

Appendix D

Consolidated Mitigation Measures

The collective measures required to mitigate the impacts associated with the proposed works are detailed below. These measures have been derived from the assessment in Section 6.0 of the EIS and those detailed in appended consultants' reports.

Ref No.	Potential Impact	Stage of Project	Mitigation Measure
Noise and Vibration			
NV-1	Source Control	Operation	<ul style="list-style-type: none"> • Mechanical plant located at ground, where possible. <ul style="list-style-type: none"> - Reduce potential noise emissions by locating equipment at ground level as opposed to elevated positions. • Reduce potential noise emissions by providing screening to roof mounted mechanical equipment. • Where possible, the site layout will be designed so that both the office and warehouse buildings screen the noisier areas of the development (ie hardstands and truck routes) from the nearest receivers. • Use broadband and/or ambient sensing alarms on trucks and forklifts where they are required to reverse during the night-time. • Appropriate design of site layout to minimise the need for trucks to stop or brake outside of loading docks with line of sight to residential receivers. • Production of an Operational Noise Management Plan.
NV-2	Path Control	Operation	<ul style="list-style-type: none"> • Awnings will be placed above hardstands reduce potential noise emissions from the site.
NV-4	Verification	Operation	<ul style="list-style-type: none"> • Design Noise Verification Report <ul style="list-style-type: none"> - Undertake further assessment of the proposal and associated impacts when more detailed information is available. • Noise monitoring <ul style="list-style-type: none"> - Verify post-construction operational noise levels are compliant with the relevant noise limits.
Waste			
W-1	Construction Waste Reduction Plan	Construction	Waste-type-specific reduction measures will be employed during construction, with the following specific procedures:

- Applying practical building designs and construction techniques;
- Appropriate sorting and segregation of construction wastes to ensure efficient recycling of wastes;
- Selecting construction materials taking into consideration to their long lifespan and potential for reuse;
- Ordering materials to size and ordering pre-cut and prefabricated materials;
- Reuse of formwork (where possible);
- Planned work staging;
- Reducing packaging waste on-site by returning packaging to suppliers where possible, purchasing in bulk, requesting cardboard or metal drums rather than plastics, requesting metal straps rather than shrink wrap and using returnable packaging such as pallets and reels;
- Careful on-site storage and source separation;
- Subcontractors informed of site waste management procedures; and
- Coordination and sequencing of various trades.

W-2	Operation Waste Reduction	Operation	Waste-type-specific reduction measures will be employed during development operation, with the following specific procedures:
			<ul style="list-style-type: none"> • Provision of take back services to clients to reduce waste further along the supply chain; • Re-work/re-packaging of products prior to local distribution to reduce waste arising; • Review of packaging design to reduce waste but maintain 'fit for purpose'; • Investigating leased office equipment and machinery rather than purchase and disposal; • Establish systems with in-house and with supply chain stakeholders to transport products in re-useable packaging where possible; • Flatten or bale cardboard to reduce number of bin lifts required; and • Providing recycling collections within each of the offices and tearooms (e.g. plastics, cans and glass).
W-3	Waste Transporting	Construction & Operation	<ul style="list-style-type: none"> • All wastes removed from the site shall be transported in accordance with relevant road and transportation regulatory requirements. Where required (depending on the classification of the wastes), appropriately licensed transport contractors shall be used. • The appointed transporters shall be responsible for ensuring they are appropriately licensed to: <ul style="list-style-type: none"> - Carry the particular type of waste; and - Transport the materials to an appropriately licensed facility. • Where the waste is classified as Restricted Waste or Hazardous Waste, the transporter is required to carry (subject to a number of exceptions) appropriately completed waste data forms with each load and provide a copy to the waste facility to which the waste is taken.

Hazard Risk			
HR-1	Hazard Risk	Operation	<ul style="list-style-type: none"> • Flammable gases (excluding LPGs) shall not be stored within 13 m of the site boundaries. • The DGs shall be stored in a manner which complies with the applicable storage standards (i.e. AS 3833:2024 or class specific standards such as AS 1940:2017).

- The documentation required by the Work Health and Safety (WHS) Regulation 2017 (Ref. [3]) shall be prepared to demonstrate the risks have been assessed and minimised So Far As Is Reasonably Practicable (SFAIRP) as required by the WHS Regulations.
- Where flammable gases or liquids are stored, a hazardous area classification in accordance with AS/NZS 60079.10.1:2022 (Ref. [4]) shall be prepared to ensure that an ignition source does not enter a hazardous atmosphere as required by the WHS Regulations.

