



GM³

a mining and metals company

Appin Mine Environmental Management Strategy

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Document Revisions

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1. Introduction

Appin Mine incorporates the underground mining operations, which extract coal from the Bulli Seam, and associated surface activities, including the West Cliff Coal Preparation Plant (WCCPP) and Coal Wash Emplacement Area (CWEA). Appin Mine is located approximately 25 kilometres (km) north-west of Wollongong in New South Wales (See Plan 1). Appin Mine is owned and operated by Endeavour Coal Pty Ltd, a subsidiary of Illawarra Coal Holdings Pty Ltd (ICHPL), which is a wholly owned subsidiary of Gear M Illawarra Met Coal Pty Ltd.

Appin Mine, Cordeaux Colliery and Dendrobium Mine (and associated facilities) are collectively operated by GM³.

Run-of-Mine (ROM) coal is extracted from the Appin underground mining operations and delivered directly to the WCCPP by winder and conveyor or is transported from the Appin East Pit Top via truck along Appin and Wedderburn Roads to the WCCPP. Processed coal (clean coal product) from the WCCPP is transported by road to the Port Kembla Coal Terminal (PKCT) for shipping to domestic and international customers, or to BlueScope Steel or other local customers.

The coal wash generated as part of the washing process is emplaced at the purpose-built emplacement area located at Appin North.

Activities associated with Appin Mine are undertaken within the existing mining tenements Consolidated Coal Lease (CCL) 724 and CCL 767, Coal Lease (CL) 381 and CL 388, Mining Leases (ML) 1382, 1433, 1473, 1574, 1678, 1698, 1832 and 1847 and Mining Purposes Lease (MPL) 200 and MPL 201.

In September 2009, ICHPL submitted an Environmental Assessment (EA) for its Bulli Seam Operations (BSO) Project to the then NSW Department of Planning and Infrastructure (DoPI) for the continuation of existing underground coal mining operations for Appin Mine and West Cliff Mine. In October 2010, ICHPL submitted a Preferred Project Report (PPR) to the Secretary of the Department requesting that the North Cliff, Area 2 and the majority of the Area 3 mining domains be removed from the BSO Project Application. This resulted in removal of most of the proposed mining beneath the Dharawal State Conservation Area and all 226 upland swamps previously identified within the Application Area.

The Company submitted a PPR Amendment in October 2011 which addressed changes to the Application Area which substantially relate to the proposed declaration of the Dharawal National Park.

ICHPL received Project Approval 08_0150 (the Project Approval), from the Planning Assessment Commission of NSW under delegation of the Minister for Planning and Infrastructure on 22 December 2011 for current and proposed mining at Appin Mine for the next 30 years, and production of up to 10.5 million tonnes per annum of ROM coal. This approval incorporates underground mining, transport and coal wash emplacement activities undertaken 24 hours a day, seven days per week.

This Environmental Management Strategy (EMS) has been prepared to meet the requirements of Condition 1 of Schedule 6 of the Project Approval, as modified.

1.1 EMS Objectives

The objectives of the EMS are to:

- a) provide the strategic framework for environmental management at Appin Mine;
- b) identify the statutory approvals that apply to the project;
- c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;
- d) describe the procedures that would be implemented to:
 - keep the local community and relevant agencies informed about the operation and environmental performance of the project, including a specific community and stakeholder notification and engagement strategy during the construction and operation of the Appin Mine Ventilation and Access (AMVA) Project Site.
 - receive, handle, respond to, and record complaints;
 - resolve any disputes that may arise during the course of the project;
 - respond to any non-compliance;
 - respond to emergencies; and
- e) include:
 - references to all relevant strategies, plans and programs approved under the conditions of the Project Approval; and
 - a clear plan depicting all the monitoring required to be carried out under the conditions of this approval.

Appendix 1 outlines the Project Approval conditions in relation to the EMS and the relevant sections in the EMS where relevant conditions are addressed.

1.2 EMS Purpose

The purpose of the EMS is to provide the framework for environmental management across Appin Mine in accordance with:

- the Project Approval;
- ISO 14001 Environmental Management Standard; and
- legislative and other statutory requirements.

1.3 Scope

The scope of the EMS includes the following sites, facilities, surface activities and mining areas:

- Appin West Pit Top, located on Douglas Park Drive. This is the primary access and egress point for personnel and materials into Appin Mine. Ventilation Shaft 6 (upcast) is located in Douglas Park and Ventilation Shafts 7 (downcast) and 8 (upcast) (the AMVA Project) are located near Menangle¹. Douglas Park Substation is located on Moreton Park Road.

¹ Construction commenced FY23 and is expected to be completed in FY26.

- Appin East Pit Top, located adjacent to Appin Village. This is a secondary access and egress point for personnel and materials into Appin Mine. Ventilation Shafts 1 (downcast), 2 (upcast) and 3 (downcast) are located in the vicinity.
- Appin North Pit Top, located off Wedderburn Road. This site is an alternative access and egress point for personnel and materials into Appin Mine.
- WCCPP, located on Wedderburn Road. This facility washes RoM coal extracted from the Appin underground mining operations, that is delivered by winder and conveyor or is transported from the Appin East Pit Top via truck along Appin and Wedderburn Roads. Ventilation Shaft 1 (downcast) is located at this site.
- CWEA, located at the Appin North site, that receives coal wash from the WCCPP and from the Dendrobium Coal Preparation Plant (DCPP) where alternative beneficial uses are not available.
- Surface gas drainage and other surface works.
- Underground mining areas (currently operating in Areas 7 and 9).
- North Cliff Pit Top (Shafts 1 and 2) and Bulli shafts 1, 2 and 3 (rehabilitation activities only).

Methane extracted from the underground workings is utilised to generate electricity at two power stations operated by Energy Developments Limited (EDL). One station is located at Appin West and the second station is located adjacent to Ventilation Shafts 1/2 in the vicinity of Appin East. The power stations operate under their own Environment Protection Licences (EPL).

The submission of strategies, plans or programs required under the Project Approval may be submitted on a progressive basis with the approval of the Planning Secretary.

1.4 Environmental Management System

ICHPL has a comprehensive Environmental Management System in place to minimise the impact of its operations on the local environment and community. The EMS is a component of the Environmental Management System which is certified to ISO 14001:2015.

1.5 Consultation

Consultation was undertaken as part of Version 2 review of the EMS with the Wollondilly Shire Council (WSC). The comments from the consultation process have been incorporated into this version of the EMS.

Appendix 4 outlines comments from the relevant government agencies following consultation and the ICHPL response.

Consultation with agencies as stated in Condition 1 of Schedule 6 will only be undertaken where there is a material change to environmental management at Appin Mine or if specifically requested by DPE. Administrative or descriptive changes do not constitute a material change.

2. Roles and Responsibilities

Roles and responsibilities associated with environmental management at Appin Mine are defined in the EMS.

Table 1 outlines the roles and responsibilities associated with the implementation and periodic review of the EMS.

Table 1: Roles and Responsibilities

Role	Responsibilities and Accountabilities	Authorities
Site General Manager	Provide operational resources to site personnel to effectively implement and maintain the EMS.	Make changes to the plant, stop or suspend operations as required to meet environmental obligations.
Superintendent Environment	<p>Implement environmental management strategies, plans, programs and associated procedures in accordance with the requirements of this EMS and other external requirements.</p> <p>Provide leadership and support to the ICHPL Environment Team to effectively implement and maintain the EMS.</p>	<p>Make recommendations to suspend operations as required to meet environmental obligations.</p> <p>Liaise with Government authorities regarding environmental matters on behalf of the operations.</p> <p>Implement any additional environmental controls as necessary to meet environmental obligations.</p>
Specialist Environment	<p>Implement environmental management strategies, plans, programs and associated procedures.</p> <p>Advise, coach and mentor operational personnel with respect to meeting the standards and requirements of the EMS and associated management plans.</p> <p>Monitor and review compliance against these requirements.</p> <p>Undertake monitoring as required.</p>	<p>Liaise with operations personnel to implement corrective actions.</p> <p>Implement any additional environmental controls as necessary to meet environmental obligations.</p>
General Manager Sustainability and Approvals	Manage approval outcomes in mining and surface areas at a high standard that is consistent with ICHPL requirements and approval conditions.	<p>Environmental Assessments, monitoring and reporting for mining areas, surface facilities and infrastructure.</p> <p>Approval applications for mining activities.</p> <p>Liaise with Government and other stakeholders on approvals.</p>
Corporate Affairs Team	Develop strategies and consistent approaches to address community consultation and media enquiries.	Facilitate and implement consultation and communication strategies for all stakeholders including community and employees.

	<p>Implement the Stakeholder Engagement Management Plan.</p> <p>Provide access to information as required by approvals.</p> <p>Respond to and manage complaints.</p>	<p>Liaise with operations personnel to implement corrective actions in response to complaints.</p>
Superintendent Infrastructure Protection	<p>Manage approval outcomes in mining and surface areas at a high standard that is consistent with ICHPL requirements and approval conditions.</p>	<p>Assessments, monitoring and management for infrastructure in mining areas.</p> <p>Report infrastructure impacts and management to Government.</p>

3. Legislation and Planning

3.1 Project Approval Conditions

All activities carried out at Appin Mine will be in accordance with the conditions of the Project Approval, in accordance with any written directions of the Planning Secretary and generally in accordance with the Environmental Assessment (EA), Statement of Commitments and Preferred Project Report.

Appendix 1 outlines the environmental management requirements of the Project Approval and references where the requirements have been addressed within the EMS.

3.2 Environment Protection Licence Requirements

EPL 2504 applies to Appin Mine and associated activities. A copy of the licence can be accessed at the EPA website: [link](#).

3.3 Mining Leases

Appin Mine operates in accordance with the following mining leases:

Consolidated Coal Lease (CCL) 724 and CCL 767, Coal Lease (CL) 381 and CL 388, Mining Leases (ML) 1382, 1433, 1473, 1574, 1678, 1698, 1832 and 1847 and Mining Purposes Lease (MPL) 200 and MPL 201; and

- in accordance with Schedule 8A Standard conditions of mining leases of the *Mining Regulation 2016*.

