence in certain circumstances to knowingly provide false or misleading information or documents to specified persons who are known to be performing a duty or carrying out a function under the EPBC Act or the *Environment Protection and Biodiversity Conservation Regulations 2000* (Cth). The offence is punishable on conviction by imprisonment or a fine, or both. I am authorised to bind the approval holder to this declaration and that I have no knowledge of that authorisation being revoked at the time of making this declaration.

Signed [redacted]

Full name [redacted]

Organisation [redacted]

Date 8 October 2026

ACRONYMS AND DEFINITIONS

Acronym/Term	Meaning
Addendum	Operational Flora and Fauna Management Plan – Addendum
BAR	Biodiversity Assessment Report
CDC	Complying Development Consent
CoA	Conditions of Approval as detailed in the EPBC Act Approval EPBC 2011/6086
CoC	Conditions of Consent as detailed in the EP&A Act Development Consent SSD 5066
Council	Liverpool City Council
Development, the	The three warehouses and associated landscaping and infrastructure on the MPW South site.
Development site	All operational areas of the MPW South Development
DG	Dangerous Goods
DotEE	Department of the Environment and Energy merged with all functions of the Department of Agriculture (February 2020) to form the Department of Agriculture, Water and the Environment (DAWE)
DPIE	Department of Planning, Industry and Environment
EIS	Environmental Impact Statement
EMP	Environmental management procedure
EP&A Act	Environmental Planning and Assessment Act 1979
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
ESR	ESR Australia & New Zealand
HSE	Health, safety and environment
MIP	Moorebank Intermodal Precinct
MPW	Moorebank Precinct West
NEPA	National Environmental Protection Agency
Non-compliance	An occurrence, set of circumstances, or development that results in a non-compliance or is non-compliant with Development Consent SSD 7709 and SSD 10431 Conditions of Consent or EPBC Act Approval (EPBC 2011/6086) Conditions of Approval but is not an incident.
OEMP	Operational Environmental Management Plan
OFFMP	Operational Flora and Fauna Management Plan
REMM	Revised Environmental Management Measures. These are the management and mitigation measures presented in the MPW Concept Plan Supplementary RtS (August 2017).
RtS	Response to Submissions
SSD	State significant development

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1 INTRODUCTION

1.1 Development Ownership

In 2022, LOGOS joined the ESR group of companies and since August 2024, the LOGOS and ESR operations have been integrated to now operate under the name ESR Australia & NZ (ESR). The applicant/ approval holder entity remains unchanged at this stage until further notice and references to LOGOS and LOGOS authored documents and/or plans may continue and remains relevant where LOGOS and ESR are used interchangeably.

1.2 Moorebank Intermodal Precinct Overview

The Moorebank Intermodal Precinct (MIP), operated by ESR (formerly LOGOS), is an integral component of the freight, ports and transport strategies of both the Commonwealth and NSW governments and is located approximately 27km south-west of the Sydney Central Business District and 26km west of Port Botany within the Liverpool Local Government Area.

The MIP aims to streamline the freight logistics supply chain from port to store, deliver savings to businesses and consumers, and help service the rapidly growing demand for imported goods in south-west Sydney. On completion, MIP will move 1.55 million shipping containers annually by rail instead of road. It will also feature Australia's largest purpose-built warehouse and distribution precinct serviced by the latest automated technology which will see driverless shuttle carriers collect and transport containers around the precinct to be processed, unpacked and stored on site prior to distribution.

The MIP is divided into the Moorebank Precinct West (MPW) and Moorebank Precinct East (MPE) developments.

MPW Stage 2 is located to the north of MPW South (the Development) and includes operation of a multi-purpose Intermodal (freight) Terminal facility, rail link connection, warehousing and a freight village. The MPW Stage 2 Operational Environmental Management Plan (OEMP) and sub-plans were approved by:

- the Commonwealth Department of Climate Change, Energy, Environment and Water (now National Environmental Protection Agency (NEPA) in accordance with Condition of Approval (CoA) 4 of the EPBC 2011/6086 Approval
- the NSW Department of Planning, Industry and Environment (DPIE) in accordance with Condition of Consent (CoC) C7 of the MPW Stage 2 (SSD 7709) Development Consent.

Operations on MPW Stage 2 commenced after these plans were approved.

1.3 Addendum Purpose

This Operational Flora and Fauna Management Plan (OFFMP) – Addendum (this Addendum) has been prepared to apply environmental management measures, where relevant, consistently for the operation of the Development and meet the relevant conditions of the applicable development approvals and consents. This Addendum is an addendum to the MPW Stage 2 OFFMP and forms a sub-plan to the MPW South Operational Environmental Management Plan (OEMP) – Addendum that has been prepared for the operation of the Development.

