



CULLEN VALLEY MINE

COAL HAULAGE VEHICLE MANAGEMENT PLAN

Shoalhaven Coal Pty Ltd

4 December 2025

DOCUMENT CONTROL

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1. INTRODUCTION

1.1 BACKGROUND

Cullen Valley Mine (CVM) is located near Cullen Bullen in the Western Coalfields of NSW, approximately 30 km north-west of Lithgow (see **Figure 1**). Underground mining commenced at CVM (formerly Tyldesley Colliery) around 1904 and continued up until the 1960s when the workings were abandoned. Early open cut operations were conducted on the site between 1948 and 1953.

The current development consent for CVM (DA 200-5-2003) was granted by the Department of Infrastructure and Planning (now the Department of Planning, Housing and Infrastructure (DPHI)) in August 2004 for a period of 21 years. The conditions of DA 200-5-2003 were subsequently modified in December 2004 to allow for the transportation of product coal from CVM to domestic destinations other than Mount Piper Power Station (MPPS). The conceptual layout of the site as approved under DA 200-5-2003 is shown on **Figure 2**.

Mining of coal at CVM under DA 200-5-2003 commenced in May 2000 using open cut methods following a four-month construction phase and continued until the site was placed in Care and Maintenance in early 2013.

Shoalhaven Coal Pty Ltd (trading as Castlereagh Coal Pty Ltd (Castlereagh Coal)) purchased CVM in May 2015 and has operated the mine under Care and Maintenance since that time. Castlereagh Coal recommenced open cut coal mining operations at CVM in early 2022 within the existing disturbance area approved under DA 200-5-2003, in order to collect remnant coal reserves. The site returned to care and maintenance in July 2023. Under a new modification issued in August 2025, Castlereagh Coal intends to recover the remaining coal reserves, with a scope to recommence mining operations in 2026.

1.2 DOCUMENT PURPOSE & SCOPE

This Coal Haulage Vehicle Management Plan (CHVMP) document has been prepared to describe the operational management of the transport of product coal from CVM via the public road network. This revision of the CHVMP has been prepared in accordance with the requirements of DA 200-5-2003 for use by Castlereagh Coal during the recommencement of mining operations on site.

1.3 DOCUMENT OBJECTIVES

The objectives of this document are to:

- Provide an overview of coal haulage vehicle management measures at CVM, particularly in relation to public roads; and
- Outline procedures for response to community complaints in relation to coal haulage from site.

Statutory requirements from DA 200-5-2003 that relate to this CHVMP and where they are addressed in this document are provided in **Table 1**.

Table 1 CHVMP Requirements

| DA 200-5-2003 Condition | Requirement | Where Addressed |
|--------------------------|--|--------------------|
| Schedule 4, Condition 50 | The Application must ensure that all coal haulage from the development: <ul style="list-style-type: none"> (a) uses the dedicated coal haulage route from the development to the Castlereagh Highway; | Section 2.1 |

| DA 200-5-2003 Condition | Requirement | Where Addressed |
|---------------------------|---|--------------------|
| | <p>(b) is not conveyed on any local road within the Lithgow local government area, except with the written approval of the Planning Secretary;</p> <p>(c) occurs between 7.00 am and 5.30 pm Monday to Friday, between 7.00 am and 5.00 pm Saturdays, for no more than 30 days annually to the satisfaction of the EPA and Council, and at no time on Sundays and Public Holidays.</p> <p><i>Note: The hours of operation specific in this condition may be varied with the written consent of the EPA if it is satisfied that the amenity of the residents in the locality will not be adversely affected.</i></p> | |
| Schedule 4, Condition 51 | <p>The Applicant must ensure that:</p> <p>(a) the use of the haul road does not restrict access to the [Cullen Bullen] Speedway and sports ground; and</p> <p>(b) access to haul road is restricted when it is not in use, in accordance with the terms of the Cullen Bullen Recreational Trust agreement.</p> | Section 2.1 |
| Schedule 4, Condition 52 | Prior to 31 December 2004, the Applicant must prepare and implement a Coal Haulage Vehicle Management Plan to reduce the impacts of coal haulage traffic from the development on public roads to the satisfaction of the Planning Secretary. | Appendix A |
| Schedule 4, Condition 53 | The Applicant must not close any public roads without the approval of the relevant road authority. | Section 2.1 |
| Schedule 4, Condition 54 | The Applicant must ensure that the road crossing of the mine haul road and Red Springs Road is undertaken in consultation with Council and to the satisfaction of the Planning Secretary. | Section 2.1 |
| Schedule 4, Condition 54A | <p>Unless otherwise agreed by the Planning Secretary, within 3 months of approval of Mod 5, the Applicant must, in consultation with TfNSW, install intersection warning signs on the Castlereagh Highway;</p> <p>(a) northbound on to the north of Watson Avenue; and</p> <p>(b) north and south bound near Boulder Road</p> | Section 2.1 |