3.4 Environment Protection and Biodiversity Conservation Act Approvals

The following Environmental Protection and Biodiversity Conservation (EPBC) Act Approvals have been granted for Appin Mine:

- EPBC Approval 2010/5722 for the Appin No. 6 Ventilation Shaft; and
- EPBC Approval 2010/5350 for the BSO Project.

3.5 Other Approvals

Various approvals required under the mining lease associated with land use and environmental impacts. An Extraction Plan (EP) must be prepared and approved by the Department and be to the satisfaction of the Planning Secretary.

Updates to the list of approvals, licences, leases and/or permits are provided annually via the Annual Review which is made available on the GM³ website.

Supplementary approvals are progressively obtained in accordance with the requirements of the conditions of existing mining tenements.

3.6 Other Relevant Legislation

Key regulatory and other obligations applicable to Appin Mine are managed via an online obligations management database. The obligations are allocated to responsible personnel. This process is detailed in the Environmental Compliance/Conformance Assessment and Reporting Procedure.

Acts and Regulations are applicable to mining operations within the approved Appin mining domains and the operations of Appin Mine. These may include, but are not limited to, the:

- *Contaminated Land Management Act, 1997;*
- *Environmental Planning and Assessment Act, 1979;*
- *Environmental Protection and Biodiversity Conservation Act, 1999;*
- *Protection of the Environment Operations Act, 1997 (POEO Act);*
- *Protection of the Environment Operations (General) Regulation, 2021 (POEO Regulation);*
- *Protection of the Environment Operations (Waste) Regulation, 2014;*
- *Biodiversity Conservation Act, 2016;*
- *Heritage Act, 1977;*
- *Mining Act, 1992;*
- *Mining Regulation, 2016;*
- *Coal Mine Subsidence Compensation Act, 2017;*
- *National Parks and Wildlife Act, 1974;*
- *Biosecurity Act, 2015;*
- *Dangerous Goods (Road and Rail Transport) Act, 2008;*
- *Roads Act, 1993;*
- *Water NSW Act, 2014;*
- *Crown Lands Management Act, 2016;*
- *Dams Safety Act, 2015;*
- *Energy and Utilities Administration Act, 1987;*
- *Fisheries Management Act, 1994;*
- *Waste Avoidance and Resource Recovery Act 2001;*
- *Water Act, 1912;*
- *Water Management Act, 2000;*
- *Work Health and Safety (Mines and Petroleum Sites) Act, 2013;*
- *National Greenhouse and Energy Reporting Act, 2007;*
- *Local Land Services Amendment Act, 2016; and*

- *Corporations Act, 2001.*

Relevant licences and approvals required under applicable Acts will be obtained as required.

3.7 Guidelines and Standards

This EMS has been developed to be consistent with the principles of the following:

- ISO 14001:2015 Environmental Management Systems; and
- GM³ Sustainability Policy.

Other relevant guidelines include:

- Community Consultative Committee Guidelines: State Significant Projects (2023) (available [here](#));
- Independent Audit Post Approval Requirements ([link](#)); and
- Guideline: Pollution Incident Response Management Plans (2022), published by the EPA.

More detail on applicable guidelines has been included in each management plan.

4. Environmental Management Framework

Environmental management strategies, plans, and programs for Appin Mine have been developed to comply with legislative, corporate and ISO 14001 certification standards. These strategies, plans and programs are subject to regular auditing and review and are used to provide site personnel and management with specific environmental management guidelines relative to the operation with which they are involved.

An overview of the Environmental Management Framework relevant to Appin Mine is shown in Figure 1.

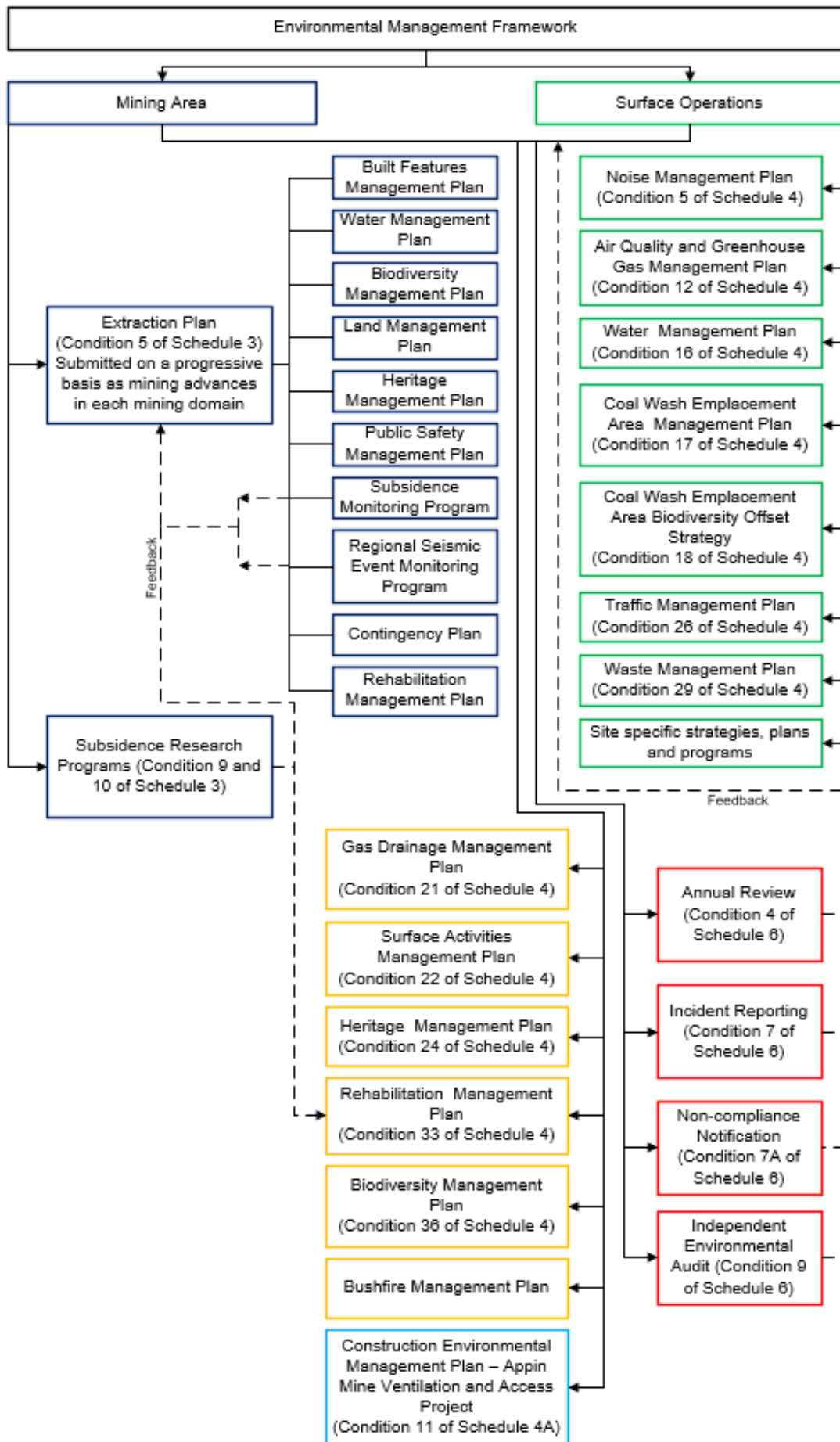


Figure 1: Environmental Management Framework

Plans and monitoring programs identified in Figure 1 outline the environmental monitoring and management practices for the mining areas, surface facilities and extended site and other components under the Project Approval and EPL 2504.

A summary of monitoring undertaken under the management plans is provided in Appendix 2. Copies of the approved management plans are available on the GM³ website, accessible via this [link](#).

The Source-Pathway-Receptor model (Figure 2) will be utilised for the identification of relevant environmental hazards and risks, that will be detailed in the relevant management plan.

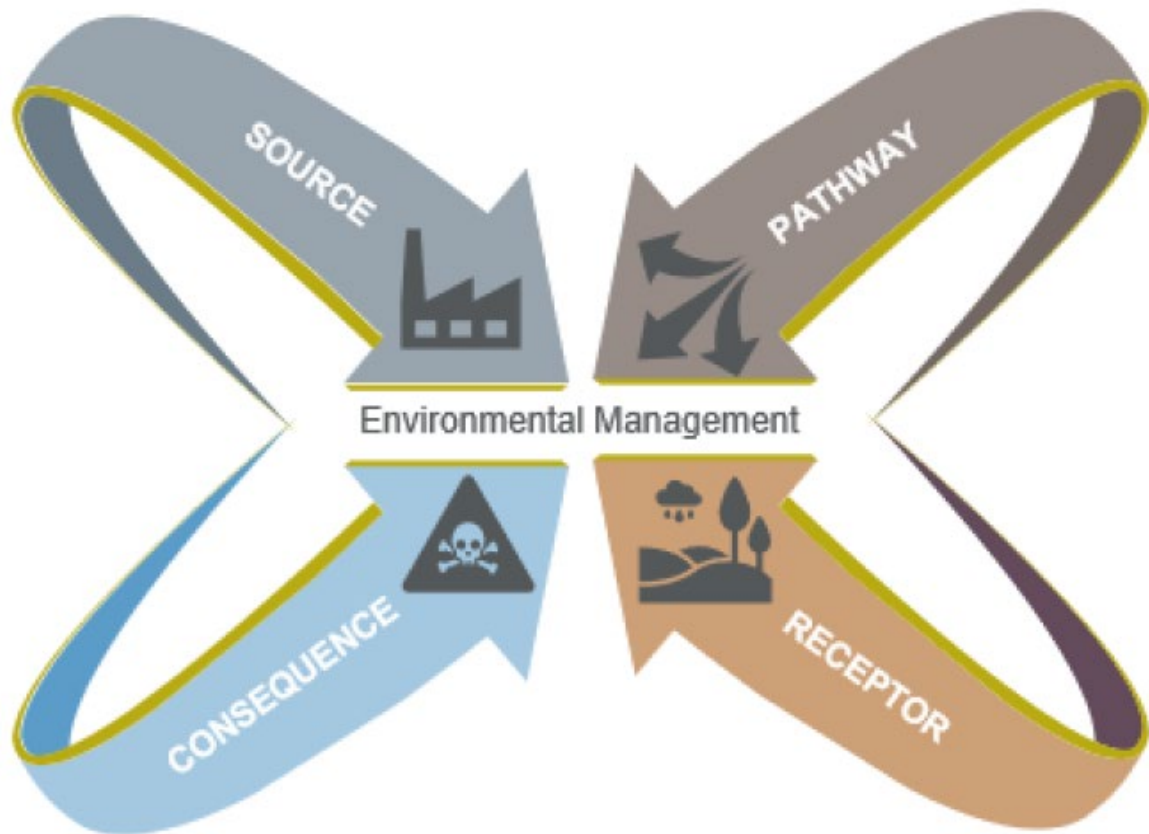


Figure 2: Source-Pathway-Receptor Model

All reasonable and feasible measures will be implemented to prevent and/or minimise harm to the environment from construction, operation or rehabilitation activities associated with Appin Mine.

