

Stage 2 Environmental Management Strategy

Liddell Future Land Use and
Enabling Works

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Document revision history

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Glossary and Terms

Term	Description
ACHMP	Aboriginal Cultural Heritage Management Plan
ACHAR	Aboriginal Cultural Heritage Assessment Report
ACM	Asbestos Containing Material
AECOM	AECOM Australia Pty Ltd
AGL	AGL Energy Ltd
AGLM	AGL Macquarie
AHIMS	Aboriginal Heritage Information Management System
AS	Australian Standard
ASIR	Aboriginal Site Impact Recording
BPS	Bayswater Power Station
CCC	Community Consultative Committee
CPHR	Conservation Programs, Heritage and Regulation Group
Council	Muswellbrook Council
Consent	SSD 24937520
DA	Development Approval
DEMP	Demolition Environmental Management Plan
Department	Department of Planning, Housing and Infrastructure (DHPI)
Development	Liddell Future Land Use and Enabling Works
DMP	Dust Management Plan
DPE	Department of Planning and Environment (now DPHE)
DPHI	Department of Planning, Housing and Infrastructure
Environmental Assessments	Environmental Impact Statement, Response to Submissions and Amendment Report
EIS	Environmental Impact Statement
EMS	Environmental Management Strategy
EPA	Environment Protection Authority
EP&A Act	Environmental Planning and Assessment Act 1979
EPBC Act	Environment Protection and Biodiversity Conservation Act 1999
EPI	Environmental Planning Instruments
EPL	Environment Protection Licence
ERA	Environmental Risk Assessment
ESCP	Erosion and Sediment Control Plan

Term	Description
GHD	GHD Consultant Australia
GVDA	Ground and Vegetation Disturbance Approval
HAZMAT	Hazardous Materials
HSEMF	Health, Safety and Environment Management Framework
HSEMS	Health, Safety and Environment Management System
HVGT	Hunter Valley Gas Turbine
IEA	Independent Environmental Audit
IMCO	Inter-governmental Maritime Consultative Organisation
LAD	Liddell Ash Dam
LEP	Local Environmental Plans
LGA	Local Government Area
LPS	Liddell Power Station
MyHSE	AGLM incident reporting and management system
NEPM	National Environment Protection Measure
NHVR	National Heavy Vehicle Law and Regulation
NPW Act	National Parks and Wildlife Act 1972
NSW	New South Wales
OSOM	Over Sized Over Mass
PFAS	Per-fluoro Alkyl Substances
PIRMP	Pollution Incident Response Management Plan
PoEO Act	Protection of the Environment Operation Act 1997
RAP	Reconciliation Action Plan
RL	Reduced Level
RtS	Response to Submissions
SEPP	State Environmental Planning Policy
SMF	Synthetic Material Fibre
SoC	Statement of Commitments
SSD	State Significant Development
SW	Surface Water
SWMS	Safe Work Method Statement
TARP	Trigger Action Response Plan
T&I	Transport and Infrastructure
TCP	Traffic Control Plan
TIA	Traffic Impact Assessment

Term	Description
TMP	Traffic Management Plan

1. Introduction

1.1. Background

The Liddell Power Station (LPS) was commissioned in 1971 and prior to closure operated as part of an integrated power generation complex located near Muswellbrook, NSW. Refer to **Figure 1** for site locality.

The complex also incorporates the Bayswater Power Station (BPS) which was commissioned in 1985, Hunter Valley Gas Turbines (HVGTs) and a range of supporting water supply, water management, coal ash management, coal supply, power supply and control system infrastructure. AGL Energy Ltd (AGL) acquired these assets from the NSW Government in September 2014 and in doing so formed the subsidiary AGL Macquarie Pty Limited (AGLM).

LPS, including the HVGTs, ceased power generation operation on 28th April 2023 as part of AGL's transition towards a low-carbon future and commitment to the closure of its coal fired power stations at the end of their operating life.

1.2. Purpose

The Liddell Future Land Use and Enabling Works Project (the development) was declared a State Significant Development (SSD) in accordance with Section 4.36(2) of the Environmental Planning and Assessment Act 1979 (EP&A Act) and clause 2.5; 2.19 and 23(5) of Schedule 1 of State Environmental Planning Policy (Planning Systems) 2021 (Planning Systems SEPP). It is permissible with development consent.

An Environmental Impact Statement (EIS) was prepared and submitted to the Department of Planning, Housing, and Infrastructure (DPHI), which was exhibited 4 May to 31 May 2023. A Response to Submissions (RtS) Report (GHD, 2024a) was prepared 19 February 2024 to address submissions received during exhibition. An Amendment Report (GHD, 2024b) was subsequently submitted 11 June 2024 addressing minor changes to the development including a reduction in the disturbance footprint to reduce biodiversity and cultural heritage impacts. The EIS, RtS and Amendment Report will be collectively referred to in this EMS as the 'environmental assessments'.

The development was approved by DPHI on 31 January 2025, with Development Consent SSD 24937520 (the Consent) issued.

The development is being undertaken in three main stages. AGLM therefore obtained approval from the DPHI on 4 April 2025 to prepare staged management plans in accordance with Consent Conditions A19, A20 and A21.

AGLM developed a Stage 1 Environmental Management Strategy (EMS), which was approved by DPHI in May 2025.

This EMS has been prepared to address the requirements of Schedule 2, Part B Condition B1 of the Consent, and provides the strategic context for AGLM's approach to environmental management of the

development relative to the Stage 2 scope. [This Stage 2 EMS is a standalone document](#), rather than a [revision](#),

[to the Stage 1 EMS.](#)

Figure 1 Site Locality

1.3. Scope

This EMS is the overarching strategy for management of environmental aspects and impacts associated with Stage 2 of the development.

1.4. Objectives

The objectives of this EMS are to:

- Provide the overall framework for environmental management for Stage 2 of the development at the LPS in accordance with international standard *ISO 14001:2015 – Environmental management systems – Requirements with guidance for use* (ISO14001).
- Maintain compliance with:
 - Development Consent SSD 24937520
 - Environment Protection Licence (EPL) 2122
 - Applicable LPS environmental permits and licences
 - Commitments contained in environmental assessments, AGLM policies and procedures, and other relevant legal requirements.

This EMS sets out the procedures for periodic review, auditing and revision so that it is maintained to reflect the current status of the development to the satisfaction of DPHI.

1.5. Supplementary Documentation

The key components of the environmental management framework utilised by AGLM for the development are shown in [Figure 2](#).



Figure 2 AGLM's environmental management document framework

This Stage 2 EMS, and associated management plans required under the Consent or environmental assessments as outlined in [Table 1](#), will be implemented to manage and mitigate the environmental impacts of all stages of the development (as described in [Section 2.1](#)). [The management](#)

plans associated with Stage 2 are standalone documents, rather than a revision, to those prepared for Stage 1.

Table 1 Stage 2 EMS, associated management plans and other requirements, required under the Consent and Statement of Commitments

Related Consent Condition	Management Plan
Part B Condition B1	Stage 2 Environmental Management Strategy (EMS) (this document)
Part B Condition B16	Water Management Plan
Part B Condition B32	Biodiversity Management Plan
Part B Condition B38	Rehabilitation Management Plan
SoC NV1 and NV2	Noise and Vibration Management Plan
SoC TT1	Traffic Management Plan

2. Development description

2.1. Overview

Works associated with the development include the following stages. The areas associated with each stage are depicted in [Figure 2](#).

2.1.1. Stage 1

Stage 1 of the development commenced on 23 July 2025. Stage 1 includes:

- Demolition of LPS and redundant associated infrastructure
- Demolition of the HVGTs and any associated transmission infrastructure
- Construction and use of asbestos disposal facility containment cells, including access road.
- Construction and use of a borrow pit for the extraction of up to 1.5 million m³ including establishment of the access road and associated water management controls.
- Rock crushing associated with Liddell Ash Dam (LAD) capping works
- Rerouting of the existing dual water supply pipeline from the Tinkers Creek area along the existing ash pipeline corridor to the LAD to supply water for dust suppression and rehabilitation works.

2.1.2. Stage 2

Stage 2 of the development includes:

- **Rehabilitation works on the Skimmer Dam:**

The rehabilitation of the Skimmer Dam will include the investigation and management of accumulated sediments, undertaken in accordance with Conditions C1–C13 of the Development Consent. Where required, sediment management may be incorporated into a Remedial Action Plan (RAP) prepared under Condition C8.

To enable these works, a temporary diversion of approximately 240 ha of natural catchment may be required. This diversion will allow the Skimmer Dam to be dewatered via the spillway to Lake Liddell, creating suitable conditions for the controlled removal of sediments and emergent vegetation (e.g. reeds).

Following completion of rehabilitation, the Skimmer Dam will be reinstated to operational status, with its functionality restored in accordance with its original design intent and relevant environmental and engineering standards.

- **Reprofiling of the Liddell Ash Dam (LAD) Liddell Ash Levee (LAL):**

Capping of the LAD commenced in 2015, with final capping, landform and rehabilitation works currently ongoing. Water management within the approved LAD project boundary (DA 1/2011) is governed by the Liddell Power Station Ash Dam Water Management Plan (AGL-HSE-TMP-003.2).

The Stage 2 Works includes the reprofiling the Liddell Ash Levee (LAL) to meet closure design requirements, which specify a stable 1V:4H batter. This regrading will improve long-term slope stability, enhance safety, and facilitate ongoing maintenance.

The drainage and access works addressed in this Stage 2 WMP are limited to areas outside the existing LAD approval boundary, extending from the toe of the levee westwards to the boundary of the current Development Consent area.

Reprofiling will be undertaken progressively using benching techniques to control stormwater runoff during construction. As the regraded slopes will increase the contributing catchment area to adjacent seepage ponds, a suite of erosion and stabilisation measures will be implemented, including:

- Progressive vegetative stabilisation to establish ground cover and reduce surface erosion.
- Application of erosion control mats (e.g. jute or coir blankets) to protect exposed surfaces during vegetation establishment.
- Installation of diversion drains and level spreaders to manage and distribute surface water flow.
- Note: Works within the existing LAD footprint are already approved under DA 1/2011 and are not covered by this Stage 2 WMP.

- **Surface Water and Seepage Management – West of LAD and LAL, and Seepage Ponds 2-5:**

The WMP outlines current operational practices for managing seepage and surface water runoff in the area west of the LAL, including Seepage Ponds 2, 3, 4, and 5. Key surface water and seepage management activities include:

Seepage collection at the toe of the LAL, where permanent pumps are installed at each Seepage Pond to return water to the LAD surface or Decant Pond.

Capture and containment of surface water runoff from the limited western catchment which now primarily discharges to Seepage Ponds 2 through 5 due to mine void modifications that have altered historical drainage patterns.

Implementation of water management principles consistent with the Blue Book requirements, ensuring adequate containment and return of seepage and stormwater runoff.

Investigation and management of sediment, where required, will be conducted in accordance with Conditions C1 to C13 of the consent including the potential for inclusion of sediment management in a Remedial Action Plan required under condition C8.

- **Drainage works to the southwest of the LAL, Seepage Pond 1 (SP1):**

Seepage Pond 1 receives runoff from 105.8 ha of natural catchment. Water retained in Seepage Pond 1 is transferred via pumps to the LAD. The Stage 2 Works include stabilisation of the LAL toe and installation of a liner to prevent water ingress from Seepage Pond 1 to the LAD, ensuring structural integrity and improved containment performance.

The investigation and management of sediment will be undertaken in accordance with Conditions C1 through C13 of the Development Consent, with any required sediment management incorporated into a RAP (Condition C8).

These works will be delivered in accordance with the Development Consent, Environment Protection Licence (EPL 2122), and relevant supporting documents, including the Liddell Power Station Ash Dam Water Management Plan (AGL-HSE-TMP-003.2), where relevant and this Stage 2 EMS for the LPS.

2.1.3. Stage 3

Stage 3 of the development includes:

- Remediation (as required), recontouring and final landform works.

LPS: Following completion of the demolition works the site will be prepared for ongoing industrial use.

Borrow pit area and asbestos disposal facility: The borrow pit area and asbestos disposal facility will be rehabilitated to a safe, stable and non-polluting landform.

- Additional works associated with extraction from the Borrow Pit (up to a total of 13.5 million m³).
- Works associated with the LAD to maintain the structural integrity of the ash retaining structures

The key development elements for Stage 2 are provided in [Table 2](#).

Form

Table 2 Key Development Elements for Stage 2

Development element	Summary of the development	
Footprint of development across all three stages.	Lot 2 DP774681 Lot 11 DP247944 Lot 19 DP247944 Lot 18 DP247944 Lot 19 DP752468 Lot 18 DP752468 Lot 2 DP966589 Lot 2 DP1022827	Lot 163 DP752486 Lot 601 DP1019325 Lot 2 DP1095515 Lot 1 DP1095515 Lot 4 DP1193430 Lot 29 DP247944 Lot 116 DP752486 Lot 162 DP752486
Surrounding land use	<ul style="list-style-type: none"> • North: Agricultural land, remnant vegetation, heavy rail, Lake Liddell • South: Bayswater Power Station • East: Lake Liddell and open cut coal mining (south-east) • West: Open cut and underground coal mining • The New England Highway runs through the development area and will provide access to the various development components by means of a dedicated internal road network designed to service AGLM facilities. • The closest residential receiver is an isolated residence approximately 1.8 km to the north of the borrow pit area. • All development components are located within the catchment of Lake Liddell, located within the Hunter River catchment. 	
Key elements for stage 2	<ul style="list-style-type: none"> • Rehabilitation works on the Skimmer Dam • Drainage and Access Works – Liddell Ash Dam and Levee Reprofiling • Surface Water and Seepage Management – West the of LAL and Seepage Ponds • Drainage, Access, and Liner Works Supporting Reprofiling of the LAL at Seepage Pond 1 	
Access	Access and parking will remain consistent with existing internal arrangements. External access to the site will be via the New England Highway via the existing designated intersection.	
Waste	<ul style="list-style-type: none"> • Stage 2 works will generate a variety of waste streams, including: <ul style="list-style-type: none"> • Concrete • Metals • Liquid waste • Spoil/sediments • AGLM will reuse and recycle as much material as possible for the development. 	

Development element	Summary of the development
Work hours	<p>Development activities will be carried out during the following construction hours:</p> <ul style="list-style-type: none"> • Monday to Friday: 7.00 am to 6.00 pm. • Saturday: 8.00 am to 6.00 pm. • At no time on Sundays or public holidays. <p>Some activities may be required to be done outside of standard hours, including:</p> <ul style="list-style-type: none"> • Emergency work. • Delivery of oversized plant or structures. • Works for which it can be demonstrated that there is a need to operate outside the recommended standard hours.
Expected duration for Stage 2 works	Estimated to be completed in 2030.
Expected duration of whole project	Approximately 10 years, with ongoing borrow pit and asbestos disposal facility associated works and maintenance works for 10+ years after. In addition, some ongoing monitoring and maintenance works are likely to continue following the completion of active works.

Figure 3 Key development elements; Stages 1, 2 and 3

2.2. Site Context

The AGLM landholding is located approximately 15 kilometres (km) southeast of Muswellbrook, 25 km northwest of Singleton, and approximately 165 km northwest of Sydney NSW. The total area of the AGLM landholding is approximately 10,000 ha, including the BPS operation area and LPS area including the LAD, the Ravensworth rehabilitation area, Lake Liddell and surrounding buffer lands.