This Addendum addresses:

- the relevant conditions of the EPBC 2011/6086 Approval issued under the *Environment Protection and Biodiversity Conservation Act 1999* (EPBC Act)
- the relevant conditions of the MPW – Concept and Stage 1 (State Significant Development (SSD) 5066) Development Consent
- the relevant conditions of the MPW Stage 2 (SSD 7709) Development Consent
- the relevant conditions of the following Complying Development Consent (CDC) instruments issued under the *State Environmental Planning Policy (Transport and Infrastructure) 2021* (TISEPP):
  - CDC 230736/01 (27 February 2024) for the construction and use of Warehouses S1, S2, S3, S5 and S6
  - CDC 230736/01 (MOD) (25 June 2025) modification for the storage of dangerous goods (DG) at Warehouse S5
  - CDC 230736/07 (14 July 2025) modification for the storage of DG at Warehouse S2A
  - CDC 250077/01 (29 May 2025) for the construction and use of Warehouses S4
  - CDC 250077/06 (5 August 2026) modification to Warehouse S4 for the transport, storage and use of liquid petroleum gas onsite, designation of DG and commodity protected areas within the warehouse, and onsite diesel refuelling via mini-tanker.

This Addendum has been prepared for submission to NEPA under CoA 21 of the EPBC 2011/6086 Approval.

This Addendum was developed in reference to the following documents:

- Moorebank Intermodal Terminal Project Environmental Impact Statement (Parsons Brinkerhoff, October 2014)
- Moorebank Intermodal Terminal Response to Submissions Report (Parsons Brinkerhoff, May 2015)
- Moorebank Intermodal Terminal Supplementary Response to Submissions Report (Parsons Brinkerhoff, August 2015), Chapter 7 Revised environmental management measures
- MPW Stage 2 OEMP
- MPW Stage 2 OFFMP
- MPW Stage 2 Weed, Pest and Vermin Management Protocol (Appendix D of the MPW Stage 2 OFFMP)
- MPW South OEMP – Addendum.

1.4 Objectives and Targets

The objectives and targets for this Addendum are the same as those detailed in Table 1-1 of the MPW Stage 2 OFFMP

1.5 Consultation

Table 1-2 of the MPW Stage 2 OFFMP details the consultation with stakeholders prepared for the OFFMP. No further stakeholder consultation was required for the preparation of this Addendum.

1.6 Progressive Implementation of this Addendum

This Addendum is applicable to the operation of the Development. Operation of the Development will not commence until this Addendum has been submitted to the Minister responsible for the EPBC Act (or delegate) under CoA 21 of the EPBC 2011/6086 Approval. The most recent version of this Addendum will be implemented to manage the potential impacts of the Development on flora and fauna during operation.

Operational areas will come online progressively as warehouses are constructed, commissioned, and tenanted. As areas become operational, any adjacent construction areas will continue to be managed in accordance with the relevant approved Construction Environmental Management Plan and sub-plans, while operational areas will be managed in accordance with the MPW South OEMP – Addendum and sub-plan addenda.

Until the entire Development is operational, all construction areas will be appropriately identified and demarcated to enable effective management of the interface between any construction areas and operations.

1.6.1 Distribution and Availability

A copy of the approved MPW South OEMP – Addendum and sub-plan addenda will be kept at the Development Office and will be made available to relevant regulatory officers, the Certifying Authority and operational staff upon request.

In accordance with CoA 27 of the EPBC 2011/6086 Approval, each management plan will be published on the website of the person taking the action within one month of being approved or being submitted under CoA 21. This Addendum will be published on the Development's website (https://moorebankintermodalprecinct.com.au/).

1.6.2 Submission, Review and Update

This Addendum will be submitted to NEPA as required by CoA 21 of the EPBC 2011/6086 Approval prior to the commencement of operation of the Development.

This Addendum will be reviewed annually, as a minimum (until all areas are operational), which may lead to revision of the document.

Under CoA 21 of the EPBC 2011/6086 Approval, the revised document can be submitted to NEPA for information if implementing the plan would not be likely to have a new or increased impact, and approval of the plan under Section 143A of the EPBC Act is not required. CoA 21 to 25 of the EPBC 2011/6086 Approval detail the process for review and implementation of the revised documents following submission to NEPA. In the event that ESR or NEPA considers that the implementation of the revised document would be likely to have a new or increased impact, approval of the revised documents under Section 143A of the EPBC Act will be required prior to implementation.