Current and proposed monitoring locations under the conditions of the Project Approval and EPL 2504 for the Appin surface and underground mining domains are provided in Plan 2, Plan 3, Plan 4, Plan 5 and Plan 6.

5. Communication

5.1 Internal and External Communications

Internal and external communications are performed in accordance with the Stakeholder Engagement Management Plan (SEMP). The plan is consistent with the relevant GM³ policies as well as ISO 14001 requirements. The plan identifies key stakeholders and appropriate communication and consultation processes.

Key stakeholders include:

- local communities in the vicinity of Appin Mine operations;
- local and state government agencies and authorities;
- employees and contractors;
- local and regional business groups;
- community groups;
- residents potentially impacted by Appin Mine operations;
- indigenous community – Illawarra Local Aboriginal Land Council, Tharawal Local Aboriginal Land Council and others;
- local schools and volunteer groups; and
- broader regional community.

Community information is provided through, but not limited to, the following mechanisms:

- community information sheets and letter box drops;
- media releases and other media activities;
- direct engagement with community members including affected landholders;
- briefings with local government, business and community groups;
- bi-monthly meetings with regulatory and non-regulatory community groups;
- general community surveys and reports;
- internal GM³ publications for employees;
- start of shift briefings and toolbox talks – delivered to employees and contractors as required;
- quarterly newsletters distributed to the community;
- GM³ website (<https://gm-3.com.au/> and <https://community.gm-3.com.au/>);
- Annual Review (Condition 4 of Schedule 6 of the Project Approval); and
- information drop-in sessions.

GM³ coordinates the following stakeholder committees and working groups:

- Appin Mine Community Consultative Committee (ACCC);
- Community Partnerships Program (CPP); and
- Menangle Advisory Panel (MAP) (established for AMVA Project).

ICHPL's community consultation and communication is guided by the SEMP. The SEMP details the strategies used by GM³ with regard to social and community management and stakeholder engagement in the areas in which ICHPL operates. GM³ acknowledges that commitment to a systematic approach is required to achieve sound social performance and best practice community relations. Such a system provides consistency so that stakeholder engagement is addressed through the allocation of appropriate resources, assignment of responsibilities and ongoing evaluation of practices, procedures and processes.

To verify these mechanisms are working effectively and that stakeholder engagement strategies are meeting both GM³ and stakeholder requirements, evaluation methods are also employed. Such evaluation is informed primarily by community and stakeholder surveys, but also community enquiries / feedback / complaints, community committees, information forums or other similar communications and engagement mechanisms.

Community Perception Surveys are planned to be undertaken every three (3) years to gauge the sentiment of the communities and key influential stakeholders and evaluate the effectiveness of the community consultation/communication strategies employed.

The effectiveness of engagement both through the ACCC and MAP and through community notification campaigns is regularly reviewed. Feedback is provided from members on their concerns, interests and on the quality of engagement and the engagement strategy is adjusted according to feedback and on the basis of the operational, environmental and community related activities being undertaken.

The effectiveness of communication strategies is also reviewed on an ongoing basis, particularly following the implementation of an engagement strategy. A lag indicator is the number of complaints received, in particular for project activities.

The SEMP is nominally reviewed every three (3) years.

5.2 Appin Mine Community Consultative Committee

In accordance with Condition 6 of Schedule 6 of the Project Approval, ICHPL has established and operates the ACCC². The ACCC is operated in accordance with the Community Consultative Committee Guideline for State Significant Projects (January 2019, or its latest version), and has been operating since September 2012.

The ACCC provides a forum that enables regular two-way communication between GM³ and the community/stakeholders and promotes open discussion on Appin Mine operations. The basis of discussion includes information on mining operations, environmental performance of the mine, community relations activities, and issues/outcomes as they arise during mining activity. Topics discussed in the meeting generally reflect community concerns and interests at the time. Site visits are used to further increase the ACCC's collective knowledge of ICHPL's operations.

The ACCC nominally comprises 11 members including representatives of ICHPL, local councils, local community and other key stakeholders who have an interest in ICHPL's operations and the potential impacts of mining in the area. The committee is chaired by an independent chairperson, who is appointed by the Planning Secretary. Formal meetings are generally held every two (2) months with additional site visits and extraordinary meetings as required.

5.3 Access to Information

In accordance with Condition 11 of Schedule 6 of the Project Approval, ICHPL makes the following documents publicly available on the GM³ website:

- documents referred to in Condition 2 of Schedule 2 (EA, Statement of Commitments, PPR and the Project Approval);
- all current statutory approvals for the project;
- all approved strategies, plans and programs required under the conditions of this approval;
- a comprehensive summary of the monitoring results of the project;
- a complaint register, updated on a monthly basis;

² Previously Illawarra Coal Community Consultative Committee (ICCCC)

- minutes of CCC meetings;
- the Annual Reviews of the project;
- any independent environmental audit of the project, and the ICHPL response to the recommendations in any audit; and
- any other matter required by the Planning Secretary.

ICHPL is responsible for keeping the above information up to date, to the satisfaction of the Planning Secretary. Where privacy of information is requested or required from external parties or considered commercial in confidence, the related strategies, plans and/or programs (or portions of these documents) will not be available to the public.

Only the latest approved versions of Management Plans will be provided on the website.

Documents showing the location or photos of Aboriginal heritage sites will have these plans/photos redacted as requested by the local Aboriginal community.

5.4 Community and Stakeholder Notification - AMVA Project

A Community and Stakeholder Engagement Strategy (CSES) was developed to outline the external stakeholder implications of executing the AMVA Project, and to guide activities associated with the stakeholder engagement and management during the key stages of the Project. These stages are outlined in Table 2.

Table 2: Stakeholder Engagement - AMVA Project

Project phase	Project/approval milestone	Key details to community	Status
Preliminary phase 1	Notification to the Department	Conceptual design.	Complete
Preliminary phase 2	Prefeasibility – feasibility (internal)	Project design confirmed.	Complete
Government approvals	Modification Report prepared and submitted to the Department Submissions Report issued Approval granted	Public exhibition of Modification Report. Informing responses to submissions. Approval granted.	Complete
Construction	Ventilation shaft sinking commences	Construction timeline, impacts etc.	In progress
Operation	Ventilation shaft complete and operational	Ongoing engagement as needed.	

This CSES outlines:

- Project Description.
- Level of consultation to be undertaken.
- Key stakeholders.
- Potential issues, risks and mitigation activities.
- Potential consultation and communication activities to ensure effective, relevant and timely input from stakeholders and the community.

The CSES provides an overview of the above key points and is not intended to define or restrict specific engagement activities. Rather, is an iterative document that will be updated as the AMVA Project progresses. The engagement plan outlined in the CSES will be implemented during the construction and operational phases of the Project.

Information distributed to the community and other stakeholders will detail pertinent construction information (e.g. progress, traffic disruptions and controls, out of hours works etc.) and continue in a similar capacity during operations. Information will be provided through a range of channels which include:

- Community newsletters, letterbox drops, and group tours.
- ACCC.
- MAP.
- CPP.
- Content repository on the GM³ website.

ICHPL accommodates other requests for technical information and project updates based on the interests and concerns of members.

Complaints associated with the AMVA Project will be managed as detailed in Section 5.5.

5.5 Complaints and Dispute Resolution

GM³ has a 24-hour, free call community hotline number (1800 102 210) and email address (community@gm3.au) through which all complaints and general enquiries regarding environmental or community issues associated with ICHPL's operations can be reported. Community complaints and enquiries may also be received in person by any employee of GM³, with details to be shared with the relevant operations personnel for investigation as soon as reasonably practical.

All complaints and enquiries received in relation to Appin Mine will be managed in accordance with the Handling Community Complaints, Enquiries and Disputes Procedure.

Upon receipt of a community complaint, preliminary investigations will commence as soon as practicable to determine the likely cause of the complaint. The complainant will receive an acknowledgement of their complaint within 24-hours of its submission. A follow up response will be provided as soon as practicable after a detailed investigation has been completed.

A summary of all complaints received during the reporting year is provided as part of the Annual Review. A log of complaints is also maintained on the GM³ website at [link](#).

In the event that an issue cannot be resolved between the ICHPL representative and complainant, the issue is escalated within ICHPL. The escalation of the issue is aligned with the risk associated with the nature of the complaint.

In the event that the matter remains unresolved, it may be appropriate that the matter be taken to third-party mediation (e.g. Subsidence Advisory NSW, the Department, EPA or other relevant agencies) in order to achieve an outcome.

6. Events, Non-Compliance, Corrective Action and Preventative Action

Events, non-compliances, corrective actions, and preventative actions are managed in accordance with the Reporting and Investigation Standard and Environmental Compliance/Conformance Assessment and Reporting Procedure. These procedures, which relate to all ICHPL operations, detail the processes to be utilised with respect to event

reporting and identification of non-conformances, the application of appropriate corrective action(s) to address non-conformances and the establishment of preventative actions to avoid non-conformances.

The key elements of the process include:

- identification of events, non-conformances and/or non-compliances;
- recording of the event, non-conformance and/or non-compliance in the event management system (G360);
- evaluation/investigation of the event, non-conformance and/or non-compliance to determine specific corrective and preventative actions;
- assigning corrective and preventative actions to responsible persons in G360; and
- review of corrective actions to verify the status and effectiveness of the actions.

Incidents, exceedances and non-compliances will be reported to all relevant stakeholders as detailed in Section 9.

7. Risk Management

An Aspects and Impacts Register has been developed that is reviewed on at least an annual basis. The Aspects and Impacts Register details the processes and activities undertaken at Appin Mine and the aspects associated with these activities, including the causes, impacts and controls (both mitigating and preventative).