Surrounding the AGLM landholding is predominantly land uses heavily influenced by industrial activity. The local area is dominated by large-scale infrastructure associated with Bayswater and Liddell power stations and open cut mining activities. Agricultural clearing for the purposes of grazing is also present within and surrounding the AGLM landholding. The majority of the AGLM landholding has been previously disturbed during the construction and operation of Liddell and BPS and historic agricultural activity.

The Stage 2 development is discussed in sub-section 2.2.1 with sensitive receivers outlined in Section 2.2.2.

2.2.1. Liddell Ash Dam

A range of AGLM and third-party infrastructure exists in the area west of the New England Highway. The LAD is situated west of the New England Highway and LPS, directly north of BPS and east of Maxwell Infrastructure (formerly Drayton Coal Mine).

The LAD is currently being capped and rehabilitated. The LAD has been modified several times since its original construction, most notable in the Stage 3 augmentation involving raising the eastern and western walls to an elevation of Reduced Level (RL) 201 m. The eastern wall was constructed progressively using mine overburden material placed on top of the deposited ash. Prior to closure progressive rehabilitation of the LAD has been undertaken in the southern portion of the LAD, totalling approximately 47.9 hectares, and the north-west cell, totalling 23 hectares.

Other infrastructure to the west of the New England Highway includes ash line infrastructure that transported ash from the LPS to the LAD during operations, drainage and water management works around the LAD, dump valve basin, skimmer dam, LAD return water line and an existing asbestos disposal facility.

2.2.2. Sensitive receivers

During the EIS phase, sensitive receivers assessed include both existing and proposed. Sensitive receivers can include:

- Residences
- Educational institutions
- Hospitals and medical facilities
- Places of worship
- Commercial and industrial premises
- Passive recreational areas
- Active recreational facilities.

Within the vicinity of the disturbance area, 32 residential receptors were identified which represent all sensitive receptors within the wider community.

These sensitive receptors are shown in ~~Figure 4~~**Figure 4**. The Stage 2 works are not expected to impact any sensitive receptors.

Environmental monitoring locations are shown in ~~Figure 5~~**Figure 5**. The noise and air quality locations are indicative, and the location may be amended pending the location of works being completed and meteorological forecasts.

Figure 4 Sensitive receiver location

Figure 5 Environmental monitoring locations

3. Strategic Framework

This section provides an overview of the strategic framework of the development in relation to:

- Corporate requirements
- State, regional and local strategic context
- Current statutory requirements at both a Commonwealth and State level.

3.1. Corporate Requirements

All development related management plans, strategies and programs must consider and incorporate the objectives and targets set in the AGL Site Transition Centre of Excellence Health, Safety and Environment Management Framework (HSEMF) where deemed relevant.

3.1.1. Health, Safety and Environment Policy

AGL's corporate Health, Safety and Environment Policy applies to all AGLM employees, contractors, products, services, and joint ventures under AGLM's operational control. The HSEMF aligns with the Policy, and the AGL Enterprise Health Safety Environment Management System (HSEMS).

The purpose of the AGL Enterprise HSEMS is to ensure that works are planned and performed so that the adverse effects on the environment are either avoided or eliminated through engineering controls or are minimized. These works will be carried out in accordance with regulatory requirements throughout the development life cycle.

3.1.2. Contractor Environmental Management Requirements

AGLM may engage a Contractor(s) to assist with development works and will require the Contractor to plan and deliver all works in accordance with this EMS. The Contractor will be required to have a corporate Environmental Management System in place or may operate under the AGL Enterprise HSEMS. If the Contractor chooses to adopt their own Environmental Management System, it must meet or exceed the minimum requirements set out in the HSEMF.

3.2. State, regional and local strategic context

The development is located within the Muswellbrook Government Area (LGA) and is zoned SP2 Infrastructure: Power Station. Under chapter 2, clause 36 of State Environmental Planning Policy (Transport and Infrastructure) 2021 (T&I SEPP) development for the purpose of electricity generating works may be carried out by any person with consent on any land in a prescribed rural, industrial, or special use zone. Land which is zoned SP2 and RU1 are prescribed zones for the purposes of chapter 2, clause 36 of T&I SEPP. Accordingly, the development is permissible with development consent.

3.3. Statutory requirements and approvals

AGLM is responsible for obtaining the approvals in **Table 3**, and the Contractor (where engaged) is responsible for applying for and obtaining all other licences, permits and approvals relevant to each stage of the development prior to beginning works. A copy of all licences, approvals, and permits are to be made available on-site at all times.

Table 3 Approvals and licenses

Legislation	Applicability	Approval or Licence
<i>Environmental Planning and Assessment Act 1979</i> (EP&A Act)	Development consent granted pursuant to Division 4.7 of the EP&A Act	SSD24937520
<i>Environment Protection and Biodiversity Conservation Act 1999</i> (EPBC Act)	Approval of the proposed action under section 133 of the EPBC Act	EPBC 2022/09330
<i>State Environmental Planning Policy (Transport & Infrastructure) 2021</i> (T&I SEPP)	Clause 2.121 of the T&I SEPP provides that developments that are listed in Schedule 3 to the T&I SEPP and are of the 'relevant size or capacity', are defined as 'traffic-generating developments' and are required to be referred to Transport for NSW (TfNSW). Waste or resource management facilities of any size or capacity are listed in Schedule 3, therefore the components of the project that are related to the landfill have been defined as a traffic-generating development under the T&I SEPP and referral to TfNSW was required.	SSD24937520
<i>Protection of the Environment Operations Act 1997</i> (POEO Act)	The POEO Act provides for an integrated system of licensing and contains a core list of activities in Schedule 1 which require an EPL. LPS is operated under EPL 2122. A variation of this licence is required to incorporate any new or discontinued scheduled activities at the site.	EPL2122

3.3.1. Environmental Planning and Assessment Regulation 2000

The EP&A Act and Environmental Planning and Assessment Regulation 2000 (EP&A Regulation) establish the planning and approvals process in NSW. They provide for the making of Environmental Planning Instruments (EPIs) including Local Environmental Plans (LEPs) and SEPPs, which set out requirements for particular localities and/or particular types of development. The applicable EPIs and the EP&A Regulations determine the relevant planning approval pathway and the associated environmental assessment requirements for proposed development activities.

3.3.2. Environmental Planning and Assessment Act 1979

The development has been declared a SSD in accordance with Section 4.36(2) of the EP&A Act and clause 2.5; 2.19 and 23(5) of Schedule 1 of SEPP (Planning Systems) 2021 (Planning Systems SEPP). It is permissible with development consent.

The applicable Consent condition related to the EMS, as well as applicable conditions of the Consent which are not addressed in other management plans, and the Statement of Commitments (SoC) from the environmental assessments, are located in Table 4 and ~~Table 5~~ [Table 5](#) respectively.

Table 4 EMS related Consent Conditions

Condition Reference	Requirement	EMS Reference
Part B Condition B1	<p>Environmental management strategy</p> <p>B1. An environmental management strategy must be prepared for the development. The strategy must:</p> <p>(a) be submitted for approval to the Planning Secretary prior to the commencement of construction;</p>	<p>This document</p> <p>Appendix 1 – DPHI approval for staging of plans</p> <p>Appendix 2 Appendix 1 – DPHI approval for staging of plans</p> <p>Appendix 2</p>
	<p>(b) describe the environmental management context and outline the scope of the strategy, including:</p> <p>(i) the relationship of the strategy to other environmental management documents;</p> <p>(ii) relevant statutory criteria, performance measures or operational requirements including conditions of consent and other legislative or regulatory licences, guidelines, policies or standards;</p> <p>(iii) sensitive receivers;</p> <p>(iv) consideration of the consultation outcomes from the documents listed in condition A2(c) where relevant or other environmental management documents required by this consent; and</p> <p>(v) detailed plans of the development location and development, sensitive receivers and environmental monitoring locations;</p>	<p>Section 3 The management plans associated with Stage 2 are standalone documents, rather than a revision, to those prepared for Stage 1.</p> <p>Table 1</p> <p>Table 1</p> <p>Table 5</p> <p>Section 4</p> <p>Table 8 Table 8</p> <p>Individual management plans</p>

Condition Reference	Requirement	EMS Reference
	(c) list the role and responsibility of all key personnel and contractors involved in the environmental management of the development;	Section 4.1
	(d) include an environmental risk assessment of the development activities and specific risk management controls and mitigations to: <ul style="list-style-type: none"> (i) comply with statutory requirements, limits or performance measures and criteria; and (ii) manage the predicted impacts identified in the documents listed in condition A2 (c); and (iii) manage any other environmental risk or impact <i>Note: Environmental risk assessment cannot be used to identify and assess physical changes to the development or an increase in impacts that are not described and assessed in the approved EIS. These may require a new planning approval and may need to be referred to the Department.</i>	Section 4.2
	(e) include processes to review the environmental risk assessment annually and determine whether the measures implemented to manage the risks are effective.	Section 4.54.4
	(f) include an adaptive management process to be implemented if the review of the risk assessment indicates that any measure that has been implemented is not effective in managing the identified risk(s) and a process to update the measure.	Section 7.5
	h) include processes to report and review environmental performance that: <ul style="list-style-type: none"> (i) provides for an annual review of the environmental risk assessment with consideration of the evaluation findings; (ii) respond to any non-compliance an/or incident; (iii) addresses the findings of any audit undertaken for the development; (iv) provide for adaptive management mechanisms that enable continuous improvement; and (v) keep the local community and relevant agencies informed about the operation and environmental performance of the development. 	Section 4.54.4 Section 7.2 Section 7.3 Section 7.5 Section 4.94.8
	i) include procedures to: <ul style="list-style-type: none"> (i) receive record, handle and respond to complaints; 	Section 7.2

Condition Reference	Requirement	EMS Reference
	(ii) resolve any disputes that may arise during the course of the development; and (iii) respond to emergencies.	
Part B Condition B2	B2. Construction must not commence until the environmental management strategy is approved by the Planning Secretary.	Section 5.2 Appendix 1 – DPHI approval for staging of plans Appendix 2 Appendix 1 – DPHI approval for staging of plans Appendix 2
Part B Condition B3	B3. The environmental management strategy, as approved by the Planning Secretary, must be implemented for the development.	Section 5.3

Table 5 Relevant Consent Conditions not addressed in other management plans

Condition Reference	Requirement	EMS Reference
Part A Condition A5	Limits of consent A5. Development activities may be carried out within the approved development area, until 31 December 2044.	Table 2 Section 5.1
Part A Condition A9	Hours of operation A9. The development may only be undertaken during the hours set out in Table 1.	Section 5.5
Part A Condition A12	Surrender of existing consents and approvals A12. Within 12 months of the date of commencement of development under this consent, or other timeframe agreed by the Planning Secretary, the following Council development consents must be surrendered in accordance with the EP&A Regulation: (a) DA1/2011; (b) DA98/1995; (c) DA90/2015; (d) DA91/2015; and	Noted

Condition Reference	Requirement	EMS Reference
	<p>(e) DA51/86.</p> <p><i>NSW Government 12 Liddell Future Land Use and Enabling Works Department of Planning, Housing and Infrastructure (SSD-24937520)</i></p> <p><i>Note: Condition A12 does not extend to the surrender of construction and occupation certificates for existing and proposed building works under the former Part 4A of the EP&A Act or Part 6 of the EP&A Act as applies from 1 September 2018. The surrender should not be understood as implying that works legally constructed under a valid consent or approval can no longer be legally maintained or used.</i></p>	
Part A Condition A13	<p>Surrender of existing consents and approvals</p> <p>A13. Upon the commencement of development under this consent, and before the surrender of existing development consents or project approvals required under condition A12, the conditions of this consent prevail to the extent of any inconsistency with the conditions of those consents or approvals.</p>	Noted
Part A Condition A16	<p>Evidence of consultation</p> <p>A16. Prior to submitting any environmental management document required by this consent to the Planning Secretary, any consultation with an identified party must be completed. Documentary evidence and a tabulated summary of the consultation must be submitted with the subject document via the Major Projects Website, including:</p> <p>(a) dates of the consultation with the identified party, copies of the identified party's response, and a summary of the issues raised;</p> <p>(b) the outcome of that consultation, including how the issues have been addressed in the subject document; and</p> <p>(c) details of any disagreement remaining between the party consulted and the Applicant, and how the Applicant has addressed the matters not resolved.</p>	<p>Section 4.5</p> <p>Refer to individual management plans.</p>
Part A Condition A19	<p>Staging, combining and updating environmental management documents</p> <p>A19. With the approval of the Planning Secretary, any environmental management document required by this consent may be staged, combined or updated.</p>	<p>Noted – refer to individual management plans and</p> <p>Appendix 1 Appendix 4</p>

Condition Reference	Requirement	EMS Reference
Part B Condition B4	<p>Aboriginal heritage Protection of Aboriginal Objects</p> <p>B4. The Applicant must not directly or indirectly harm the Aboriginal objects AHIMS 37-2-6560 and 37-2-6559, or any Aboriginal objects located outside the approved development area.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.75-6.7</p>
Part B Condition B5	<p>Protection of Aboriginal Objects</p> <p>B5. Prior to carrying out any development that could directly or indirectly harm the Aboriginal objects AHIMS 37-2-6561 and 37-2-6284, the Applicant must salvage the Aboriginal objects via surface collection and relocate the items that would be impacted to a suitable alternative location, in accordance with the Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW, 2010), or its latest version.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.75-6.7</p>
Part B Condition B6	<p>Air quality and Greenhouse Gas</p> <p>B6. All reasonable and feasible avoidance and mitigation measures must be implemented to prevent the generation of dust from the development.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.95-6.9</p>
Part B Condition B7	<p>Air quality and Greenhouse Gas</p> <p>B7. All reasonable and feasible avoidance and mitigation measures must be implemented to minimise greenhouse gas emissions from the development.</p>	<p>▲</p> <p>▲</p>

Condition Reference	Requirement	EMS Reference
		<p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.95-6.9</p>
<p>Part B</p> <p>Condition B8</p>	<p>Noise</p> <p>B8. The operational noise generated by the development must not exceed 40 dB LAeq(15min) during daytime hours at residential receivers R21 and R28 shown on Figure 3 in Appendix 3.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p>Appendix 4 Appendix 4</p>
<p>Part B</p> <p>Condition B9</p>	<p>Noise</p> <p>B9. The noise limit set out in condition B8 apply under the meteorological conditions defined in Table 2.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p>Appendix 4 Appendix 4</p>
<p>Part B</p> <p>Condition B10</p>	<p>Noise</p> <p>B10. For all other meteorological conditions, operational noise from the development during the day period must not exceed the criteria in Condition B8 plus 5 dB. The meteorological conditions are to be determined from meteorological data obtained from the meteorological weather station identified as Bureau of Meteorology AWS at Scone Airport (Station ID: 061363) or another suitable meteorological station consistent with condition B22.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p>