1.4 DOCUMENT STRUCTURE

The document is structured as follows:

- **Section 1** outlines the purpose, scope and objectives of this CHVMP and provides relevant background information;
- **Section 2** outlines management procedures for CVM coal haulage vehicles and operators;
- **Section 3** outlines the stakeholder engagement relevant to this plan;
- **Section 4** provides an overview of the roles and responsibilities of CVM personnel in relation to this CHVMP;
- **Section 5** outlines the reporting and review requirements for this CHVMP; and
- **Sections 6 and 7** provide a list of reference documents and abbreviations used in this document.

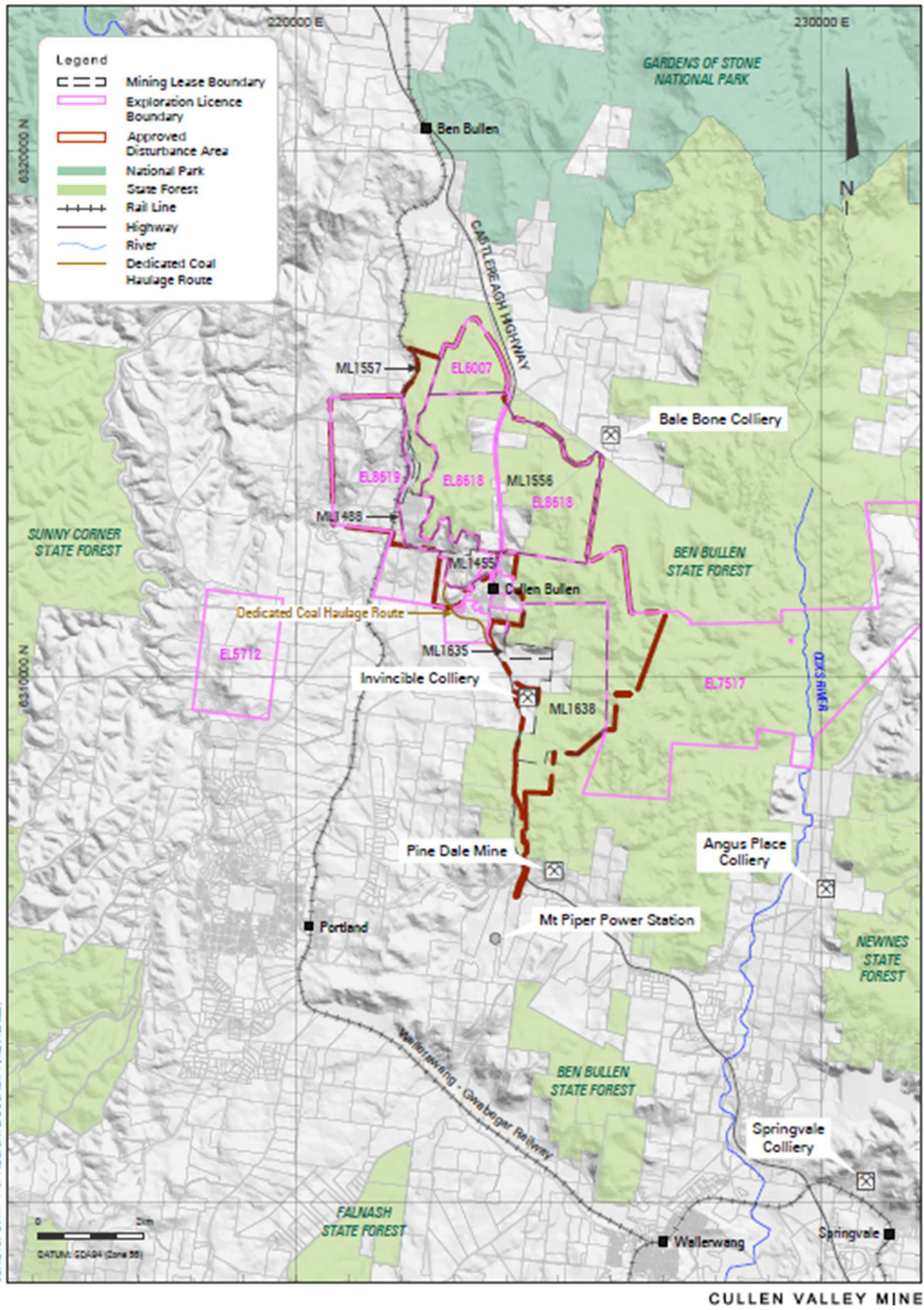
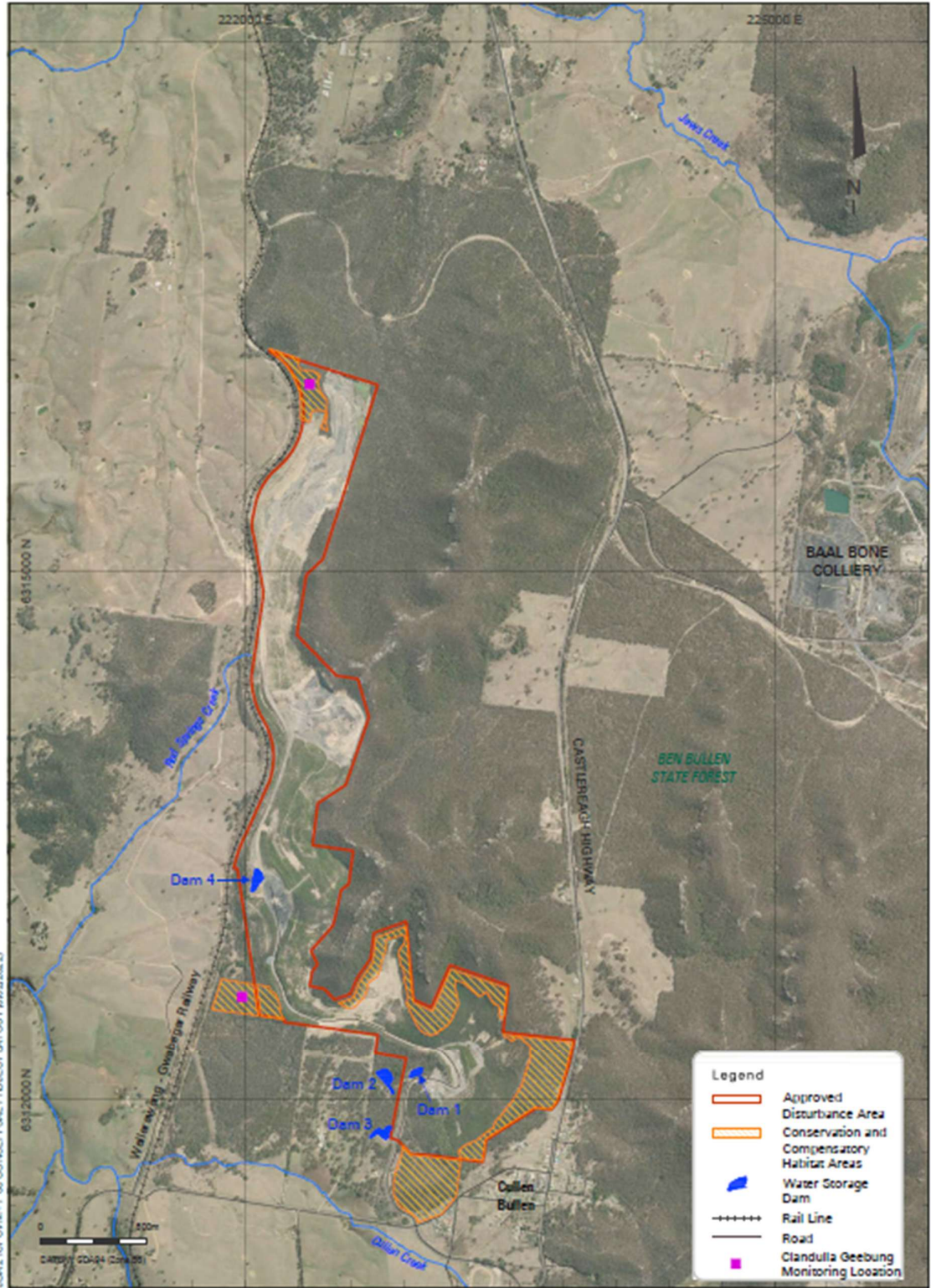


