

Independent Environmental Audit 2025

Myuna Colliery

Prepared for:

Centennial Myuna Pty Limited

14 Summerhill Drive, Wangi Wangi, NSW, 2267, Australia

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EXECUTIVE SUMMARY

This Independent Environmental Audit (IEA) has been prepared by Integrated Environmental Management Australia (IEMA) for Centennial Myuna Pty Ltd (Myuna).

Myuna Colliery is an underground bord and pillar operation located 25 km south-west of Newcastle NSW in the Lake Macquarie and Wyong Local Government Areas. Myuna has been operating since 1982 and currently operates with a workforce of around 250. Myuna extracts up to 1.5 million tonnes of coal per annum from three seams under Lake Macquarie to supply the neighbouring Eraring Power Station.

This IEA has been prepared to satisfy the requirements of:

- Schedule 5 Condition 9 of PA 10_0080.
- *Independent Audit Post Approval Requirements* (DPHI, 2020).

The IEA period is 21 June 2022 to 04 June 2025 (Day 2 of site audit component). DPHI endorsed the following IEA team in the letter dated 05 May 2024.

The IEMA audit team visited the Myuna site from 03 to 04 June 2025, and comprised:

- Chris Jones - Lead Auditor.
- David Price – Assistant Auditor.

The IEA reviewed the consent and associated Statement of Commitments, Environment Protection Licence, mining leases (3 pre-1 July 2022 and 4 post-1 July 2022), Environmental Management Plans, and the status of previous IEA recommendations. The IEA generally identified a high level of compliance with all approval conditions. A summary of the IEA outcomes is provided in **Table A** below.

Table A – IEA Compliance Summary

Compliance Status	PA 10_0080	PA 10_0080 SOCs	EPL 366	Old Mining Leases	New Mining Leases	Mining Amendment	Total
Compliant	49	9	60	14	13	34	179
Not Triggered	14	3	11	21	10	12	71
Non-Compliance	2	0	4	0	0	4	10
Total	65	12	75	35	23	50	260

Sections 5 and **6** of this document outline non-compliant conditions and improvement recommendations. Areas of positive environmental management are outlined in **Section 7**.

1. INTRODUCTION

1.1. Background

Centennial Myuna Pty Ltd (Myuna), a subsidiary of Centennial Coal Company Pty Ltd (Centennial), operates Myuna Colliery, an existing underground coal mine located at Wangi Wangi, approximately 25 kilometres (km) south-west of Newcastle within the Lake Macquarie and Wyong Local Government Areas of New South Wales (refer **Figure 1**).

Lake Macquarie City Council (LMCC) granted Development Consent SH110_148 for the development and operation of the Myuna and Cooranbong Collieries in 1977. The Development Consent was granted pursuant to the provisions of the now repealed Local Government Act 1919. The Development Consent remains in force and authorises the extraction of coal within the Development Consent Mining Area.

The development of Myuna Colliery began in 1979 and underground mining using bord and pillar mining methods commenced in 1982. Centennial Coal Company Ltd acquired Myuna Colliery from Powercoal Pty Ltd in 2002 and has operated the mine since that time.

On 18 January 2012, the then Minister of Planning and Infrastructure granted Project Approval (PA) 10_0080 to Centennial Myuna. A modification to PA10_0080 was approved on the 27th of February 2015. PA 10_0080 (MOD1) authorises the continued mining in areas outside the existing Development Consent SH110_148 mining area and within the boundary of existing mining leases held by Centennial Myuna. PA 10_0080 MOD1 authorises the use of bord and pillar methods in the Wallarah, Great Northern and Fassifern coal seams, the continued use of ancillary infrastructure until 31st December 2032, and the extraction of not more than 3 million tonnes of run-of-mine (ROM) coal from the site in any calendar year.

Modification to PA10_0080 (MOD3) was approved on 25 November 2022. MOD3 aligns with the rehabilitation reporting and management conditions with contemporary requirements under the Mining Act 1992. The proposed modifications are limited to changes to rehabilitation reporting and management requirements and do not change any rehabilitation strategies, objectives, final land use or landform approved under the various consents. No other changes to approved operations were proposed by the modification.

A site overview is provided in **Figure 2**.

1.2. IEA Scope

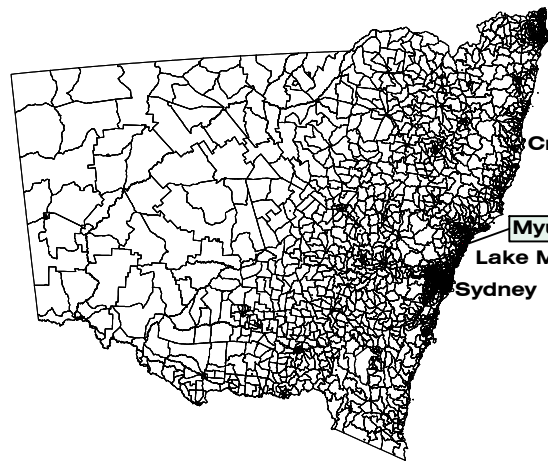
IEMA was engaged to prepare this Independent Environmental Audit (IEA) for Myuna to address the requirements of Schedule 5 Condition 9 of PA10_0080. The IEA period is from 21 June 2022 to 04 June 2025 (last day of site audit component). The Department of Planning, Housing and Infrastructure (DPHI) endorsed the following IEA team in the letter dated 05 May 2025 (refer **Appendix D**):

- Chris Jones (Principal, IEMA) as Lead Auditor.
- David Price (Senior Consultant, IEMA) as Assistant Auditor.

The IEA assessed the following approvals and documentation:

- PA 10_0080 (including associated Management Plans).
- PA 10_0080 Statement of Commitments.
- Environment Protection Licence (EPL) 366.
- Applicable mining leases (ML1632, ML1370, ML1880 and MPL334). It is noted that these leases are made up of both older (pre-1 July 2022) and newer (post 1 July 2022) leases.
- Mining Amendment (Standard Conditions of Mining Leases—Rehabilitation) Regulation 2021.

- Status of previous IEA recommendations.

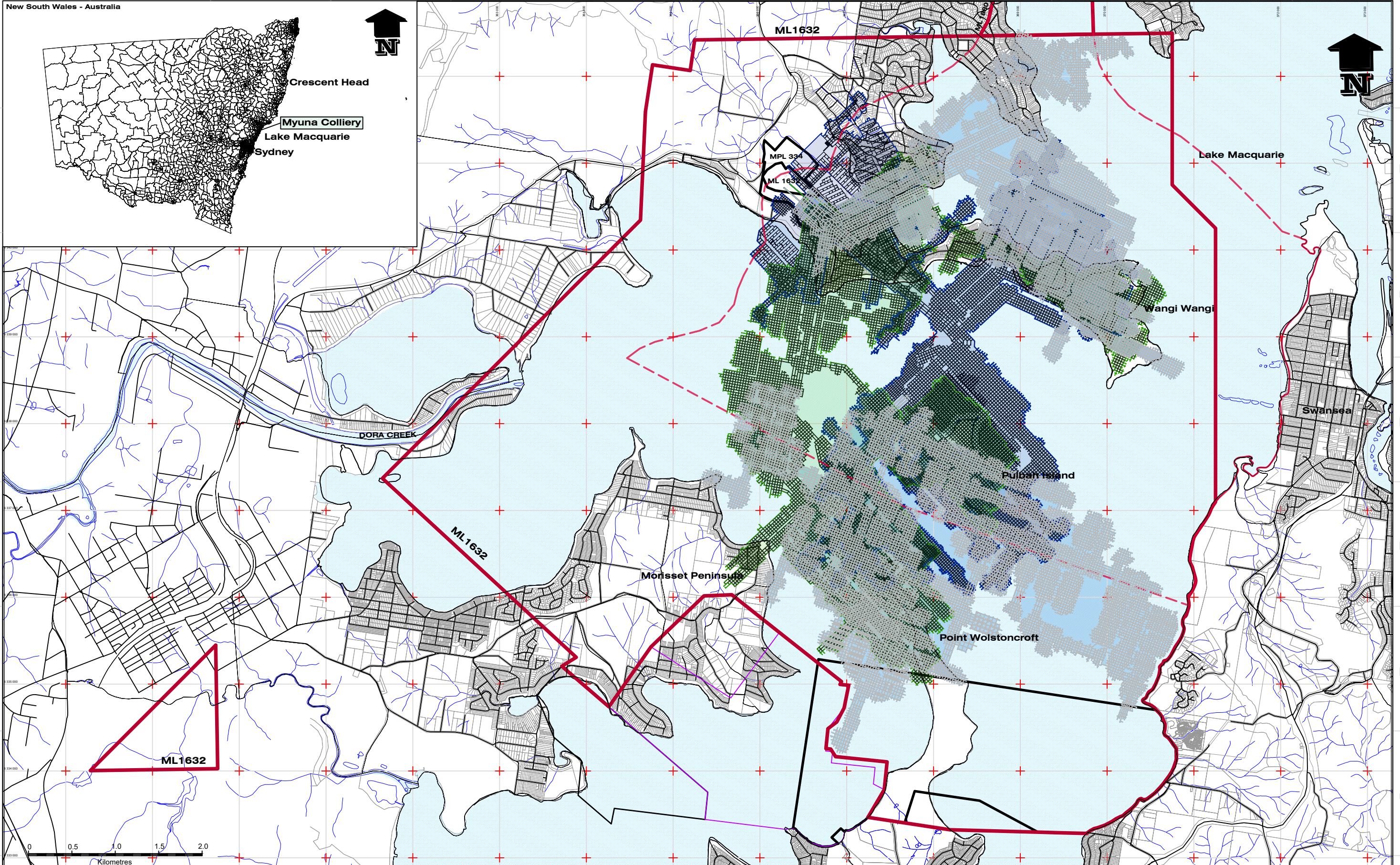
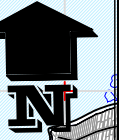


