

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution
Centre

Augusta Street – Warehouse and Distribution Centre

SSD – 36138263

Construction Waste Management Plan

Author Jovi Highman-Smith

Approver Mathew Williams

Report No J1969250109.02

Date 09/01/2025

Revision 02





Author Details	Qualifications and Experience
Jovi Highman-Smith	BEnvSc 3 years' experience in regional strategic planning, environmental assessment and management across construction, including State significant development and Commonwealth approvals.

Approver Details	Qualifications and Experience
Mathew Williams	BEnvSc Over 24 years' experience in planning, auditing, compliance and construction environmental management.

REVISIONS

Revision	Date	Description	Prepared by	Approved by
Rev 01	13/05/2024	Draft issued to client for review	J Highman-Smith	M Williams
Rev 02	09/01/2025	Updated to address client comments and Development Consent	J Highman-Smith	M Williams

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Limitations on use and reliance

Aspect Environmental Pty Ltd has prepared this report solely for the use of the Client and those parties with whom a warranty / end-user agreement or licence has been executed, or with whom an assignment has been agreed. Should any third party wish to use or rely upon the contents of the report, written approval must be sought from Aspect Environmental Pty Ltd; a charge may be levied against such approval.

Aspect Environmental Pty Ltd accepts no responsibility or liability for:

- a) the consequences of this document being used for any purpose or Development other than for which it was commissioned, and*
- b) the use of, or reliance on, this document by any third party with whom an agreement has not been formally executed.*

The work undertaken to provide the basis of this report comprised a study of available documented information from a variety of sources (including the Client).

Should additional information become available which may affect the opinions expressed in this report, Aspect Environmental Pty Ltd reserves the right to review such information and, if warranted, to modify the opinions accordingly.

www.esr.com

© Copyright 2024 ESR Australia & NZ. The concepts and information contained in this document are the property of ESR Australia & NZ. Use or copying of this document in whole or in part without the written permission of ESR constitutes an infringement of copyright. Limitation: This report has been prepared on behalf of, and for the exclusive use of ESR's Client, and is subject to, and issued in accordance with, the provisions of the contract between ESR and the Client. ESR accepts no liability or responsibility whatsoever for, or in respect of, any use of, or reliance upon, this report by any third party.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Acronyms and Definitions

Acronym / Term	Meaning
CEMP	Construction Environmental Management Plan
CoC	Condition(s) of Consent
CWMP	Construction Waste Management Plan
DP	Deposited Plan
EIS	Environmental Impact Statement
Environmental Incident	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.
POEO Act	NSW Protection of the Environment Operations Act 1997
PPE	Personal Protective Equipment
NSW	New South Wales
Non-compliance	An occurrence, set of circumstances, or development that is a breach of the SSD 36138263 Development Consent.
SSD	State significant development
The Development	Augusta Street – Warehouse and Distribution Centre

Table of Contents

<i>Acronyms and Definitions</i>	<i>iv</i>
<i>Table of Contents</i>	<i>v</i>
List of Tables	v
List of Figures	vi
1. INTRODUCTION	1
1.1. Background	1
1.2. Development Description	1
1.3. Purpose of this Plan.....	5
1.4. Objectives and Targets.....	5
2. COMMUNITY AND STAKEHOLDER ENGAGEMENT	5
2.1. Consultation during Preparation of Plans.....	5
3. LEGAL AND OTHER REQUIREMENTS	6
3.1. Legislation and Guidelines.....	6
3.2. Development Consent Conditions.....	6
4. IMPLEMENTATION	9
4.1. Estimated Construction Waste	9
4.2. Waste Classification	9
4.3. Waste Reduction	16
4.4. Beneficial Reuse.....	16
4.5. Waste Removal.....	16
4.6. Training and Awareness.....	17
5. MONITORING AND REVIEW	18
5.1. Environmental Inspections	18
5.2. Environmental Monitoring.....	18
5.3. Environmental Auditing and Records	19
5.4. Contingency Management Plan	19
5.5. Non-compliance and Actions.....	20
5.6. Environmental Incident and Emergency Response.....	20
5.7. Environmental Reporting	20
5.8. CWMP Review and Revision Program	20

List of Tables

Table 1-1 Objectives and targets	5
Table 3-1 Legislative and related instruments relevant to the Development.....	6

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Table 3-2 Relevant CoC and where the CWMP addresses them	7
Table 4-1 Estimated construction waste quantities	9
Table 4-2 Potential waste types and their management measures	11
Table 4-3 Waste reduction measures	16
Table 4-4 Beneficial reuse measures	16
Table 4-5 Waste removal measures.....	17
Table 5-1 Summary of waste monitoring.....	18
Table 5-2 Summary of environmental reporting for the CWMP	20

List of Figures

Figure 1-1 Site context (EIS, Urbis, 12 September 2023	3
Figure 1-2 Site layout (EIS, Urbis, 12 September 2023)	4

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

1. INTRODUCTION

1.1. Background

This Construction Waste Management Plan (CWMP) has been prepared by Aspect Environmental Pty Ltd on behalf of ESR Australia & NZ (ESR) to support the State significant development (SSD 36138263) for the proposed Augusta Street Warehouse and Distribution Centre (the Development) at Augusta Street, Blacktown (the Site).