Figure 1 Regional Locality



CULLEN VALLEY MINE

Figure 2 Conceptual Project Layout

2. COAL HAULAGE MANAGEMENT

2.1 Coal Haulage Route

Figure 1 illustrates the location of the dedicated Coal Haulage Route from the CVM to the Castlereagh Highway as relevant to this plan. The dedicated Coal Haulage Route continues from the CVM access road, across the Carsons Siding Road/Portland Cullen Bullen Road and continuing past Farley Street and the Cullen Bullen Raceway prior to intersecting with the Castlereagh Highway. The use of the dedicated Coal Haulage Route has the following requirements as identified within the Cullen Bullen Recreation Reserve Land Manager Agreement held by Castlereagh Coal:

- Access to the dedicated Coal Haulage Route will be utilised for the haulage of coal by road, to access any neighbouring or nearby lands for the purpose of the mining operations or any purpose incidental to the carrying out of mining operations;
- Access to the dedicated Coal Haulage Route is to be restricted when not in use for the CVM operations;
- Signs will be installed and maintained at either end of the dedicated Coal Haulage Route which state, "Private Haul Road – No Entry". These signs must only be installed and maintained following the approval of the Cullen Bullen Recreation Reserve Land Manager, the Minister for Lands and Water and the Lithgow City Council; and
- Haulage campaigns will not restrict access to the Cullen Bullen Speedway and sports grounds in periods when Speedway Competitions and other events involving public spectators and participants.
- Cullen Valley Mine will install intersection warning signs in consultation with TfNSW as agreed by the Planning Secretary and prior to recommencement of mining operations:
 - On the Castlereagh Highway:
 - Northbound on to the north of Watson Avenue; and
 - North and south bound near boulder road.

2.2 GENERAL REQUIREMENTS

The following requirements and conditions must be observed during haulage on public roads:

- All trucks must be registered to drive on NSW roads by Transport for NSW and comply with EPA (2011) *Coal Mine Particulate Matter Control Guideline*;
- Trucks must not transport greater than their legal Gross Vehicle Mass (GVM) while hauling from CVM;
- Drivers must cover their load and confirm that their tailgates are secure before leaving the stockpiling area. A 'hangman' loop is provided to assist vehicles without automatic covering systems;
- Coal haulage associated with CVM may only occur between 7 am and 5.30 pm Monday to Friday, and 7 am to 5 pm on Saturday, on no more than 30 Saturdays per year. There is to be no haulage from site on Sundays and Public Holidays;
- Coal trucks heading to MPPS must maintain a minimum distance of 60 m behind other trucks, unless overtaking;
- When accessing site, all coal trucks must use the dedicated Coal Haulage Route to bypass Cullen Bullen and to access the Castlereagh Highway;
- All spillages of coal must be reported immediately to the CVM office and cleaned up;
- Operators must comply with NSW road rules on the public road network;
- Compression braking is to be avoided when safe to do so, when passing residential houses on the Castlereagh Highway;
- Coal haulage is not permitted on any local road within the Lithgow Local Government Area, except with the prior written approval of the Secretary of DPE;
- Use of the CB radio must be professional at all times;