Examples of aspects included in the Aspects and Impacts Register are provided in Table 3.

Table 3: Aspect Groups and Aspects

Aspect Group	Aspects
Hazardous materials management	Spills
Noise management	Noise emissions
Water management	Water availability, water use, aquifer interference, discharge of contaminants, licencing
Waste management	Incorrect disposal, incorrect treatment, loss of containment
Lighting	Light nuisance
Community	Community outrage
Land management	Damage to infrastructure, failure of rehabilitation, land movement, weed invasion/spread, unauthorised clearing
Greenhouse gas management	Greenhouse gas emissions
Dust management	Dust emissions

More detail is included in the relevant management plan on how these aspects are managed.

Controls are identified in accordance with the hierarchy of controls. The controls available, ranked from the highest level of protection and reliability, include:

- Elimination.
- Substitution.
- Engineering.
- Administrative.

The hierarchy of controls applied to environment and climate change aspects is provided in Appendix 3.

Risks are documented, maintained and managed in G360.

8. Emergency Response

The Emergency Response Control Plans for Appin Mine and the WCCPP detail the actions required during an emergency and, in particular, in the early stages of an emergency. They also define the organisational structure during an emergency and the duties to be carried out by members of the Incident Management and Incident Support Teams.

The key emergency response document for Appin Mine in relation to environmental incidents is the Pollution Incident Response Management Plan (PIRMP) for EPL 2504.

The PIRMP has been prepared in accordance with Part 5.7A Section 153A and 153C of the *POEO Act* and Chapter 4 Section 71, 72 and 73 of the *POEO Regulation*.

The objectives of the PIRMP (as per the EPA's Guideline: Pollution Incident Response Management Plans dated 2022) are to:

- minimise the risk of a pollution incident occurring as a result of licensed activities, by identifying risks and the actions proposed to minimise and manage those risks;
- have established clear and effective notification, action and communication procedures to ensure the right people are notified, warned and quickly provided with updates and information they may need to act appropriately, including people who may need to be involved in incident responses – including staff at the premises; the EPA; and other relevant authorities (such as Fire and Rescue NSW, NSW Health and local councils) and industrial, commercial and residential neighbours and other members of the community; and
- have appropriately trained staff and up-to-date incident management information available to ensure the potential impact of a pollution incident is minimised.

The PIRMP is tested at least once every 12 months to verify that the information contained within the plan is accurate and up to date, and that the plan is capable of being implemented in a workable and effective manner.

The PIRMP for EPL 2504 is available on the GM³ website at [link](#).

9. Reporting and Review

9.1 Reporting

9.1.1 Annual Review

ICHPL will report on the environmental performance of Appin Mine in the Annual Review.

The Annual Review is prepared in accordance with the requirement of Condition 4 of Schedule 6 of the Project Approval and is submitted to relevant agencies in September each year. Annual Reviews are made available to the general public via the GM³ website.

The Annual Review will include:

- monitoring results and comparison to relevant statutory requirements, limits or performance measures/criteria, requirements of the relevant management plan, monitoring results of previous years and relevant predictions in the EA;
- identification of trends in monitoring data over the life of the project;
- identification of any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies;
- identification of any non-compliance over the past financial year, and describe what actions were (or are being) taken to achieve compliance;
- complaints and management/mitigation measures undertaken;
- management/mitigation measures undertaken in the event of any confirmed exceedance of criteria for particulate matter;
- review of the performance of management/mitigation measures and the monitoring program; and
- a description of what measures will be implemented over the next financial year to improve the environmental performance of the project.

9.1.2 Public Reporting of Results (via website)

A summary of the monitoring results, including details of exceedances and non-compliances, will be provided on the GM³ website in the 14 day report: [link](#).

Results provided in the 14-day Report will be summarised and submitted to the EPA in the Annual Return for EPL 2504.

9.1.3 Annual Return

Environmental performance of Appin Mine operations under Condition R1 of EPL 2504 is reported through the Annual Return required under EPL 2504.

9.1.4 Other Reporting

Other reporting required under various licences, approvals and legislation is documented in the Environmental Compliance/Conformance Assessment and Reporting Procedure. This includes but is not limited to:

Annual Statement of Compliance.

- Annual Rehabilitation Report.
- Biobanking Site Annual Reports.
- EPBC Approval Compliance Report.
- Annual Coal Wash Emplacement Area Monitoring Report.
- Ventilation Shaft 6 Offset Annual Monitoring Report.
- Annual *Persoonia hirsuta* Condition Monitoring Report.
- National Greenhouse and Energy Report.
- National Pollutant Inventory.
- Sewage Treatment Plant Reports.

- Australian Sustainability Reporting Standards – Disclosure of Climate-related Financial Information.

9.2 Incident, Non-compliance and Exceedance Notifications

9.2.1 Notification of Incidents – Government Agencies

In accordance with Condition 7 of Schedule 6 of the Project Approval, the Planning Secretary is to be notified via the Major Projects portal within 24 hours after becoming aware of an incident³. In accordance with Condition 7AA of Schedule 6, a subsequent incident report is to be provided in accordance with the requirements set out in Appendix 7 of the Project Approval within seven (7) days of the initial notification. Notification to the EPA will also be undertaken in accordance with the reporting requirements of the Pollution Incident Response Management Plan (if applicable) or via email/phone.

9.2.2 Notification of Non-compliances – Government Agencies

In accordance with Condition 7A of Schedule 6 of the Project Approval, the Planning Secretary must be notified in writing via the Major Projects website within seven (7) days after becoming aware of a non-compliance⁴.

The EPA is also to be notified of the non-compliance (via email).

Non-compliances with the Aboriginal Cultural Heritage Management Plan or an Aboriginal Heritage Impact Permit require reporting to the EPA Environment Line (131 555).

9.2.3 Notification of Criteria Exceedances – Landowners

In accordance with Condition 1 of Schedule 5 of the Project Approval, where an exceedance of criteria (in Schedule 4) due to operational activities has been confirmed, the affected landowners will be notified in writing of the exceedance as soon as practicable and no longer than seven (7) days following confirmation of the exceedance. Notifications of exceedances is to be undertaken prior to inclusion in the 14-day report.

Regular monitoring results will be provided to each affected landowner until compliance with criteria is achieved. In addition, a copy of the NSW Health fact sheet entitled [Mine Dust and You](#) is to be provided to the affected landowners and/or existing tenants of the land (if the exceedance is related to air quality impact criteria).

Additional targeted monitoring and analysis at the affected landowners' premises may be required to verify exceedances of criteria attributable to Appin Mine.⁵

The CCC and MAP will also be advised of exceedances of criteria at the next available meeting.

³ The definition of an incident in the Project Approval is “An occurrence or set of circumstances that causes or threatens to cause material harm to the environment, and as a consequence of that environmental harm, may cause harm to the health and safety of human beings, and which may or may not be or cause a non-compliance”.

⁴ A non-compliance that has been notified as an incident does not need to also be notified as a non-compliance.

⁵ Refer to specific management plans for monitoring programs.

9.3 Revision of Strategies, Plans and Programs

In accordance with Condition 5 of Schedule 6 of the Project Approval, strategies, plans and programs required under the approval⁶ will be reviewed, and if necessary revised, within three (3) months, of:

- the submission of an Annual Review;
- the submission of an incident report;
- the submission of an Independent Environmental Audit (IEA) report; and
- any modification to the conditions of the Project Approval (unless the conditions require otherwise), or
- a direction of the Planning Secretary under Condition 4 of Schedule 2.

Outcomes from each review will be documented in the Management Plan Review Log (unless the EMS or other management plan is being updated as part of the review). Documents required under the Project Approval will only be resubmitted to the Department for approval where a material change to site operations or environmental management has occurred, or in accordance with the review period on the respective document. Administrative or descriptive changes do not constitute a material change.

Consultation with relevant external stakeholders will be undertaken in accordance with the relevant condition of the Project Approval. Details of feedback provided and consultation required are included the respective management plan.

Where a review triggers a revision of the EMS, the EMS will be revised and submitted to the Planning Secretary for approval. Once approved, the EMS will be uploaded to the GM³ website. The approved EMS will be implemented.

9.4 Audits

9.4.1 Independent Environmental Audit

In accordance with Condition 9 of Schedule 6 of the Project Approval, an IEA shall be commissioned every three (3) years, that will include a review of the strategies, plans and programs required under the approval. The report, together with the response to any recommendations contained in the audit report, and a timetable for the implementation of the recommendations, is required to be submitted to the Planning Secretary within six (6) weeks of completion of the audit, in accordance with Condition 10 of Schedule 6.

The IEA is also undertaken to comply with Condition 18 of EPBC Approval 2010/5350. A copy of the report is also submitted to the Commonwealth Department of Climate Change, Energy the Environment and Water to satisfy Condition 18 (g).

IEAs have been conducted every three (3) years since 2013, with the last IEA being conducted in 2022, with the next IEA to be conducted in 2025. Recommendations from the IEA will be incorporated into the EMS where appropriate.

⁶ This does not include documents submitted under an Extraction Plan, unless the Extraction Plan is modified, and a review of documents included in the Extraction Plan is requested by the Planning Secretary.

The audit is to be conducted and carried out in accordance with the Department's Independent Audit Post Approval Requirements.

9.4.2 ISO 14001

As part of the ISO 14001 certification, ICHPL maintains an environmental auditing and governance program across all of its operational sites. The program, which includes the use of competent internal and accredited external auditors, is an integral part of maintaining certification under the ISO 14001 standard.

A Governance Review process is in place which targets the environmental management system across the operational sites. The process has been designed to ensure ICHPL meets process and monitoring requirements as per the approved management plans and/or EPLs and identifies emerging trends in data to allow adaptive management processes to be enacted to minimise possibility of a non-compliance. The frequency of Governance Reviews is determined based on risk.

A summary of the audit and governance program, directly relevant to the environmental management at Appin Mine, is provided in Table 4.