Crescent Head

Myuna Colliery

Lake Macquarie

Sydney



LEGEND

MOP Area - Colliery Holding Boundary	Wallarah seam workings (December 2024)
Mining Leases	Great Northern seam workings (December 2024)
Cadastral Boundary	Fassifern seam workings (December 2024)
Roads	
Water features	
Lake Macquarie	
Part 3A - Project Approval Area	
Development Consent SH 110/148	



Figure 1 Regional Locality

DRAWN: DH DATE: 13.02.2018 CHECKED: DATE: APPROVED: DATE: SCALE: 1:20,000	 MYUNA COLLIERY TITLE AEMR - (Annual Environmental Management Plan) Annual review plan 2024	CAD FILE N:\shared\PLANS\MY\MY11606.dwg N:\shared\PLOT\MY\MY11606_2024.pdf PLAN NO. MY11606 REV. 4 A1
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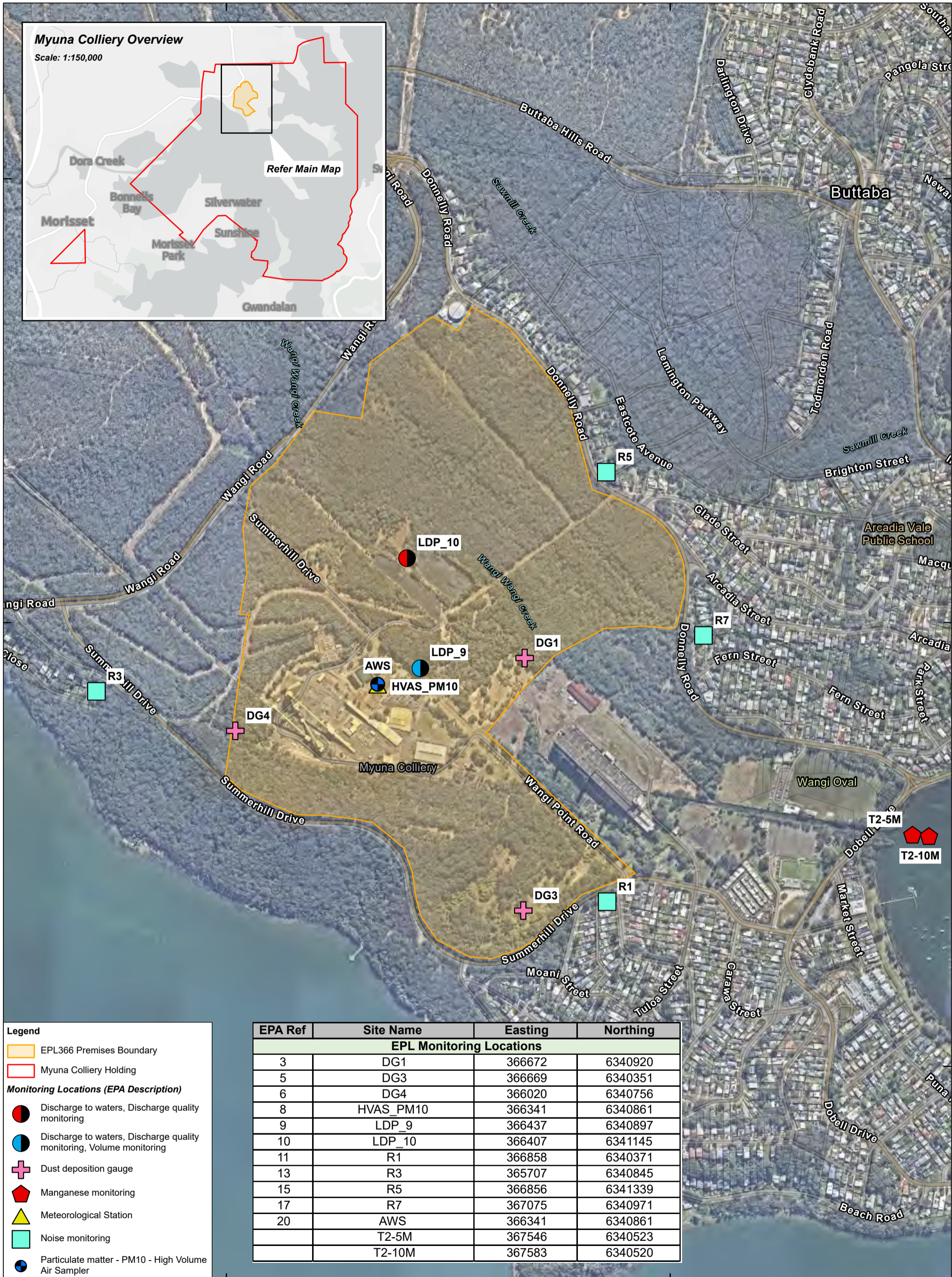
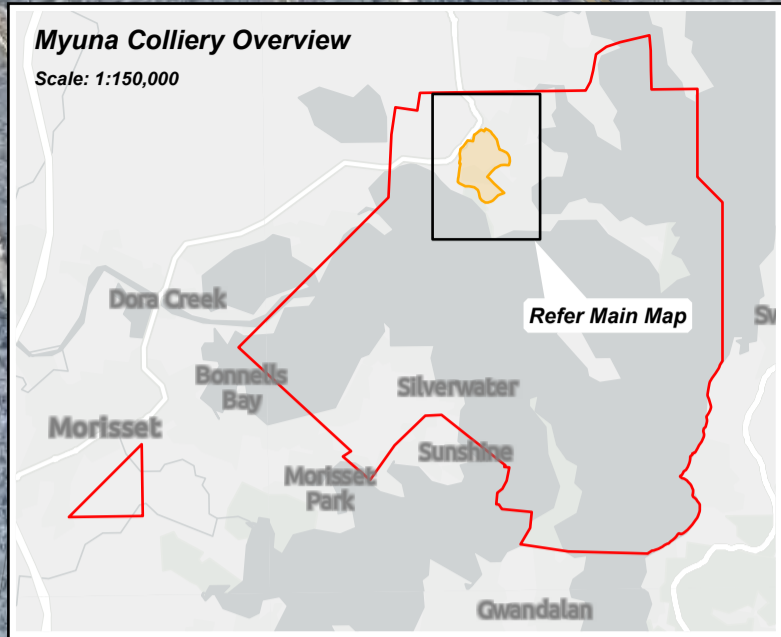
366000

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Legend

- EPL366 Premises Boundary
- Myuna Colliery Holding

Monitoring Locations (EPA Description)

- Discharge to waters, Discharge quality monitoring
- Discharge to waters, Discharge quality monitoring, Volume monitoring
- + Dust deposition gauge
- ⬠ Manganese monitoring
- ▲ Meteorological Station
- Noise monitoring
- Particulate matter - PM10 - High Volume Air Sampler

EPA Ref	Site Name	Easting	Northing
EPL Monitoring Locations			
3	DG1	366672	6340920
5	DG3	366669	6340351
6	DG4	366020	6340756
8	HVAS_PM10	366341	6340861
9	LDP_9	366437	6340897
10	LDP_10	366407	6341145
11	R1	366858	6340371
13	R3	365707	6340845
15	R5	366856	6341339
17	R7	367075	6340971
20	AWS	366341	6340861
	T2-5M	367546	6340523
	T2-10M	367583	6340520

PLOTFILE: N:\SHARED\GDA_2020\Plans\Myuna\FASS10270_R2.aprx

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nearmap

Coordinate System: GDA2020 MGA Zone 56

Drawn	D.MacBain
Checked	V.Howat
Approved	K.Fiatarone
Scale	1:8,000 @ A3
Revision	2

Figure 2 Site Overview
(Figure sourced from Myuna 2024 Annual Review)



Date: 26/11/2024 Plan No. FASS10270

Esri, TomTom, Garmin, Foursquare, METI/NASA, USGS, Esri Community Maps Contributors, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, Foursquare, METI/NASA, USGS, Esri, CGIAR, Esri, TomTom, Garmin, Foursquare, FAO, METI/NASA, USGS. Nearmap imagery referenced dated 31 August 2024.

1.3. Key Site Contacts

The main Centennial IEA contacts for this IEA were Veronica Howat and Kieran Fiatarone. Their details are provided in **Table 1**.

Table 1 - Key Site Contacts

Name and Position	Contact Details
Veronica Howat Centennial Environmental Risk and Compliance Specialist	Veronica.howat@centennialcoal.com.au M: 04 2843 8795 P: 02 4935 8963
Kieran J. Fiatarone Environment and Community Coordinator	Kieran.J.Fiatarone@centennialcoal.com.au M: 04 3646 5071 P: 02 9266 2783

Any other Centennial personnel who contributed to the IEA are included in **Section 1.4.1**.

1.4. IEA Methodology

The IEA has been completed as per the *Independent Audit Post Approval Requirements* (DPHI 2020). The site component of the IEA occurred on 03 and 04 June 2025. Chris Jones and David Price were present onsite over these two days. Information was provided by Centennial prior to, during, and following the IEA. The IEA Team also sourced information from the Centennial website.