Condition Reference	Requirement	EMS Reference
		Section 4.44.3 Section 5.6.10 Section 5.6.13 Appendix 4
Part B Condition B11	<p>Noise</p> <p>B11. The development may only occur outside of the hours listed in Table 1 if:</p> <p>(a) noise levels are no more than 5 dB LAeq(15min) above the rating background level at any residence and no more than the noise management levels in Table 3 of the Interim Construction Noise Guideline (DECC, 2009) for sensitive receivers other than residences; or</p> <p>(b) works are implemented in accordance with an out-of-hours work protocol detailed in condition B13 and as approved by the Planning Secretary.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p>Appendix 4</p> <p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p>Appendix 4</p>
Part B Condition B12	<p>Noise</p> <p>B12. An out-of-hours work protocol must be submitted to the satisfaction of the Planning Secretary prior to the commencement of any out-of-hours construction work (other than the exceptions listed in conditions B12(a) and B12(b).</p> <p>The protocol must:</p> <p>(a) include noise modelling of proposed activities including consideration of noise enhancing meteorological conditions,</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p>

Condition Reference	Requirement	EMS Reference
	annoying noise characteristics and implementation of reasonable and feasible noise mitigation measures	Section 5.6.10 Appendix 4Appendix 4
	(b) identify a process for the consideration and management of construction which is outside the hours defined in Table 1;	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p>Appendix 4Appendix 4</p>
	(c) be consistent with the requirements of the <i>Interim Construction Noise Guideline</i> (DECC, 2009) (or its latest or final version);	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p>Appendix 4Appendix 4</p>
	(d) justify why the construction needs to be undertaken as out-of-hours construction, including consideration of consultation undertaken as part of the documents listed in condition A2(c);	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p>Appendix 4Appendix 4</p>

Condition Reference	Requirement	EMS Reference
	(e) identify low, medium and high-risk out-of-hours work, proposed mitigation and management measures; and	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p><u>Appendix 4</u>Appendix 4</p>
	(f) include written notification arrangements for affected residences for approved out-of-hours work.	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.10</p> <p><u>Appendix 4</u>Appendix 4</p>
Part B Condition B18	<p>Dangerous Goods</p> <p>B18. The quantities of dangerous goods stored and handled by the development must be below the threshold quantities listed in the Department's <i>Hazardous and Offensive Development Application Guidelines – Applying SEPP 33</i> at all times.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.11</p>
Part B Condition B19	<p>Dangerous Goods</p> <p>B19. Dangerous goods must be stored and handled strictly in accordance with:</p> <p>(a) All relevant Australian Standards;</p>	<p>▲</p> <p>▲</p>

Condition Reference	Requirement	EMS Reference
		Table 6 Table 6 Section 4.44.3 Section 5.6.11
Part B Condition B19	<p>(b) For liquids, the NSW EPA Storing and Handling of Liquids; Environmental Protection Participants Manual.</p> <p>In the event of inconsistency between the requirements of condition B19(a) and B19(b), the most stringent requirement must prevail to the extent of the inconsistency.</p>	▲ ▲ Table 6 Table 6 Section 4.44.3 Section 5.6.11
Part B Condition B20	<p>Transport</p> <p>B20. All heavy vehicle travel and transport used by the development must be undertaken in accordance with a Driver's Code of Conduct, prepared in consideration of registered industry codes of practice published by the National Heavy Vehicle Regulator.</p>	▲ ▲ Table 6 Table 6 Section 4.44.3 Section 5.6.12 Appendix 5 Appendix 5
Part B Condition B21	<p>Transport</p> <p>B21. All mine overburden material excavated from the Borrow Pit must be transported using private haul roads.</p>	▲ ▲ Table 6 Table 6 Section 4.44.3 Section 5.6.12

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Condition Reference	Requirement	EMS Reference
		Appendix 5 Appendix 5
Part B Condition B22	<p>Meteorological monitoring</p> <p>B22. Prior to the commencement of development activities and for the life of the development, a suitable meteorological station must operate in the vicinity of the development that:</p> <p>(a) complies with the requirements in the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (DEC, 2007);</p> <p>(b) is capable of measuring meteorological conditions in accordance with the NSW Industrial Noise Policy (EPA, 2000) or NSW Noise Policy for Industry (EPA, 2017); and</p> <p>(c) unless a suitable alternative is approved by the Planning Secretary following consultation with the EPA.</p>	<p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.13</p> <p>Appendix 4 Appendix 4</p> <p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.13</p> <p>Appendix 4 Appendix 4</p> <p>▲</p> <p>▲</p> <p>Table 6</p> <p>Table 6</p> <p>Section 4.44.3</p> <p>Section 5.6.13</p>

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Condition Reference	Requirement	EMS Reference
		Appendix 4 Appendix 4
Part B Condition B23	Waste B23. All waste generated by the development must be classified in accordance with the Waste Classification Guidelines (EPA, 2014) and disposed of at appropriately licensed waster facilities unless subject to condition B28;	▲ ▲ Table 6 Table 6 Section 4.44.3 Section 5.6.14
Part B Condition B24	Waste B24. No waste from outside of the approved development area must be received, stored, treated, processed, re-processed or disposed of within the approved development area except as expressly permitted by an applicable EPL, specific resource recovery order or exemption under the Protection of the Environment Operations (Waste) Regulation 2014.	▲ ▲ Table 6 Table 6 Section 4.44.3 Section 5.6.14
Part B Condition 25	Waste B25. Waste generated by the development must be secured and maintained within designated waste processing or storage areas at all times prior to disposal, re-use or recycling.	▲ ▲ Table 6 Table 6 Section 4.44.3 Section 5.6.14
Part B Condition B26	Waste B26. Any concrete confirmed to be impacted with PCB above acceptable levels determined by the Site auditor must be disposed of at a licensed waste facility.	▲ ▲

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Condition Reference	Requirement	EMS Reference
		Table 6 Table 6 Section 4.44.3 Section 5.6.14
Part B Condition B27	Waste B27. Asbestos waste, asbestos containing materials and synthetic mineral fibre must be disposed of at the asbestos disposal facility constructed within the Borrow Pit Area identified on Figure 1 in Appendix 1	▲ ▲ Table 6 Table 6 Section 4.44.3 Section 5.6.14
Part C Condition C1	Site audit process C1. A multi-stage site audit must be undertaken for the development. The audit must: <ul style="list-style-type: none"> (a) be undertaken by a Site auditor; (b) be undertaken in accordance with the Contaminated Land Guidelines; (c) include the provision of interim audit advice by the Site auditor in relation to (as applicable): <ul style="list-style-type: none"> (i) sampling analysis and quality plans; (ii) detailed site investigation reports; (iii) human health and ecological risk assessment reports; (iv) remediation action plan; (v) site validation reports; and (vi) long-term environmental management plans; (d) conclude with the Site auditor issuing either a Section A1 or Section A2 audit statement for the development. 	Section 5.6.25-6.2 Section 5.6.65-6.6
Part C Condition C2	Sampling analysis and quality planning C2. Sampling analysis and quality plans must be prepared for all further contamination investigations proposed within the approved development area. The plans must: <ul style="list-style-type: none"> (a) be prepared, or reviewed and approved, by consultants certified under either the CEnvP(SC) or the CPSS CSAM scheme; (b) be prepared: <ul style="list-style-type: none"> (i) in accordance with the Contaminated Land Guidelines; 	Section 5.6.2 Section 5.6.6

Condition Reference	Requirement	EMS Reference
	<ul style="list-style-type: none"> (ii) before sampling for contamination investigations is conducted; (c) address additional investigations identified by the Stage 2 detailed site investigation, for the proposed Stage 3 investigations and any unexpected finds; (d) be accompanied by interim audit advice from the Site auditor; and (e) be provided to the Planning Secretary and the NSW EPA for information prior to the commencement of the detailed site investigation/s required under condition C4. 	
Part C Condition C3	A sampling analysis and quality plan must be prepared for the PCB contaminated material for the testing and reuse of concrete and/or any other recycled/re-used material during the development. The plan must: <ul style="list-style-type: none"> (a) be prepared, or reviewed and approved, by consultants certified under either the CEnvP(SC) or the CPSS CSAM scheme; (b) be prepared: <ul style="list-style-type: none"> (i) in accordance with the Contaminated Land Guidelines; and (ii) prior to the re-use, recycling or burying of PCB contaminated materials within the approved development area; (c) be accompanied by interim audit advice from the Site auditor. 	Section 5.6.2 Section 5.6.6
Part C Condition C4	<p>Detailed site investigations</p> <p>C4. A detailed site investigation must be undertaken for the development. The investigation report must:</p> <ul style="list-style-type: none"> (a) be prepared, or reviewed and approved, by consultants certified under either the CEnvP(SC) or CPSS CSAM scheme; (b) be prepared in accordance with the relevant Contaminated Land Guidelines; (c) be accompanied by interim audit advice from the Site auditor confirming the investigation report is satisfactory; (d) include, but not limited to, the following: <ul style="list-style-type: none"> (i) all works outlined by Stage 3 detailed investigation scope included in the EIS; (ii) a discussion on the characterisation of groundwater across the development and the ongoing groundwater monitoring of PFAS required under the existing PFAS Management Plan for the Liddell Power Station; 	Section 5.6.2 Section 5.6.6

Condition Reference	Requirement	EMS Reference
	<ul style="list-style-type: none"> (iii) assessment of the background concentrations of metals and other contaminants so that the contamination associated with the former Liddell Power Station (including but not limited to the ash dam) can be distinguished from other sources and addressed in the remediation works; (iv) assessment of the extent of PFAS in soils and groundwater in Key Areas 1 and 3 as mapped by Figure 2 in Appendix 1, noting that high concentrations have been detected in onsite groundwater so that the feasibility and benefits of PFAS treatments can be addressed in the remedial action plan/s; (v) assessment of off-site migration of contaminants in accordance with the Guidelines for the NSW Site Auditor Scheme; (vi) (an updated conceptual site model and a discussion on contamination migration offsite and impacts to both onsite and offsite receptors; and (vii) any other matter raised by the Site auditor; <p>(e) include the EPL premises on all relevant plans; and (f) be provided to the Planning Secretary and NSW EPA for information.</p> <p>Note: The detailed site investigation is required to assess areas that were inaccessible prior to the determination of the application.</p>	
Part C Condition C5	The detailed site investigation must commence within 12 months after the completion of demolition provided that the Site auditor has issued interim audit advice for the preceding sampling analysis and quality plan and be completed within 18 months of the completion of demolition, unless otherwise agreed by the Planning Secretary.	Section 5.6.2 Section 5.6.6
Part C Condition C6	<p>If required by the Site auditor, a human health and ecological risk assessment must be prepared for the development. The assessment must:</p> <ul style="list-style-type: none"> (a) be prepared, or reviewed and approved, by consultants certified under either the CEnvP(SC) or CPSS CSAM scheme; (b) be prepared in accordance with the Contaminated Land Guidelines; (c) be accompanied by interim audit advice from the Site auditor confirming the assessment is satisfactory; 	Section 5.6.2 Section 5.6.6

Condition Reference	Requirement	EMS Reference
	<ul style="list-style-type: none"> (d) address the contamination assessment findings detailed in the EIS; (e) assess the onsite and offsite environmental and human health risks associated with chemical contamination; (f) detail any mitigations required to manage the identified risks; (g) include a strategy detailing the actions to be taken based on the findings of the assessment; and (h) be provided to the Planning Secretary and NSW EPA for information. <p>Note: The human health and ecological risk assessment is required consider areas that were inaccessible prior to the determination of the application.</p>	
Part C Condition C7	The human health and ecological risk assessment must be completed following the completion of demolition and prior to the site validation report required by condition C10, unless otherwise agreed by the Planning Secretary.	Section 5.6.2 Section 5.6.6
Part C Condition C10	<p>Site Validation Report</p> <p>C10. A site validation report detailing the outcome of any remediation must be prepared at the completion of remediation works undertaken in accordance with a remedial action plan and prior to the issue of a Section A1 or A2 site audit statement. The report must:</p> <ul style="list-style-type: none"> (a) be prepared, or reviewed and approved, by consultants certified under either CEnvP(SC) or CPSS CSAM scheme; (b) be prepared in accordance with the Contaminated Land Guidelines; (c) be accompanied by interim audit advice from the Site auditor confirming the report is satisfactory; (d) include the validation of the former UST pits in Key Area 3 and the former UST in Key Area 5; and (e) be provided to the Planning Secretary and NSW EPA for information. 	Section 5.6.2 Section 5.6.6
Part C Condition C13	<p>Site audit statements</p> <p>C13. A Section A1 or Section A2 Site Audit Statement (accompanied by an Environmental Management Plan) and its accompanying Site Audit Report must be obtained for the development. The site audit statement(s) must:</p> <ul style="list-style-type: none"> (a) certify that the site is suitable for an intended land use; and (b) be submitted to the Planning Secretary within 12 months of completing remediation and no later than one month prior to any post-remediation land use within the approved development area subject to the site audit statement. 	Section 5.6.2 Section 5.6.6

Condition Reference	Requirement	EMS Reference
	<p>Note: Contaminated land must not be used for the purpose approved under the terms of this SSD until a Section A1 or Section A2 Site Audit Statement is obtained which states that the land is suitable for that purpose</p>	
<p>Part D Condition D1</p>	<p>Auditing D1. Independent Environmental Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020) or its latest version published on the Department’s website.</p>	<p>Section 7.3</p>
<p>Part D Condition D2</p>	<p>Compliance reporting D2. By the end of March each year, after the date of commencement of development under this consent, or other timeframe agreed by the Planning Secretary, the Applicant must submit a Compliance Report to the Planning Secretary reviewing the environmental performance of the development.</p>	<p>Section 6.2</p>
<p>Part D Condition D3</p>	<p>Compliance reporting D3. Compliance Reports must be prepared in accordance with the Compliance Reporting Post Approval Requirements (Department, 2020) or its latest version published on the Department's website and must also:</p> <ul style="list-style-type: none"> (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. 	<p>Section 6.2</p>
<p>Part D Condition D4</p>	<p>Non-compliance notification D4. Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must:</p> <ul style="list-style-type: none"> (a) be in writing; (b) submitted via the NSW planning portal (Major Projects); (c) identify the development (including the development application number and name); (d) set out the condition of this consent that the development is non-compliant with; (e) why it does not comply; (f) the reasons for the non-compliance (if known); and (g) what actions have been undertaken, or will be undertaken; and when, to address the non-compliance. 	<p>Section 7.1</p>

Condition Reference	Requirement	EMS Reference
	<p>Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.</p>	
<p>Part D Condition D5</p>	<p>Incident notification D5. The Applicant must notify the Department within 24 hours of becoming aware of an incident. The notification must be made via the NSW planning portal (Major Projects) and address details of the incident including: (</p> <ul style="list-style-type: none"> (a) date, time and location; (b) a brief description of what occurred and why it has been classified as an incident; (c) a description of what immediate steps were taken in relation to the incident; and NSW Government 34 Liddell Future Land Use and Enabling Works Department of Planning, Housing and Infrastructure (SSD-24937520) (d) identifying a contact person for further communication regarding the incident. 	<p>Section 7.1</p>
<p>Part D Condition D6</p>	<p>Incident notification D6. The Applicant must provide the Department with a subsequent incident report in accordance with Appendix 5 (Incident Notification and Reporting Requirements).</p>	<p>Section 7.1</p>
<p>Part D Condition D7</p>	<p>Revision of environmental management documents D7. Within three months of the following events: (a) the submission of an incident report under conditions D5 or D6;</p> <ul style="list-style-type: none"> (a) the submission of a compliance report under condition D3; (b) the submission of an Independent Environmental Audit under condition D1; (c) the approval of any modification of the conditions of this consent (unless the conditions require otherwise) or (d) notification of a change in the development phase under condition A10; <p>The suitability of the existing environmental management documents required under this consent must be reviewed. If the review concludes an update to an environmental management document is required, or to comply with a directive, the relevant environmental management document must be revised and submitted to the Planning Secretary for approval within three months of the review.</p> <p>Note: This is to ensure environmental management documents are updated regularly and to incorporate any recommended</p>	<p>Section 7.10</p>