Table 4: Audit Program - Appin Mine

Process Audit Type	Frequency
Internal (Environmental) – Management Plan Governance Checks	Minimum three (3) yearly. Risk based approach in accordance with the Aspects and Impacts Register or non-compliance issues.
Internal (Environmental) - EPL Monitoring data trend and compliance check	Every 14 days
External (Environmental) – ISO 14001 Surveillance	Every 12 months
External (Environmental) – ISO 14001 Recertification	Every three (3) years
External (Environmental) – IEA under Project Approval	Every three (3) years

10. Summary of Commitments

Commitment	Section in EMS
ICHPL will provide personnel and resources to implement the EMS.	Section 2
ICHPL will comply with the conditions of the Project Approval and relevant legislation.	Section 3
ICHPL will maintain internal and external communication channels.	Section 5
ICHPL will report and investigate complaints, incidents and exceedances of limits as required, and identify and implement corrective actions.	Section 9.2
ICHPL will respond to emergencies in accordance with relevant plans.	Section 8
ICHPL will undertake reporting as required.	Section 9
ICHPL will review the EMS as required.	Section 9.3
ICHPL will undertake audits as required.	Section 9.4

11. Acronyms

Term	Definition
AASB	Australian Accounting Standards Board
AMVA Project	Appin Mine Ventilation and Access Project
ASRS	Australian Sustainability Reporting Standards
BSO	Bulli Seam Operations
CCC	Community Consultative Committee
CCL	Consolidated Coal Lease
CL	Coal Lease
CSES	Community and Stakeholder Engagement Strategy
CWEA	Coal Wash Emplacement Area
DCPP	Dendrobium Coal Preparation Plant
Department	Department of Planning, Housing and Infrastructure (DPHI), formerly: <ul style="list-style-type: none"> • Department of Planning and Environment • Department of Planning, Industry and Environment • Department of Planning and Infrastructure
EA	Environmental Assessment
EDL	Energy Developments Limited
EMS	Environmental Management Strategy
EP	Extraction Plan
EPA	Environment Protection Authority
<i>EP&A Act</i>	<i>Environmental Planning and Assessment Act</i>
EPBC	Environmental Protection and Biodiversity Conservation
EPL	Environment Protection Licence
G360	Event reporting system
ICHPL	Illawarra Coal Holdings Pty Ltd
km	kilometre
ML	Mining Lease
MPL	Mining Purposes Lease

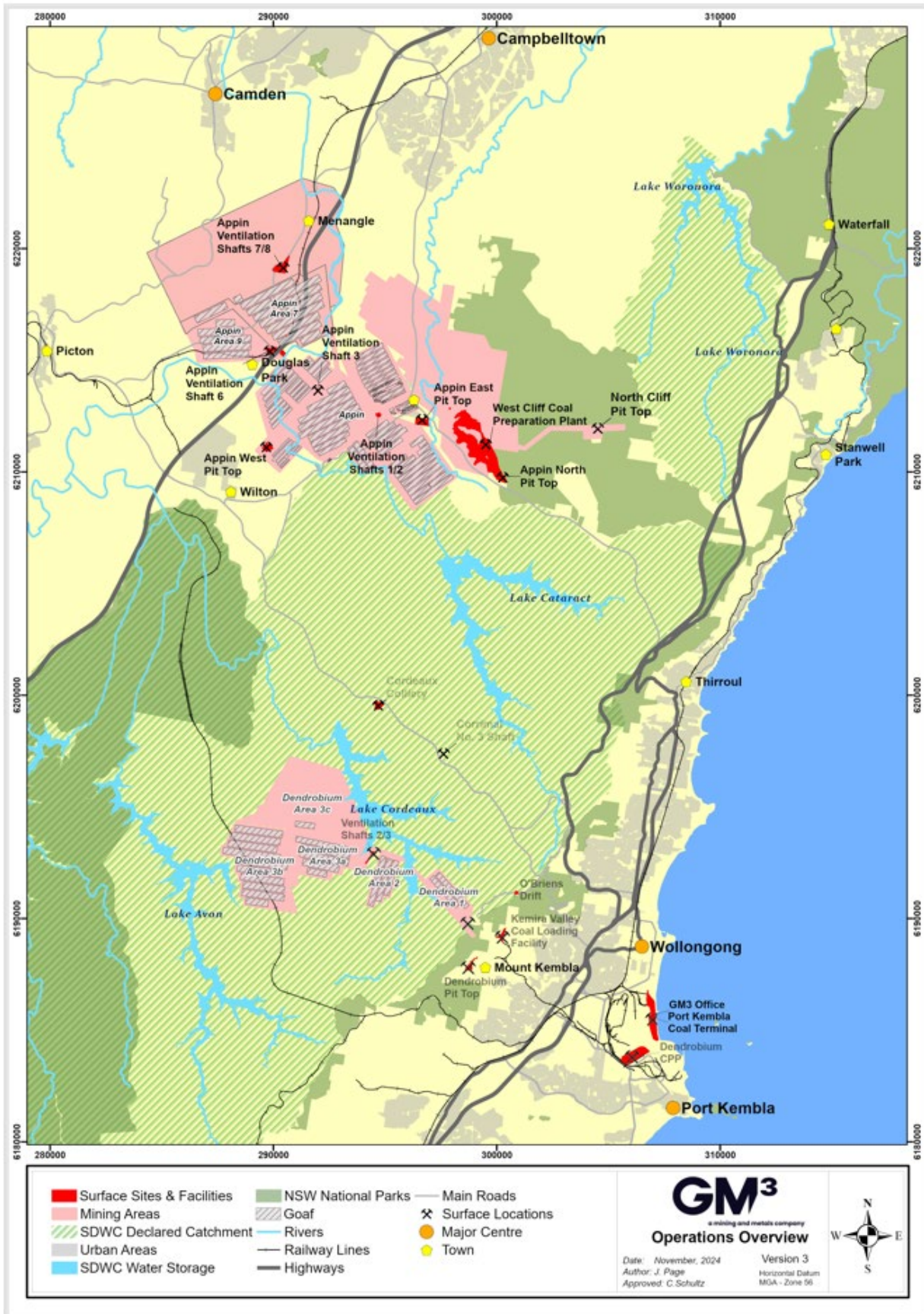
PIRMP	Pollution Incident Response Management Plan
PKCT	Port Kembla Coal Terminal
<i>POEO Act</i>	<i>Protection of the Environment Operations Act</i>
PPR	Preferred Project Report
WCCPP	West Cliff Coal Preparation Plant

12. References

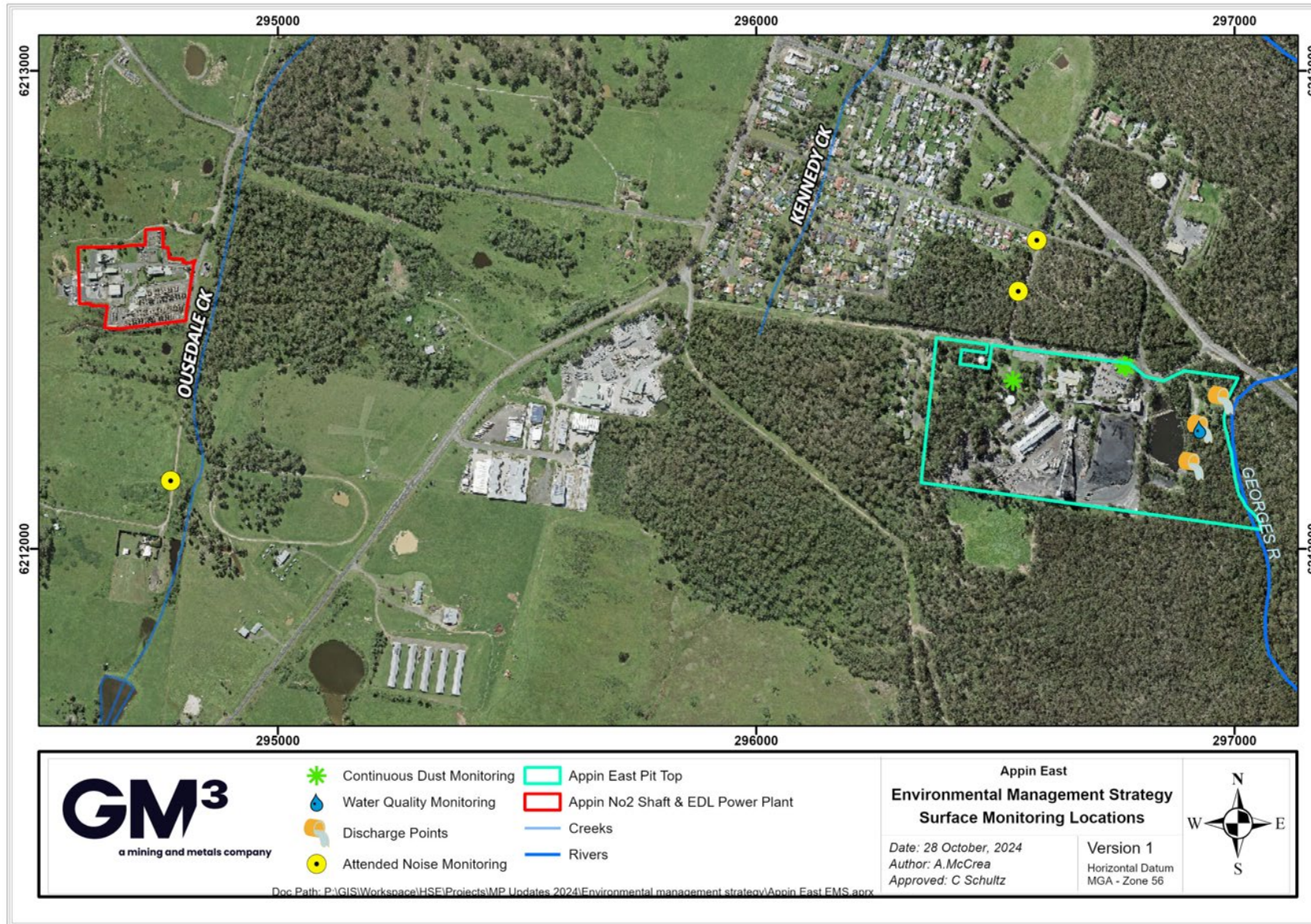
- BSO Project Approval (08_0150), as modified
- BSO Project Environmental Assessment 2009
- AMVA Modification Report ([link](#))
- Handling Community Complaints, Enquiries and Disputes Procedure (IMCP0112)
- Environmental Compliance/Conformance Assessment and Reporting Procedure (IMCP0186)
- ISO 14001:2015 Environmental Management Systems Standard
- Reporting and Investigation Standard (IMCSTD0069)
- Emergency Response Control Plan – Appin Mine (APNMP0005)
- Emergency Response Control Plan – West Cliff Coal Preparation Plant (WCPMP0009)
- Noise Management Plan (APNMP0113)
- Air Quality and Greenhouse Gas Management Plan (APNMP0112)
- Water Management Plan (APNMP0110)
- Coal Wash Emplacement Area Management Plan (WCPMP0019)
- Traffic Management Plan (APNMP0128)
- Waste Management Plan (APNMP0110)
- Gas Drainage Management Plan (APNMP0114)
- Surface Activities Management Plan (APNMP0129)
- Heritage Management Plan (APNMP0119)
- Aboriginal Cultural Heritage Management Plan - AMVA Project (APNMP0216)
- Rehabilitation Management Plan (APNMP0127)
- Biodiversity Management Plan (APNMP0115)
- Ventilation Shaft 6 Biodiversity Offset Strategy (APNMP0109)
- *Persoonia hirsuta* Offset Management Plan (APNMP0122)
- Extraction Plan LW 709 – 711 and LW 905
- Pollution Incident Response Management Plan – EPL 2504 (APNMP0124)
- Stakeholder Engagement Management Plan (IMCMP0016)
- AMVA Project CEMP (APNMP0131)