The IEA team are independent of Centennial as defined under Section 3.1 of the Department of Planning, Housing and Infrastructure's (DPHI) *Independent Audit Post Approval Requirements* (2020). The endorsement of this IEA team by DPHI is attached in **Appendix D**. The methodology for the IEA consisted of the following key steps:

- Reviewing key documents provided by Centennial prior to the IEA.
- Consultation with relevant government agencies as per the *Independent Audit Post Approval Requirements* (DPHI, 2020) requirements prior to the site component.
- Site component of the IEA, which included introductory and close out meetings, as well as inspections and discussions with key Centennial personnel.
- While on site the IEA team assessed the approvals and documentation outlined in **Section 4**. IEMA also reviewed additional documentation provided by Centennial following the site inspection.
- Photographs taken during the site inspection are included in **Appendix A**. A large amount of evidence was viewed and collected as part of the IEA, including monitoring records, reports, and correspondence. While this key evidence has been referenced in **Section 2**, it has not been attached to this IEA report.
- Two rounds of client review and comment were received on the compliance spreadsheet and draft IEA report, prior to finalisation.

1.4.1. Key Meetings and Attendees

An opening meeting and closing meeting were both held for the IEA. At the opening meeting introductions were made by each of the meeting attendees and Centennial personnel provided background details regarding the site to the IEA team. **Table 2** lists those present at these meetings.

Table 2 – Meeting Attendees

Name	Role and Company
Opening Meeting – 03/06/2025	
Chris Jones	Principal Consultant IEMA - Lead Auditor
David Price	Senior Consultant IEMA - Assistant Auditor
Veronica Howat	Centennial - Environmental Risk & Compliance Specialist
Kieran J. Fiatarone	Centennial - Environment and Community Coordinator
Nick Krajewski	Centennial - Technical Services Manager
Terry O'Brien	Centennial - Mine Manger
Closing Meeting – 04/06/2025	
Chris Jones	Principal Consultant IEMA - Lead Auditor
David Price	Senior Consultant IEMA - Assistant Auditor
Veronica Howat	Centennial - Environmental Risk & Compliance Specialist
Kieran J. Fiatarone	Centennial - Environment and Community Coordinator
Terry O'Brien	Centennial - Mine Manger

1.4.2. Field Inspection

Chris Jones (Lead Auditor) and David Price (Assistant Auditor) completed a site inspection on 03 and 04 June 2025 to verify field components of the IEA.

Areas visited included:

- Workshop.
- Materials/Equipment Yard.
- Wangi Creek Restoration Area.
- Emergency Coal Stockpile Area.
- Mine Water Settling Ponds.
- Licenced Discharge Points 9 and 10.

Some non-compliance and improvement recommendations were made, and these have been provided in **Section 5** and **Section 6**.

1.5. Consultation Requirements

Table 3 outlines the stakeholder consultation completed for the IEA, undertaken in accordance with the *Independent Audit Port Approval Requirements* (DPHI, 2020). The responses have been provided as **Appendix E**.

Table 3 – Stakeholder Consultation for the IEA

Regulator	Contact Details	Comment from Stakeholder	IEA Team Response
DPHI	Laura Gothard Senior Compliance Officer Laura.gothard@dpie.nsw.gov.au	NSW Planning have no additional requirement other than to carry out the IEA in accordance with IAPAR 2020 and the conditions of consent.	No response required
Resources Regulator	Jenny Ehmsen Principal Compliance Auditor info@sys.resources.nsw.gov.au	<p>The independent environmental audit should provide an assessment of compliance with the requirements of Schedule 8A Standard conditions of mining leases, Part 2 Standard conditions, as set out in the Mining Regulation 2016.</p> <p>The audit should note observations where rehabilitation procedures, practices and outcomes represent best industry practice. It would be appreciated if a copy of the final audit report could be sent to the Regulator at info@sys.resources.nsw.gov.au upon completion of the audit.</p>	<p>IEMA has assessed compliance with the requirements of Schedule 8A Standard conditions of mining leases, Part 2 Standard conditions, as set out in the Mining Regulation 2016 (see Appendix B (Compliance Assessment)).</p> <p>Rehabilitation conditions assessed as part of the IEA (see Appendix B (Compliance Assessment)). There has been no longterm rehabilitation associated with the project as areas are required for active mining.</p> <p>IEMA provides a final report to Centennial for submission. It is Centennials responsibility to provide a copy of the final audit report to the Resources Regulator.</p>
Fisheries NSW	Craig Blout Senior Fisheries Manager – Coastal Systems Unit	No comment provided.	No response required

Regulator	Contact Details	Comment from Stakeholder	IEA Team Response
	Craig.blout@dpi.nsw.gov.au		
Lake Macquarie Council	council@lakemac.nsw.gov.au	Automatic reply. No comment provided.	No response required.
Central Coast Council	Peter Sheath Section Manager – Bushfire and Flood Risk Management Peter.Sheath@centralcoast.nsw.gov.au	Central Coast Council has no feedback, given that this activity is proposed outside of the Central Coast Local Government Area.	No response required.
Community Consultative Committee (CCC) Chairperson	Gerard Martin Gerardmartin28@gmail.com	No comment provided.	No response required.

1.6. Statement of Independence

We can confirm independence based on the following:

- No one from the IEA team is related to any proponent, owner, operator or other entity involved in the delivery of the project. Such a relationship includes that of employer/employee, a business partnership, sharing a common employer, a contractual arrangement outside an Independent Audit, or that of a spouse, partner, sibling, parent, or child.
- No one from the IEA team has any pecuniary interest in the project, proponent or related entities. Such an interest includes where there is a reasonable likelihood or expectation of financial gain (other than being reimbursed for performing the Audit) or loss to the auditor, or their spouse, partner, sibling, parent, or child.
- No one from the IEA team have provided services (not including independent reviews or auditing) to the current project with the result that the audit work performed by themselves or their company, except as otherwise declared to the Department prior to the audit.
- No one from the IEA team is an Environmental Representative for the Project.
- No one from the proposed IEA team can or has accepted any inducement, commission, gift or any other benefit from auditee organisations, their employees or any interested party, or knowingly allow colleagues to do so.

2. DOCUMENTS REVIEWED AND REFERENCED

Key documentation reviewed as part of the IEA includes:

- PA 10_0080 (including associated Management Plans).
- PA 10_0080 Statement of Commitments.
- EPL 366.
- Various mining leases (ML1632, ML1370, MPL334, ML1880).
- Status of previous IEA recommendations.
- Training and Induction records.
- Annual Reviews – 2022, 2023 and 2024.
- Monitoring results for meteorological, noise, air, and water – including real time results.
- Environmental inspections.
- Consultation evidence from regulators, including approval letters and responses to exceedances/non-compliances.
- EPL Annual Returns – submitted throughout the IEA period.
- Complaints log.
- Rehabilitation Cost Estimate Security.
- Maintenance and calibration records.
- CCC Meeting Minutes – throughout the IEA period.

3. ASSESSMENT OF COMPLIANCE

The terms used in the IEA to describe the level of compliance of the site with the relevant approval documentation are outlined in **Table 4**. These are requirements of the DPHI's *Independent Audit Post Approval Requirements (2020)*.

Table 4 - Compliance Assessment Criteria

Status	Description
Compliant	The auditor has collected sufficient verifiable evidence to demonstrate that all elements of the requirement have been complied with within the scope of the audit.
Non-compliant	The auditor has determined that one or more specific elements of the conditions or requirements have not been complied with within the scope of the audit.
Not triggered	A requirement has an activation or timing trigger that has not been met during the temporal scope of the audit being undertaken (may be a retrospective or future requirement), therefore an assessment of compliance is not relevant.

4. APPROVALS AND DOCUMENTATION

4.1. Previous IEA Recommendations

During the IEA Centennial provided an update on outstanding IEA actions. Of the 4 non-compliant recommendations and 8 improvement recommendations identified during the 2022 IEA, all had since been completed and closed off as listed in **Table 5** below.

Table 5 - Non-Compliance Action Status from 2022 IEA Report (Reported by Centennial in the 2024 Annual Review)

2022 IEA Item No.	Condition Reference	IEA Recommendation	Myuna Proposed Actions	By when	Action Status
NC REC 1	PA 10_0080 Schedule 3, Condition 13	Update Noise Management Plan to ensure consistency with site operations/monitoring undertaken.	Myuna Colliery will revise the Northern Region Noise Management Plan– Appendix B.	31/03/2023	Complete
NC REC 2	EPL 366 M2.3	Liaise with the EPA regarding the frequency of monitoring at LDP 9. The daily discharge monitoring is overly onerous for a site that has met water quality criteria in Condition L2.4 for numerous years. These discussions may result in an EPL variation.	Myuna Colliery has submitted a licence variation with the EPA to change the frequency of monitoring at LDP 9.	-	Complete
NC REC 3	EPL 366 M2.4	Request condition M2.4 becomes a 'note' in the next EPL variation as relates to Condition M2.3.	See R2 MYU 2022 IEA as above.	-	Complete
NC REC 4	EPL 366 M5.1	Any future data loss from the Automatic Weather Station should be reported in the Annual Review and EPL Annual Return, along with details of how the issue has been rectified.	Myuna Colliery will report future data loss from the AWS in the Annual Review and EPL Annual Return with details on how the issue has been rectified. A note will be included in the Monthly Website report concerning data continuity.	-	N/A
IMP Rec 1	PA 10_0080 Schedule 3, Condition 13	IEMA recommends that the external noise consultant undertakes real-time monitoring when doing attended monitoring rather than continuous real-time monitoring at the site.	Myuna Colliery will investigate feasibility of external noise consultant undertaking real-time monitoring during attended monitoring.	-	N/A
IMP Rec 2	PA 10_0080 Schedule 3, Condition 22	Update the Water Management Plan to include the following: <ul style="list-style-type: none"> Additional details explaining that the first flush tank can also discharge to Wangi Creek during overflow conditions. Revised water schematic and updated figures throughout. 	Myuna Colliery will revise the Water Management plan with consideration of the changes noted in IMP REC 2.	31/03/2023	Complete