This CWMP is a sub-plan of the Construction Environmental Management Plan (CEMP) and has been prepared with reference to:

- The SSD 36138263 Development Consent and the included conditions of consent (CoC) dated 17 December 2024
- Response to Submissions Report (Urbis, 26 March 2024)
- Environmental Impact Statement (EIS) (Urbis, 12 September 2023)
- The SSD 36138263 Planning Secretary's Environmental Assessment Requirements which were issued in November 2023.

The CWMP assesses the potential construction waste impacts associated with the Development.

1.2. Development Description

The Development seeks to construct a modern industrial warehouse and distribution precinct which would be located at Augusta Street, Huntingwood East within the Blacktown local government area. The Site comprises multiple parcels of land and is legally described in Section 1.2 of the Construction Environmental Management Plan (CEMP).

The Site is approximately 34km west of the Sydney CBD and approximately 3.3km south of the Blacktown commercial centre.

The Site comprises a total of 26.64ha of undeveloped industrial zoned land within the Western Sydney Employment Area. The Site is immediately adjacent to two main roads, the Great Western Highway and the M4, bordering the north and south of the Site, respectively.

The Development involves:

- Site earthworks, including cutting and filling, required to deliver large-scale warehouse buildings
- Construction and fit-out of four buildings (comprising 15 warehouse tenancies) including:
 - Warehouse Building 1, single-level (maximum building height 16.80m)
 - Warehouse Building 2, single-level (maximum building height 16.80m)
 - Warehouse Building 3 and 4, single-level (maximum building height 16.80m)
 - Warehouse Building 5, multi-level (maximum building height 34.84m)
- A total of 134,565m² of gross floor area (GFA) is to be provided in the above buildings, comprising:
 - Warehouse: 128,027m²

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

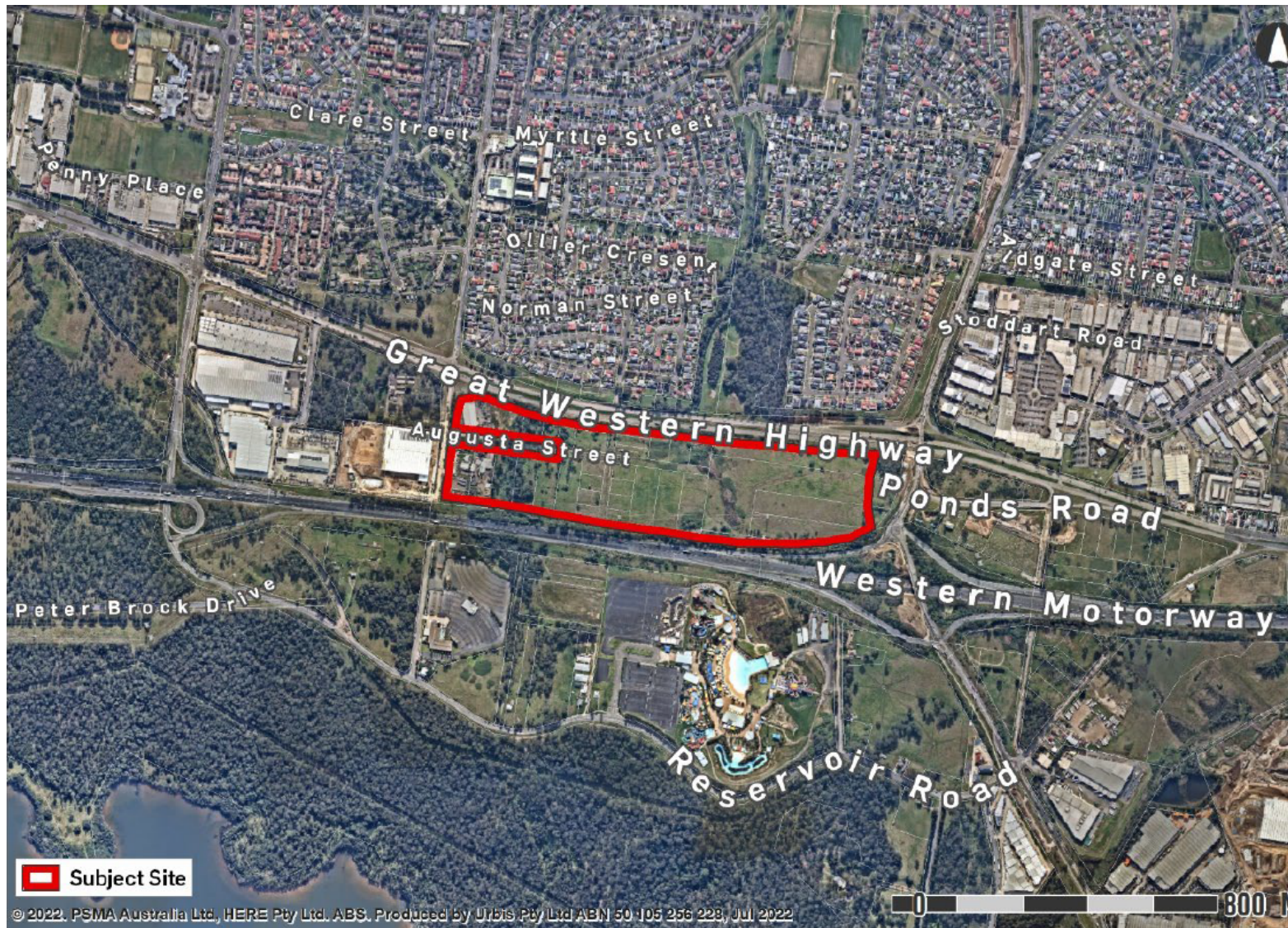
- Office: 6,538m².
- Vehicle access to completed Warehouses 1-4 is via Augusta Street and Flushcombe Road. A new intersection providing access from the Great Western Highway will enable access to Warehouse 5.
- On site car parking provision of 951 spaces, including an overflow car parking area to satisfy Council's parking requirements, as well as forecast demand.
- Riparian planting and landscaping within the conservation areas and along the site boundaries.
- Business and building identification signage.
- Consolidation of the existing lots and subdivision into three Torrens title lots.