Condition Reference	Requirement	EMS Reference
	measures to improve the environmental performance of the development.	
Part D Condition D8	<p>Access to information</p> <p>D8. Within 12 months of the commencement of development under this consent until the completion of all rehabilitation required under this consent, the following information and documents must be publicly available on the development website as they are obtained, approved or as otherwise stipulated within the conditions of this consent:</p> <ul style="list-style-type: none"> (a) the documents listed in condition A2(c) of this consent; (b) all current statutory approvals for the development; (c) all approved environmental management documents required under the conditions of this consent; (d) the proposed staging plans for the development if the construction, operation or decommissioning of the development is to be staged; (e) regular reporting on the environmental performance of the development in accordance with the reporting requirements in any environmental management documents approved under the conditions of this consent; (f) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved environmental management documents; (g) a summary of the current phase and progress of the development; (h) (h) contact details to enquire about the development or to make a complaint; (i) a complaints register, updated monthly; (j) the Compliance Reporting of the development in accordance with the Compliance Reporting Post Approval Requirements (May 2020); (k) audit reports prepared as part of any Independent Environmental Audit of the development and the Applicant's response to the recommendations in any audit report; (m) any other matter required by the Planning Secretary; and (n) kept such information up to date. 	Section 7.7

Table 6 Environmental Assessment Statement of Commitments

SoC Reference	Requirement	EMS Reference
Soil and Contamination		
SC10	An unexpected finds protocol will be prepared and included in the PEMS for the project. The contamination management plan will detail the requirements for management of potentially contaminated materials demolition activities. Management of any waste material to be disposed of offsite will be managed in accordance with a separate waste management plan.	Section 5.6.25-6.2 Section 5.75.7
Aboriginal Heritage		
AH1	An Aboriginal Cultural Heritage Management Plan (ACHMP) will be prepared prior to work commencing. The ACHMP will detail the location of the existing sites, formal management of avoid impacts to these sites and an Unexpected Finds Procedure. The Unexpected Finds Protocol will be site specific and prepared in consultation with RAPs. A template for the Unexpected Finds Protocol is provided in Appendix D of the ACHAR.	Section 5.6.7
AH2	The individual or persons responsible for the management of onsite works will ensure that all site personnel are made aware of the statutory legislation under the NPW Act regarding protection of sites and places of significance.	Section 5.6.7
AH3	Should any Aboriginal objects be uncovered during works, activities should halt in that location and the Environmental Line contacted on 131 555 to report the discovery.	Section 5.6.7
Non-Aboriginal Heritage		
HH1	In the unlikely event that unexpected historical (non Aboriginal) archaeological remains are discovered during works they will be managed with reference to the standard protocols and procedures of Section 146 of the Heritage Act 1977. An unexpected archaeological finds procedure should be included in relevant project documentation such as the Construction/Demolition Environmental Management Plan.	Section 5.6.8
HH2	Undertake archival recording of: – The fence posts west of the skimmer dam will be recorded. – The structures and associated demolition. To be recorded in full extent including photographs and documentary recording.	Section 5.6.8
Rehabilitation		
RH1	AGLM will prepare a Rehabilitation Management Plan for relevant areas of the site to detail the Rehabilitation objectives, methods	Section 5.6.45-6.4

SoC Reference	Requirement	EMS Reference
	to be implemented, indicative schedule, adaptive management measures and quality assurance measures, monitoring program and completion criteria.	
Air Quality		
AQ1	<p>Prior to demolition commencing, a Dust Management Plan (DMP) will be prepared which would include details of:</p> <ul style="list-style-type: none"> - Frequency of onsite and offsite inspections to monitor compliance with the air quality management strategy. - The name and contact details of the person(s) accountable for air quality and dust issues. - Procedure for receipt of complaints. - Regular pre-wetting and watering requirements. - When to adjust works (including site inspections and watering) due to increased emission risk (e.g. during dry windy conditions). - Designated vehicle entries and exits, haulage routes and parking areas. - Other vehicle requirements including minimising idling of vehicles on site and covering loads on trucks transporting materials. - Maintenance and cleaning of equipment used on site. - Stabilisation of stockpiles when not in use and completed areas. - Removal of accumulation of dust before commencing work. - Trigger Action Response Plan. - Monitoring Program. 	Section 5.6.9
Noise and Vibration		
NV1	<p>Notification should be a minimum of 7 calendar days prior to the start of works and should include information such as total building time, what works are expected to be noisy, their duration, what is being done to minimise noise and when respite periods will occur.</p> <p>As it is proposed that works will be undertaken outside of standard hours on Saturday, it is recommended to inform the closest residents and other sensitive land use occupants within 14 days of commencement of any out of hours works.</p> <p>Provide information to neighbours before and during construction (Particularly for blast activities) through media such as letterbox drops, meetings or individual contact. A website will also be established for the project to provide information.</p> <p>Ensure site managers periodically check the site and nearby residences and other sensitive land uses for noise problems so that solutions can be quickly applied. Maintain good communication between the community and project staff.</p>	Section 5.6.10 Appendix 4 Appendix 4

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SoC Reference	Requirement	EMS Reference
	<p>Consider a regular newsletter with site news, significant project events and timing of different activities.</p> <p>Facilitate contact with people to ensure that everyone can see that the site manager understands potential issues, that a planned approach is in place and that there is an ongoing commitment to minimise noise.</p>	
NV2	<p>A PEMS should be prepared post approval, after the contractor has been engaged and prepared its construction methodology.</p> <p>The PEMS should include a review of the construction noise predictions during the environmental impact assessment phase based on the construction contractor’s methodology and revise it accordingly to include a detailed examination of feasible and reasonable work practices and noise mitigation measures to manage sensitive receptors that are predicted to be ‘noise affected’. PEMS should also include:</p> <ul style="list-style-type: none"> - Details of the construction methodology - Feasible and reasonable mitigation measures to be implemented - Updated noise predictions at sensitive receptors if required - A noise monitoring procedure for the duration of works - A community consultation plan to liaise with the noise affected receptors The PEMS must be updated as necessary to account for changes in noise and vibration management issues and strategies. <p>Provide a readily accessible contact point, e.g. through a 24 hour toll-free information and complaints line.</p> <p>Document and maintain a complaints register detailing the following:</p> <ul style="list-style-type: none"> - Date and time - Complainants details - Person receiving complaint and person referred to - Description of complaint <p>Provide quick response to complaints, with complaint handling staff having both a good knowledge of the works and ready to access information.</p> <p>All employees, contractors and subcontractors are to receive an induction. The induction must at least include:</p> <ul style="list-style-type: none"> - All project specific environmental mitigation measures - Relevant licence and approval conditions - Permissible hours of work – Any limitations on high noise generating activities – Location of nearest sensitive receptors - Construction employee parking areas 	<p>Section 5.6.10</p> <p>Appendix 4Appendix 4</p>

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SoC Reference	Requirement	EMS Reference
	<ul style="list-style-type: none"> - Designated loading/unloading areas and procedures - Site opening/closing times (including deliveries) - Environmental incident procedures <p>An out of hours works procedure should be developed as part of the PEMS for the project, if these works are required. This should include a detailed construction noise and vibration assessment for the potential construction activities proposed to occur out of hours.</p> <p>An out of hours works application form for any works outside of the approved working hours for the project will be required. A description of the works, justification and management measures will also be included as part of the application. It is expected that strong justification and negotiation with the community will be required if these works are to be undertaken during any out of hours periods.</p> <p>Non-tonal reversing beepers (or an equivalent mechanism) must be fitted and used on all construction vehicles and mobile plant regularly used on site and for any out of hours work. Consider the use of ambient sensitive alarms that adjust output relative to the ambient noise level.</p> <p>Use quieter and less vibration emitting construction methods where feasible and reasonable.</p> <p>Regularly inspect and maintain equipment to ensure it is in good working order. Also check the condition of mufflers.</p> <p>Equipment must not be operated until it is maintained or repaired, where maintenance or repair will address the character of noise identified.</p> <p>Compliance monitoring should be undertaken to investigate complaints.</p>	
Traffic		
TT1	<p>A Traffic Management Plan (TMP) will be prepared for the project prior to construction commencing. The TMP will address traffic movements associated with the decommission phase of the project, in particular the impact of OSOM vehicles required for the project. The TMP and associated Traffic Control Plans (TCPs) will be prepared by suitably qualified persons and in accordance with the TfNSW Traffic Control at Work Sites Manual. The TMP will consider impacts related to the height of the Liddell overpass bridge as strike risks may be a safety issue for heavy vehicle operators which could also compromise structural integrity. Where road safety concerns are identified at a specific location along the proposed haulage routes, the TIA will be supported by a targeted Road Safety Audit undertaken by suitably qualified persons in accordance with the Austroads Guidelines.</p>	<p>Section 5.6.125.6.12 Appendix 5 Appendix 5</p>

SoC Reference	Requirement	EMS Reference
TT2	All loading and unloading of materials will be limited to specific loading areas within the site. No loading or unloading will occur on public roads. Loading vehicles are generally expected to only use internal road network.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT3	Any public roads deemed to have been damaged by the project will be repaired to an acceptable standard, with all costs borne by AGLM or their appointed contractor.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT4	Truck deliveries to and from the site will be scheduled outside peak hours where possible.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT5	To increase awareness of the increased truck volumes and the presence of OSOM vehicles, truck warning signage will be installed where required to notify other road users. Traffic management, warning, and regulatory signs will be installed where appropriate.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT6	Throughout the project, AGLM will ensure the internal access road providing access to the LPS, the ash dam and the borrow pit area is maintained.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT7	All parking will occur within the site boundaries, in dedicated parking areas. All staff and drivers will be instructed not to park on public roads.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT8	All staff and contractors will be informed that animals often cross the New England Highway and to take necessary precautions when driving.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT9	Traffic controllers should be present where OSOM are required to make right-turning movements along the haulage route to the project site.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT10	The OSOM vehicle contractor is expected to undertake a pre-route assessment of the proposed routes, to assess the route for any obstructions which they deem necessary to be removed.	Section 5.6.125.6.12 Appendix 5Appendix 5
TT11	A permit from the NHVR will be required prior to the undertaking of any OSOM haulage trips. All trips will need to be undertaken in accordance with the permit conditions.	Section 5.6.125.6.12 Appendix 5Appendix 5
Landscape and Visual		

SoC Reference	Requirement	EMS Reference
LC1	Existing large trees and vegetation will be maintained and protected wherever possible.	Section 5.6.35-6.3
LC2	Revegetation will be undertaken in accordance with the Rehabilitation Management Plan.	Section 5.6.45-6.4
LC5	Any lighting during night time activities will be of short duration, will not be directed or spill into any adjoining landholding or dwelling and will be provided in accordance with AS 4282 – Control of the obtrusive effects of outdoor lighting. Projects post this one will be subject to their own assessment and mitigation measures.	Section 5.6.35-6.3
Merge and Economic		
SE1	A Community and Stakeholder Engagement Strategy will be developed. The strategy will provide a method for: <ul style="list-style-type: none"> – Maintaining ongoing, regular and transparent communication with key stakeholders and the community – Managing project perceptions – Provide updates on ongoing industrial uses and other beneficial uses to be located at the LPS 	Section 5.6.15
SE2	A communication management plan will be developed in accordance with the Community and Stakeholder Engagement Strategy and implemented to define the specific requirements for engagement during delivery of the project with the following objectives: <ul style="list-style-type: none"> – To ensure that residents and stakeholders are notified in a timely manner about works activities and potential for impacts – Ensure accurate information is accessible, and enquiries and complaints are managed in a timely manner – To define the requirements for the complaints management system to be implemented 	Section 5.6.15
SE3	Aligned with AGL's Reconciliation Action Plan (AGL, 2021) AGL has committed to prioritising opportunities for Aboriginal workers and procurement in its projects. This includes local and Aboriginal participation commitment in its tender documents which outline the sub-contracting, employment, training, Aboriginal and community contributions that contractors will need to deliver. Continuing engagement of local Aboriginal organisations through the Community Dialogue Group, this has been a successful approach in updating group members about the future of LPS.	Section 5.6.15
SE4	AGLM will continue to explore opportunities to deliver local community benefits, including exploring opportunities to memorialise the LPS through interpretation opportunities and photographic documentation of the LPS closure process. These	Section 5.6.155-6.15

SoC Reference	Requirement	EMS Reference
	opportunities will support local community values, identity, and pride.	
Waste Management		
WM1	A waste management plan for the project will be prepared prior to works commencing. The waste management plan will detail: – Statutory requirements for waste in NSW – Systems to sort and track the actual types and quantities of waste generated – Measures for waste segregation and minimising cross contamination of waste streams including the use of coded bins – Options for offsite reuse, reprocessing, recycling and energy recovery	Section 5.6.145.6.14
WM2	Awareness of waste minimisation practices will be included in the project induction.	Section 5.6.145.6.14
WM3	Waste will be classified, managed and disposed of in accordance with the Waste Classification Guidelines (EPA, 2014).	Section 5.6.145.6.14
WM4	Waste streams will continue to be managed in accordance with EPL 2122.	Section 5.6.145.6.14
WM5	Recycling and resource recovery activities will continue to be managed by a licenced service provider.	Section 5.6.145.6.14
Greenhouse Gas		
GG1	Sustainable procurement practices will be adopted where feasible.	Section 5.6.9
GG2	The project will maximise the reuse of materials won onsite for the backfilling of voids and ground levelling. Any raw materials required would be sourced locally where possible	Section 5.6.9
GG3	Investigate the use of biodiesel for trucks and equipment, where suitable	Section 5.6.9
GG4	All plant and equipment used during the project shall be regularly maintained to reduce emissions and comply with the relevant exhaust emissions guidelines	Section 5.6.9
GG5	Plant and equipment will be switched off when not in constant use and not left idling	Section 5.6.9
GG6	The project will be planned to ensure minimal movement of plant and equipment where practical.	Section 5.6.9
GG7	Maximise the beneficial reuse of the carbon removed in vegetation, such as mulching and composting, will be included in management plans, where feasible	Section 5.6.9

SoC Reference	Requirement	EMS Reference
GG8	Maximise the reuse/recycling of demolition waste materials will be investigated and included in demolition management plans, where feasible.	Section 5.6.9
Hazard and Risk		
HR8	<p>The existing Bushfire Management Plan will be reviewed for adequacy and amended if required to ensure it includes measures to manage onsite fire risks associated with:</p> <ul style="list-style-type: none"> - Hot works resulting in ignition of surrounding vegetation. - Equipment or vehicles being used in long grass. - Construction workers smoking or rubbish left at the site. - Storage of combustible materials and liquids on site. <p>- The Bushfire Management Plan will also include measures to manage the potential risk that fire originating offsite pose to the projects.</p>	Section 5.6.6
Cumulative		
CI1	The PEMS will include a process to review and update management measures if any other development commences in proximity to the project.	Section 7.4

3.3.3. Protection of the Environment Operations Act 1997

The principal legislation regulating pollution and waste management in NSW is the *Protection of the Environment Operations Act 1997* (POEO Act). All scheduled activities as listed in Schedule 1 of the POEO Act require an Environment Protection Licence (EPL).