2022 IEA Item No.	Condition Reference	IEA Recommendation	Myuna Proposed Actions	By when	Action Status
		<ul style="list-style-type: none"> Additional column in Table 3-1 to list where water goes to. Justification of why monitoring groundwater alluvial bores is no longer required at the site. Justification of why monitoring of coal seam aquifers not possible. Proposed monitoring changes (monthly to quarterly) based on a high level of compliance for many years. Inclusion of groundwater trigger values based on the proposed changes to groundwater monitoring. Review of TARPs and monitoring requirements in relation to alluvial monitoring and reflect current operations. 			
IMP Rec 3	PA 10_0080 Schedule 3, Condition 24	Undertake minor repair to access tracks to clean water drain around site boundary (near conveyors) following high rainfall (note now complete).	Completed since audit.	-	Complete
IMP Rec 4	PA 10_0080 Schedule 3, Condition 24	Undertake minor reshaping of the waste storage area and laydown additional gravel to improve water flow in periods of heavy rainfall.	Myuna Colliery undertakes ongoing maintenance of the waste sorting area which includes the stabilization of ground with material and drainage improvement works.	-	Complete
IMP Rec 5	PA 10_0080 Schedule 3, Condition 27	Inform NRAR of the breach of Wangi Creek Bed into Myuna Canal. Remediation to Wangi Creek is proposed to be undertaken in consultation with relevant departments and technical experts. Centennial Myuna should then prepare and implement a remediation plan for these works.	Myuna Colliery will prepare and implement a remediation plan for the Wangi Creek breach into the Myuna Canal. Remediation will be undertaken in consultation with relevant departments.	30/06/2023	Complete

2022 IEA Item No.	Condition Reference	IEA Recommendation	Myuna Proposed Actions	By when	Action Status
IMP Rec 6	EPL 366 A2.1	Update Plan in next EPL Variation to remove portion of ML 1632 transferred to Chain Valley from premises boundary.	Myuna Colliery will update Plan PC7301, 10/02/2021 to reflect recent changes to ML1632.	31/09/2023	Complete
IMP Rec 7	EPL 366 L5.6	Request removal of requirement to locate noise monitoring equipment within 1 metre of a dwelling façade when assessing LA1(1minute) noise limits as part of next EPL variation.	Myuna Colliery will apply for an EPL variation as per the recommendation of IMP REC 7 and IMP REC 8.	-	Complete
IMP Rec 8	EPL 366 M4.1	Liaise with EPA to standardise condition M4.1 (noise monitoring frequency) with other Centennial Operations.		-	Complete

4.2. Development Consent

The IEA assessed the Myuna Project Approval PA 10_0080 as well as the associated PA 10_0080 Statement of Commitments. Recommendations relating to the Development Consent are outlined in **Section 5** and **Sections 6** of this IEA Report.

4.3. Environment Protection Licence

Myuna operates under EPL 366, which has an anniversary date of 01 January. Recommendations relating to the EPL are outlined in **Sections 6** of this IEA Report.

4.4. Management Plans and Programs

Myuna operates under a number of different management plans. Some are regional management plans that cover all of Centennials Northern Operations including Mandalong Mine, Myuna Colliery, Awaba Colliery, Newstan Colliery and Northern Coal Services and some are site-specific to Myuna Colliery. IEMA focussed on the approved management plans for this audit as summarised in **Table 6** below.

Table 6 – Approved Myuna and Northern Region Management Plans

Development Consent Condition	Management Plan	Document Date	Summary of Management Plan	Compliance Assessment
Centennial Northern Region Plans				
Schedule 3, Condition 19	Northern Region Air Quality and Greenhouse Gas Management Plan	August 2023	Outlines air quality and greenhouse gas management at Centennial's northern operations. Appendix B is specific to Myuna Colliery.	Compliant for the preparation of the Air Quality and Greenhouse Gas Management Plan. Centennial were deemed <u>non-compliant</u> on the implementation of the Northern Region Air Quality and Greenhouse Gas Management Plan. During the audit period there were three instances where the site missed a monthly depositional dust monitoring event.
Schedule 3, Condition 13	Northern Region Noise Management Plan	March 2023	Outlines noise management at Centennial's northern operations. Appendix B is specific to Myuna Colliery.	Compliant for both the preparation and implementation of the Noise Management Plan.
Schedule 3, Condition 28	Northern Region Biodiversity Management Plan	May 2022	Outlines management of biodiversity at Centennial's northern operations. Appendix I is relevant to Myuna Colliery.	Compliant for both the preparation and implementation of the Biodiversity Management Plan.
Schedule 3, Condition 29	Northern Region Aboriginal Cultural Heritage Management Plan	August 2019	Outlines Aboriginal cultural heritage management at Centennial's northern operations. Attachment 4 is specific to Myuna Colliery.	Compliant for both the preparation and implementation of the Northern Region Aboriginal Cultural Heritage Management Plan.
Myuna Colliery Plans				

Development Consent Condition	Management Plan	Document Date	Summary of Management Plan	Compliance Assessment
Schedule 3, Condition 22	Centennial Myuna Pty Ltd Water Management Plan	June 2023	<p>Site specific Water Management Plan that outlines the water management requirements that apply to all operations at Myuna Colliery and include the existing and approved operations and associated infrastructure within the site boundary. The overarching WMP consists of the following subplans:</p> <ul style="list-style-type: none"> • Site Water Balance. • Erosion and Sediment Control Plan. • Surface Water Management Plan. • Groundwater Monitoring Program. • Surface and Ground Water Response Plan. 	<p>Site was compliant for the preparation of the Water Management Plan and its associated subplans.</p> <p>However, Centennial were deemed <u>non-compliant</u> for the implementation of the Surface Water Management Plan subplan. During the audit period there were two instances where site failed to undertake monitoring during discharge events.</p>
Schedule 5, Condition 1	Myuna Colliery Environmental Management Strategy	June 2017	Management framework to identify and control potential environmental impacts and to achieve compliance with environmental legislation and regulatory requirements.	Compliant for both the preparation and implementation of the Myuna Colliery Environmental Management Strategy.
Schedule 3, Condition 35	Myuna Colliery Rehabilitation Management Plan For Large Mines	December 2023	Rehabilitation Management Plan (RMP) that relates to the operations at Myuna Colliery.	<p>Compliant for both the preparation and implementation of the Myuna Colliery Rehabilitation Management Plan For Large Mines.</p> <p>There has been no longterm rehabilitation associated with the project as areas are required for active mining.</p>
Schedule 3, Condition 8	Myuna Colliery Extraction Plan	October 2024	Extraction Plan that has been developed to support the Secondary extraction of Panels 1121 and 1123.	Compliant for both the preparation and implementation of the Myuna Colliery Extraction Plan.
Schedule 3, Condition 34A	Myuna Colliery Rehabilitation Strategy	August 2023	Rehabilitation Strategy that relates to the operations at Myuna Colliery.	<p>Compliant for the preparation of the Rehabilitation Strategy and not triggered for the implementation of the strategy.</p> <p>There has been no longterm rehabilitation associated with the project as areas are required for active mining.</p>

4.5. Mining Leases

The tenements that were reviewed as part of the IEA are displayed in **Table 7**.

Table 7 - Mining Leases

Old Mining Leases (Prior to 2 July 2022)	New Mining Leases (Post 2 July 2022)
ML1632	ML1632
ML1370	ML1370
MPL334	MPL334
	ML1880

The site had a high level of compliance with these leases. The non-compliances around completion of the Annual Rehabilitation Reports and Forward Programs (from the Mining Act Amendment - Standard Mining Lease Conditions) were consistent across the Centennial group. This related to a confusion with timing due to the new process.

4.6. Complaints

A summary of complaints is outlined in the Annual Review and Complaints Log. Evidence was provided to the IEA team regarding the investigation and reporting of complaints. There was only one complaint relating to odour during rockhead drilling for the 2022 Geotechnical Exploration Project. A summary of complaints during the IEA period is provided in **Table 8**.

Table 8 - Number of complaints since last IEA

Year	Total Complaints	Topic
21 June to 31 December 2022	1	Odour
2023 (Calendar Year)	0	-
2024 (Calendar Year)	0	-
1 January to 4 June 2025	0	-
Total	1	Odour

4.7. Reportable Environmental Incidents

4.7.1. Incident Definitions from Project Approval

PA 10_0080 defines the following:

Incident: *A set of circumstances that:*

- *causes or threatens to cause material harm to the environment; and/or*
- *breaches or exceeds the limits or performance measures/criteria in this approval*

Material harm to the environment: *Actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial*

4.7.2. Incident Condition from Consent

Incident Reporting - Schedule 5, Condition 7 of PA_0080 states:

The Applicant must notify, at the earliest opportunity, the Secretary and any other relevant agencies of any incident that has caused, or threatens to cause, material harm to the environment. For any other incidents associated with the project, the Applicant must notify the Secretary and any other relevant agencies as soon as practicable after the Applicant becomes aware of the incident. Within 7 days of the date of the incident, the Applicant must provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.