In addition to the triggers above, this Addendum may be revised more regularly as a result of:

- Inspection outcomes (either by internal or external parties)
- Changes to the precinct-wide environmental management requirements (see Section 4.1)
- Changes to procedures and/or scope of works after an incident or potential incident
- Design or operational changes
- Opportunities for improvement identified as part of an investigation or non-compliance report
- Internal or external environmental audits
- Material complaints.

1.7 Document Structure

The structure of this Addendum is:

- **Section 1** provides a brief overview of the MIP and the purpose, objectives and targets, and application of this Addendum. It also describes requirements for consultation (if any).
- **Section 2** provides a summary of the activities being undertaken during operation of the Development.
- **Section 3** outlines the statutory requirements and obligations which need to be fulfilled during operation of the Development in relation to the management of flora and fauna.
- **Section 4** describes the environmental management requirements for the Development, relevant to flora and fauna.
- **Section 5** describes the existing environment, identifies the aspect, impacts and risks for flora and fauna and details the management measures that will be implemented to manage these risks.
- **Section 6** provides details for monitoring the implementation of this Addendum, and how environmental non-compliance and non-conformance will be managed during operations.

This addendum has been structured to be consistent with the other MPW South sub-plan addenda, as appropriate.

2 DEVELOPMENT DESCRIPTION

The Development comprises Warehouses S1, S2 (A and B), S4 and S5, located within the southern portion of the MPW footprint. The operation of the Development also includes ancillary infrastructure, namely car parking, landscaping, signage and lighting. Bushmaster Avenue provides truck and car access to the Development site.

The warehouses have been approved to operate 24 hours per day, 365 days per year. Heavy and light vehicles would access the warehouses via the main site access off Moorebank Avenue and Bushmaster Avenue, light vehicles would park in the allocated parking area adjacent to each warehouse and heavy vehicles would progress to the truck loading/unloading areas alongside each warehouse. Containers would be transferred directly to the warehouses from the rail terminals located to the east of the Development site.

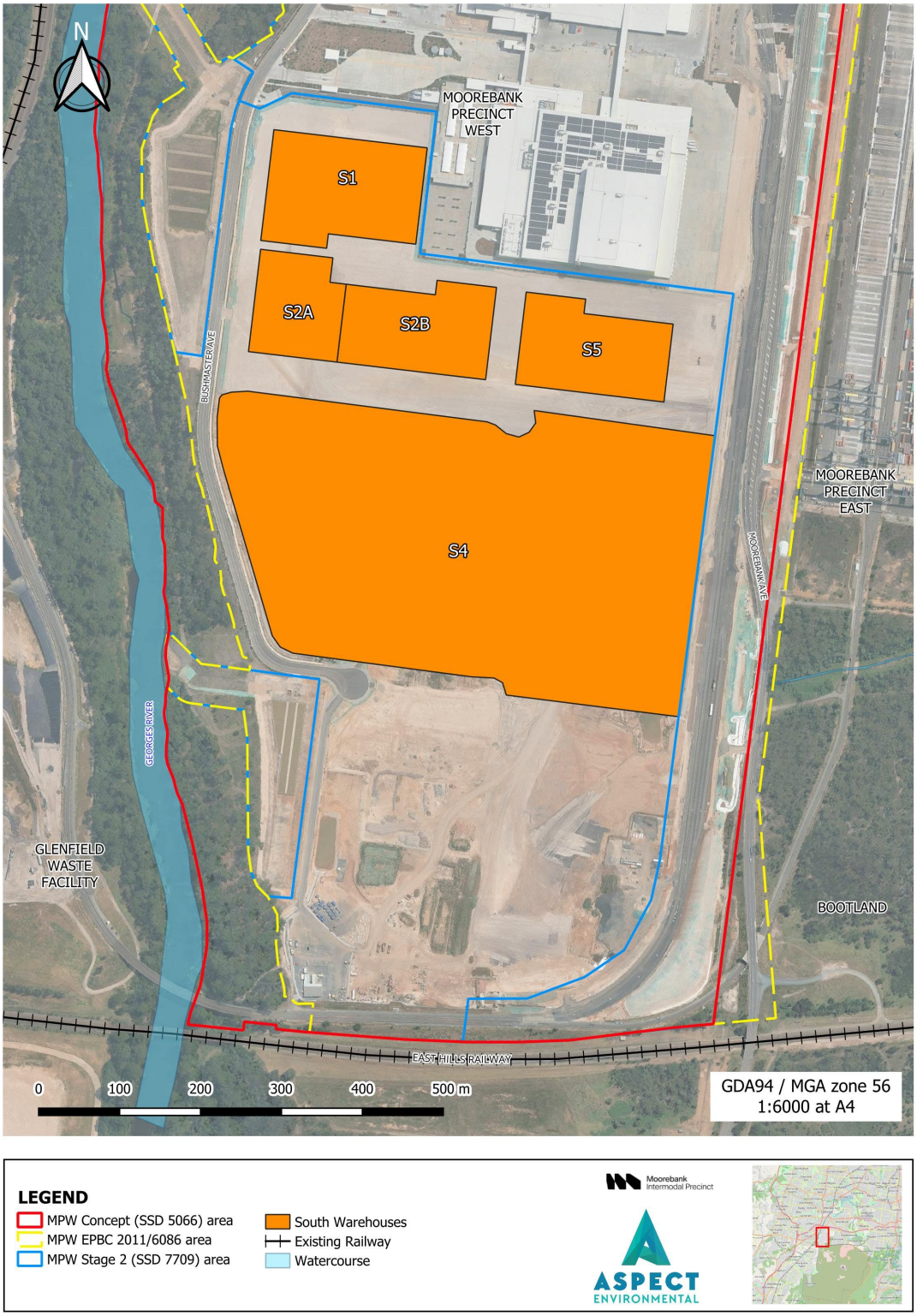
Known tenant details at the time of reporting are provided in Table 2-1. Where warehouses are untenanted, this has been identified as NA.