- Trucks hauling for CVM must be clean and presentable at all times; and
- Any public road closures will be performed only with the prior approval of the relevant regulatory agency.
- The Traffic Impact Assessment relevant to DA 200-5-2003 relates to the Feldmast Environmental Impact Statement (EIS) which was completed by International Environmental Consultants Pty Ltd in February 1997. Section 3.7 of the Feldmast EIS describes that standard semi trailer one way truck movements would be up to approximately 140 per day. This approximate daily rate equates to an average of 13 hourly one way truck movements per hour during a working weekday.

2.3 VEHICLE CHECKS & REVIEWS

Truck operators manage and control the transport of product coal from the CVM in accordance with this CHVMP by:

- Participating in toolbox talks at the start of each shift;
- Undertaking pre-shift vehicle inspections to ensure the tailgate and load cover devices are functioning properly;
- Communicating and observing each other's truck movements while on the job; and
- Reporting any incidents or potential matters to their Supervisor.

2.4 OPERATOR NON-COMPLIANCE WITH THIS PLAN

In the event that a driver does not comply with the requirements of this CHVMP, or complaints are received regarding their performance, the following disciplinary action shall be taken:

- First Offence: Documented and warning given to the offending driver and haulage contractor;
- Second Offence: Documented and warning given to the offending driver and haulage contractor; and
- Third Offence: Drivers may be banned from the site for a period of time and a warning given to the contractor; and
- Fourth Offence: Drivers may be banned from the site indefinitely and a warning given to the contractor.

In the event that three or more drivers from a transport company are banned, then the contract with that company may be terminated.

3. STAKEHOLDER ENGAGEMENT

3.1 CHVMP CONSULTATION

Correspondence with regulatory agencies relating to this revision of the CHVMP is included as **Appendix A**.

3.2 EXTERNAL COMMUNICATIONS

3.2.1 Community Complaints

All community complaints received by CVM are recorded in the Castlereagh Coal Complaints Register. The register is regularly maintained and published on the Castlereagh Coal website to document a summary of all complaints received and follow-up actions taken by CVM personnel in response.

Further detail on the management of community complaints is provided within Section 6.1.3 of the CVM EMS.

3.2.2 Incidents and Non-Compliances

Schedule 6, Condition 10 of DA 200-5-2003 requires CVM to notify the Department within 24 hours of becoming aware of an incident. The notification must be made in writing via the NSW Planning Portal (Major Projects) and address details of the incident including:

- Date, time and location;
- A brief description of what occurred and why it has been classified as an incident;
- A description of what immediate steps were taken in relation to the incident; and
- Identifying a contact person for further communication regarding the incident.

Schedule 6, Condition 11 of DA 200-5-2003 requires CVM to provide the Department with a subsequent incident report in accordance with Appendix 7 of DA 200-5-2003. The subsequent incident report must:

- Identify how the incident was detected;
- Identify when the Applicant became aware of the incident;
- Identify any actual or potential non-compliance with conditions of consent;
- Identify further action(s) that will be taken in relation to the incident; and
- Provide a summary of the incident;
- Provide outcomes of an incident investigation, including identification of the cause of the incident;
- Provide 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
- Provide details of any communication with other stakeholders regarding the incident.

Schedule 6, Condition 12 of DA 200-5-2003 requires CVM to report any non-compliance against conditions related to this FMP (refer **Table 1**) to the Department within seven days of becoming aware of the non-compliance and then in the Annual Review. Notification will be submitted in writing via the DPHI Planning Portal (Major Projects), identify the development (including the development application number and name).

Any reporting of a non-compliance with the relevant conditions of DA 200-5-2003 will outline the following:

- Condition of consent that the development is non-compliant with;

- Why it does not comply;
- Reasons for the con-compliance (if known); and
- What actions have been undertaken, or will be undertaken, and when, to address the non-compliance.

4. ROLES & RESPONSIBILITIES

Table 2 outlines the key roles and responsibilities for CVM personnel in relation to this CHVMP.