Reportable incidents during the IEA period were outlined in the Annual Reviews, EPL Annual Returns as well as site records of investigation and reporting. A summary of these incidents is provided in **Table 9**. With the evidence provided to the Audit Team, there were no reportable incidents identified for 2025.

In summary there are two types of incidents:

- Material harm incidents (as per definition above);
- Other incidents that do not constitute material harm (still reportable but not at the earliest opportunity)

Table 9 - Incidents within the IEA period (Based on Site Records provided to IEMA)

Date	Incident Summary	Was Immediate Reporting required for incident? <i>ie. Material harm incident</i>	Was the 7-day incident report completed? <i>(this is required for all incidents)</i>	Was there a non-compliance against an approval?	Follow-up actions (provided by Centennial in Annual Reviews)
21 June to 31 December 2022					
5 September 2022	On the 5th of September 2022 Centennial Myuna were unable to analyse the depositional dust gauge "DG1" for the monitoring period 5 August 2022 to 5 September 2022. The glass container used in DG1 was found broken at the time of recovery and unable to be analysed at the laboratory.	No as no material harm.	7-Day Report provided to DPHI on 12 September 2022.	Reported as a non-compliance against Schedule 3, Condition 17 in the 2022 Annual Review.	Review of dust gauges was completed onsite.
6 September 2022	On the 6th of September 2022 Centennial Myuna failed to collect the daily grab sample for water quality at Licenced Discharge Point B (LDPB) ((EPL Point 9)). CBASED notified Centennial Myuna on 26 September 2022 and provided an incident report provided on 28 September 2022.	No as no material harm.	7-Day Report provided to DPHI on 4 October 2022.	PA10_0080 Schedule 3, Condition 25	A duplicate sample was taken for the following day. No further action to be taken.
2023					
12 January 2023	On the 12th of January 2023 Centennial Myuna failed to collect the daily grab sample for water quality at Licenced Discharge Point B (LDPB (EPL Point 9)).	No as no material harm.	7-Day Report provided to DPHI on 18 January 2023.	PA10_0080 Schedule 3, Condition 25	The Myuna WMP has since been updated to reduce monitoring requirements to Monthly rather than daily. No further action to be taken.

Date	Incident Summary	Was Immediate Reporting required for incident? <i>ie. Material harm incident</i>	Was the 7-day incident report completed? <i>(this is required for all incidents)</i>	Was there a non-compliance against an approval?	Follow-up actions (provided by Centennial in Annual Reviews)
26-28 January 2023	Failure to monitor discharge volume at LDP 9. The flow monitoring controller card of the Mace real-time monitoring system failed.	No as no material harm.	Reported in the Website Report (January 2023) and the Annual Return (February 2024).	EPL366 M8.1	Instrument downtime due to temporary breakdowns is expected as per the EPA Guidelines for Publishing Monitoring Data. The monitoring equipment is cleaned, maintained, and calibrated routinely.
4 October 2023	Centennial Myuna were unable to sample the depositional dust gauge "DG1" for the period 4 September to 4 October 2023. The glass container used in DG1 was found on the ground adjacent to the dust gauge, likely subject to public interference.	No as no material harm.	7-Day Report provided to DPHI on 5 October 2023.	Reported as a non-compliance against Schedule 3, Condition 17 of PA10_0080 and M2.2 of EPL366 in the 2023 Annual Review.	Fence lines are routinely inspected with ongoing repairs required due to public intervention.
2024					
1 November 2024	<p>Depositional dust gauge DG1 for the monitoring period 2 October 2024 to 1 November 2024 was unable to be analysed as the glass container for the dust gauge was unable to be located.</p> <p>The investigation into the displacement of the dust gauge is inconclusive. The most probable reason the container for the dust gauge was missing, is due to public interference.</p>	No as no material harm.	7-day report provided on 4 November 2024	PA10_0080 Schedule 3, Condition 19 EPL366 M2.2	<p>Replaced dust gauge, and investigated the cause of the displacement (inconclusive).</p> <p>Reviewed air quality data for previous 12 months - no non-compliances for past 12-month period.</p> <p>Ongoing inspections and repairs of property boundary fence completed.</p> <p>Incident Notification and Incident Report submitted to DPHI on 4 November 2024.</p>



4.8. Comparison Against Predictions

Section 6 of the Centennial Coal Myuna Colliery Annual Reviews provide an assessment of environmental performance that covers aspects including noise, air quality, greenhouse gas, biodiversity, heritage and mine subsidence. Section 7 of the Annual Reviews includes details of surface water and groundwater monitoring and management.

The site has generally been within Development Consent and EPL criteria, with these predicted to be the case in the Environmental Assessment and modifications. The Annual Reviews discuss this information in specific sub sections.

It should be noted that management plans e.g. Water Management Plan have triggers which relate to predictions/background data. Hence the site continues to report against predictions and triggers through the Annual Review process and water reporting.

5. IEA FINDINGS – SUMMARY OF NON-COMPLIANCES

Table 10 outlines the summary of non-compliances and proposed recommendations relating to the key approvals. Some of these conditions have an improvement recommendation rather than a non-compliance recommendation. This is the case where the recommendation does not specifically relate to the non-compliant part of the condition.

Additional improvement recommendations are outlined in **Section 6**.

Table 10 – Summary of Non-Compliances within the IEA period

Schedule and Condition Number	Condition	Details	Recommended Action
PA 10_0080			
Schedule 3, Condition 19	<p>The Applicant must prepare and implement an Air Quality & Greenhouse Gas Management Plan for the project to the satisfaction of the Secretary. This plan must:</p> <p>(a) be prepared in consultation with EPA, and submitted for approval to the Secretary within 7 months of the date of this approval;</p> <p>(b) describe the measures that would be implemented to ensure compliance with the relevant conditions of this approval, including the proposed air quality management system;</p> <p>(c) include an air quality monitoring program, that:</p> <ul style="list-style-type: none"> • uses a combination of volumetric sampling and dust deposition gauges to evaluate the performance of the project; • monitors greenhouse gas emissions, particularly methane; and • includes a protocol for determining exceedances with the relevant conditions of this approval; <p>(d) describe the measures that would be implemented to minimise the release of greenhouse gas emissions from the site, particularly methane.</p> 	<p><u>Non-Compliances</u></p> <p>Data Loss - 2022 (Broken dust gauge)</p> <p>Data Loss - 2023 (Broken dust gauge)</p> <p>Data Loss - 2024 (Missing dust gauge)</p> <p>Therefore, IEA have assessed site as being non-compliant with Condition 19(c).</p>	No recommended action
Schedule 3, Condition 25	<p>The Surface Water Management Plan must:</p> <p>(a) include detailed baseline data on surface water flows and quality of Wangi Creek;</p> <p>(b) provide a geomorphic description of Wangi Creek up and downstream of the mine water discharge point;</p>	<p><u>Non-compliance - 2022</u></p> <p>Non-compliant for failure to collect Grab Sample at LDPB Monitoring Point 9 During Daily Discharge on September 6, 2022. The missed sample is due to a contractor rescheduling miscommunication. No adverse environmental effects due to the incident. A duplicate sample was taken for the following day. No further action to be taken. Notification letters sent to</p>	No recommended action

Schedule and Condition Number	Condition	Details	Recommended Action
	<p>(c) detail surface water quality and stream health assessment criteria, including trigger levels for investigating any potentially adverse surface water impacts;</p> <p>(d) provide a program to monitor:</p> <ul style="list-style-type: none"> • surface water discharges from the surface facilities sites; • stream health, channel stability, water flows and water quality within Wangi Creek; and • water quality of Lake Macquarie; <p>(e) investigate mitigation and management measures to prevent/limit any incision and degradation of the channel of Wangi Creek from mine discharge water;</p> <p>(f) include a detailed review of water management at the Myuna Colliery surface facilities site, with particular reference to the water storages within the dirty water management system and in consultation with EPA, to:</p> <ul style="list-style-type: none"> • determine whether the capacity, integrity, retention time and management of the dirty water storages (particularly the CHP Dam) are sufficient to ensure that water discharged from the site meets all relevant ANZECC water quality criteria, including for metals and suspended solids; • assess all reasonable and feasible options for reducing salt load and/or salt concentration for discharges into Wangi Creek; • assess appropriate options to improve storage and retention times in accordance with The Blue Book - Managing Urban Stormwater (MUS): Soils and Construction (Landcom); and • propose upgrades of the dirty water storages sufficient that discharges meet all relevant ANZECC criteria; and • propose any other appropriate changes to the water management system; and <p>(g) identify and assess practical measures to minimise potable water consumption, maximise recycled water use and improve the management</p>	<p>DPHI and EPA on 4 October 2022 and reported in the Annual Return.</p> <p><u>Non-compliance - 2023</u></p> <p>Non-compliant for failure to collect grab sample at LDP 9 during daily discharge on 12 Jan 2023. LDP 9 was not discharging at time when sampler arrived on site. Underground transfer pump triggered on later in the afternoon. No adverse environmental effects due to the incident. The Myuna WMP has since been updated to reduce monitoring requirements to Monthly rather than daily. No further action to be taken. Notification letters sent to DPHI (January 2023).</p>	