Table 2-1 MPW South Tenant Details

Warehouse	Tenant
S1	NA
S2A	Bracknells Warehousing and Distribution
S2B	Signify
S4	Kmart
S5	Opal Packaging Plus

The Development site is shown in Figure 2-1.

Figure 2-1 MPW South Development site (Aspect Environmental, January 2026)



3 STATUTORY REQUIREMENTS

The operation of the Development is required to comply with all relevant development approvals and consents legislation, permits, and licences applicable to the Development site. Where updated or revised versions of guidelines, protocols, standards or policies, or a replacement of these are available, the most recent versions would be reviewed and their applicability to this Addendum determined.

3.1 Development Approvals

The Development was approved under both the EPBC Act and *Environment Planning and Assessment Act 1979* (EP&A Act). The approval, consent and certificate granted under these acts include conditions relevant to operations and potential flora and fauna impacts as detailed below.

The EPBC 2011/6086 Approval for the MPW Concept was granted by DotEE (now NEPA) in September 2016 and varied on 17 September 2019 and 22 April 2022. The operation of the Development will be consistent with the EPBC 2011/6086 Approval conditions. The EPBC 2011/6086 Approval refers to the Revised Environmental Management Measures (REMM) of the “finalised EIS” (i.e. the Moorebank Intermodal Terminal Plan Supplementary Response to Submissions (RtS), Parsons Brinckerhoff, August 2017).

The MPW Concept and Stage 1 (SSD 5066) Development Consent was granted on 3 June 2016. The CoC under Schedule 2 (Terms of Approval) are potentially relevant to the operations of the Development, although CoC under Schedule 3 (Stage 1 Early Works) and Schedule 4 (Future Development Applications) are not.

The MPW Stage 2 (SSD 7709) Consolidated Consent was approved on 11 November 2019 by the NSW Independent Planning Commission (IPC) and is predominately applicable to operations within the northern portion of the MPW Stage 2 Site. However, the SSD 7709 Consolidated Consent defines the MPW Stage 2 Site as including the area of the Development (Appendix 1 Figure 1 of SSD 7709). Therefore, SSD 7709 CoC that refer to the “site” may apply to operation of the Development.

A number of CDC consents have been issued in relation to the Development, as detailed in Section 1.3. These consents include conditions relevant to the operation of the Development but not specifically related to flora and fauna management and this Addendum.

The compliance of this Addendum with the relevant conditions of the approval and consents is detailed in Appendix A.

3.2 Legislation

The regulatory framework relevant to the operation of the Development is documented in Appendix F of the MPW Stage 2 OEMP. This framework identifies relevant legislative instruments, their key objectives and their application to the Development.

This register will be revised and updated in conjunction with the management review outlined in Section 6 of the MPW South OEMP – Addendum or when there has been a change to relevant legislation.

3.3 Permits and Licences

Permits and licences relevant to operations are detailed in Appendix B of the MPW Stage 2 OEMP. This register is revised and updated in conjunction with the management review outlined in Section 6 of the MPW South OEMP – Addendum, or when there has been a change to relevant legislation.

Compliance conditions relating to items listed on this register are incorporated into the MPW South OEMP – Addendum and the sub-plan addenda, where relevant.

A summary of the key permits and licences applicable to operations of the Development is provided in Section 3.3 of the MPW South OEMP – Addendum.

3.4 Guidelines

This Addendum has been prepared in accordance with a list of guidelines and codes of practice as detailed in Appendix C of the MPW Stage 2 OEMP, including the *Environmental Management Plan Guidelines (Commonwealth of Australia, 2014) and the Environmental Management Plan Guideline – Guideline for Infrastructure Projects* (DPE, 2020).