LPS is operated under EPL 2122 which is held by AGLM and issued by the Environment Protection Authority (EPA) under the POEO Act. The existing EPL 2122 will be maintained for the duration of the development and will be amended as required to reflect the different stages of the project.

4. Planning

The success of the EMS requires detailed understanding of the regulatory requirements, corporate obligations and community expectations, and requires planning to identify measures that will achieve the EMS objectives.

4.1. Roles and responsibilities

The following sections outline the overarching management arrangements for Stage 2 works , including roles and responsibilities, reporting, records, training, incident management and complaints.

4.1.1. AGLM roles and responsibilities

The responsibilities of key AGLM roles involved in the development are outlined in [Table 7](#).

Table 7 Roles and responsibilities of key AGLM personnel

Role	Responsibility
General Manager - Transition	<ul style="list-style-type: none"> – Managerial authority and responsibility for all environmental matters within LPS rehabilitation works. – Management of Liddell Transition Team – Regular review of environmental management programs including the establishment of environmental objectives and targets. – Monitoring and improving environmental performance. – Timely renewal of operating licences. – Compliance with all licence conditions and regulatory reporting requirements – Manage maintenance of plant and equipment
Site Manager Liddell Transition	<ul style="list-style-type: none"> – Provide adequate resources for the implementation of this EMS – Ensure all appropriate approvals have been obtained – Ensuring that all staff and contractors under their control are aware of environmental compliance issues and environmental controls listed in the EMS – Oversee project implementation – Order stop-work for any activity that may cause environmental harm – Management of site based Liddell Transition Team – Manage rehabilitation works – Manage maintenance of plant and equipment
Manager Environment and Approvals – Liddell Transition	<ul style="list-style-type: none"> – Manage environmental approvals process – Ensure this EMS is established, implemented, and maintained – Report to the Site Manager – Liddell Transition on the performance of the EMS and recommendations for improvement. – Provide advice and assistance on environmental matters – Identify key environmental risks and opportunities to ensure high environmental performance

Role	Responsibility
	<ul style="list-style-type: none"> – Attendance at on-site meetings to ensure environment related issues are raised for review – Monitoring the effectiveness of environmental management measures – Ensure the Environmental Management System achieves its intended outcomes – Planning for and responding to emerging environmental trends. – Initiating the external independent environmental audit program. – Liaising with Management in the setting of environmental objectives and targets, defining the context of the organisation and maintaining the interested parties register and all associated actions for the project. – Communicating environmental performance. – Manage, investigate and report on major environmental incidents.
<p>Manager Health and Safety Site Transition</p>	<ul style="list-style-type: none"> – Manage and advise on training needs – Assisting in the management and investigation of major environmental incidents. – Assist in developing Safe Work Method Statements (SWMS) for all tasks and ensuring the required environmental measures are included and the work is monitored throughout – Complete environmental inductions and required training
<p>Stage 2 Liddell Ash Dam Project Manager</p>	<ul style="list-style-type: none"> – Comply with EMS, including all relevant procedures, sub-plans, processes, operating standards. – Assisting in the management and investigation, and reporting of all environmental incidents. – Ensure effective internal and external communication programs are in place – Engage competent and licensed contractors, as required by legislation, to undertake works – Ensure resources are available to support the Environmental Management System – Ensure employees are equipped with sufficient skills to comply with the EMS throughout the delivery of the project – Lead by example to promote environmentally sound practices – Compliance with all environmental and regulatory requirements and other reporting requirements. – Promote continual improvement and provide support as required – Input into regular reviews of HSEMS elements including the establishment and review of environmental objectives and targets. – Monitoring and improving environmental performance at a project level.
<p>Stage 2 Liddell Ash Dam Superintendent</p>	<ul style="list-style-type: none"> – Comply with EMS, including all relevant procedures, sub-plans, processes, operating standards. – Implement the EMS – Assisting in the management and investigation, and reporting of major environmental incidents.

Role	Responsibility
	<ul style="list-style-type: none"> – Appropriately communicate internal and external communication programs – Organisation of on-site personnel with regard to their responsibilities within the HSEMS – Promote continual improvement and provide support as required – Responsible for resourcing employee activities and ensuring plant is operated and maintained in a manner that minimises risk to the environment – Ensure all staff have adequate training and experience to manage the risks associated with their roles – Assist in developing Safe Work Method Statements (SWMS) for all tasks and ensuring the required environmental measures are included and the work is monitored throughout – Ensure site inductions are conducted for all workers and contractors – Undertake environmental related duties as directed by the Project Manager. – Lead by example to promote environmentally sound practices
AGL Corporate Affairs	<ul style="list-style-type: none"> – Co-ordinate, in the context of standing emergency plans and procedures, a public relations/communication strategy to deal with environmental incidents – Communicate with the public and/or Interested Parties on environmental issues and initiatives.
Liddell Transition Environment Team	<ul style="list-style-type: none"> – Assist the Manager Environment and Approvals in carrying out their environmental management responsibilities, by <ul style="list-style-type: none"> • Provide necessary technical input for environmental decision making • Co-ordinate environmental compliance. • Assist in developing environmental objectives and targets and environmental management programs. • Liaise with and provide information to the Independent Environmental Auditor
AGLM personnel working on the Development	<p>AGLM personnel working on the development have a role in achieving a standard of environmental performance consistent with the documentation referenced in this EMS, including:</p> <ul style="list-style-type: none"> – Comply with EMS, including all relevant procedures, sub-plans, processes, operating standards. – Complete environmental inductions and required training

4.2. Risk Management

Risk management is undertaken as per the AGLM Risk Management Standard (AGL-HSE-STD-004.1).

AGLM utilise the Fully Integrated Risk Management (FIRM) matrix for assessment of risks, as per [Figure 6](#).

An Environmental Risk Assessment (ERA) is required to identify aspects and impacts and assess the risk of development activities with the potential to cause environmental impact and harm.

The process for undertaking the ERA includes:

1. Identifying and describing risks, including the source of the risk.
2. Understanding the risk rating by evaluating the likelihood and consequence of the risk.
3. Review the current controls, residual risk post implementation of such controls, and determining if further controls are required to adequately manage the risk.
4. Evaluation of risk – determine an action plan; a strategy of management and monitoring commitments.
5. Update management strategies, programs, plans and procedures, where applicable, with risk mitigation treatments to eliminate or reduce the risk to as low as reasonably practicable.
6. Review residual risks and appropriateness of mitigation measures annually.

4.2.1. Risk Identification and Assessment

The purpose of the ERA is to identify environmental aspects and impacts that could eventuate during the development, as well as existing and proposed mitigation and management measures for such aspects and impacts.

Risks identified are related to environmental aspects as outlined in the environmental assessments listed in condition A2(c) of the consent, as addressed in the SOCs as per Table 6, for Stage 2.

Risks were assessed using the AGLM FIRM risk matrix, as per [Figure 6](#)~~Figure 6~~.

Likelihood ratings were classified between rare (1) and almost certain (5), with consequence categorised between Level 1 (lowest) to Level 5 (highest).

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Almost Certain (5)	7 Moderate	13 High	19 Very High	23 Extreme	25 Extreme
Likely (4)	6 Moderate	10 Moderate	15 High	21 Very High	24 Extreme
Possible (3)	3 Low	9 Moderate	14 High	20 Very High	22 Very High
Unlikely (2)	2 Low	8 Moderate	11 Moderate	16 High	18 High
Rare (1)	1 Low	4 Low	5 Low	12 Moderate	17 High
	Level 1	Level 2	Level 3	Level 4	Level 5

Figure 6 AGLM Risk Matrix

4.3. Risk Control

The risk control measures were updated in line with the commitments made as part of the EIS for the Consent, as well as the controls adopted in the various management plans, strategies, procedures and programs for the development.

As per the Consent, Part B, Condition B1(d), a review of the existing ERA was undertaken on 27 October 2025 on the development activities and specific risk management controls and mitigations to:

- i) Comply with statutory requirements, limits or performance measures and criteria; and
- ii) Manage the predicted impacts identified in the documents listed in Part A, Condition A(c).

The risk assessment is included as [Appendix 3](#) of this EMS.

The risk assessment was reviewed and approved by the Transition Site Manager, including the documented control measures that will be applied to manage risks to as low as reasonably practicable (ALARP). The current mitigation measures for all risks identified for Stage 2 works are outlined in [Appendix 3](#). No "High Risk" environmental aspects are currently applicable to the Stage 2 works.

4.3.1. Risk Review and Evaluation

As per the Consent, Part B, Condition B1(e), the ERA will be reviewed and evaluated for effectiveness on an annual basis as part of the annual planning process as per Section 4.54.4, and as part of the Adaptive Management and Continual Improvement Process, as per Section 7.5

4.4. Objectives and Targets

AGLM will operate in a manner that minimises harm to the environment and the community. To achieve this, AGLM has defined a set of objectives and performance criteria, based on the requirements of statutory obligations, internal commitments and community expectations. Those objectives and performance criteria are outlined in [Table 8](#).

Table 8 Objectives and performance criteria

Aspect	Objective	Performance Criteria
Compliance	Maintain compliance with all regulatory requirements	Nil non compliances
Water	Comply with the requirements of Table 3 of the Consent, and EPL 2122.	No adverse impacts or environmental consequences to groundwater, surface water and aquatic ecosystems as a result of the development outside those predicted in the environmental assessment documents listed in condition A2(c) of the consent. No complaints related to water quality. Refer to the Water Management Plan for specific performance criteria against the objectives.
Noise and Vibration	Comply with the requirements of Consent Part B Conditions B9-B11.	No exceedance of operational noise generated by the development at R21 and R28. Development undertaken generally in accordance with the predictions specified in the environmental assessment documents listed in condition A2(c) of the consent
Air Quality	Comply with the requirements of the Consent Part B Conditions B6 and B7, and EPL 2122.	Development undertaken generally in accordance with the predictions specified in the environmental assessment

Aspect	Objective	Performance Criteria
		documents listed in condition A2(c) of the consent.
Biodiversity	Comply with the requirements of the Consent Part B Conditions B28 to B32.	Credits retired as specified. No incidents, non-compliances or complaints related to biodiversity. Refer to the Biodiversity Management Plan for specific performance criteria against the objectives.
Heritage	Comply with the requirements of the Consent Part B Conditions B4 and B5.	No incidents, non-compliances or complaints related to Aboriginal heritage and non-Aboriginal (Historic) Heritage.
Rehabilitation	Comply with the requirements of Table 7 of the Consent.	Development undertaken generally in accordance with the predictions specified in the environmental assessment documents listed in condition A2(c) of the consent. Refer to the Rehabilitation Management Plan for specific performance criteria against the objectives.
Waste, hazardous materials or asbestos.	Comply with the requirements of the Consent Part B Conditions B23 to B27.	No incidents, non-compliances or complaints related to waste, hazardous materials or asbestos.
Community	Comply with the requirements of SoC SE1 to SE4.	Nil complaints received by community Nil adverse impact to surrounding private properties

4.5. AGLM Revision Process

AGLM are committed to managing environmental risks and impacts that have been identified in the environmental assessment phase of the development and recognise that other impacts and risks not originally identified in the assessment phase are also required to be managed.

AGLM undertakes an annual review of environment related issues and performance. The review considers:

- Outcomes of risk assessment treatments (Section 4) and mitigation measures, monitoring and review (Section 5) activities
- Inspections, assessments and audits (Section 7)

- HSE incident reports and investigation findings (Section 7)
- Inputs and views from external stakeholders (Section 5)
- Status of corrective and preventative actions (Section 7)
- Outcomes from management reviews (Section 4)
- Government policies and regulations (Section 3)
- Human factors that may contribute to risk (Section 4)
- Receiving environments that may be impacted (Section 5).

Following the review, strategies, plans, processes, objectives and targets are updated as part of the planning process as part of the adaptive management and continual improvement process (Section 7.5).

4.6. Management plan consultation requirements

The Consent outlines specific management plans that required consultation prior to being approved, those plans are summarised in [Table 9Table 9](#).

Part A Condition A16 of the Consent states that if consultation is required:

- Consultation with the relevant party must occur prior to submitting the document to the Planning Secretary for Approval; and
- Provide details of the consultation that took place, including the outcome, matters resolved or unresolved, and details of remaining disagreements and how the AGLM or the Contractor will address those matters.

Where Consultation is required, the relevant management plan as per [Table 9Table 9](#) will clearly outline the consultation requirements and provide details of communication with the relevant party, the outcomes, and where they are addressed in that document.

Table 9 Stakeholder consultation requirements

Consent Management Plan	Stakeholder
Biodiversity Management Plan	CPHR
Water Management Plan (Erosion Sediment Control Plan)	NSW EPA DCCEEW Water
Rehabilitation Management Plan	Site Auditor DPHI Council CPHR NSW EPA
Liddell Ash Dam Closure and Rehabilitation Management Plan	Site auditor NSW EPA DS NSW Council

4.7. Inductions and training

To ensure that this EMS is effectively implemented, each level of management is responsible for ensuring that all personnel reporting to them are aware of and competent in meeting their responsibilities and requirements under the AGL Health, Safety and Environment Policy, this EMS and relevant elements of the HSEMF.

4.7.1. Inductions

All personnel (including contractors, sub-contractors and visitors to the site) are required to complete the compulsory site and environmental awareness induction prior to undertaking any work on the development. Requirements of the AGL Health, Safety and Environmental Policy, this EMS and the HSEMF will be communicated through the induction process and made available to all personnel.

4.7.2. Environmental training and awareness

AGLM have established a development specific environmental training and induction program for all personnel who perform tasks with the potential to cause environmental harm. The Environment Training document AGLM-HSE-PRO-008.05 outlines the process to providing training and awareness to all personnel, contractors, sub-contractors operating for or on behalf of AGLM at the LPS.

Training is available to all personnel, and the Manager Environment and Approvals is responsible for developing and updating modules related to environment aspects and impacts, as well as changes in legislation, policy or the HSEMF.

Environmental awareness and training information will also be included in daily prestart meetings and toolbox talks to support the elimination or minimisation of environmental risks.

Contractors and sub-contractors are responsible for ensuring all required training is conducted by their staff prior to work. A record of all Contractor training is to be kept in the Environment Training Needs Analysis (TNA).

Training Needs Analysis

Training needs are determined for all personnel, contractors, sub-contractors and visitors to the development site, to ensure that all are aware of and competent in avoiding or minimising the environmental risks relevant to their role.

AGLM identifies the required relevant training and competency of personnel required prior to works commencing. Contractors are required to work with the Manager Environment and Approvals, to determine the environmental competency and training required for their staff and sub-contractors.

All training and associated competencies will be captured on the TNA.

Review of specific training requirements is reviewed in response to changes in site risks, trends in environment incidents or hazards, and in line with HSEMF reviews.

4.8. Baseline Environmental Studies

Baseline environmental studies were undertaken for the Development during the preparation of the environmental assessments prior to the approval of the Consent. Additional baseline studies were conducted for the development of the DEMP Soil and Water Management sub plan.

The major studies are listed in [Table 10](#).