The Development site is indicated by red outline on Figure 1-1 and the site layout for the Development is shown in Figure 1-2.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

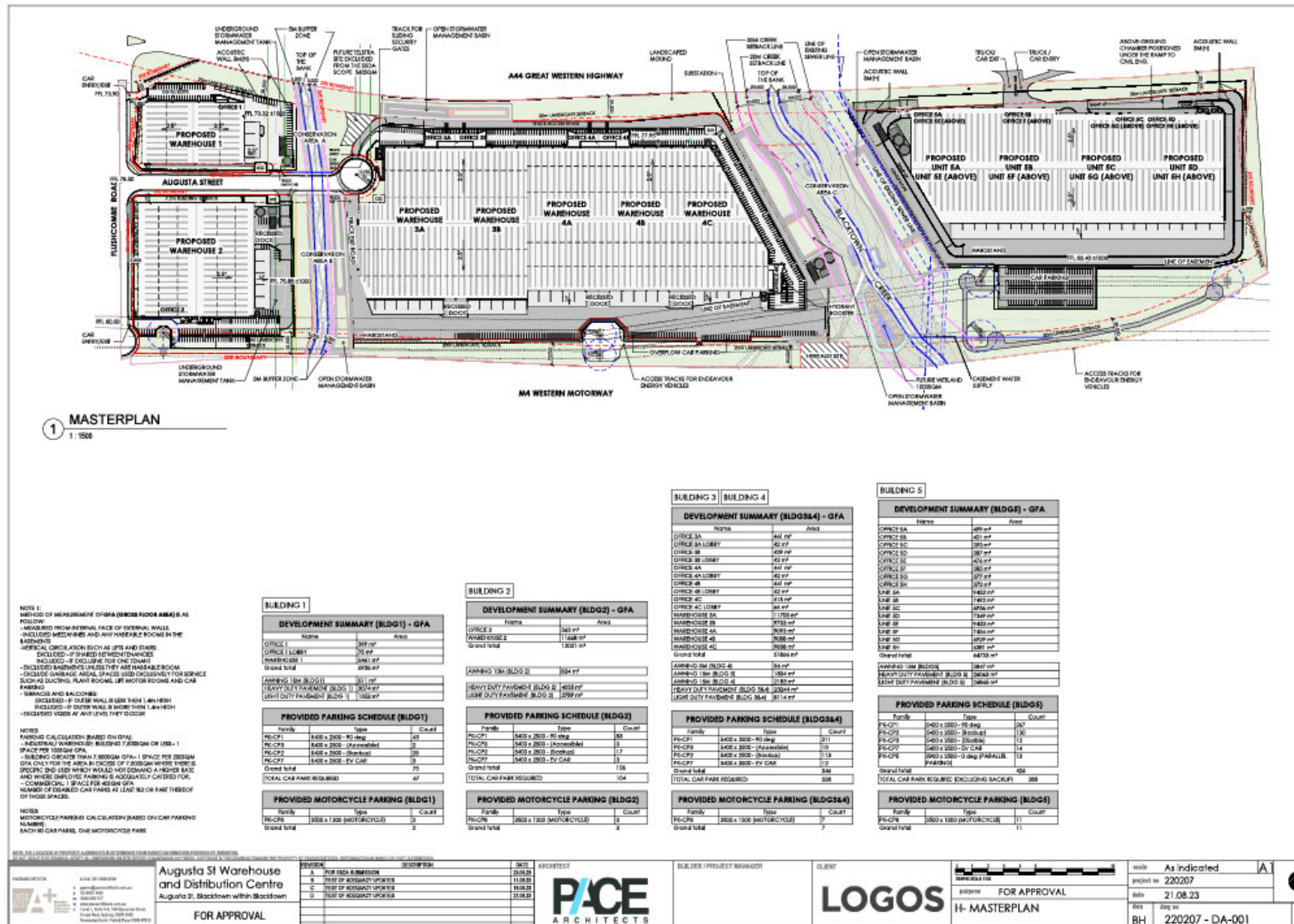
Figure 1-1 Site context (EIS, Urbis, 12 September 2023)



Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Figure 1-2 Site layout (EIS, Urbis, 12 September 2023)



Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

1.3. Purpose of this Plan

This CWMP has been prepared to address the conditions of the SSD 36138263 Development Consent related to waste (CoC B76 and B77), to provide methods to monitor and manage impacts from waste during the construction of the Development.

Construction is to be undertaken in accordance with the most recent, approved version of this CWMP.

All ESR personnel, contractors and visitors are responsible for the implementation of this CWMP and have the responsibility to stop works if there is the potential for a safety or environmental incident to occur.

Roles and responsibilities for environmental management of the Development are outlined in Section 3.2 of the CEMP.

1.4. Objectives and Targets

The objectives and targets of this CWMP are summarised in Table 1-1.

Table 1-1 Objectives and targets

Objectives	Target	Timeframe	Responsibility	Monitoring Method
Manage waste production and resource recovery	In accordance with Blacktown City Council's Waste Management Hierarchy	As required	Contractor Environment Manager Contractor Project Manager	Waste reporting
Manage contaminated and hazardous waste	Remove all contaminated or hazardous materials from site to an appropriate licensed facility	As required	Contractor Environment Manager	Qualified and certified contractors

2. COMMUNITY AND STAKEHOLDER ENGAGEMENT

2.1. Consultation during Preparation of Plans

In accordance with SSD 36138263 Development Consent, consultation with stakeholders was not required during the development of this plan.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

3. LEGAL AND OTHER REQUIREMENTS

3.1. Legislation and Guidelines

The Development is to be constructed in accordance with applicable legislative instruments, permits, licences and guidelines as required. The instruments relevant to the management of waste across the Development are outlined in Table 3-1.

Table 3-1 Legislative and related instruments relevant to the Development

Legislation	Key Development Requirements	Activity/Aspect
<i>Environment Planning and Assessment Act 1979</i>	Establishes a system of environmental planning and assessment of proposed developments in NSW. The Development must comply with the requirements of the consent.	All
<i>Protection of the Environment Operations Act 1997 (POEO Act)</i>	Part 5.4 of the POEO Act requires operators to: (a) maintain plant in an efficient condition, or (b) operate plant in a proper and efficient manner. The handling, storage and disposal of all waste streams on site is to be implemented in accordance with the POEO Act. Aims to aid the protection, restoration and enhancement of the quality of the NSW environment, including emissions to air. Identifies activities for which an Environment Protection Licence is required.	Construction waste management Discharges or emissions to air, land and water
<i>Protection of the Environment Operations (Waste) Regulation 2014</i>	Handling, storage, transport and disposal of all waste streams to be undertaken with consideration for the requirements within the POEO (Waste) Regulation. Aims to protect human health and the environment. Identifies the thresholds for Environment Protection Licences.	Management of construction waste
<i>Waste Avoidance and Resource Recovery Act 2001</i>	Aims to promote waste avoidance and resource recovery by: • Encouraging efficient use of resources • Encouraging the avoidance of waste and the reuse and recycling of waste • Ensuring industry and the community share responsibility in reducing/dealing with waste • Efficiently funding waste/resource management planning, programs and service delivery.	Management of construction waste
<i>Environmentally Hazardous Chemicals Act 1985</i>	Hazardous waste is to be managed by appropriately qualified and licensed contractors, in accordance with the requirements of this Act.	Management of hazardous waste

3.2. Development Consent Conditions

The Development is to be constructed in accordance with SSD 36138263 Development Consent and in accordance with the documents referenced under

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

The conditions which apply to waste management and where they have been addressed are identified in Table 3-2.