4 ENVIRONMENTAL MANAGEMENT

4.1 Precinct-wide Environmental Management

Section 4 of the MPW South OEMP – Addendum describes ESR's precinct-wide environmental management requirements as summarised in Table 4-1. This Addendum will be implemented in a manner that is consistent with these requirements.

Table 4-1 Precinct-wide environmental management requirements

Environmental Management Requirements	Section of MPW South OEMP – Addendum
LOGOS' Environmental Management System	Section 4.1
MIP Sustainability Policy and Sustainability Framework	Section 4.2
LOGOS' Workplace Health and Safety Management System	Section 4.3
MPW Stage 3 Precinct OEMP	Section 4.4
Operational environmental and sustainability objectives and targets	Section 4.5
Roles and environmental responsibilities	Section 4.6
Training and competence	Section 4.7
Community consultation and complaints management	Section 4.8
Incident management and emergency response	Section 4.9
Document control and records	Section 4.10

4.2 Roles and Environmental Responsibilities

Key roles and responsibilities associated with the implementation of this Addendum are detailed in Table 3-3 of the MPW Stage 2 OFFMP.

4.3 Training and Competence

Appropriate training and inductions for operations personnel will be undertaken in accordance with Section 4.7 of the MPW South OEMP – Addendum. The following flora and fauna specific information will be included:

- Visitor induction:
  - Key environmental constraints, including biodiversity offset areas and precautions in relation to the stormwater management infrastructure e.g. rain gardens
- General induction:
  - Roles and responsibilities relating to environmental management for operations

  - Details of environmental protection offences and penalties, and duty to notify of environmental harm
- Vocational training:
  - Environmental monitoring and management
  - Natural resource management
  - Weed identification in accordance with the MPW Stage 2 Weed, Pest and Vermin Protocol (Appendix D of the MPW Stage 2 OFFMP).

Records of all training and inductions are to be filed in accordance with the document control system outlined in the MPW South OEMP – Addendum.

5 IMPLEMENTATION

5.1 Existing Environment

Section 4.1 of the MPW Stage 2 OFFMP describes the existing environment in terms of:

- The MPW Stage 2 operational layout includes warehousing, an intermodal rail terminal, stormwater detention, water quality structures, hardstand pavement and landscaped areas. The Development includes warehousing, stormwater detention, water quality structures, hardstand pavement and landscaped areas.
- Adjacent areas:
  - Georges River, located to the west of the Development, is classified as Class 1 (Major Fish Habitat) river, and mapped as 'Key Fish Habitat' on DPI's Key Fish Habitat map. Its aquatic habitats include soft substrate pool, large woody debris and extensive macrophyte cover. The riparian corridor is comprised of both native and introduced disturbed vegetation and offers a buffer for soil stability.
  - Boot Land, which lies east of the Development. There are five different plant communities each associated with a threatened ecological community (TEC), present in the area.
  - Anzac Creek, located to the east of the Development, is classed as Class 3 (Minimal Fish Habitat). Note the Development does not drain to Anzac Creek.
- The Biobanking Area sits outside of the operational area of the Development and for the Biobanking Agreement is not relevant to this Addendum.
- Twelve priority weeds listed under the Biosecurity Act 2015 were identified within (prior to earthworks and construction) or immediately adjacent to the Development site. The identified weeds are listed in Section 4.1.4 of the MPW Stage 2 OFFMP.

5.2 Biosecurity Protocol

The biosecurity protocols for MPW South (Appendix E of the MPW Stage 2 OFFMP) will be implemented during the operation of the Development

5.3 Aspects, Impacts and Risks

Section 2 of this Addendum describes the Development, including operational activities, hours of operation and ancillary operational activities. Section 4.3 of the MPW Stage 2 OFFMP details the aspects, impacts and risks associated with the operation of the Development.

5.4 Management Measures

Management actions prescribed by this Addendum aim to avoid and minimise impacts on flora and fauna. Management measures to be implemented during operations are detailed in Table 5-1. These measures have been sourced from the MPW Stage 2 OFFMP and subsequently amended to be relevant for the operation of the Development.