Table 10 Baseline Environmental Studies

Assessment	Reference
Environmental Impact Statement	GHD, 2023
Response to Submissions	GHD, 2024
Amendment Report	GHD, 2024
Supplementary Water Assessment	Ramboll, 2025

The preparation of the baseline studies as outlined above facilitate the preparation of the development of management plans as required under the Consent, EPL and EPBC approvals.

For any deviation from the original plan that are still generally in accordance with approvals, due diligence surveys will be undertaken to prevent harm. If significant changes to the development which will lead to work not being generally in accordance with approvals, new assessments will be undertaken to support modifications to approvals and licences.

4.9. Communication

Consultation and communication will be undertaken in line with the AGLM Community and Stakeholder Engagement Strategy. Note that this Strategy is not a requirement of the Consent.

4.9.1. Internal Communications

AGLM recognises that effective communication of environmental aspects is necessary for the implementation of specific environmental management measures. Communication methods are outlined in the AGLM Community and Stakeholder Engagement Strategy and can include, but are not limited to:

- Prestart meetings
- Managers meetings
- Communication sessions.

4.9.2. External Communications

AGLM will tailor consultation and engagement on relevant environmental aspects and ensure that the relevant key stakeholder considerations are addressed.

The AGL website contains information available to the public ([AGL Macquarie | About AGL](#)). Included on the website are contact details to lodge enquiries or complaints.

AGLM maintains a stakeholder consultation standard which it applies across the development of new projects, expansions of existing infrastructure, and ongoing operations.

Refer to [Section 4.64.5](#) for external consultation required during the development of management plans.

Notifications regarding the Development, will be undertaken as per the Community and Stakeholder Engagement Strategy. The Community and Stakeholder Engagement Strategy outlines various methods of communication to inform the community [and local agencies](#) about the Development, including environmental performance, via the website, letterbox drops, face to face community information events, newspaper articles and social media.

4.9.3. Community Consultative Committee

AGLM maintains a community reference group known as the AGLM Community Consultative Committee (CCC) which meets quarterly. Membership of this group includes representatives from the surrounding community interest groups, [local agencies](#), Muswellbrook Shire Council (MSW), Singleton Council and Upper Hunter Shire Council, local business chambers and local Indigenous stakeholder groups. The development was initially presented to the CCC at a meeting on 28 July 2020, and no concerns have been raised during subsequent engagements.

Quarterly meetings will continue to be held with the CCC. During the CCC meeting, the community will be informed about the Development, including environmental performance. All concerns and complaints will be addressed at the meeting. Minutes of the CCC are included on the AGLM website.

5. Implementation

5.1. Limit of Consent

As per Part A, Condition A5 of the Consent, activities associated with the Development may be carried out until 31 December 2044.

5.2. Commencement of Construction

As per Part B, Condition B2 of the Consent, construction for Stage 2 will not commence until this EMS is approved by the Planning Secretary.

5.3. Implementation of the EMS

As per Part B, Condition B3 of the Consent, this Stage 2 EMS, as approved by the Planning Secretary, will be implemented for the Development.

5.4. Asbestos Disposal Facility

As per Part A, Condition A6 of the Consent, a maximum of 30,000 cubic metres of asbestos waste, asbestos containing material, synthetic mineral fibre and other associated wastes authorised by the Site auditor, may be disposed of at the asbestos disposal facility, unless otherwise agreed by the Planning Secretary. Disposal of any asbestos waste relevant to Stage 1 works will continue in Stage 2.

Refer to the DEMP, prepared for Stage 1 works, for additional information regarding the Asbestos Disposal Facility.

5.5. Hours of Operations

As per Part A, Condition A9 of the Consent, the development may be undertaken as per

Table 11

Table 11.

Table 11 Operating Hours

Activity	Permissible Hours
Development activities – other than as identified separately in this table	7am – 6pm Monday to Friday 8am to 6pm Saturday At no time on Sundays or Public Holidays
Blasting	9am to 5pm Monday to Saturday No blasting on Sunday or Public Holidays
Maintenance, security, office work, cleaning, etc	May be conducted at any time

Activity	Permissible Hours
Delivery or dispatch of materials as requested by Police or other public authorities Emergency work to avoid the loss of lives, property or to prevent environmental harm Delivery of oversized plant or structures	At any time, only after notifying the Department

5.6. Measurement, Monitoring and Evaluation

Environmental management; measurement, monitoring and evaluation, for the development, will be implemented through this EMS and associated plans developed to meet the requirements of the Consent and SoC, as per the sub sections [5.6.15.6.4](#) to [5.6.15.6.15](#).

5.6.1. Water and hydrology

Water and hydrology, including the SoC requirements WQ1 to WQ15 relevant to Stage 2 works, is managed as per the:

- Stage 2 Water Management Plan required under Consent Part B, Condition B15.
- EPL2122.

Surface water monitoring locations are included on [Figure 5](#).

5.6.2. Soil and Contamination

Soil and contamination, including the SoC requirements SC1 to SC8, and SC10 to SC11 is managed as per the:

- Stage 2 Water Management Plan required under Consent Part B, Condition B15.
- Rehabilitation Management Plan required under Consent Part B, Condition B38.
- Containment Cell Construction Quality Assurance Plan and Quality Assurance Report required under Consent Part C, Conditions C25 and C26
- EPL2122.

Further to the above, a Spill Management Plan, required under SoC SC8, is located in the AGLM Spills Response Procedure and AGLM PIRMP.

The Contamination Management Plan, required under SoC SC10, is addressed under Part C of the Consent.

5.6.3. Biodiversity

Biodiversity, including the requirements within SoC BIO1 to BIO10, is managed as per the:

- Stage 2 Biodiversity Management Plan required under Consent Part B, Condition B32.
- Rehabilitation Management Plan required under Consent Part B, Condition B38.
- Stage 2 Water Management Plan required under Consent Part B, Condition B15.

- Traffic Management Plan, located in [Appendix 5Appendix 5](#).
- EPBC 2022/09330

5.6.4. Rehabilitation

Rehabilitation, including the SoC requirements RH1 and RH2, and LC2 to LC4, is managed as per the:

- Rehabilitation Management Plan required under Consent Part B, Condition B38.
- Stage 2 Biodiversity Management Plan required under Consent Part B, Condition B32.
- EPBC 2022/09330.

5.6.5. Landscape and Visual

Landscape and visual, including the requirements of the SoC LC1 to LC5, is managed as per the:

- Stage 2 Biodiversity Management Plan required under Consent Part B, Condition B32.
- Rehabilitation Management Plan required under Consent Part B, Condition B38.

In addition to the above, as per SoC LC1, existing large trees and vegetation will be maintained and protected wherever possible. This will be achieved through the implementation of the AGLM Ground and Vegetation Disturbance Approval (GVDA).

In accordance with SoC LC2, revegetation will be undertaken in accordance with the Rehabilitation Management Plan.

As per the requirements of SoC LC3, any lighting during night time activities will be of short duration, where appropriate, will not be directed or spill into any adjoining landholding or dwelling and will be provided in accordance with AS 4282 – *Control of the obtrusive effects of outdoor lighting*.

5.6.6. Hazard and Risk

Hazard and risk, including the requirements of SoC HR8 will be managed as per the

- AGLM Bushfire Risk Management Plan.
- Section 4.2 of this EMS.

The Asbestos Management Sub Plan, required under HR6 forms part of the DEMP. As per SoC HR7, Asbestos Removal Control Plans will be prepared on an as needs basis by the Principal Contractor.

The Consent Part C, Conditions C1 to C13 also cover hazard, risk and remediation.

5.6.7. Aboriginal Heritage

Aboriginal heritage management will be undertaken as per the requirements of Consent Part B, Conditions B4 and B5, and SoC AH1 to AH3, as per [Table 12Table 12](#)

Aboriginal Heritage locations are included on [Figure 5Figure 5](#).

Table 12 Aboriginal Cultural Heritage Management

Condition / SoC	Requirement	Management measures	Timing	Responsibility
Part B Condition B4	The Applicant must not directly or indirectly harm the Aboriginal objects AHIMS 37-2-6560 and 37-2-6559, or any Aboriginal objects located outside the approved development area.	The sites will be protected with temporary stock-proof fencing and appropriate signage during construction. Site fencing will be erected under the direction of a qualified archaeologist or a person familiar with the contents and extent of the sites.	Prior to construction for the relevant Stage of works.	AGLM.
Part B Condition B5	Prior to carrying out any development that could directly or indirectly harm the Aboriginal objects AHIMS 37-2-6561 and 37-2-6284, the Applicant must salvage the Aboriginal objects via surface collection and relocate the items that would be impacted to a suitable alternative location, in accordance with the Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW (DECCW, 2010), or its latest version.	Artefacts will be salvaged by surface collection and relocated to a suitable alternative location onsite prior to impacts. The relocation will be undertaken in accordance with the <i>Code of Practice for Archaeological Investigation of Aboriginal Objects in NSW</i> (DECCW, 2010). Following collection, an Aboriginal Site Impact Recording (ASIR) will be submitted to the Aboriginal Heritage Information Management System (AHIMS) register.	Prior to disturbance.	AGLM.
AH1	An Aboriginal Cultural Heritage Management Plan (ACHMP) will be prepared prior to work commencing. The ACHMP will detail the location of the existing sites, formal management of avoid impacts to these sites and an Unexpected Finds Procedure. The Unexpected Finds Protocol will be site specific and prepared in consultation with RAPs. A template for the Unexpected Finds Protocol is provided in Appendix D of the ACHAR.	ACHMP, prepared by AECOM (2025). The ACHMP is not a requirement of the Consent.	Prior to construction.	AGLM.
AH2	The individual or persons responsible for the management of onsite works will ensure that all site personnel are made aware of the statutory legislation	Inductions and training packages Section 4.74.6 . ACHMP.	Prior to commencing works.	AGLM.

	under the NPW Act regarding protection of sites and places of significance.			
AH3	Should any Aboriginal objects be uncovered during works, activities should halt in that location and the Environmental Line contacted on 131 555 to report the discovery	ACHMP.	During works.	AGLM.

5.6.8. Historical (non-Aboriginal) Heritage

Historical (non-Aboriginal) heritage SoC HH1 and HH2 will be managed as per [Table 13](#).

Heritage locations are included on [Figure 5](#).

Table 13 Historical Heritage Management

SoC	Requirement	Management measures	Timing	Responsibility
HH1	In the unlikely event that unexpected historical (non-Aboriginal) archaeological remains are discovered during works they will be managed with reference to the standard protocols and procedures of Section 146 of the Heritage Act 1977. An unexpected archaeological finds procedure should be included in relevant project documentation such as the Construction/Demolition Environmental Management Plan.	This EMS - Unexpected finds protocol Section 5.75.7 .	During works.	AGLM/Principal Contractor. AGLM
HH2	Undertake archival recording of: – The fence posts west of the skimmer dam will be recorded. – The structures and associated demolition. To be recorded in full extent including photographs and documentary recording.	Noted. AGLM to action as per SoC requirement.	Completed in Stage 1.	AGLM.

5.6.9. Air Quality and Greenhouse Gas

Management of air quality and greenhouse gas, including components of the requirements of SoC AQ1, and GG1 to GG8, and the requirements of the Consent Part B Conditions B6 and B7 respectively, is outlined in:

- [Table 14](#).
- [Table 15](#).
- EPL2122.

Indicative air quality monitoring locations are included on [Figure 5](#).

Table 14 Air quality and greenhouse gas management

Condition or SoC	Requirement	Management measures	Timing	Responsibility
Part B Condition B6	<p>Air quality and Greenhouse Gas</p> <p>B6. All reasonable and feasible avoidance and mitigation measures must be implemented to prevent the generation of dust from the development.</p>	<p>Project wide:</p> <p>Conduct daily inspections to verify that air quality management measures are being implemented.</p> <p>Water carts to be utilised on unsealed roads, or roads which are being impacted by dust.</p> <p>Minimise the extent of exposed areas through progressive rehabilitation or stabilisation.</p> <p>Cover or stabilise stockpiles when not in use and completed areas</p> <p>Limit the drop height of materials that can lead to dust generation.</p> <p>Monitor for adverse weather conditions and alter works where required (i.e. windy conditions).</p> <p>Implement the TARP located in Table 15.</p> <p>Site entry / exit, haul routes / parking areas:</p>	<p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works</p> <p>During works</p>	<p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>All personnel.</p> <p>All personnel.</p>

	<p>Reduce on-site speed limits to limit the generation of dust from vehicle movements.</p> <p>Limit traffic movements to designated areas, and wherever possible, along sealed surfaces.</p> <p>Ensure that all heavy vehicles and plant are inspected prior to leaving site to ensure that all vehicles are free of any debris and loose materials, as well as that loads are covered where required and practical.</p> <p>Ensure stabilised site entry and exit where required in unsealed areas</p> <p>Borrow pit:</p> <p>Progressively extract materials in a staged manner from the borrow pit. Stabilise areas that remain exposed for an extended period.</p> <p>Wet down the area to be crushed, excavated, and during loading and placement of materials where necessary.</p> <p>Asbestos disposal facility:</p> <p>Minimise exposed areas to limit the potential for dust generation.</p>	<p>During works</p> <p>During works</p> <p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works.</p> <p>During works.</p>	<p>All personnel.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>AGLM/Principal contractor.</p> <p>All personnel.</p>
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		<p>Apply a ground cover to areas which are exposed for an extended period (e.g. polymer).</p> <p>At the end of each day of emplacement apply a suitable cover to limit the potential for dust generation.</p> <p>Adhere to the legislative requirements during handling, transportation and disposal activities.</p>	<p>During works.</p> <p>During works.</p>	All personnel.
Part B Condition B7	Air quality and Greenhouse Gas B7. All reasonable and feasible avoidance and mitigation measures must be implemented to minimise greenhouse gas emissions from the development.	Refer to SoCs related to Greenhouse Gas ("GG").	-	-
GG1	Sustainable procurement practices will be adopted where feasible.	AGLM and principal contractor procurement process.	During works.	AGLM.
GG4	All plant and equipment used during the project shall be regularly maintained to reduce emissions and comply with the relevant exhaust emissions guidelines	<p>Principal contractor introduction to site process and site vehicle checklist</p> <p>Ensure all plant and equipment are inspected regularly, cleaned, maintained and operated in a proper and efficient manner to minimise improper operations leading to increased exhaust emissions.</p>	During works.	AGLM/Principal contractor.
GG5	Plant and equipment will be switched off when not in constant use and not left idling	Switch off vehicles when not in-use i.e., minimising idling of vehicles.	During works.	AGLM/Principal contractor

GG6	The project will be planned to ensure minimal movement of plant and equipment where practical.	Noted.	During works.	AGLM/Principal contractor
GG7	Maximise the beneficial reuse of the carbon removed in vegetation, such as mulching and composting, will be included in management plans, where feasible	This EMS Section 5.6.35-6.3 and Section 5.6.45-6.4 .	During works.	AGLM/Principal contractor