Table 3-2 Relevant CoC and where the CWMP addresses them

SSD 36138263 CoC		CWMP Section
Construction Waste Management		
B78	Prior to the commencement of construction of the development, the Applicant must prepare a Construction Waste Management Plan for the development to the satisfaction of the Planning Secretary. The Plan must form part of a CEMP in accordance with condition C2 and must:	This Plan
	(a) detail the quantities of each waste type generated during construction and the proposed reuse, recycling and disposal locations; and	Section 4
	(b) be implemented for the duration of construction works.	Noted
	The Applicant must:	-
B79	(a) not commence construction until the Construction and Demolition Waste Management Plan is approved by the Planning Secretary.	Noted
	(b) implement the most recent version of the Construction and Demolition Waste Management Plan approved by the Planning Secretary	Noted
Management Plan Requirements		
	Management plans required under this consent must be prepared in accordance with relevant guidelines, and include:	This Plan
	(a) details of:	-
C1	(i) the relevant statutory requirements (including any relevant approval, licence or lease conditions);	Section 3.1
	(ii) any relevant limits or performance measures and criteria; and	Section 3.1
	(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;	Section 4.2
	(b) a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria;	Section 4.2
	(c) a program to monitor and report on the:	Section 5.2
	(i) impacts and environmental performance of the development; and	Section 5.2 Section 5.7
	(ii) effectiveness of the management measures set out pursuant to paragraph (c) above;	Section 5.2 Section 5.7

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

SSD 36138263 CoC	CWMP Section
(d) 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 5.4
(e) a program to investigate and implement ways to improve the environmental performance of the development over time;	Section 5.8
(f) 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 5.6
(ii) complaint;	Section 5.6
(iii) failure to comply with statutory requirements; and	Section 5.5
(g) a protocol for periodic review of the plan.	Section 5.8
Note: The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans	Noted

4. IMPLEMENTATION

During the construction of the Development, waste generated on site will be managed in accordance with the principles outlined in the Waste Management Hierarchy and relevant legislative requirements.

This section details the estimated waste generation during construction, along with how waste is to be classified and managed.

4.1. Estimated Construction Waste

The construction of the Development is anticipated to generate moderate volumes of waste. Estimated construction waste quantities for the Development were provided in the EIS (Urbis, 12 September 2023) and are summarised in Table 4-1.

Table 4-1 Estimated construction waste quantities

Waste Type	Estimated Waste (%)	Estimated Volume (m ³)
Hard material	32	5,364
Timber	24	4,023
Plastics	15	2,514
Cement sheet	9	1,509
Gypsum material	6	1,006
Metals	6	1,006
Paper / card	4	670
Vegetation	3	503
Soil	1	168
Other	0.3	50
Total	100%	16,813

4.2. Waste Classification

The construction of the Development will generate the following core waste streams:

- site preparation waste
- general construction waste
- construction plant maintenance waste
- packaging waste
- work compound waste from on site employees.

A summary of waste types that may be generated by construction activities, along with their waste classifications and typical management measures, is provided in Table 4-2. This summary has been sourced from the EIS (Urbis, 12 September 2023).

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

The NSW EPA website (<https://www.epa.nsw.gov.au/your-environment/waste>) provides further information on managing construction waste and classifying waste types. All wastes generated during construction works are to be classified in accordance with the requirements of NSW EPA (2014) Waste Classification Guidelines, Part 1: Classifying Waste.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Table 4-2 Potential waste types and their management measures