13. Plans

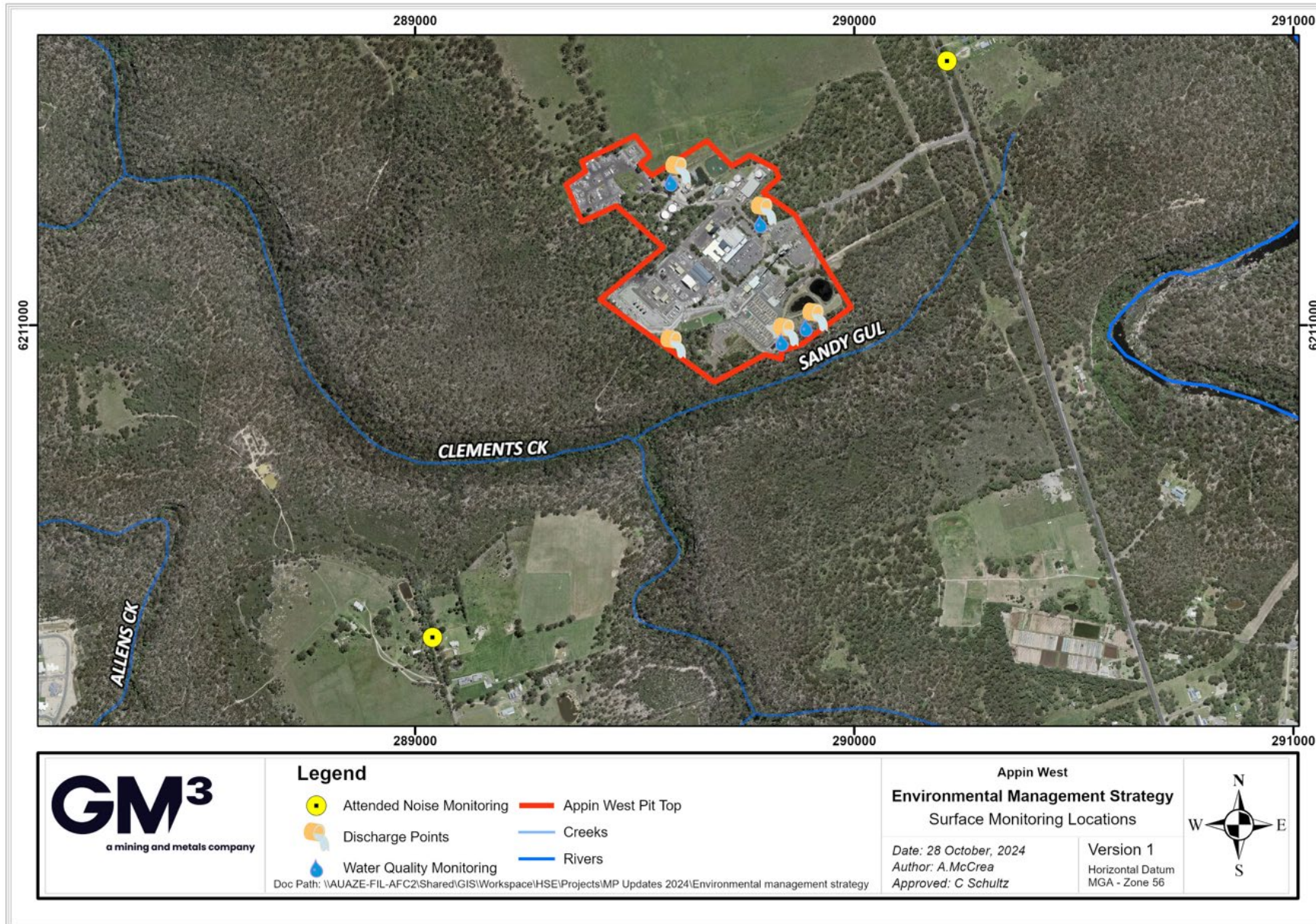
Plan 1: Appin Mine Locality Plan



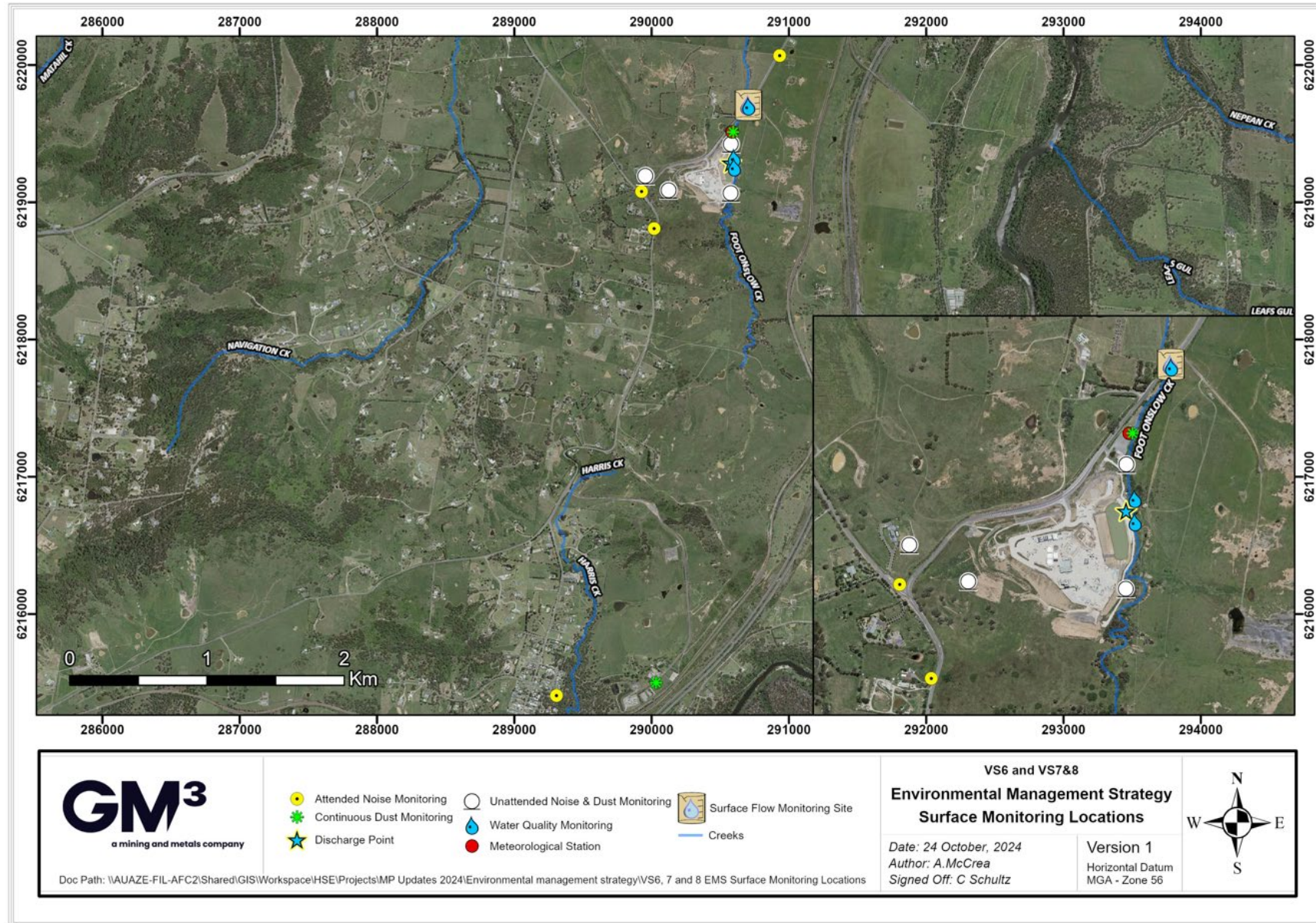
Plan 2: Appin Mine Surface Monitoring Locations – Appin East