Table 5-1 Management Measures

ID	Management Measure	Timing	Responsibility	Reference
General				
FF01	Management of a containment spill or leak will be undertaken in accordance with the Environmental Pollution Incident Response outlined in Section 3.10 of the MPW Stage 2 Operational Emergency Response Plan. Spill kits will be located throughout the Development.	As required	Health Safety and Environment (HSE) Manager	MPW Stage 2 OERP Section 3.10
FF02	On declared 'Total Fire Ban' days, hot works will not be undertaken in proximity to vegetation or ground cover without establishing a clearance zone around the works and there will be no: • Grass or vegetation reduction works (including mowing/slashing) • Arborist works (chainsaw) • Vehicle operations in long grass.	As required	HSE Manager	Best practice
FF03	Vehicles, plant and equipment will not block fire trails.	Ongoing	HSE Manager	Best practice
Weed Control and Pest Management				
FF04	Control of priority weeds will be undertaken in accordance with the Weed, Pest and Vermin Management Protocol to prevent the spread into adjacent and nearby bushland.	Ongoing	HSE Manager Landscape Contractor	MPW Stage 2 OFFMP Appendix D MPW Stage 2 Weed, Pest and Vermin Management Protocol
FF05	Equipment used for treating weed infestation will be cleaned prior to moving to a new area within the Development to minimise the likelihood of transferring any plant material and soil.	As required	HSE Manager Landscape Contractor	MPW Stage 2 Proposal RtS Appendix G Updated Biodiversity Assessment Report (BAR) (Arcadis, 2017)
FF06	Vegetative material and topsoil that contains or is likely to contain priority weeds and propagules must be disposed of at an appropriate waste facility	As required	HSE Manager Landscape Contractor	Best practice

ID	Management Measure	Timing	Responsibility	Reference
	that accepts such material. The nearest waste facilities are located at: • Chullora (15 Muir Road, Chullora NSW 2190) • Lucas Heights (New Illawarra Rd, Lucas Heights NSW 2234).			
FF07	If feral fauna species and/or vermin are identified in the Development, or to minimise the potential impacts from feral fauna species and/or vermin, the Weed Pest and Vermin Management Protocol will be implemented.	Ongoing	All site staff and visitors	MPW Stage 2 OFFMP Appendix D MPW Stage 2 Weed, Pest and Vermin Management Protocol
FF08	Manage undesirable animal species by: • Monitoring the site for the presence of undesirable animal species • Cooperating with government bodies, interest groups and adjacent landowners in regional pest management programs • Manage the use of nest boxes by undesirable species.	Ongoing/as required	HSE Manager Landscape Contractor	MPW Stage 2 Proposal RtS Appendix G Updated BAR (Arcadis, 2017) REMM 6AA MPW Stage 2 OFFMP Appendix C MPW Stage 2 Koala Management Plan (Cumberland Ecology, 2019)
Pathogen Management				
FF09	Pathogen management will be undertaken in accordance with the Weed Pest and Vermin Management Protocol.	As required	HSE Manager	MPW Stage 2 OFFMP Appendix D MPW Stage 2 Weed, Pest and Vermin Management Protocol
FF10	Vehicles, equipment, materials and footwear used in landscaping activities and activities involving soil disturbance will be cleaned on entry (free of soil, mud and/or seeds) to minimise the introduction or spread of *Phytopthora cinnamomi*.	Ongoing	HSE Manager	Saving Our Species Hygiene Guidelines – Protocols to protect priority biodiversity areas in NSW from *Phytophthora cinnamomi*, myrtle rust, amphibian chytrid fungus and invasive plants (NSW

ID	Management Measure	Timing	Responsibility	Reference
				DPIE 2020)
FF11	In the event frogs are encountered on site and require relocation, a suitably qualified ecologist will be engaged to supervise relocation actions. If handling is deemed necessary by the ecologist, the risk of Chytrid pathogen transfer will be minimised by following the Saving Our Species Hygiene Guidelines – Protocols to protect priority biodiversity areas in NSW from *Phytophthora cinnamomi*, myrtle rust, amphibian chytrid fungus and invasive plants (NSW DPIE 2020).	As required	Suitably qualified and experienced ecologist, vet, appropriate Council officer or WIRES representative	Saving Our Species Hygiene Guidelines – Protocols to protect priority biodiversity areas in NSW from *Phytophthora cinnamomi*, myrtle rust, amphibian chytrid fungus and invasive plants (NSW DPIE 2020)
Fauna Management				
FF12	If an animal is injured, contact a local wildlife rescue agency (e.g. WIRES) and/or veterinary surgery immediately. Until the animal can be cared for by a suitably qualified animal handler, minimise stress to the animal and reduce the risk of further injury by: • Handling fauna with care and as little as possible • Covering larger animals with a towel or blanket and placing in a large cardboard box • Placing small animals in a cotton bag, tied at the top • Keeping the animal in a quiet, warm, ventilated and dark area.	As required	HSE Manager Suitably qualified and experienced ecologist, vet, appropriate Council officer or WIRES representative All site staff and visitors	MPW Stage 2 Proposal RtS Appendix G Updated BAR (Arcadis, 2017)
FF13	In the case of arboreal or flying mammals, attempts will be made to relocate the den or nest under the supervision of the Project Ecologist. After capture, the animal(s) will be held by a trained wildlife carer for a period of no longer than two weeks until the roost or den can be relocated, either as an entire tree or part thereof.	As required	HSE Manager Suitably qualified and experienced ecologist, vet, appropriate Council officer or WIRES representative All site staff and visitors	MPW Stage 2 Proposal RtS Appendix G Updated BAR (Arcadis, 2017)