Waste Sources and Types	NSW EPA Waste Classification	Typical Management Measures
Excavated soil	Subject to Waste Classification as per EPA 2014 following excavation	Soil surplus to the site requirements to be sampled, analysed and classified in accordance with NSW EPA Waste Classification Guidelines (EPA 2014) prior to off site disposal at a facility that is licensed to accept that class of waste. Materials that meet the relevant site reuse criteria is to, where possible, be reused to establish the required site levels during construction works. Soil testing, excavation, reuse and disposal works is to be managed by a soil management plan. If required, it is expected that an assessment of relevant material will identify that undisturbed natural soil and bedrock at the site to meet the definition of Virgin Extracted Natural Material (VENM) for off site disposal or re-use purposes. VENM is considered suitable for re-use on site, or alternatively, may be suitable for beneficial reuse at another site as fill material. In accordance with Part 1 of the Waste Classification Guidelines (EPA 2014), the VENM is pre-classified as general solid waste and may also be disposed of accordingly to a facility that is licensed to accept it. Where stockpiling is required prior to redistribution, control measures to avoid sediment and erosion to be implemented where appropriate. Where excess soil cannot be redistributed or has been situated in proximity to asbestos containing materials, the soil is required to be treated and/or disposed of, potentially as low-level contaminated waste via a licensed removalist to a disposal facility.
Top soil – Non weed contaminated		Retain on site for reuse in landscape areas.
Top soil – Weed contaminated		Treat on site and retain for suitable reuse.
Green waste (garden organics)	General solid waste (non-putrescible)	Green waste generated by removal of weeds must be removed from site and disposed of at a licenced facility. Other green waste can be mulched for reuse on the site.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Waste Sources and Types	NSW EPA Waste Classification	Typical Management Measures
Metal (including roofing)	General solid waste (non-putrescible)	Principal Contractor appointed by the client to investigate and determine appropriate storage and recycling of metals to reduce waste, including location and signage of skip bins on site. Where recycling of metal is not feasible, for example distribution to salvage yards for reuse, the contractor to organise disposal of the timber to a licensed waste facility.
Wood waste (including joinery offcuts)	General solid waste (non-putrescible)	Principal Contractor appointed by the client to investigate and determine appropriate storage and recycling of timber to reduce waste, including location and signage of skip bins on site.
Blockwork	General solid waste (non-putrescible)	Blockwork can generally be crushed for reuse.
Glazed bricks	General solid waste (non-putrescible)	Cleaned for reuse as footings, broken bricks for internal walls, crushed for landscaping or driveway use, off site recycling.
Concrete (building frames, cores and roof; external works; slab)	General solid waste (non-putrescible)	Concrete can be reprocessed and may, in some instances be reused across the site. However, the general practice is to crush the concrete and arrange for disposal to a recycling facility or disposal off site.
Plasterboard	General solid waste (non-putrescible)	Principal Contractor appointed by the client to investigate and determine appropriate storage and recycling of plasterboard to reduce waste, including location and signage of skip bins on site. Uncontaminated plasterboard (e.g. offcuts) or material with low levels of contamination such as nails and screws is completely recyclable and can be recycled for use in new plasterboard or the gypsum used in agricultural soil conditioners.
Glass	General solid waste (non-putrescible)	Where possible, co-mingled recycling bins be provided in common areas at work sites for plastic and glass bottles, soft drink cans, aluminium and tin cans to avoid these items being disposed to landfill.
Carpet tiles	General solid waste (non-putrescible)	Off site recycling or disposal; reused for landscaping.
Vinyl	General solid waste (non-putrescible)	Off site recycling or disposal.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Waste Sources and Types	NSW EPA Waste Classification	Typical Management Measures
Plastic (Artificial Turf and other durables (non-packing)	General solid waste (non-putrescible)	Where possible, co-mingled recycling bins be provided in common areas at work sites for plastic and glass bottles, soft drink cans, aluminium and tin cans to avoid these items being disposed to landfill.
Plastic and foam packaging	General solid waste (non-putrescible)	Plastic wastes associated with packaging for construction materials can be recycled or in some cases returned to the supplier of the materials for reuse.
General refuse	General solid waste (putrescible) and general solid waste (non-putrescible)	Principal Contractor appointed by the client to provide adequate bins on site for putrescible waste. This is particularly important around worker congregation areas, site office areas and toilet facilities. It is likely that general waste is to increase at times of internal and service fit out during construction, primarily associated with excess packaging materials and workers on site. Principal Contractor to determine the location of skip bins and specify waste stream separation measures across the site. Where possible, co-mingled recycling bins be provided in common areas at work sites for plastic and glass bottles, soft drink cans, aluminium and tin cans to avoid these items being disposed to landfill. Specialised bins for cigarette butts to be provided in designated smoking areas.
Electrical (HV and LV)	General solid waste (non-putrescible)	Off site recycling or disposal.
Optic fibre wiring	General solid waste (non-putrescible)	Off site recycling or disposal.
Light bulbs	Hazardous waste	Separate containers for the safe storage of these wastes are to be provided where applicable, prior to removal off site by an appropriately licensed contractor for recycling or disposal at a licensed facility.
Batteries	Hazardous waste	Separate containers for the safe storage of these wastes are to be provided where applicable, prior to removal off site by an appropriately licensed contractor for recycling or disposal at a licensed facility.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Waste Sources and Types	NSW EPA Waste Classification	Typical Management Measures
Empty drums (e.g. oil, fuel, chemicals, paint, spill clean-up)	Hazardous waste if the containers previously used to store Dangerous Goods (Class 1, 3, 4, 5 or 8) and from which residues have not been removed by washing or vacuuming. General solid (non-putrescible) waste if containers cleaned by washing or vacuuming.	Separate containers for the safe storage of these wastes are to be provided where applicable, prior to removal off site by an appropriately licensed contractor for recycling or disposal at a licensed facility.
PVC pipes (stormwater, electrical, optic fibre, sewer)	General solid waste (non-putrescible)	Off site recycling or disposal.
Asbestos containing materials	Special waste	A prior Hazardous Material Survey has identified the presence of asbestos containing materials on the proposed site. When asbestos containing materials are identified within work areas and require removal, a site and material specific asbestos removal control plan (ARCP) which has been developed by a competent person or a licensed asbestos assessor or licensed asbestos removal contractor prior to the commencement of any asbestos removal works is to be implemented. The ARCP has been developed in accordance with the requirements of SafeWork NSW How to Safely Remove Asbestos, Code of Practice 2016. Controls may include: • Appropriate PPE including respiratory protective equipment • Air monitoring undertaken by an accredited expert • The asbestos work area and removal site to be clearly defined and restricted to unauthorised personnel. All asbestos removal, transport and disposal must be performed in accordance with NSW legislative requirements including storing or wrapping in polythene bags. Any asbestos removed from site is to be inspected by a competent person or licensed asbestos assessor prior to movement to the waste disposal facility.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Waste Sources and Types	NSW EPA Waste Classification	Typical Management Measures
Lead based paints	Hazardous waste	Off site recycling, Paintback collection or disposal.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