Plan 3: Appin Mine Surface Monitoring Locations – Appin West



Plan 4: Appin Mine Surface Monitoring Locations – Ventilation Shaft 6, 7 and 8



Plan 5: Appin Mine Surface Monitoring Locations – Appin North



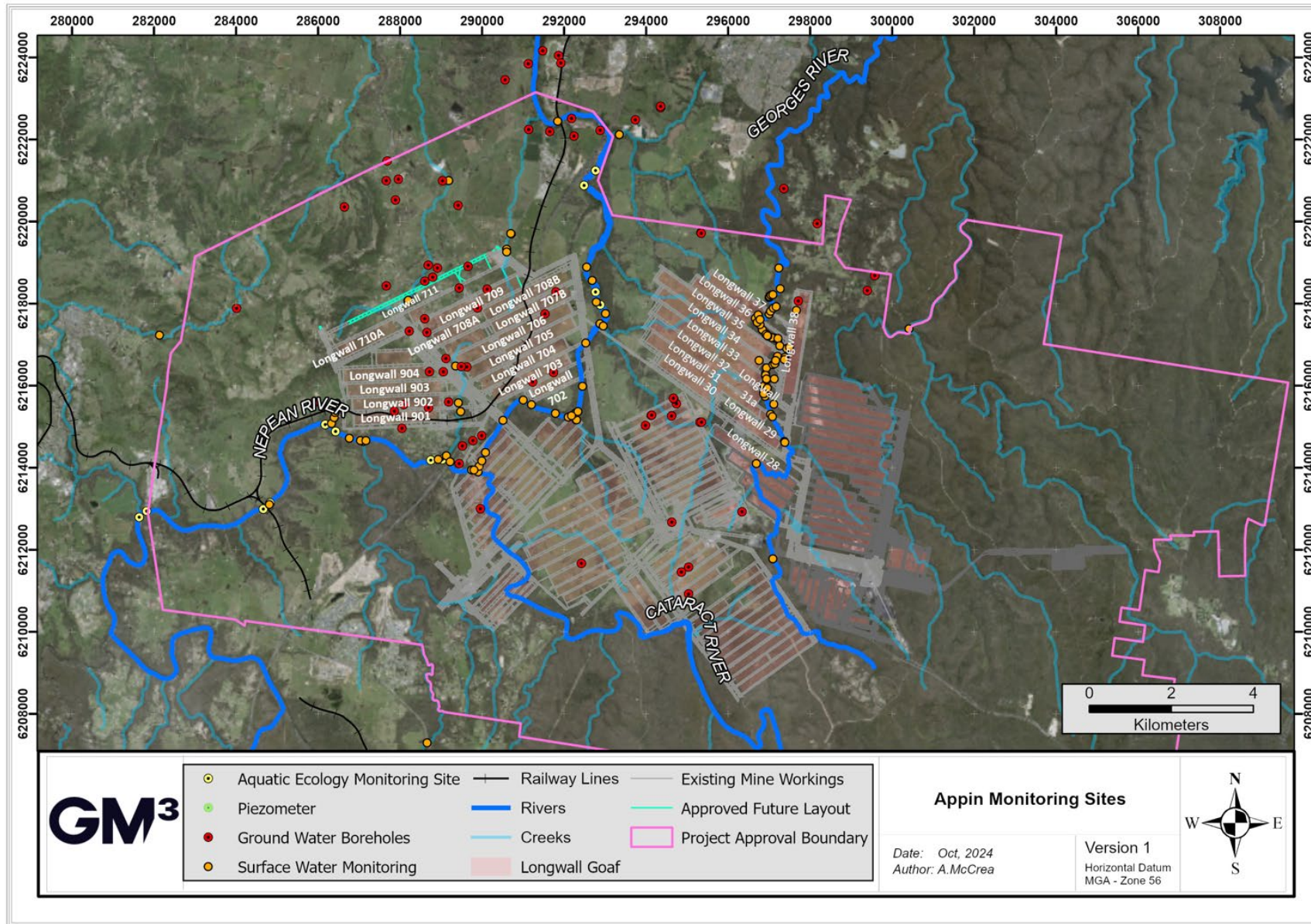
<p>a mining and metals company</p>	Water Quality Monitoring	Flow Monitoring	
	Discharge Points	Rivers	
	Continuous Dust Monitoring	Creeks	

Appin North / West Cliff
Environmental Management System
Surface Monitoring Locations

Date: October, 2024	Version 1
Author: A. McCrea	Horizontal Datum
Approved: C. Schultz	MGA - Zone 56

Document Path: P:\GIS\Workspace\HSE\Projects\MP Updates 2024\Environmental management strategy\Appin North EMS Surface Monitoring Locations.aprx

Plan 6: Appin Mine Surface Monitoring Locations – Regional



14. Appendices

Appendix 1: Project Approval Conditions: EMS

Condition	Requirement	Section
Condition 1 of Schedule 2	<p>Obligation to minimise harm to the environment</p> <p>In addition to meeting the specific performance criteria established under this approval, the Proponent shall implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the project.</p>	Section 4
Condition 2 of Schedule 2	<p>Terms of Approval</p> <p>The Proponent must carry out the project:</p> <p>(a) generally in accordance with the EA, Statement of Commitments and PPR;</p> <p>(b) in accordance with the conditions of this approval; and</p> <p>(c) in accordance with any written directions of the Planning Secretary.</p>	Section 3.1
Condition 4 of Schedule 2	<p>Consistent with the requirements of this approval, the Planning Secretary may make written directions to the Proponent in relation to:</p> <p>(a) the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this approval, including those that are required to be, and have been, approved by the Planning Secretary; and</p> <p>(b) the implementation of any actions or measures contained in any such document referred to in condition 4(a).</p>	Section 3.1
Condition 13 of Schedule 2	<p>Staged Submission of Strategies, Plans or Programs</p> <p>With the approval of the Planning Secretary, the Proponent may submit any strategies, plans or programs required by this approval on a progressive basis.</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> • <i>While any strategy, plan or program may be submitted on a progressive basis, the Proponent will need to ensure that the existing operations on site are covered by suitable strategies, plans or programs at all times; and</i> • <i>If the submission of any strategy, plan or program is to be staged, then the relevant strategy, plan or program must clearly describe the specific stage to which the strategy, plan or program applies, the relationship of this stage to any future stages, and the trigger for updating the strategy, plan or program.</i> 	Section 1.3
	<p>Environmental Management Strategy</p>	This document

Condition 1 of Schedule 6	The Proponent shall prepare and implement an Environmental Management Strategy for the project to the satisfaction of the Planning Secretary. This strategy must:	
	a) be prepared in consultation with WSC and be submitted to the Planning Secretary for approval;	Section 1.5
	b) provide the strategic framework for environmental management of the project;	Section 4
	c) identify the statutory approvals that apply to the project;	Section 3
	d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;	Section 2
	e) describe the procedures that would be implemented to: <ul style="list-style-type: none"> • keep the local community and relevant agencies informed about the operation and environmental performance of the project, including a specific community and stakeholder notification and engagement strategy during the construction and operation of the Appin Mine Ventilation and Access Site; • receive, handle, respond to, and record complaints; • resolve any disputes that may arise during the course of the project; • respond to any non-compliance; • respond to emergencies; and 	Section 5 Section 5.4 Section 5.5 Section 6 Section 8
	f) include: <ul style="list-style-type: none"> • references to all relevant strategies, plans and programs approved under the conditions of the Project Approval; and • a clear plan depicting all the monitoring required to be carried out under the conditions of this approval. 	Section 12 Section 13 Appendix 2
Condition 4 of Schedule 6	<p>Annual Review</p> <p>By 30 September 2012, and annually thereafter, the Proponent shall review the environmental performance of the project to the satisfaction of the Planning Secretary. This review must:</p> <p>(a) describe the development (including any rehabilitation) that was carried out in the past financial year, and the development that is proposed to be carried out over the next year;</p> <p>(b) include a comprehensive review of the monitoring results and complaints records of the project over the past financial year, which includes a comparison of these results against the:</p>	Section 9.1

	<ul style="list-style-type: none"> • relevant statutory requirements, limits or performance measures/criteria; • requirements of any plan or program required under this approval; • monitoring results of previous years; and • relevant predictions in the EA; <p>(c) identify any non-compliance over the past financial year, and describe what actions were (or are being) taken to ensure compliance;</p> <p>(d) identify any trends in the monitoring data over the life of the project;</p> <p>(e) identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and</p> <p>(f) describe what measures will be implemented over the current financial year to improve the environmental performance of the project.</p>	
<p>Condition 5 of Schedule 6</p>	<p>Revision of Strategies, Plans and Programs</p> <p>Within 3 months of:</p> <p>(a) the submission of an annual review under Condition 4 above;</p> <p>(b) the submission of an incident report under Condition 7 below;</p> <p>(c) the submission of an audit report under Condition 9 below; and</p> <p>(d) any modification to the conditions of this approval, (unless the conditions require otherwise); or</p> <p>(e) a direction of the Planning Secretary under Condition 4 of Schedule 2;</p> <p>the Proponent shall review, and if necessary revise, the strategies, plans, and programs required under this approval to the satisfaction of the Planning Secretary.</p> <p><i>Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.</i></p>	<p>Section 9.3</p>
<p>Condition 6 of Schedule 6</p>	<p>The Proponent shall establish and operate a new Community Consultative Committee (CCC) for the project to the satisfaction of the Planning Secretary. This CCC must be operated in general accordance with the Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects (Department of Planning, 2007, or its latest version), and be operating by 30 September 2012.</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> • <i>The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Proponent complies with this approval.</i> • <i>In accordance with the guideline, the Committee should be comprised of an independent chair and appropriate representation from the Proponent, Council, recognised environmental groups and the local community.</i> 	<p>Section 5.2</p>

Condition 7 of Schedule 6	<p>Incident Notification, Reporting and Response</p> <p>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> <p>(a) date, time and location;</p> <p>(b) a brief description of what occurred and why it has been classified as an incident;</p> <p>(c) a description of what immediate steps were taken in relation to the incident; and</p> <p>(d) identifying a contact person for further communication regarding the incident.</p>	Section 9.2
Condition 7AA of Schedule 6	The Applicant must provide the Department with a subsequent incident report in accordance with Appendix 7.	Section 9.2
Condition 7A of Schedule 6	<p>Non-compliance Notification</p> <p>Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing and must be submitted via the NSW planning portal (Major Projects). The notification must identify the development (including the development application number and name), set out the condition of this consent that the development is non-compliant with, why it does not comply, the reasons for the non-compliance (if known), and what actions have been undertaken, or will be undertaken, and when, to address the non-compliance.</p> <p>Note: A non-compliance which has been notified as an incident does not need to also be notified as a noncompliance</p>	Section 9.2
Condition 8 of Schedule 6	<p>Regular Reporting</p> <p>The Proponent shall provide regular reporting on the environmental performance of the project on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this approval.</p>	Section 9.1
Condition 9 of Schedule 6	<p>Independent Environmental Audit</p> <p>By the end of December 2013, and every 3 years thereafter, unless the Planning Secretary directs otherwise, the Proponent shall commission and pay the full cost of an Independent Environmental Audit of the project. This audit must: (a) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Planning Secretary; (b) include consultation with the relevant agencies; (c) assess the environmental performance of the project and assess whether it is complying with the requirements in this approval and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals); (d) review</p>	Section 9.4.1