ID	Management Measure	Timing	Responsibility	Reference
FF14	If fauna are present, allow that fauna to move through the Development and off site, where practical. If fauna does not relocate off site, is injured or a threat is evident, contact an ecologist, fauna handler, WIRES or local veterinary surgery as soon as practical to assist in relocation to adjacent retained habitat. HSEQ Manager/Advisor will be contacted immediately. Activities within that locality may need to cease if the animal is in danger or harmed until it has been relocated.	As required	HSE Manager Suitably qualified and experienced ecologist, vet, appropriate Council officer or WIRES representative All site staff and visitors	MPW Stage 2 Proposal RtS Appendix G Updated BAR (Arcadis, 2017)
FF15	All vehicles and plant are to adhere to site speed limits.	Ongoing	All site staff and visitors	Best practice
Koala Management				
FF16	Maintenance of habitat corridors to enable koalas to disperse to adjacent areas including: • Fencing • Culverts • Restriction of access to habitat corridor.	Ongoing	HSE Manager	SSD 7709 CoC B160 MPW Stage 2 OFFMP Appendix C MPW Stage 2 Koala Management Plan Section 8.3.5
FF17	Watering of plant stock during dry conditions.	Annually for 5 years	HSE Manager Landscape Contractor	MPW Stage 2 OFFMP Appendix C MPW Stage 2 Koala Management Plan Section 9.1.3
Vegetation Management				
FF18	Native vegetation within the basin outlets is to be managed to maintain fauna passage and connectivity values.	Ongoing	HSE Manager Landscape Contractor	Section 2.4 of the Urban Design Development Report (Reid Campbell, 2021) MPW Stage 2 Proposal RtS Appendix G Updated BAR

ID	Management Measure	Timing	Responsibility	Reference
				(Arcadis, 2017)
FF19	Enhance site habitat by implementing the following elements of a planting scheme: • Provide structurally diverse vegetation • Choose plant species to maximise fauna habitat • Install nest boxes for hollow-dependent native animals • During construction of stormwater outlets, create frog habitat • Create rocky habitat.	Ongoing	HSE Manager Landscape Contractor	MPW Stage 2 Proposal RtS Appendix G Updated BAR (Arcadis, 2017) REMM 6AA
Threatened Flora				
FF20	Upon detection of a threatened species the MPW Stage 2 Operational Unexpected (Biodiversity) Finds Protocol will be implemented.	As required	HSE Manager	MPW Stage 2 OFFMP Appendix F MPW Stage 2 Operational Unexpected (Biodiversity) Finds Protocol
Bushfire				
FF21	Bushfire risk management strategies detailed in the Bushfire Management Plan (Appendix F of the MPW Stage 2 Operation Emergency Response Plan (OERP)), including maintenance of vegetation within asset protection zones (APZs) is to be implemented to reduce the risk from bushfire to an acceptable level.	As required	HSE Manager	MPW Stage 2 OERP Appendix F Bushfire Management Plan
Monitoring				
FF22	Monitoring of fauna, flora and aquatic species within the Project site is to be completed in accordance with Section 5.	Ongoing, as required	HSE Manager Landscape Contractor	MPW Stage 2 Proposal RtS Appendix G Updated BAR (Arcadis, 2017)

6 MONITORING AND REVIEW

6.1 Environmental Monitoring

Flora and fauna monitoring will be undertaken in accordance with the monitoring detailed in Section 5.1 of the MPW Stage 2 OFFMP, where relevant. Monitoring criteria applicable to this Addendum are consistent with the criteria outlined in Section 5.1.1 of the MPW Stage 2 OFFMP.

Monitoring required to determine the effectiveness of management measures required by this Addendum is outlined in Table 6-1.

Table 6-1 Monitoring activities

Monitoring Activity	Frequency	Responsibility
Inspect the Development site to determine weeds, vermin and pest species are not present in sufficient numbers to pose an environmental hazard, or cause the loss of amenity in the surrounding area.	No less than every three months	HSE Manager Landscape Contractor
Monitor fauna control structures including connectivity structures, fences, grids, gates and bridges.	Annually during spring Event based inspections	HSE Manager Landscape Contractor

6.2 Environmental Reporting

Reporting for the purpose of this Addendum will be conducted in accordance with Section 5.3 of the MPW Stage 2 OFFMP.