Table 2 CHVMP Roles and Responsibilities

| Ref | Control Measure | Responsibility | Timing |
|-----|--|--------------------------------|--|
| 1. | Review and approve this CHVMP and provide adequate resources for its implementation. | Operations Manager | Ongoing |
| 2. | Complete regular inspections of the vehicles to confirm that operators are complying with the site management requirements outline in Section 2 . | Mining Supervisor | Ongoing |
| 3. | <ul style="list-style-type: none"> Manage the implementation of this CHVMP. Respond to community complaints and maintain CVM Complaints Register. Investigate coal haulage vehicle non-compliance and incidents and prepare associated reporting. Facilitate regular training of CVM contractors in the requirements of this CHVMP. Complete review of this CHVMP to ensure consistency with current CVM operations, industry standards and procedures. | Environmental Officer | Ongoing Ongoing As required Annual Five Yearly |
| 4. | <ul style="list-style-type: none"> Comply with the requirements of this CHVMP. Report any activities which may generate safety or traffic issues to the equipment operator and/or Mining Supervisor. | All CVM personnel, contractors | Ongoing |

5. REVIEW & REPORTING

5.1 ANNUAL REPORTING

In accordance with Schedule 6, Condition 5 of DA 200-5-2003, CVM will continue to submit an Annual Review to DPHI and relevant agencies. The Annual Review will describe coal haulage activities, complaints and improvements for each reporting period.

A copy of each CVM Annual Review is provided to the Planning Secretary, NSW- Resources – Resources Regulator (RR), EPA, LCC and the representatives of the mine Community Consultative Committee (CCC).

5.2 STAKEHOLDER REPORTING

In accordance with Schedule 6, Condition 8 of DA 200-5-2003 CVM is required to establish a CCC to oversee the environmental performance of the mine. While in operation, the CCC will meet at least twice a year and will review and provide advice on environmental performance including this document, monitoring results, audit reports or complaints.

5.3 AUDITING

In accordance with Schedule 5, Condition 6 of DA 200-5-2003, Castlereagh Coal will commission an Independent Environmental Audit within two years of the date of consent, and every three years thereafter, for submission to DPHI, unless otherwise approved. This audit report will consider the effectiveness of the CHVMP and provide environmental management advice to ensure its ongoing effectiveness.

5.4 REVIEW

This CHVMP will be reviewed on at least a five yearly basis to ensure that it remains consistent with operations at CVM and in accordance with general industry standards and procedures. Reviews will consider the need to modify the CHVMP and the management measures in place at CVM to ensure that all practicable measures are in place to minimise coal haulage vehicle impacts.

The CHVMP will also be reviewed (and if necessary, updated) in response to:

- Relevant findings from Independent Environmental Audits;
- Findings from investigations of community complaints or monitoring non-compliances relating to air quality impacts;
- Directions from regulatory agencies; and
- Changes to conditions of consent.

Approval of any major amendments to this CHVMP will be sought from the DPHI Planning Secretary and other stakeholders, as required under DA 200-5-2003.

6. REFERENCES

- Castlereagh Coal (2022) *Cullen Valley Mine Environmental Management Strategy*.
- Castlereagh Coal (2022) *Cullen Valley Mine Environmental Monitoring Program*.
- EPA (2011) *Coal Mine Particulate Matter Control Best Practice Site-specific Determination Guideline*.
- International Environmental Consultants (2003) *Cullen Valley Mine Lease Extension Project*.

7. ABBREVIATIONS

| Abbreviation | Meaning |
|--------------|--|
| CCC | Community Consultative Committee |
| CHVMP | Coal Haulage Vehicle Management Plan |
| CVM | Cullen Valley Mine |
| DPE | Department of Planning, Housing and Infrastructure |
| RR | NSW Resources – Resources Regulator |
| EIS | Environmental Impact Statement |
| EMP | Environmental Monitoring Program |
| GVM | Gross Vehicle Mass |
| LCC | Lithgow City Council |
| MPPS | Mount Piper Power Station |
| TfNSW | Transport New South Wales |