Schedule and Condition Number	Condition	Details	Recommended Action
	<p>of sewage and surface rainfall runoff for the project, including quantifying the abatement potential of identified measures and their related costs and benefits.</p> <p><i>Note: The Secretary may require the Applicant to implement upgrades and other changes identified under paragraph (f), in accordance with condition 4 of schedule 2. EPA may also require measures to be implemented under the terms of the site's environment protection licence.</i></p>		
EPL 366			
O1.1	<p>Licensed activities must be carried out in a competent manner.</p> <p>This includes:</p> <p>a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and</p> <p>b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.</p>	<p>Four Hydrocarbon IBCs labelled as Fuchs Titan Supergear SAE 80W-90 incorrectly stored (not banded) adjacent to waste sorting area. Does not meet AS1940 (see Appendix A, Photograph 23).</p>	<p>NC REC 01: Store IBCs as per AS1940 standards.</p>
M2.2	<p>Air Monitoring Requirements</p>	<p><u>Non-compliance - 2022</u></p> <p>Non-compliant for lost Depositional Dust Sample on 5 September 2022 from DG1 as described in EPL366 and PA10_0080. The glass container for the dust gauge was found broken in situ at the time of recovery. The root cause of the damage is unknown. No adverse effect or impacts due to the incident. Review of dust gauges was completed onsite. Reported in the Monthly website report (October), the 2022 Annual Return (February 2023) and reported to the DPHI by letter (September 2022).</p> <p><u>Non-compliance - 2023</u></p> <p>Lost Depositional Dust Sample on 27 September 2023 at DG1 as described in EPL366 and PA10_0080. The glass container for the dust gauge was found broken in situ at the time of recovery. The</p>	<p>No recommended action</p>

Schedule and Condition Number	Condition	Details	Recommended Action
		<p>root cause of the damage is unknown. The depositional dust gauge sample at DG1 for the period 4 September 2023 to 4 October 2023 was unable to be analysed as the glass container for the dust gauge was found on the ground. Fence lines are routinely inspected with ongoing repairs required due to public intervention. Reported in the monthly website report (November 2023), The Annual Return (February 2024) and notified to DPPI via letter (5 October 2023).</p> <p><u>Non-Compliance - 2024</u></p> <p>On the 1st of November 2024 the depositional dust gauge DG1 for the monitoring period 2 October 2024 to 1 November 2024 was unable to be analysed as the glass container for the dust gauge was unable to be located. The investigation into the displacement of the dust gauge, is inconclusive. The most probable reason the container for the dust gauge was missing, is due to public interference. Replaced dust gauge, and investigated the cause of the displacement (inconclusive) Reviewed air quality data for previous 12 months - no non-compliances for past 12-month period. Ongoing inspections and repairs of property boundary fence completed Incident Notification and Incident Report submitted to DPPI on 4 November 2024.</p>	
M2.3	Water and/ or Land Monitoring Requirements	<p>There was a missed water sample on 6 Sep 2022 at LDP 9.</p> <p>Note: at the time, this EPL required daily monitoring during discharge.</p>	No recommended action
M8.1	<p>For each discharge point or utilisation area specified below, the licensee must monitor:</p> <p>a) the volume of liquids discharged to water or applied to the area;</p>	<p><u>Non-compliance - 2023</u></p> <p>Failure to monitor volume of discharge at LDP 9 on 26 – 28th January 2023. The flow monitoring controller card of the Mace real-time monitoring system failed.</p>	No recommended action



Schedule and Condition Number	Condition	Details	Recommended Action
	b) the mass of solids applied to the area; c) the mass of pollutants emitted to the air; at the frequency and using the method and units of measure, specified below.	The flow monitoring controller card was replaced on Monday the 28th of January 2023. Instrument downtime due to temporary breakdowns is expected as per the EPA Guidelines for Publishing Monitoring Data. The monitoring equipment is cleaned, maintained, and calibrated routinely. Reported in the Website Report (January 2023) and the Annual Return (February 2024).	
Mining Amendment			
Part 2, Division 3, Condition 13(1)	The holder of a mining lease must prepare a program (a forward program) for the mining lease that includes the following— (a) a schedule of mining activities for the mining area for the next 3 years, (b) a summary of the spatial progression of rehabilitation through its various phases for the next 3 years, (c) a requirement that the rehabilitation of land and water disturbed by mining activities under the mining lease must occur as soon as reasonably practicable after the disturbance occurs.	The Myuna 2022 Forward Program was due on 1 August 2022. Centennial failed to submit the 2022 forward program to the Regulator as required. Based on site discussions there was no Forward Program developed for the period 2 July - 31 December 2022 due to the confusion over the rehabilitation reforms. The first Forward Program completed by Myuna covered the 2023 - 2025 calendar years. This is considered to be a non-compliance due to the Forward Program gap of 2 July - 31 December 2022.	No recommended action
Part 2, Division 3, Condition 13(2)	The holder of a mining lease must prepare a report (an annual rehabilitation report) for the mining lease that includes— (a) a description of the rehabilitation undertaken over the annual reporting period, (b) a report demonstrating the progress made through the phases of rehabilitation provided for in the forward program applying to the reporting period, (c) a report demonstrating progress made towards the achievement of the following— (i) the objectives set out in the rehabilitation objectives statement,	Centennial provided a copy of 2022 Annual Rehabilitation Report (covering the calendar year Jan-Dec 2022). This is not comparing to the previous Forward Program, as the first Forward Program covered 2023 - 2025 calendar years. This is considered non-compliant with part b) due to the incorrect date of the Annual Rehabilitation Report. The actual period (i.e. the Forward Program period) the site is comparing to did not exist in Centennial documentation.	No recommended action

Schedule and Condition Number	Condition	Details	Recommended Action
	(ii) the criteria set out in the rehabilitation completion criteria statement, (iii) for large mines—the final land use as spatially depicted in the final landform and rehabilitation plan.		
Part 2, Division 3, Condition 15(1)	The holder of a mining lease must do the following before the end of the initial period— (a) prepare a rehabilitation management plan, and (b) prepare rehabilitation outcome documents and give them, other than the rehabilitation completion criteria statement, to the Secretary for approval, and (c) prepare a forward program and give it to the Secretary.	Forward program wasn't developed for the period 2 July - 31 Dec 2022. See earlier conditions regarding timings and details. First Forward Program is dated 31 March 2023 and covers 2023 - 2025 calendar year. See Condition 13(1) for more details.	No recommended action
Part 2, Division 3, Condition 15(2)	The holder of the mining lease must prepare a forward program and annual rehabilitation report and give them to the Secretary before— (a) 60 days after the last day of each annual reporting period, commencing with the annual reporting period in which the forward program was given to Secretary under subclause (1)(c), or (b) a later date approved by the Secretary.	Based on site discussions there was no Forward Program developed for the period 2 July-31 December 2022 due to the confusion over the rehabilitation reforms. The first Forward Program completed by Myuna covered the 2023 - 2025 calendar years. This is considered to be a non-compliance due to the Forward Program gap of 2 July-31 December 2022.	No recommended action

6. ADDITIONAL RECOMMENDED ACTIONS

Additional recommendations relating to compliant conditions or aspects identified in the field (where they have not already been listed in **Table 10** are outlined within **Table 11**.

Table 11 - Additional Recommendations

Aspect	Condition Reference	Improvement REC Number	Recommendations
PA 10_0080			
Water	Schedule 3, Condition 22	IMP REC 01	Provide a summary of the quarterly surface water monitoring sites in the Annual Review. This should include data analysis. This monitoring is required as per Section 4.2 of the Water Management Plan and is required for upstream of LDP009 (Wangi Creek), downstream of LDP009 (Wangi Creek) and Wangi Lake.
	Schedule 3, Condition 25	IMP REC 02	Coordinate inspection of Wangi Creek work with NSW Soil Conservation Service (SCS). Additional remediation work may be required.
	Schedule 3, Condition 26	IMP REC 03	Update Water MP to be consistent as current groundwater monitoring is annually and quarterly in different locations. The text should be updated to be quarterly.
		IMP REC 04	Include pH results in the Annual Reviews as per Section 5.3.4 of the Water MP.
Waste	Schedule 3, Condition 31	IMP REC 05	Consider options to manage surface waste to reduce the risk of wind-blown rubbish and pests.
		IMP REC 06	Investigate options in the waste sorting area to reduce the risk of dirty water entering the clean water catchment.
Bushfire	Schedule 3, Condition 32	IMP REC 07	To maintain consistency with Sections 1.3.4 and 4.3 of the Bushfire Management Plan, repair damaged fences around the pit top.
EPL 366			
Air	M2.2	IMP REC 08	Centennial to review whether DG 1 is required for ongoing compliance monitoring due to site having good history of compliance against criteria. This would require liaison with EPA and if agreed by EPA, this would require an update to the AQGHGMP and EPL.

7. CONCLUSION AND POSITIVE ENVIRONMENTAL MANAGEMENT

7.1. General Compliance Summary

Non-compliances generally related to:

- Missed water sampling during daily discharge at LDP 9.
- Lost air quality monitoring data (broken dust gauges).
- Hydrocarbon storage – field observations.
- Failure to monitor discharge volume at LDP 09.
- Reporting timelines relating to forward program and annual rehabilitation reporting under the Mining Act Amendment - Standard Mining Lease Conditions.

Other Improvements (not specifically associated to a non-compliances) related to:

- Waste storage in the waste bunker at the Materials/Equipment storage yard.
- Annual reporting and documentation updates relating to water.
- Repairing boundary fencing.
- Liaising with the NSW SCS around creek remediation works.
- Liaising with EPA around air monitoring requirements.

7.2. Positive Environmental Performance

Myuna is an established site, and the audit team feel that the operational risks are well known.

During the IEA there were a number of positive environmental management aspects that were observed, and were considered noteworthy:

- Compliance with environmental monitoring criteria.
- Consistency with the environment team during the audit period.
- Reporting requirements.
- Compliance with monitoring programs.
- Extraction Plan and Environmental Management Plans are of a good standard and are being implemented.
- Water management across site was generally managed well.
- No erosion or sediment issues observed.
- No air quality or noise issues observed.
- Reduction in the number of complaints compared to previous audit periods.