6.3 Environmental Auditing and Inspections

Auditing and inspections will be undertaken in accordance with Sections 6.3 of the MPW South OEMP – Addendum.

6.4 Incidents

Incident management for the purpose of this Addendum will be conducted in accordance with Section 5.5 of the MPW Stage 2 OFFMP.

6.5 Complaints

Complaint management for the purpose of this Addendum will be conducted in accordance with Section 5.6 of the MPW Stage 2 OFFMP.

6.6 Non-compliance, Non-conformance and Corrective Actions

It is the responsibility of all personnel to report non-conformances to ESR. The HSE Manager and/or Asset Manager will investigate non-conformances, log corrective and/or preventative actions, and delegate responsibility for corrective and/or preventative actions within assigned timeframes.

Non-compliances and non-conformances will be managed in accordance with Section 6.4 of the MPW South OEMP – Addendum.

APPENDIX A – APPROVALS AND CONSENT COMPLIANCE MATRIX

CoA/CoC	Requirement	Section	How Addressed
EPBC 2011/6086 Approval			
7	Sections of the CEMP and OEMP relating to biodiversity must be prepared by a suitably qualified expert and must:	This Addendum	This Addendum was prepared by suitably qualified experts from Aspect Environmental.
	(a) be consistent with the Biodiversity Provisional Environmental Management Framework (3 July 2014), provided at Appendix O to the finalised EIS	This Addendum	This Addendum is consistent with Section 6.3 of the Biodiversity Provisional Environmental Management Framework which details management controls to be implemented during the operation phase.
	(b) incorporate all measures 6A to 6R, 6T, 6V and 6X from Table 7.1 of the finalised EIS that are described as 'mandatory'	NA	REMM 6A-6I, 6K, 6O-6P, 6R, 6T, 6V and 6X do not apply to operations.
	(c) explain how all measures 6A to 6R, 6T, 6V and 6X from Table 7.1 of the finalised EIS that are described as 'subject to review' have been addressed	NA	REMM 6J, 6M-6N and 6Q do not apply to operations.
	(d) include detailed biosecurity protocols, prepared in consultation with relevant New South Wales and Commonwealth biosecurity agencies, in relation to international and interstate container movement	Section 5.2 MPW Stage 2 OFFMP Appendix E	Section 5.2 references the biosecurity protocols outlined in Appendix E of the MPW Stage 2 OFFMP.
	(e) be approved by the Minister	NA	This Addendum will be submitted to NEPA under CoA 21.

CoA/CoC	Requirement	Section	How Addressed
REMM			
	There are no REMM relevant to the management of flora and fauna during the operation of the Development.		
SSD 5066 Development Consent			
	The concept approval did not include conditions relating to flora and fauna.		
SSD 7709 Development Consent			
B83	The Applicant must: (a) implement measures to manage pests, vermin and declared noxious weeds on the site; and (b) inspect the site on a regular basis to ensure that these measures are working effectively, and that pests, vermin or noxious weeds are not present on site in sufficient numbers to pose an environmental hazard or cause the loss of amenity in the surrounding area. Note: For the purposes of this condition, noxious weeds are those species subject to an order declared under the Biosecurity Act 2015.	Sections 5.4 and 6.1	Sections 5.4 and 6.1 of this Addendum describes weed and pathogen control measures and monitoring that will be implemented during the operation of the Development.
B160	Prior to commencement of operation an Operational Flora and Fauna Management Plan (OFFMP) must be prepared by a suitably qualified person in consultation with OEH and be submitted to the Planning Secretary for approval. The OFFMP must include: (a) monitoring, management and maintenance procedures for koala habitat corridors; and (b) management and maintenance of other measures and site	Section 6	Section 6 of this Addendum references Section 5.1 of the MPW Stage 2 OFFMP, which outlines monitoring measures for koala habitat corridors and minimising the risk of harm to koalas and other native fauna.

CoA/CoC	Requirement	Section	How Addressed
	operations to minimise the risk of harm to koalas and other native fauna.		
CDC 230736/01			
	The CDC did not include conditions relevant to flora and fauna management during the operation of the Development.		
CDC 230736/01 (MOD)			
	The CDC did not include conditions relevant to flora and fauna management during the operation of the Development.		
CDC 230736/07			
	The CDC did not include conditions relevant to flora and fauna management during the operation of the Development.		
CDC 250077/01			
	The CDC did not include conditions relevant to flora and fauna management during the operation of the Development.		
CDC 250077/06			
	The CDC did not include conditions relevant to flora and fauna management during the operation of the Development.		