Table 15 Air quality trigger action response plan

TARP Level	Normal	Level 1	Level 2
Indicator			
Complaint	No dust complaint.	Dust complaint (unclear if it is related to site)	Dust complaint (related to site)
Visual observations	Dust not mobilised (visual inspection).	Dust has mobilised but is local and not travelling off the site boundary.	Dust has mobilised and is visibly travelling off the site boundary.
Measured and forecast meteorological conditions	Principal Contractor to review wind speed forecast at Daily Pre-Start Meeting: <ul style="list-style-type: none"> • Wind speed less than 18km/hr • Observed wind speeds less than 18km/hr at AGLM08 	Principal Contractor to review wind speed forecast at Daily Pre-Start Meeting: <ul style="list-style-type: none"> • Wind speed greater than 18km/hr • Observed wind speeds greater than 18km/hr at AGLM08 	Principal Contractor to review wind speed forecast at Daily Pre-Start Meeting: <ul style="list-style-type: none"> • Wind speed greater than 36km/hr OR <ul style="list-style-type: none"> • Wind speed greater than 18km/hr AND wind direction from the SE Observed wind speeds to be reviewed against these triggers throughout the day.
Air quality monitoring	<ul style="list-style-type: none"> • 'Boundary' BAM hourly PM₁₀ below 150 µg/m³ and <ul style="list-style-type: none"> • 'Off-site receptor' BAM hourly PM₁₀ below 40 µg/m³ 	<ul style="list-style-type: none"> • 'Boundary' BAM hourly PM₁₀ between 150 and 200 µg/m³ trigger limit or <ul style="list-style-type: none"> • 'Off-site receptor' BAM hourly PM₁₀ between 40 and 50 µg/m³ 	<ul style="list-style-type: none"> • 'Boundary' BAM hourly PM₁₀ above 200 µg/m³ trigger limit or <ul style="list-style-type: none"> • 'Off-site receptor' BAM hourly PM₁₀ above 50 µg/m³
Trigger Actions Responses			
Activities	Normal activities.	Continue activities and evaluate additional standard controls to suppress dust.	Review activities and evaluate additional controls to suppress dust, and modify/suspend relevant activities as required.
Responsibilities			
Actions	Principal Contractor to: <ul style="list-style-type: none"> • Maintain standard dust suppression activities. • Monitor operation. 	Principal Contractor to: <ul style="list-style-type: none"> • Evaluate effectiveness of controls through activity. • Plan and execute remedial actions as required. <ul style="list-style-type: none"> - Additional watering. - Relocation of activities. 	Principal Contractor to: <ul style="list-style-type: none"> • Maintain and evaluate effectiveness of controls throughout activity. • Plan and execute remedial actions as required: <ul style="list-style-type: none"> - Additional watering - Relocation of activities

TARP Level	Normal	Level 1	Level 2
		<ul style="list-style-type: none"> • Conduct visual inspection to identify dust and/or air emission generating activities. • Investigate complaint, taking into consideration activity, meteorological conditions, and visual observation of impact to validate complaint. • Provide verbal response to complaint • Record in complaints register. 	<ul style="list-style-type: none"> - Reduced activities • Conduct visual inspection to identify dust and/or air emission generating activities • Investigate complaint, taking into consideration activity, meteorological conditions, and visual observation of impact to validate complaint • Provide verbal response to complaint • Record in complaints register • Communicate lessons learnt to project personnel

5.6.10. Noise and Vibration

Noise and vibration, including the requirements of SoC NV1 and NV2, is managed as per the requirements of the Consent Part B Conditions B8 to B12 and EPL2122.

Furthermore, management of noise and vibration, including the development of a monitoring plan required under SoC DM7, is outlined in the:

- Noise and Vibration Management Plan located in Appendix 4.

Indicative noise monitoring locations are included on [Figure 5](#).

5.6.11. Dangerous Goods

Dangerous goods are managed as per the requirements of the Consent Part B as per [Table 16](#).

Table 16 Dangerous goods management

Condition or SoC	Requirement	Management measures	Timing	Responsibility
Part B Condition B18	The quantities of dangerous goods stored and handled by the development must be below the threshold quantities listed in the Department’s Hazardous and Offensive Development Application Guidelines – Applying SEPP 33 at all times.	As per requirement.	During works.	AGLM/Principal contractor
Part B Condition B19	Dangerous goods must be stored and handled strictly in accordance with: (a) all relevant Australian Standards; and (b) for liquids, the NSW EPA’s Storing and Handling of Liquids: Environmental Protection – Participants Manual. In the event of inconsistency between the requirements of condition B19(a) and B19(b), the most stringent requirement must prevail to the extent of the inconsistency.	As per requirement.	During works.	AGLM/Principal contractor

5.6.12. Traffic and Transport

Heavy vehicle travel and transport, including the requirements of TT1 to TT11, is managed as per the requirements of the Consent Part B Conditions B20 and B21.

Traffic and transport management is outlined in the:

- Traffic Management Plan, located in [Appendix 5](#).

5.6.13. Meteorological Monitoring

Meteorological monitoring is undertaken at LPS as per the Consent Part B Condition B22 and Condition P1.1 and M5 of EPL2122, and is outlined in [Section 5.6.95-6.9.](#)

This meteorological station complies with the requirements of the Approved Methods for Sampling and Analysis of Air Pollutants in NSW (DEC, 2007).

The station is capable of measuring meteorological conditions in accordance with NSW Industrial Noise Policy (EPA, 2000) or NSW Noise Policy for Industry (EPA, 2017).

The meteorological monitoring location is included on [Figure 5Figure 5..](#)

5.6.14. Waste Management

Waste, including the requirements of SoC 'WM1' to 'WM5', will be managed in accordance with Consent Part B Conditions B23 to B27, and the requirements of EPL2122, as outlined in [Table 17Table 17.](#)

As per the Consent Condition B23 and SoC 'WM3', all waste generated throughout the Development will be classified for disposal in accordance with the NSW EPA Waste Classification Guidelines Part 1: Classifying waste November 2014 and disposed of at and appropriately licenced facility. As per SoCs 'WM4' and 'WM5', waste streams will be managed in accordance with EPL 2122. Recycling and resource recovery activities will be managed by a licenced service provider.

In accordance with Consent Condition B24, no waste from outside of the approved development area will be received, stored, treated, processed, re-processed or disposed of within the approved development area.

Storage

As per the Consent Condition B25, waste generated by the Development will be secured and maintained within designated waste processing or storage areas at all times prior to disposal, re-use or recycling.

Tracking

As per SoC 'WM1', all waste shall be tracked in accordance with the PoEO (Waste) Regulation 2014.

A waste tracking system will be implemented for all waste leaving the site so as to track the waste from the site to the licenced disposal facility including the type and quantity of waste.

The waste tracking system will consist of the use of a site waste register to record each load of waste leaving the site to verify that each load of waste was disposed of at a licenced disposal facility.

The waste register will record the type of waste, the transport company, the truck registration, the disposal facility, and quantity of the waste.

Disposal, Reuse and Recycling

Prior to commencing, all waste types shall be identified including materials that can be recycled or salvaged for reuse.

Where practical, items that can be salvaged for reuse are removed from the structure either prior to or during the Development works.

During the course of the Development, waste will be segregated into streams to minimise contamination, maximise recycling and minimise materials going to landfill.

Metals will be taken offsite for recycling at a licenced facility, segregated as far as practical into like metals (e.g. ferrous, copper, brass, aluminium, etc). Clean concrete and brick will be crushed for reuse onsite. Asbestos contaminated materials will be disposed of in the onsite asbestos containment cell. All other waste will be taken offsite and disposed of at a licenced disposal facility.

In accordance with Consent Condition B26, any concrete confirmed to be impacted with PCB above acceptable levels as determined by the Site auditor will be disposed of at a licensed waste facility.

As per the Consent Condition B27, asbestos waste, asbestos containing materials and synthetic mineral fibre shall be disposed of at the onsite asbestos containment cell in accordance with the Asbestos Management sub Plan of the DEMP.

Waste related training and awareness

As per SoC 'WM2' all workers will undergo training to provide awareness of waste minimisation practices to be employed on the project which shall include:

- Waste to be segregated into like waste streams to minimise contamination and maximise recycling and minimise materials going to landfill.
- Metals shall be taken offsite for recycling at a licenced facility, segregated as far as practical into like materials (e.g. ferrous, copper, brass, aluminium, etc).
- Clean concrete and brick shall be crushed for reuse onsite.
- Where practical, materials / plant shall be recycled for reuse.

Table 17 Waste management measures

Condition or SoC	Requirement	Management measures	Timing	Responsibility
B23	All waste generated by the development must be classified in accordance with the Waste Classification Guidelines (EPA, 2014) and disposed of at appropriately licensed waste facilities unless subject to condition B27 unless otherwise permitted by an EPL.	This EMS. EPL2122.	During works.	AGLM. Principal contractor.
B24	No waste from outside the approved development area must be received, stored, treated, processed, re-processed or disposed of within the approved development area except as expressly permitted by an applicable EPL, specific resource recovery order or exemption under the Protection of the Environment Operations (Waste) Regulation 2014.	Noted. EPL2122.	During works.	AGLM Principal Contractor.
B25	Waste generated by the development must be secured and maintained within designated waste processing or storage areas at all times prior to disposal, re-use or recycling.	This EMS.	During works.	AGLM Principal Contractor.
B26	Any concrete confirmed to be impacted with PCB above acceptable levels determined by the Site auditor must be disposed of at a licensed waste facility.	This EMS.	During works.	AGLM Principal Contractor.
WM1	A waste management plan for the project will be prepared prior to works commencing. The waste management plan will detail: <ul style="list-style-type: none"> – Statutory requirements for waste in NSW – Systems to sort and track the actual types and quantities of waste generated – Measures for waste segregation and minimising cross contamination of waste streams including the use of coded bins – Options for offsite reuse, reprocessing, recycling and energy recovery 	This EMS.	During works.	AGLM Principal Contractor.

WM2	Awareness of waste minimisation practices will be included in the project induction.	This EMS and Section 4.7.24.6.2.	During works.	AGLM Principal Contractor.
WM3	Waste will be classified, managed and disposed of in accordance with the Waste Classification Guidelines (EPA, 2014).	B23. This EMS.	During works.	AGLM Principal Contractor.
WM4	Waste streams will continue to be managed in accordance with EPL 2122.	This EMS. EPL2122.	During works.	AGLM Principal Contractor.
WM5	Recycling and resource recovery activities will continue to be managed by a licenced service provider.	B23, B24, B25. This EMS.	During works.	AGLM Principal Contractor.

5.6.15. Social and Economic

Social and economic aspects, including the requirements of SoC SE1 to SE4, will be managed in accordance with Table 18~~Table 18~~.

Form

Table 18 Social and economic management measures

Condition or SoC	Requirement	Management measures	Timing	Responsibility
SE1	<p>A Community and Stakeholder Engagement Strategy will be developed. The strategy will provide a method for:</p> <ul style="list-style-type: none"> – Maintaining ongoing, regular and transparent communication with key stakeholders and the community – Managing project perceptions – Provide updates on ongoing industrial uses and other beneficial uses to be located at the LPS 	<p>Community and Stakeholder Engagement Strategy (AGLM, 2025). Note that this document is not a requirement of the Consent.</p>	Prior to commencement.	AGLM.
SE2	<p>A communication management plan will be developed in accordance with the Community and Stakeholder Engagement Strategy and implemented to define the specific requirements for engagement during delivery of the project with the following objectives:</p> <ul style="list-style-type: none"> – To ensure that residents and stakeholders are notified in a timely manner about works activities and potential for impacts – Ensure accurate information is accessible, and enquiries and complaints are managed in a timely manner – To define the requirements for the complaints management system to be implemented 	Community and Stakeholder Engagement Strategy	Prior to commencement.	AGLM.
SE3	<p>Aligned with AGL’s Reconciliation Action Plan (AGL, 2021) AGL has committed to prioritising opportunities for Aboriginal workers and procurement in its projects. This includes local and Aboriginal participation commitment in its tender documents which outline the sub-contracting, employment, training, Aboriginal and community contributions that contractors will need to deliver. Continuing engagement of local Aboriginal organisations through the Community Dialogue</p>	Community and Stakeholder Engagement Strategy	During works.	AGLM.

	Group, this has been a successful approach in updating group members about the future of LPS.			
SE4	AGLM will continue to explore opportunities to deliver local community benefits, including exploring opportunities to memorialise the LPS through interpretation opportunities and photographic documentation of the LPS closure process. These opportunities will support local community values, identity, and pride.	Community and Stakeholder Engagement Strategy	During works.	AGLM.

5.7. Unexpected Finds Protocol

Where unanticipated contamination or unexpected finds may be uncovered on site, including, but not limited to:

- Underground storage tanks / pits,
- Asbestos lined infrastructure,
- Soil that is odorous, stained, discoloured, contains tar or contains asbestos,
- Buried waste,
- Potential human remains, and
- Heritage / Archaeological structures and/or artefacts,

work is to cease in the area of impact and the Site Supervisor must be notified. The Site Supervisor will then make the area safe until advice is sought from a suitably qualified person and/or the client. In the event potential human remains are found report to AGLM representative who will liaise with the relevant governing body and advise on actions.

5.8. Emergency Preparedness and Response

An emergency within AGLM can be defined as an unexpected or sudden event that poses a threat to the safety of people, the environment, and property within the facility. Emergencies can take many forms, such as fires, explosions, chemical spills, natural disasters, security breaches, and medical emergencies.

The key hazards identified at the development site are those documented in the development ERA risk register, including (but not limited to) spills, leaks, and emissions resulting in air, water, or land contamination, as well as unplanned water discharge from dam failure.

Emergency response will be conducted in line the AGLM Emergency Response Management Plan (ERMP) and the AGLM Pollution Incident Response Management Plan (PIRMP).

5.8.1. Activation of an Emergency

Emergency incidents will be managed in line with the ERMP, as well as the PIRMP, as per Section [5.8.25-8.2](#).

The ERMP details the framework for responding to various emergency situations, including, but not limited to:

- Earthquakes (Section 4.13 of the ERMP)
- Flooding (Section 4.18 of the ERMP) and
- Structural instability (Section 4.35 of the ERMP).

5.8.2. Pollution Incident Response Management Plan

A PIRMP has been prepared under the POEO Act, which addresses the environmental, human, and life safety aspects of pollution incidents within EPL 2122. The PIRMP applies to all AGLM employees, contractors, sub-contractors and visitors to the site and is required under the POEO Act.

The POEO Act requires that the PIRMP be activated immediately in the event of any actual or potential material harm to the environment.

For a pollution incident causing or threatening material harm to the environment, the person observing a pollution event is to contact the Environment and Approvals Manager - Transition.

If the pollution incident is determined to require the assistance of external emergency services (Hazmat, Fire and Rescue NSW) then the AGLM Communications Officer will contact such emergency services.

Pollution incidents causing or threatening material harm to the environment are to be notified immediately to the EPA, and other relevant authorities, as outlined in the PIRMP, as are determined to be necessary. Note that 'immediately' means promptly and without delay. The Environment and Approvals Manager, or delegate will notify external authorities and the Manager, Corporate Affairs (Transition) will notify the public of a pollution incident event at AGL Macquarie.

Communicating with neighbours and the local community is an important element in managing the response to a pollution incident, especially in cases where the incident may have any perception of impacting them.

In the event of a pollution incident which causes or threatens material harm to the environment, a scene assessment will be conducted by the Environment and Approvals Manager, or delegate and the potentially affected community will be determined and early warning issued accordingly. The Manager, Corporate Affairs (Transition) will contact the community via the following communication means: local radio broadcast, phone calls or by directly approaching neighbours if required. The community contact list is maintained by the Manager, Corporate Affairs (Transition).