APPENDIX A. PHOTOGRAPHS



Photograph 01 - Workshop



Photograph 02 - Workshop



Photograph 03 – Vent Shaft



Photograph 04 – Vent Shaft



Photograph 05 – Bunded hydrocarbons in the Workshop meeting AS1940.



Photograph 06 – Inside of Workshop.



Photograph 07 – Waste segregation and Spill kits.



Photograph 08 – Hydrocarbon storage in Workshop Washdown Bay.



Photograph 09 – Oily water separator.



Photograph 10 – Bunded hydrocarbon storage shed.



Photograph 11 – Empty hydrocarbon container storage.



Photograph 12 – Materials Yard.



Photograph 13 – Stone dust storage shed.



Photograph 14 – Materials/equipment storage yard.



Photograph 15 – Waste storage in Materials/equipment storage yard.



Photograph 16 – Waste storage in Materials/equipment storage yard.



Photograph 17 - Waste sorting area.



Photograph 18 – Waste sorting area.



Photograph 19 – Waste sorting area.



Photograph 20 – Waste sorting area.



Photograph 21 – Waste in the bushland adjacent to the waste sorting area.



Photograph 22 – Waste Sorting area.



Photograph 23 – Hydrocarbons incorrectly stored (not banded) adjacent to waste sorting area. Does not meet AS1940.



Photograph 24 – Damaged boundary fencing.



Photograph 25 – Damaged boundary fencing.



Photograph 26 – Clean water/Boundary fencing adjacent to Materials/Equipment Storage Yard.



Photograph 27 – Clean water/boundary fencing adjacent to Materials/Equipment Storage Yard.



Photograph 28 – Clean water diversion drain running under the waste sorting area.



Photograph 29 – Clean water diversion drain down slope of the waste sorting area.



Photograph 30 – Waste in the clean water diversion drain down slope of the waste sorting area.



Photograph 31 – Waste sorting area with IEMA recommendation of potential future location for waste sorting area.



Photograph 32 – Speed signposted across site.



Photograph 33 – CHP Dam (Mine Water Settling Pond 1).



Photograph 34 – Primary Settlement Tank.



Photograph 35 – Automated Weather Station.



Photograph 36 – Mine Water Settling Ponds 2 and 3.



Photograph 37 – High Volume Air Sampler (HVAS).



Photograph 38 – Lanatana weed on site. Weeds were generally well managed.



Photograph 39 – Lantana weed on site.



Photograph 40 – Licenced Discharge Point 9.



Photograph 41 – Licenced Discharge Point 9.



Photograph 42 – Wangi Creek remediation works. Note the unlodged bolder (see IMP REC 02).



Photograph 43 – Wangi Creek remediation works.



Photograph 44 – Emergency Coal Stockpile Area.



Photograph 45 – Emergency Coal Stockpile Dam.



Photograph 46 – Licenced Discharge Point 10.



Photograph 47 – Castor Oil weeds at Emergency Coal Stockpile Area.



Photograph 48 – Emergency Coal Stockpile Dam.



Photograph 49 –Emergency Coal Stockpile Area.



Photograph 50 – Lantana and Yellow Bells weeds.



APPENDIX B. COMPLIANCE ASSESSMENT

PA 10_0080 Centennial Myuna Pty Limited

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
SCHEDULE 2 - ADMINISTRATIVE CONDITIONS					
OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT					
1	In addition to meeting the specific performance criteria established under this approval, the Applicant must 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.	Compliant	Annual Review (2022, 2023, 2024) Site Discussions Monitoring Reports	Material harm to the environment definition: <i>Actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial.</i> Based on the information contained in the Annual Review and site discussions there doesn't appear to be any incidents that have caused, or threatened to cause, material harm to the environment during the audit period.	
TERMS OF APPROVAL					
2	The Applicant must carry out the project generally in accordance with the: (a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval. Notes: • The general layout of the project is shown in Appendix 3; and • The statement of commitments is reproduced in Appendix 5.	Compliant	Site Discussion Annual Review (2022, 2023, 2024)	Based on site discussions, the site inspection and evidence provided, IEMA believes that Centennial Myuna is operating generally in accordance with these documents. No evidence of any disturbance outside the project boundary.	
3	If there is any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of this approval shall prevail to the extent of any inconsistency.	Compliant	-	Noted	
4	The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this approval; and (b) the implementation of any actions or measures contained in these documents.	Compliant	DPHI Consultation Letters	Based on the information provided the site has liaised with DPHI and met this requirement. Management plans and annual review consultation was provided by Centennial Myuna during the audit, along with examples of consultation relating to noise exceedance with DPHI.	
LIMITS ON APPROVAL					
Mining Operations					
5	The Applicant may carry out mining operations on the site until 31 December 2032. Note: Under this approval, the Applicant is required to rehabilitate the site and perform additional undertakings to the satisfaction of both the Secretary and the Resources Regulator. Consequently, this approval will continue to apply in all other respects other than the right to conduct mining operations until the rehabilitation of the site and these additional undertakings have been carried out satisfactorily.	Compliant	-	Operations are within approval timeframe.	
Coal Extraction					
6	The Applicant must not: (a) extract more than 3 million tonnes of ROM coal from the site in any calendar year. (b) transport any coal on public roads.	Compliant	Annual Review (2022, 2023, 2024)	a) The Annual Review states the following yearly tonnages during the audit period, which are well within the approval limit of 3Mtpa: • 2022 - 1,050,621 tonnes • 2023 - 1,097,573 tonnes • 2024 - 903,667 tonnes • Centennial Myuna stated that 1,245,634 tonnes is predicted for 2025. b) All coal is transported offsite via conveyor to Eraring Power Station.	
7	The Applicant must ensure that all coal is transported from the site via the enclosed overland coal conveyor to Eraring Power Station.	Compliant	Annual Review (2022 and 2023) Site discussion	Annual Reviews (2022 and 2023) state 'All ROM coal from Myuna Colliery is transported via a privately owned overland conveyor to the Eraring Power Station.' The 2024 Annual Review did not state this.	
Hours of Operation					
8	The Applicant may undertake mining operations 24 hours a day, 7 days a week.	Compliant	Annual Review (2022 and 2023)	Annual Reviews (2022 and 2023) state hours of operation are 24/7. This is not stated in the 2024 Annual Review.	
STRUCTURAL ADEQUACY					
9	The Applicant must ensure that all new buildings and structures, and any alterations or additions to existing buildings and structure, that are part of the project are constructed in accordance with: (a) the relevant requirements of the BCA; and (b) any additional requirements of the MSB where the building or structure is located on land within declared Mine Subsidence Districts. Notes: • Under the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works; and • Deleted	Compliant	Annual Review (2022, 2023 and 2024) Siter discussion	Annual Reviews and site discussions state 'There has been no construction at Myuna Colliery during the 2022, 2023 and 2024 reporting period.'	
DEMOLITION					
10	The Applicant must ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version.	Compliant	Site discussions	Centennial Myuna site discussion stated that no demolition was undertaken within the audit period.	
OPERATION OF PLANT AND EQUIPMENT					