4.3. Waste Reduction

Waste-type-specific reduction measures are to be employed during construction, with the measures detailed the EIS (Urbis, 12 September 2023) and in Table 4-3 implemented.

Table 4-3 Waste reduction measures

Management Measure	Responsibility	Timing/Frequency
Order site specific or prefabricated items.	Contractor Project Manager	During construction
Consider packaging material provided by suppliers during purchasing and reduce this requirement where possible or consider returnable packaging.	Contractor Project Manager	During construction
Material selection to consider recycled items.	Contractor Project Manager	During construction
Refine waste stream estimates to provide adequate on site storage and segregation.	Contractor Project Manager	During construction
Refine estimated volumes of material for construction.	Contractor Project Manager	During construction

4.4. Beneficial Reuse

The anticipated beneficial reuses of construction waste described in the EIS (Urbis, 12 September 2023) are detailed in Table 4-4. In addition, the detailed design process has considered the balancing of cut and fill across the site to minimise the volumes of soil required to be disposed of from the site.

Table 4-4 Beneficial reuse measures

Management Measures	Responsibility	Timing/Frequency
Waste management implemented during construction staging to promote reuse of materials across the site.	Contractor Project Manager	During construction
Areas for waste segregation are to be easily accessible and clearly defined.	Contractor Project Manager	During construction
Staff are to be familiar with on site storage areas for appropriate waste segregation.	Contractor Project Manager	During construction
Consider opportunities for materials reuse in areas in proximity to the site or local construction activities where practicable.	Contractor Project Manager	During construction

4.5. Waste Removal

Waste is to be removed and disposed of during construction as detailed in the EIS (Urbis, 12 September 2023), the Waste Management Plan (JBS&G, 24 August 2023) and Table 4-5. Waste can only be disposed of where prioritised management methods in the Waste Management Hierarchy cannot be implemented in a cost-effective manner.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Table 4-5 Waste removal measures

Management Measures	Responsibility	Timing/ Frequency
Site Manager to liaise with local council to determine appropriate disposal locations for potential waste streams.	Contractor Project Manager	Prior to construction
Segregate wastes which cannot be reused or recycled and require offsite disposal.	Contractor Project Manager	At all times
Maintenance staff to be inducted into site waste management practices.	Contractor Project Manager	Prior to construction
Hazardous materials to be disposed of in accordance with the handling and disposal requirements of SafeWork NSW and NSW EPA.	Contractor Project Manager	At all times
General wastes to be disposed of in accordance with local council requirements.	Contractor Project Manager	At all times

4.6. Training and Awareness

As detailed in Section 3.6 of the CEMP, all Development personnel to be made aware of the site-specific waste management requirements through a site induction and prestart meetings/toolbox talks prior to the commencement of construction.

All Development personnel to benefit from specific waste management training to help them better manage the environmental impacts of the Development, where they are made aware of:

- the waste and resource management objectives of this CWMP
- waste related legislation requirements
- roles and responsibilities outlined in this CWMP
- relevant control measures
- incident management and response
- communication and notification requirements.

5. MONITORING AND REVIEW

Ongoing environmental inspections, monitoring and reporting for the Development is detailed in Section 5 of the CEMP. The monitoring and review actions relevant to this CWMP are provided below.

5.1. Environmental Inspections

Environmental inspections to be undertaken are described in Section 5.1 of the CEMP. Environmental inspections with relevance to the implementation of this CWMP are:

- daily and weekly inspections by Contract Environment Manager to monitor and verify implementation of management measures in this CWMP, including:
 - adherence to the CWMP
 - adoption of the waste management hierarchy on site as common practice
 - correct classification, segregation and subsequent management of waste
 - material usage.

5.2. Environmental Monitoring

Environmental monitoring is summarised in Section 5.2 of the CEMP and is to be undertaken to assist in the management of the following:

- construction of the Development in accordance with environmental approvals
- compliance with all relevant legislative requirements
- the risk of potential environmental incidents
- effectiveness of environmental controls
- implementation of this CWMP.