Social			
S-1	Notification	Construction	Notification of potentially affected receivers during periods of disruptive construction works (i.e., when works are expected to exceed noise management levels). Affected receivers will be notified prior to commencement of disruptive works to allow them to make arrangements/prepare.
S-2	Complaints Management	Construction	Implementation of a Complaints Management System which enables nearby residents and businesses to contact the project team if any issues arise in relation to the project's impact on their daily lives/operations. Contact details will be publicly available online, as well as included in any communication material that is delivered to nearby receivers.
Aboriginal Cultural Heritage and Non-Aboriginal Heritage			
H-1	Provide copy of the Letter of Advice to RAPs	Operation	A copy of the Aboriginal and Historical Heritage Letter prepared by Biosis be provided to the RAPs for the ACHA conducted by Biosis. This LoA will keep RAPs updated on the works continuing within the study area and will continue to inform these groups about the management of Aboriginal cultural heritage sites within the vicinity of the study area throughout the life of the project.
H-2	Adhere to the CHMP	Construction	<p>All Aboriginal objects and Places are protected under the National Parks and Wildlife Act 1974 (NPW Act). While the SSD pathway negates the need to obtain an Aboriginal Heritage Impact Permit, Aboriginal cultural heritage is managed in the Conditions of Approval (CoA) provided in an SSD approval.</p> <p>Where Aboriginal cultural heritage is concerned within the study area, the mitigation and management strategies outlined in the CHMP produced by EMM Consulting (2023) will be adhered to. This CHMP was formed in line with the CoA provided in the SSD (SSD-10479) approval. Failure to comply with the CHMP and the CoA could result in a breach of the NPW Act.</p>
H-3	Discovery of Aboriginal ancestral remains	Construction	<p>Aboriginal ancestral remains may be found in a variety of landscapes in NSW, including middens and sandy or soft sedimentary soils. If any suspected human remains are discovered during any activity, you must:</p> <ol style="list-style-type: none"> 1. Immediately cease all work at that location and not further move or disturb the remains. 2. Notify the NSW Police and Heritage NSW's Environmental Line on 131 555 as soon as practicable and provide details of the remains and their location. 3. Not recommence work at that location unless authorised in writing by NSW Police and/or Heritage NSW.
H-4	Discovery of unanticipated historical relics	Construction	Relics are historical archaeological resources of local or State significance and are protected in NSW under the <i>Heritage Act 1977</i> (Heritage Act). Relics cannot be disturbed except with a permit or exception/exemption notification. Should unanticipated historical archaeology be discovered during

the course of the project, work in the vicinity must cease and an archaeologist contacted to make a preliminary assessment of the find. The Heritage Council will require notification if the find is assessed as a relic.

Air Quality and Odour			
AQ-1	Site Management	Construction	<ul style="list-style-type: none"> 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. Make the complaints log available to relevant authorities (Council, EPA, etc).
AQ-2	Construction Vehicles and Sustainable Travel	Construction	<ul style="list-style-type: none"> Ensure all vehicles switch off engines when stationary – no idling vehicles. Avoid the use of diesel- or petrol-powered generators and use mains electricity or battery powered equipment where practicable. Impose and signpost a maximum-speed-limit of 25 km/h on surfaced and 15 km/h on unsurfaced haul roads and work areas (if long haul routes are required, these speeds may be increased with suitable additional control measures provided). Produce a Construction Logistics Plan to manage the sustainable delivery of goods and materials. Implement a Travel Plan that supports and encourages sustainable travel (public transport, cycling, walking, and car-sharing).
AQ-3	Measures for General Construction Activities	Construction	<ul style="list-style-type: none"> Ensure an adequate water supply on the Site for effective dust/PM suppression/mitigation, using non-potable water where possible and appropriate. Ensure equipment is readily available on Site to clean any dry spillages and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods. Avoid scabbling (roughening of concrete surfaces) if possible. Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place. Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling during delivery. For smaller supplies of fine power materials ensure bags are sealed after use and stored appropriately to prevent dust.
AQ-4	Measures Specific to Haulage	Construction	<ul style="list-style-type: none"> Use water-assisted dust sweeper(s) on the access and local roads, as necessary. Avoid dry sweeping of large areas. Ensure vehicles entering and leaving the Site are covered to prevent escape of materials during transport. Inspect on-site haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable. Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the Site where reasonably practicable). Access gates to be located at least 10 m from receptors where possible.

AQ-5	General	Operation	<ul style="list-style-type: none">• Adhere to the following best practice management measures:<ul style="list-style-type: none">- Proper management, supervision and training for process operations;- Proper use of equipment;- Effective preventative maintenance on all plant and equipment concerned with the control of emissions to air;- Ensuring that spares and consumables are held on site so that plant breakdowns can be rectified rapidly;- Avoiding unnecessary idling of truck engines on-site;- Ensuring truck maintenance is up to date;- Paving of all operating, storage, unloading and loading areas; and- Sealing roads if dust is considered likely to be an issue.- Plant and equipment operators will be trained to handle material to maximise the discovery of hidden unwanted items while minimising dust. In the processing of sorting the infeed material,- suspicious and oversized objects will be put aside for checking, removal or reassignment.
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