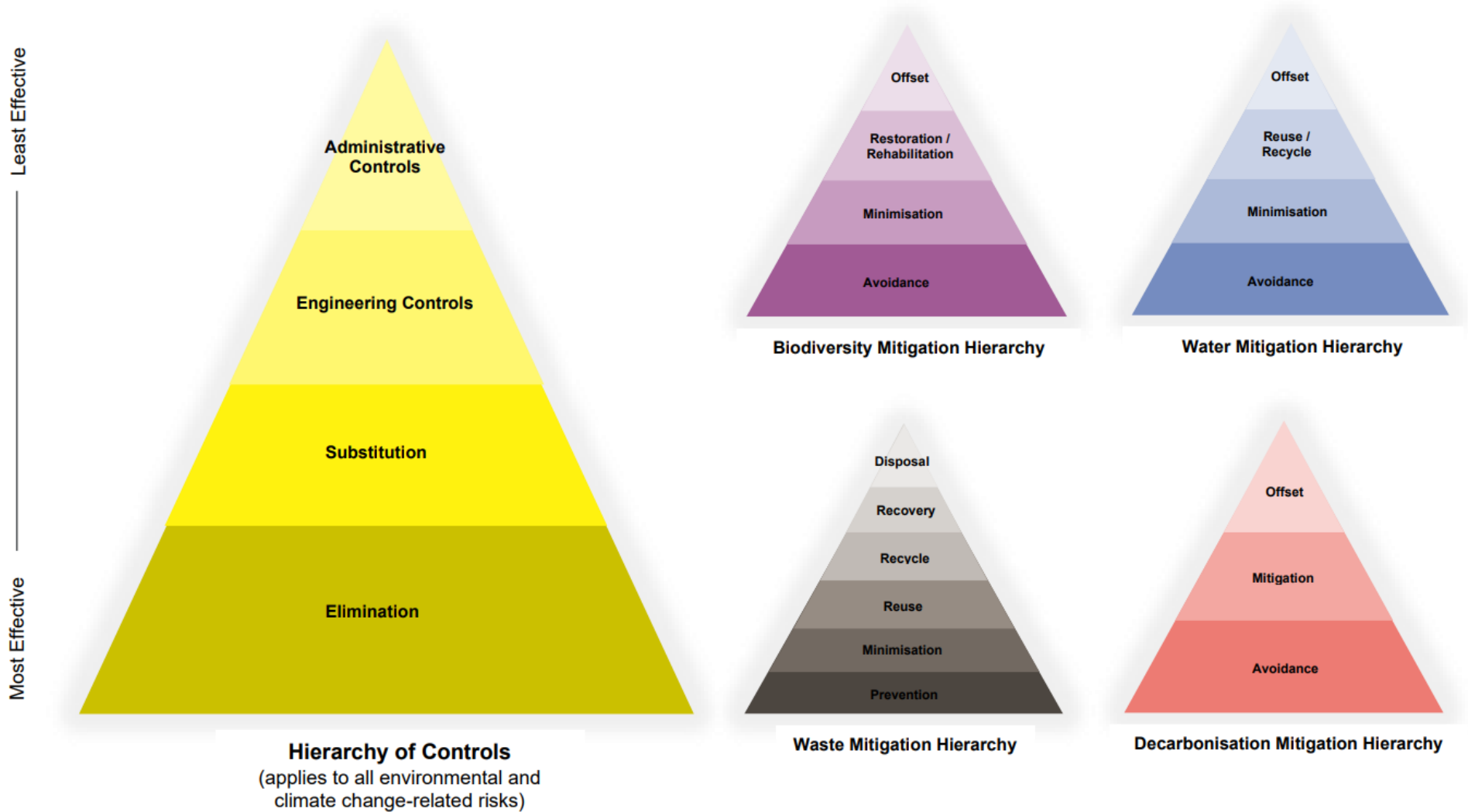
	the adequacy of strategies, plans or programs required under the abovementioned approvals; and (e) recommend appropriate measures or actions to improve the environmental performance of the project, and/or any assessment, plan or program required under the abovementioned approvals. Note: This audit team must be led by a suitably qualified auditor and include experts in any field specified by the Planning Secretary.	
Condition 10 of Schedule 6	Within 6 weeks of the completion of this audit, or as otherwise agreed by the Planning Secretary, the Proponent shall submit a copy of the audit report to the Planning Secretary, together with its response to any recommendations contained in the audit report.	Section 9.4.1
Condition 10A of Schedule 6	Independent Environmental Audits of the development must be conducted and carried out in accordance with the Independent Audit Post Approval Requirements (2020) or as updated from time to time and published on the Department's website.	Section 9.4.1
Condition 11 of Schedule 6	<p>Access to Information</p> <p>From 30 June 2012, the Proponent shall:</p> <p>(a) make copies of the following publicly available on its website:</p> <ul style="list-style-type: none"> • the documents referred to in Condition 2 of Schedule 2; • all current statutory approvals for the project; • all approved strategies, plans and programs required under the conditions of this approval; • a comprehensive summary of the monitoring results of the project, reported in accordance with the specifications in any conditions of this approval, or any approved plans and programs; • a complaints register, updated on a monthly basis; • minutes of CCC meetings; • the annual reviews of the project; • any independent environmental audit of the project, and the Proponent's response to the recommendations in any audit; • any other matter required by the Planning Secretary; and <p>(b) keep this information up-to-date, to the satisfaction of the Planning Secretary.</p>	Section 5.3
Appendix 7 Condition 1	<p>Incident Notification Requirements</p> <p>All incident notifications and reports must be submitted via the NSW planning portal (Major Projects).</p>	Section 9.2
Appendix 7 Condition 2	The Applicant must provide notification as required under these requirements, even if the Applicant fails to give the notification required under Condition 7 of Schedule 6 or, having given such notification, subsequently forms the view that an incident has not occurred.	Section 9.2
Appendix 7 Condition 3	Within 7 days (or as otherwise agreed by the Planning Secretary) of the Applicant making the immediate incident notification (in accordance	Section 9.2

	<p>with Condition 7 of Schedule 6), the Applicant is required to submit a subsequent incident report that:</p> <ul style="list-style-type: none"> (a) identifies how the incident was detected; (b) identifies when the Applicant became aware of the incident; (c) identifies any actual or potential non-compliance with conditions of consent; (d) identifies further action(s) that will be taken in relation to the incident; (e) a summary of the incident; (f) outcomes of an incident investigation, including identification of the cause of the incident; (g) details of the corrective and preventative actions that have been, or will be, implemented to address the incident and prevent recurrence, including the period for implementing any corrective and/or preventative actions; and (h) details of any communication with other stakeholders regarding the incident. 	
<p>Appendix 7 Condition 4</p>	<p>The Applicant must submit any further reports as directed by the Planning Secretary.</p>	<p>Section 9.2</p>

Appendix 2: Environmental Monitoring Programs Matrix

Surface Operations	
Noise Monitoring	Noise Management Plan - Section 6
Air Quality Monitoring	Air Quality Management - Section 6
Water Monitoring	Water Management Plan - Section 7
Coal Wash Emplacement Area Monitoring	CWEA Management Plan - Section 8
Mining Area (Extraction Plan) Longwalls 709 to 711 and 905	
Surface and Groundwater Monitoring	Water Management Plan – Section 6
Biodiversity Monitoring	Biodiversity Management Plan – Section 6
Heritage Management	Heritage Management Plan – Section 6
Cliffs and Steep Slopes	Land Management Plan – Section 6

Appendix 3: Mitigation Hierarchy



Appendix 4: Agency Consultation

Agency Comments	ICHPL Response
Wollondilly Shire Council	
<p><u>Feedback received 19/07/2022</u></p> <p>This Memo advises that no comments are being provided on the above Plan due to insufficient time and comments being provided by government agencies. There is also considered opportunity to provide comments on Monitoring Reports as part of the implementation of the Plan.</p>	<p>Noted</p>
<p><u>Feedback received 20/12/2024</u></p> <p>No comments on this Plan.</p>	<p>Noted</p>
Department	
<p><u>Response received 4 November 2022</u></p> <p>Review Section 3.6 and contemporise the list of acts and regulations as required.</p> <p>Update Sections 5.1 and 5.4 to include specific timeframes/ frequencies for the review, evaluation and update (if necessary) of each of the engagement mechanisms.</p> <p>It is unclear what types of activities are recorded in the Aspects and Impacts Register. Further clarity, including examples, should be provided.</p> <p>It is unclear what the purpose of the Aspects and Impacts Register is in the context of communication (Section 5). Further clarity, including examples of how the register may be used for communication purposes, should be provided.</p>	<p>The list of legislation has been reviewed and updated.</p> <p>Sections 5.1 and 5.4 have been updated to reflect this requirement.</p> <p>Examples have been provided in Table 3.</p> <p>The section on Risk Management has been changed from Section 5.7 to Section 7.</p>

Appendix 5: EMS Approval

Department of Planning, Housing & Infrastructure



Our ref: MP08_0150-PA-113

Chris Shultz
Superintendent Environment
Illawarra Coal Holdings
Via: NSW Major Projects Portal

15/01/2025

Subject: Appin Mine Air Quality and Greenhouse Gas Management Plan Rev 4.0

Dear Mr Schultz

I refer to the Appin Mine Air Quality and Greenhouse Gas Management Plan submitted in accordance with Condition 12, Schedule 4 of the consent for the Bulli Seam Operations Project (MP08_0150). I note the plan has been revised to reflect a change in ownership and include climate related disclosure requirements.

The Department has carefully reviewed the document and is satisfied that it meets the requirements of the relevant conditions in MP08_0150.

Accordingly, as nominee of the Planning Secretary, I approve the Appin Mine Air Quality and Greenhouse Gas Management Plan (Rev 4.0 dated December 2024).

You are reminded that if there are any inconsistencies between the plan and the conditions of approval, the conditions prevail.

Please ensure you make the document publicly available on the project website at the earliest convenience. If you wish to discuss the matter further, please contact Gabrielle Allan on [REDACTED].

Yours sincerely

A handwritten signature in black ink that reads "Jessie Evans".

Jessie Evans
Director, Resource Assessments
Resource Assessments

As nominee of the Planning Secretary