APPENDIX A
STAKEHOLDER ENGAGEMENT

Management Plan Review
Cullen Valley Mine (DA-200-5-2003)
Coal Haulage Vehicle Management Plan - 2022

| Condition 50 of Schedule 4 | Satisfactory (Yes/No) | DPE Comments | Action Required | Proponent Response |
|--|-----------------------|---|--|---|
| The Applicant shall ensure that all coal haulage from the development: | | | | |
| (a) Uses the dedicated coal haulage route from the development to the Castlereagh Highway; | No | The dedicated coal haulage route is not described in the plan. | Update the plan to include a description (including figure) of the dedicated coal haulage route. | The designated coal haulage route relevant to this plan is identified in Figure 1. |
| (b) Is not conveyed on any local road within the Lithgow local government area, except with the written approval of the Director-General | Yes | Section 2.1 of the plan commits CVM to not convey coal on any local road within the Lithgow local government area without the written approval of the Secretary of DPE (formerly Director-General). | Nil | |
| (c) Occurs between 7.00 am and 5.30 pm Monday to Friday, between 7.00 am and 5.00 pm Saturdays, for no more than 30 days annually to the satisfaction of the DEC and Council, and at no time on Sundays and Public Holidays. <i>Note: the hours of operation specified in this condition may be varied with the written consent of the DEC if it is satisfied that the amenity of the residents in the locality will not be adversely affected.</i> | Yes | The plan specifies operating hours consistent with the conditions of consent. | Nil | |
| Condition 51 of Schedule 4 | Satisfactory (Yes/No) | DPE Comments | Action Required | |
| The Applicant shall ensure that: | | | | |
| (a) The use of the haul road does not restrict access to the Speedway and sport ground; and | Yes | Section 2.1 commits CVM to ensure that haulage does not restrict access to the Cullen Bullen Speedway and sports ground. | Nil | |
| (b) Access to the haul road is restricted when not in use, in accordance with the terms of the Cullen Bullen Recreational Trust agreement. | Partial | Section 2.1 specifies that access to the haul road will be restricted when not in use, however no details are provided regarding the terms of the Cullen Bullen Recreational Trust agreement, | Update the plan to specify how access will be restricted and include any relevant terms of the Cullen Bullen Recreational Trust agreement. | Section 2.1 has been included to outline the key access restrictions set out in the Cullen Bullen Recreation Reserve Trust Agreement. |

| | | | | |
|---|------------------------------|---|--|--|
| | | or the means with which by access will be restricted. | | |
| Condition 52 of Schedule 4 | Satisfactory (Yes/No) | DPE Comments | Action Required | |
| Prior to 31 December 2004, the Applicant shall prepare and implement a Coal Haulage Vehicle Management Plan to reduce the impacts of coal haulage traffic from the development on public roads to the satisfaction of the Director-General. | Partial | Section 2 of the Coal Haulage Vehicle Management Plan sets out measures to reduce the impacts of coal haulage traffic on public roads, however it does not specify a maximum daily or hourly trucking rate. | It is recommended the plan is updated to set a maximum daily and/or hourly trucking rate consistent with the traffic impact assessment completed as part of the development application process. | Section 2.1 describes the maximum daily trucking rate for one way trips to and from Cullen Valley Mine as described within the Feldmast EIS. |
| Condition 53 of Schedule 4 | Satisfactory (Yes/No) | DPE Comments | Action Required | |
| Road Closure The Applicant shall not close any public roads without the approval of the relevant road authority. | Yes | Section 2.1 commits CVM to not closing any public roads without the approval of the relevant road authority. | Nil | |
| Condition 54 of Schedule 4 | Satisfactory (Yes/No) | DPE Comments | Action Required | |
| Road Crossing The Applicant shall ensure that the road crossing of the mine haul road and Red Springs Road is undertaken in consultation with Council and to the satisfaction of the Director-General. | Yes | No changes are proposed to the existing road crossing. Section 2.1 sets out the requirement for all coal trucks to use the existing private haul road bypass of Cullen Bullen to cross Red Springs Road and access the Castlereagh Highway. | Nil | |
| Other Comments | | | | |
| | | | | |