Waste monitoring requirements are summarised in the EIS (Urbis, 12 September 2023) and in Table 5-1.

Table 5-1 Summary of waste monitoring

Aspect	Monitoring	Frequency/Timing	Responsible
Waste quantity	Waste quantities generated are recorded, including tracking of receipts from waste recycling or disposal via the appointed waste contractor.	At all times	Contractor Project Manager
Waste classification	Record waste classification and testing results.	At all times	Contractor Project Manager
Implementation of the CWMP	Review the CWMP in light of any changes to construction activities or further information which may alter the waste management practices.	When required	Contractor Project Manager
	Undertake auditing of waste management across the site as a component of broader environmental site audits.	When required	ESR Representative

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Aspect	Monitoring	Frequency/Timing	Responsible
	Undertake visual inspections daily to ensure waste management controls are implemented and maintained across site.	Daily	Contractor Project Manager
	Undertake final review of the CWMP upon Development completion to ensure information accurately reflects site activities and to assist future waste management.	Development completion	ESR Representative

ESR will perform their functions in accordance with the SSD 36138263 Development Consent.

5.3. Environmental Auditing and Records

Environmental auditing is described in Section 5.3 of the CEMP. Audits involve a review of all environmental documents, records and reports to verify compliance with the CEMP and this CWMP.

Key environmental and procedural aspects to be covered by the audit may include:

- environmental management measures detailed in this CWMP
- adherence to reporting procedures
- complaint and incident management
- compliance with legislative requirements.

Environmental and construction records include:

- complaint records
- incident, non-conformance and corrective action reporting
- communications with stakeholders
- records of environmental monitoring
- monthly waste management reporting
- CEMP audit documentation.

Records of auditing and reporting are to be maintained to demonstrate compliance.

5.4. Contingency Management Plan

If inspections, monitoring and/or auditing indicate that the construction air quality management measures listed in this CWMP are not effective in managing environmental impacts from the Development, the waste management measures detailed in the Contingency Management Plan are to be implemented. The implementation of this Plan will allow the Development team to reduce ongoing impacts to levels below relevant impact assessment criteria as quickly as possible.

The consolidated Contingency Management Plan is included as Appendix K of the CEMP.

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

5.5. Non-compliance and Actions

A non-compliance is defined in SSD 36138263 Development Consent as an:

occurrence, set of circumstances or development that is in breach of this consent.

Potential non-compliances with the CoC and this plan will be managed in accordance with Section 5.5 of the CEMP. This includes the reporting, investigation and notification of non-compliances.

5.6. Environmental Incident and Emergency Response

An environmental incident is defined in SSD 36138263 Development Consent 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.

Environmental incidents can be identified by anyone and are to be reported to the ESR Representative immediately.

Potential or actual environmental incidents will be management in accordance with Section 5.6.1 of the CEMP.

Section 5.6.2 of the CEMP details the response to environmental emergencies for the Development. Emergency contact details are also provided.

In the event of an environmental incident or emergency related to the implementation of this CWMP, the responses detailed in the CEMP are to be implemented.

5.7. Environmental Reporting

The reporting of environmental performance during construction is undertaken as required by the Development Consent. Environmental reporting requirements for the Development are documented in Section 5.7 of the CEMP and reports relevant to this CWMP are listed in Table 5-2.

Table 5-2 Summary of environmental reporting for the CWMP

Report	Timing/ Frequency	Responsibility	CoC
Environmental inspection and progress reports	Ongoing to the Contractor Project Manager	Contractor Environment Manager	NA
Non-Compliance Report	As required, following identification of a non-compliance	Contractor Project Manager	CoC C12
Incident Report	Within 30 days of the date on which the incident occurred	Contractor Project Manager	CoC C11

5.8. CWMP Review and Revision Program

This CWMP is to be reviewed in accordance with Section 5.8 of the CEMP. The Development will bi-annually review the adequacy of the environmental management measures within the CEMP and sub-plans (including this CWMP) as well as the effectiveness of their implementation to determine whether they are still applicable to the activities being carried out on site. This review is to be undertaken by the Contract

Construction Waste Management Plan

Augusta Street – Warehouse and Distribution Centre

Environment Manager in consultation with the Contract Project Manager and ESR Representative.

CoC C8 also states that all strategies, plans and programs required under the SSD 36138263 Development Consent would be reviewed and the Planning Secretary notified of the review within three months of:

- the submission of an incident report under CoC C11;
- the approval of any modification of the conditions of this consent; or
- the issue of a direction of the Planning Secretary under CoC A2(b) which requires a review.

As per CoC C9, where documents are revised under the above reviews, the revised documents would be sent to the Planning Secretary for approval within six weeks of the review.

All employees and contractors are to be informed of any revisions to the CAQMP during toolbox talks.