6. Reporting

6.1. Internal Reporting

The Principal Contractor will provide regular reports to AGLM.

Full internal reporting requirements will be determined on a contract-by-contract basis. Reporting level of detail will be determined by the environmental risk and scale of the works proposed under the contract. Should the works scope change, the level of reporting required may also change.

6.2. External Reporting

As per Part D, Conditions D2 and D3 of the Consent, AGLM are required to report on compliance for the development. Compliance Reports for the development must be carried out in accordance with the Compliance Reporting Requirements outlined in the *Compliance Reporting Post Approval Requirements* (2020). They must be submitted to the DPHI by at intervals no greater than 52 weeks from the date of commencement of operation.

As per Condition R1 of EPL2122, AGLM must also submit an Annual Return to the EPA.

Table 19 Compliance reporting

Compliance Report	Timing	Minimum Frequency
Compliance Report	Reporting required for the duration of operation or as otherwise agreed by the Secretary.	Annually
Annual Return	Reporting required for the duration of the development.	Annually
Post-Decommissioning Compliance Report	Report to be submitted to the Planning Secretary within 12 weeks of completion of decommissioning	Single report only

7. Review and Improvement

7.1. Hazards, Near Misses, Non-Conformances, Incidents, and Non-Compliances

All environmental hazards, near misses, incidents, non-conformances and non-compliances will be entered into the AGLM incident management system 'MyHSE' and be reported in accordance with the applicable Development Consent and EPL conditions, and in line with the Incident, Near Miss and Hazard Management Procedure AGL-HSE-PRO-011.1.1.

Corrective or preventative actions are to be managed by the Corrective and Preventive Action Procedure AGLM-HSE-PRO-008.9.

7.1.1. Hazards and Near Misses

A hazard is defined as being something of a danger or risk, and a near miss is an unintentional event that could have caused a pollution incident, damage, injury or death, but was narrowly avoided.

Hazards and near misses are to be reported and documented, and appropriate mitigation and management measures determined for both, as awareness can prevent a more serious event from occurring in the future.

7.1.2. Non-Conformances

A non-conformance is a failure to conform to the commitments as AGLM requirements outlined in policies, procedures, plans and permits.

Non-conformances are to be reported and documented, and appropriate mitigation and management measures determined for both, as awareness can prevent a more serious event from occurring in the future.

7.1.3. Incidents and Non-Compliances

An incident is 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.

A non-compliance is an occurrence, set of circumstances or development that is a breach of the conditions of an approval, such as the Consent, EPL and EPBC.

Where incidents result in pollution, they must be reported to the EPA and DPHI in accordance with the requirements of Part D Condition D5 of the Consent, EPL No. 2122 Condition R2, and Section 148 of the POEO Act.

Incidents determined to represent a potential non-compliance will be documented in a written report and submitted to DHPI and the EPA within seven days of the incident notification.

As per Part D, Condition D4 of the Consent, within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must:

- (a) be in writing;
- (b) submitted via the NSW planning portal (Major Projects);
- (c) identify the development (including the development application number and name);
- (d) set out the condition of this consent that the development is non-compliant with;
- (e) why it does not comply;
- (f) the reasons for the non-compliance (if known); and
- (g) what actions have been undertaken, or will be undertaken; and when, to address the non-compliance.

As per Part D, Conditions D5 and D6 of the Consent, The Applicant must notify the Department within 24 hours of becoming aware of an incident. The notification must be made via the NSW planning portal (Major Projects) and address details of the incident including:

- (a) date, time and location;
- (b) a brief description of what occurred and why it has been classified as an incident;
- (c) a description of what immediate steps were taken in relation to the incident; and
- (d) identifying a contact person for further communication regarding the incident.

A non-compliance which has been notified to the Department as an incident does not need to also be notified as a non-compliance.

Incidents are to be reported as per Conditions R2 of EPL2122. Condition R2 requires notification to all relevant authorities of incidents causing, or threatening to cause material harm to the environment, immediately after becoming aware of the incident, by phoning 131555. A written report must then be provided to the EPA within 7 days of the date on becoming aware of the incident.

7.2. Enquiry, Complaint and Dispute Management

An enquiry is a request of information on a matter whilst a complaint is a statement that something is unsatisfactory or unacceptable. A dispute is a disagreement between two or more parties.

Complaints are to be recorded as per Condition M7 of EPL 2122. The record must include details of the following:

- (a) the date and time of the complaint;
- (b) the method by which the complaint was made;
- (c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect;
- (d) the nature of the complaint;
- (e) the action taken by the licensee in relation to the complaint, including any follow-up contact with the complainant; and
- (f) if no action was taken by the licensee, the reasons why no action was taken.

The record must be retained for a period of at least 4 years.

AGLM is committed to effectively manage complaints and resolve disputes for all existing and planned developments.

Community complaints can be made through the following:

- AGL Complaints and Enquiries Hotline: 1800 039 600
- AGL website: [AGL Macquarie | About AGL](#)
- Mail: AGL Community Complaints and Enquiries
 - Locked Bag 14120 MCMC
 - Melbourne, Vic 8001

If a complaint is received, or feedback is received onsite, or directly to a Contractor, the Contractor's environmental representative will not respond to the public or other stakeholders but will immediately forward details of complaints onto the AGLM Manager Environment and Approvals, who will assign a Case Manager from the Government and Community Relations Team. The Case Manager will contact the complainant or enquirer and make a preliminary assessment (level of feedback required) of the type of feedback needed to resolve the issue. AGLM target feedback to the complainant or enquirer within five days for standard feedback, and thirty days for complex feedback.

Where the complainant or enquirer does not consider their feedback resolved, AGLM will escalate the issue to the Senior Manager of Government & Community Relations, who will act as the Case Manager and will respond to urgent, standard, and complex feedback. Where required, the Case Manager may consult with and bring in an independent third-party (e.g. technical expert, mediator) to assist with the investigation or resolution. If this does not lead to resolution, the complainant or enquirer may refer the matter to an independent external body (e.g. NSW Land and Water Commissioner, State Planning Departments, Tribunals and Courts), and AGLM will cooperate with the requirements and processes dictated by the external body.

The Principal Contractor will support AGLM in investigating and addressing complaints. Contractors must include a complaint and enquiry management procedure within their management plans or strategies, which should outline actions to be taken when a complaint or enquiry is received, and the roles and responsibilities of the core team requirement to implement the procedure.

7.3. Inspections and Auditing

7.3.1. Environmental Inspections

Environmental inspections are driven by the environment risk in each area, with higher risk areas receiving more regular oversight.

The Environmental Team is responsible for reviewing the risks and inspection frequency for the development and updating the Environment Inspection Checklist. Non-conformances and corrective actions from the Environment Inspection Checklist are recorded and entered into myHSE as an incident or hazard. A Corrective or Preventative Action for all non-conformances and non-compliances is to be implemented as soon as practicable in accordance with the Corrective and Preventative Actions Procedure AGLM-HSE-PRO-008.9.

AGLM are committed to addressing the findings of inspections which have been undertaken for the development.

7.3.3.7.3.2.

External Environmental Audits

As per Part D Condition D1 of the Consent, Independent Environmental Audits (IEAs) of the development must be conducted and carried out in accordance with the *Independent Audit Post Approval Requirements (2020)* or its latest version published on the Department’s website or as agreed by the Planning Secretary.

The Manager Environment and Approvals is responsible for assisting in providing access to key personnel, site areas, and documentation as required. All actions and non-compliances are to be recorded and reviewed to ensure action is taken, and responses must be submitted to the Planning Secretary.

The frequency of independent audits will follow the requirements of the Independent Audit Post Approval Requirements listed in Table 20.

AGLM are committed to addressing the findings of audits which have been undertaken for the development.

Table 20 Independent audit frequency

Development phase	Initial independent audit	Ongoing independent audit intervals
Construction	Within 12 weeks of commencement	At intervals no greater than 26 weeks from initial audit (or as agreed to by Secretary)
Operation	Within 26 weeks of commencement	At intervals no greater than 3 years (or as agreed to by Secretary)
Closure/Rehabilitation	Within 52 weeks from notifying of suspension/ceasing of operations	At intervals no greater than 1 year (or as agreed to by Secretary)

7.4. Cumulative impacts

Currently there are no cumulative related impacts associated with the development. As per the SoC CI1, management measures will be reviewed and amended, where required, if other developments commence in proximity to the demolition.

7.5. Adaptive management and continual improvement

Adaptive management and continual improvement will be approached as an iterative process of:

'Plan, Do, Check, Act'

'Planning' and 'doing' will be achieved through the implementation of this EMS during the development on a day-to-day basis and through risk assessment revisions.

'Checking' will be done systematically via the AGLM internal and external audit program, Management Reviews and through formal and informal inspections.

'Acting' will be guided by the outcomes of checks and addressing the corresponding recommendations and opportunities for improvement.

In the development's day-to-day activities, improvements will be made frequently. In relation to this EMS, adaptive management and improvement will be formalised by returning to the start of the Plan, Do, Check, Act improvement cycle - setting or adjusting objectives and planning to meet them.

The outcomes of risk assessments, monitoring, inspections, compliance management and risk treatment activities will be reviewed to identify opportunities for improvement and update management measures within the EMS and associated subplans.

The continuous improvement process will include:

- Identifying opportunities to improve environmental management measures and performance.
- Identify the causes of any non-compliances with the relevant criteria.
- Develop an effective plan to address any identified non-compliances.
- Determine the effectiveness of applied mitigation measures, and whether additional and alternative approaches may be required.
- Document any changes to work procedures undertaken to control non-compliances and/or improve efficiencies.
- Compare work process results with the relevant objectives and targets

Refer to Sections 4.3.14.2.3 and 4.54.4 for risk evaluation and the AGLM revision process.

7.6. Change management

Changes are subject to the AGLM change management process. The Site Manager is responsible for reviewing any change management forms submitted and ensuring that the adaptive management and continual improvement process outlined above is applied.

7.7. Publishing of Data

As per Part D Condition D8 of the Consent, within 12 months of the commencement of development the following information and documents must be publicly available on the development website as they are obtained, approved or as otherwise stipulated within the conditions of this consent:

- (a) the documents listed in condition A2(c) of this consent;
- (b) this consent and the EPL;
- (c) all approved environmental management documents required under the conditions of this consent;
- (d) the proposed staging plans for the development if the development is to be staged;

- (e) regular reporting on the environmental performance of the development in accordance with the reporting requirements in any environmental management documents approved under the conditions of this consent;
- (f) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved environmental management documents;
- (g) a summary of the current phase and progress of the development;
- (h) contact details to enquire about the development or to make a complaint;
- (i) a complaints register, updated monthly;
- (j) the Compliance Reporting of the development in accordance with the Compliance Reporting Post Approval Requirements (May 2020);
- (k) audit reports prepared as part of any Independent Environmental Audit of the development and the Applicant's response to the recommendations in any audit report;
- (l) any other matter required by the Planning Secretary; and
- (m) kept such information up to date.

7.8. Record Keeping

In accordance with Condition M1.2 of EPL [2122779](#) all records required to be kept by this licence must be:

- (a) in a legible form, or in a form that can readily be reduced to a legible form;
- (b) kept for at least 4 years after the monitoring or event to which they relate took place; and
- (c) produced in a legible form to any authorised officer of the EPA who asks to see them.

7.9. Compliance management

A register or table of environmental compliance requirements will be prepared to assist with monitoring and recording compliance with requirements. The register will:

1. Provide an identification number for each compliance requirement.
2. Identify the requirements in all Development Consent conditions, EPL conditions and any other conditions or requirements that must be complied with during the planning and delivery of works.
3. Detail the compliance monitoring methods to be used to assess compliance with each compliance requirement.
4. Detail the type of data or evidence that is to be collected to assess whether compliance has been achieved.

7.10. Strategy, Management Plan and Sub-Plan Revision

In accordance with the requirements of Part D, Condition D7 of the Consent, AGLM will review and, if necessary, revise this EMS and associated sub plans within three months of the following circumstances:

- (a) the submission of an incident report under Conditions D5 or D6
- (b) the submission of a compliance report under Condition D3

- (c) the submission of an Independent Audit Report under Condition D1
- (d) the approval of any modification to the conditions of this consent (unless the conditions require otherwise), or
- (e) notification of a change in the development phase under Condition A10.

The suitability of the existing environmental management documents required under this consent must be reviewed. If the review concludes an update to an environmental management document is required, or to comply with a directive, the relevant environmental management document must be revised and submitted to the Planning Secretary for approval within three months of the review.

8. References

- AECOM 2025, Liddell Future Land Use and Enabling Works Aboriginal Cultural Heritage Management Plan
- AECOM 2025, Liddell Future Land Use and Enabling Works Stage 1 Water Management Plan
- AGL, 2023, HSE Policy
- AGLM Spill Response Procedure (AGLM-HSE-PRO-007.08)
- AGLM, 2025, Liddell Future Land Use and Enabling Works Liddell Ash Dam Bushfire Management Plan
- AGLM, 2025, Liddell Future Land Use and Enabling Works Community and Stakeholder Engagement Strategy
- AGLM, 2022, Corrective and Preventative Actions Procedure (AGLM-HSE-PRO-008.09)
- AGLM 2024, Emergency Response Management Plan (AGLM-HSE-PLN-010.02)
- AGLM, 2022, Environment Communications Procedure (AGLM-HSE-PRO-008.06)
- AGLM, 2022, Environment Training (AGLM-HSE-FRM-008-05)
- AGLM, 2024, Incident, Near Miss and Hazard Management Procedure (AGL-HSE-PRO-011.1.1)
- AGLM, 2019, Environmental Audits and Inspections (AGLM-HSE-FRM-008.08.3)
- AGLM 2024, Pollution Incident Response Management Plan (AGLM-HSE-PLN-010.02)
- AGLM, 2025, Stage 1 Environmental Management Strategy
- AGLM, 2025 Stakeholder and Communications Management Plan
- CMA, 2025, Liddell Future Land Use and Enabling Works Asbestos Management Sub Plan
- CMA, 2025, Liddell Future Land Use and Enabling Works Stage 1 Demolition Environmental Management Plan
- CMA, 2024, Liddell Future Land Use and Enabling Works Emergency Response Management Plan
- CMA, 2025, Liddell Future Land Use and Enabling Works Onsite Traffic Management Plan (Traffic Control Plan)
- GHD, 2023a, Liddell Future Land Use and Enabling Works – Environmental Impact Statement
- GHD, 2024, Liddell Future Land Use and Enabling Works Response to Submissions
- GHD, 2024, Liddell Future Land Use and Enabling Works Amendment Report
- Jacobs, 2025, Liddell Future Land Use and Enabling Works Dust Management Sub Plan
- Jacobs, 2025, Liddell Future Land Use and Enabling Works Noise and Vibration Management Plan
- Jacobs, 2025, Liddell Future Land Use and Enabling Works Traffic Management Plan
- Kleinfelder, 2025, Liddell Future Land Use and Enabling Works Biodiversity Management Plan



Ramboll, 2025, Liddell Future Land Use and Enabling Works Soil and Water Management Sub Plan



Appendix 1 – DPHI approval for staging of plans



Appendix 2 – EMS Consultation and DPHI Approval



Appendix 3 – Environmental Risk Assessment



Appendix 4 – Noise and Vibration Management Plan



Appendix 5 – Traffic Management Plan