PA 10_0080 Centennial Myuna Pty Limited

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action					
11	The Applicant must ensure that all the plant and equipment used at the site is: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner.	Compliant	Calibration Certificates Example of Pulse live maintenance logs Evidence of Work Management System (WMS) program	No issues identified in the field, plant and equipment observed to be operating in a proper and efficient manner.						
STAGED SUBMISSION OF ANY STRATEGY, PLAN OR PROGRAM										
12	With the approval of the Secretary, the Applicant may submit any strategies, plans or programs required by this approval on a progressive basis. Notes: - While any strategy, plan or program may be submitted on a progressive basis, the Applicant will need to ensure that the existing operations on site are covered by suitable strategies, plans or programs at all times; and - 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.	Not triggered	Site discussion	Not relevant to the current site.						
CONTINUATION OF EXISTING MANAGEMENT PLANS										
13	The Applicant must continue to implement existing strategies, plans or programs that apply to existing activities on the site until they are replaced by an equivalent strategy, plan or program approved under this approval.	Compliant	-	Noted						
SCHEDULE 3 - ENVIRONMENTAL PERFORMANCE CONDITIONS										
SUBSIDENCE										
1	The Applicant must ensure that vertical subsidence within Zone A is limited to a maximum of 20 millimetres (mm) and that extraction methods are limited to first workings only.	Compliant	Subsidence Line - Morisset Peninsula (Silverwater) Review 2024	Annual Review discusses bord and pillar operations. There are no exceedances of subsidence criteria of more than 20mm as stated in Section 6.7 of the Annual Reviews. The main control is mine design.						
2	The Applicant must ensure that vertical subsidence within Zone B is limited to 650 mm and second workings are limited to partial pillar extraction within the Great Northern and Fassifern coal seams.	Compliant	Annual Review (2022- 2024)	See evidence from Section 6.7.2.1 of the 2024 Annual Review that states subsidence has been less than 650mm. No issues noted in other Annual Reviews.						
3	The Applicant must seek approval from the DSC prior to mining within the Eraring Dam Notification Area.	Not triggered	-	Not triggered during this audit period.						
Environmental Performance Measures										
4	The Applicant must ensure that the project does not cause any exceedances of the performance measures in Table 1, to the satisfaction of the Secretary. Table 1: Environmental Subsidence Impact Performance Measures <table border="1"> <tr> <td>Biodiversity Threatened species, populations or their habitats and endangered ecological communities</td> <td>Negligible impact or environmental consequences. Negligible environmental consequences including: • negligible change in the size and distribution of seagrass beds; • negligible change in the functioning of seagrass beds; and • negligible change to the composition or distribution of seagrass species within seagrass beds.</td> </tr> <tr> <td>Seagrass beds</td> <td></td> </tr> <tr> <td>Benthic communities</td> <td>Minor environmental consequences, including minor changes to species composition and/or distribution.</td> </tr> </table> Notes: • The Applicant will be required to define more detailed performance indicators (including impact assessment criteria) for each of these performance measures in the various management plans that are required under this approval (see condition 8, below). • Measurement and/or monitoring of compliance with performance measures and performance indicators is to be undertaken using generally accepted methods that are appropriate to the environment and circumstances in which the feature or characteristic is located. These methods are to be fully described in the relevant management plans. In the event of a dispute over the appropriateness of proposed methods, the Secretary will be the final arbiter.	Biodiversity Threatened species, populations or their habitats and endangered ecological communities	Negligible impact or environmental consequences. Negligible environmental consequences including: • negligible change in the size and distribution of seagrass beds; • negligible change in the functioning of seagrass beds; and • negligible change to the composition or distribution of seagrass species within seagrass beds.	Seagrass beds		Benthic communities	Minor environmental consequences, including minor changes to species composition and/or distribution.	Compliant	Survey of Benthic Communities Off Cams Wharf and Point Wolstoncroft, Lake Macquarie NSW (Apr 2025) Annual Review (2022, 2023 and 2024)	Survey of Benthic Communities Off Cams Wharf and Point Wolstoncroft, Lake Macquarie NSW (April 2025) states 'The results from the April 2025 benthic communities monitoring survey show compliance to Schedule 3 Environmental Performance Conditions in the Environmental Subsidence Impact Performance Measures table with respect to effects of Subsidence on Benthic communities which display nil to minor environmental consequences due to underground mining.' First Workings Section 6.7.2 of the 2022 and 2023 Annual Review states 'First workings to date at Myuna Colliery have been conducted with no measured or anticipated subsidence. Therefore, an assessment of impact with reference to predicted subsidence impacts is not applicable, as noted.' Secondary Workings The 2024 Annual review: • Threatened species, populations, or their habitats EEC - Compliant – No endangered species affected. • Seagrass beds - no data available at this stage. Monitoring to commence in 2025. • Benthic communities - no data available at this stage. Monitoring to commence in 2025 (see April 2025 report). Note: Threatened species: due to limited subsidence there are no impacts.
Biodiversity Threatened species, populations or their habitats and endangered ecological communities	Negligible impact or environmental consequences. Negligible environmental consequences including: • negligible change in the size and distribution of seagrass beds; • negligible change in the functioning of seagrass beds; and • negligible change to the composition or distribution of seagrass species within seagrass beds.									
Seagrass beds										
Benthic communities	Minor environmental consequences, including minor changes to species composition and/or distribution.									
Offsets										
5	If the Applicant exceeds the performance measures in Table 1 and the Secretary determines that: (a) it is neither reasonable nor feasible to remediate the impact or environmental consequence; or (b) remediation measures implemented by the Applicant have failed to satisfactorily remediate the impact or environmental consequence; then the Applicant must provide a suitable offset to compensate for the impact or environmental consequence, to the satisfaction of the Secretary. Note: Any offset required under this condition must be proportionate with the significance of the impact or environmental consequence.	Not triggered		Subsidence monitoring is completed as due diligence with no measured subsidence beyond the 20mm limit in Zone A. No performance measures have been exceeded therefore this condition is not triggered. Secondary extraction of the 1121 Panel was completed as of late 2024, with the 1123 panel to be subject to secondary extraction in mid- 2025. No monitoring for Table 1 parameters has been undertaken. No performance measures have been exceeded therefore this condition is not triggered.						
Built Features Performance Measures										

PA 10_0080 Centennial Myuna Pty Limited

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action										
6	<p>The Applicant must ensure that the project does not cause any exceedances of the performance measures in Table 2, to the satisfaction of the Secretary.</p> <table border="1"> <caption>Table 2: Built Features Subsidence Impact Performance Measures</caption> <thead> <tr> <th colspan="2">Built Features</th> </tr> </thead> <tbody> <tr> <td>Key public infrastructure: Eraring Power Station Ash Dam</td> <td>Negligible impact or consequence.</td> </tr> <tr> <td>Other public infrastructure (including sewage pipes; power and telecommunications cables). Other built features (including jetties and boat moorings)</td> <td>Always safe. Serviceability should be maintained wherever practicable. Loss of serviceability must be fully compensated. Damage must be fully repaired, replaced or fully compensated.</td> </tr> <tr> <th colspan="2">Public Safety</th> </tr> <tr> <td>Public Safety.</td> <td>Negligible additional risk.</td> </tr> </tbody> </table> <p>Notes:</p> <ul style="list-style-type: none"> The Applicant will be required to define more detailed performance indicators (including impact assessment criteria) for each of these performance measures in the various management plans that are required under this approval (see condition 8 below). Measurement and/or monitoring of compliance with performance measures and performance indicators is to be undertaken using generally accepted methods that are appropriate to the environment and circumstances in which the feature or characteristic is located. These methods are to be fully described in the relevant management plans. In the event of a dispute over the appropriateness of proposed methods, the Secretary will be the final arbiter. The requirements of this condition only apply to the impacts and consequences of mining operations undertaken following the date of this approval. Requirements regarding safety or serviceability do not prevent preventative or mitigatory actions being taken prior to or during mining in order to achieve or maintain these outcomes. 	Built Features		Key public infrastructure: Eraring Power Station Ash Dam	Negligible impact or consequence.	Other public infrastructure (including sewage pipes; power and telecommunications cables). Other built features (including jetties and boat moorings)	Always safe. Serviceability should be maintained wherever practicable. Loss of serviceability must be fully compensated. Damage must be fully repaired, replaced or fully compensated.	Public Safety		Public Safety.	Negligible additional risk.	Compliant	Annual Review (2022, 2023 and 2024)	<p>Information on underground mining is included in Section 6.7 of the Annual Review.</p> <p>First Workings Myuna Colliery has a requirement to limit vertical subsidence within Zone A to a maximum of 20mm for first workings as per Schedule 3 Condition 1 of PA10_0080. Myuna Colliery's mine design was assessed and approved on the basis that first workings are designed and mined according to industry standards so that workings are long term stable and non-subsiding (resulting in negligible impacts).</p> <p>Prior to 2024, there were only first workings at Myuna Colliery with no measured or anticipated subsidence. Therefore, an assessment of impact with reference to predicted subsidence impacts is not applicable.</p> <p>Secondary Workings Myuna Colliery has a requirement to limit vertical subsidence within Zone B to a maximum of 650mm for secondary workings as per Schedule 3 Condition 2 of PA10_0080. The 2024 Annual Review states 'There are no built features or public safety issues identified within the extraction plan area.'</p> <p>The 'Assessment of subsidence performance against performance measures and predicted Impacts' within the 2024 Annual Review stated that Built features were 'Compliant -Outside of scope of current operations' and Public Safety was 'Compliant'.</p>	
Built Features															
Key public infrastructure: Eraring Power Station Ash Dam	Negligible impact or consequence.														
Other public infrastructure (including sewage pipes; power and telecommunications cables). Other built features (including jetties and boat moorings)	Always safe. Serviceability should be maintained wherever practicable. Loss of serviceability must be fully compensated. Damage must be fully repaired, replaced or fully compensated.														
Public Safety															
Public Safety.	Negligible additional risk.														
7	Any dispute between the Applicant and the owner of any built feature over the interpretation, application or implementation of the performance measures in Table 2 is to be settled by the Secretary, following consultation with the MSB and the Resources Regulator. Any decision by the Secretary shall be final and not subject to further dispute resolution under this approval.	Not triggered	Site communications	No dispute with built feature owners during the audit period.											
Extraction Plan															
8	<p>The Applicant must prepare and implement an Extraction Plan for all second workings on site to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> (a) be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the Secretary; (b) be approved by the Secretary before the Applicant carries out any of the second workings covered by the plan; (c) include detailed plans of existing and proposed first and second workings and any associated surface development; (d) include detailed performance indicators for each of the performance measures in Tables 1 and 2; (e) provide revised predictions of the potential subsidence effects, subsidence impacts and environmental consequences of the proposed second workings, incorporating any relevant information obtained since this approval; (f) describe the measures that would be implemented to ensure compliance with the performance measures in Tables 1 and 2; and manage or remediate subsidence impacts and/or environmental consequences; (g) include a Benthic Communities Management Plan, which has been prepared in consultation with BCD, Fisheries NSW and LMCC, which provides for the management of the potential impacts and/or environmental consequences of the proposed second workings on benthic communities in Zone B, and which includes: <ul style="list-style-type: none"> surveys of the lake bed to enable contours to be produced and changes in depth following subsidence to be accurately measured; benthic species surveys within Zone B, as well as control sites outside Zone B (at similar depths) to establish baseline data on species number and composition within the communities; a program of ongoing seasonal monitoring of benthic species in both control and impact sites; and development of a model to predict likely impact of increased depth and associated subsidence impacts and effects, including but not limited to light reduction and sediment disturbance, on benthic species number and benthic communities composition, incorporating the survey data collected; (i) include a Built Features Management Plan, which has been prepared in consultation with Resources Regulator, to manage the potential subsidence impacts and/or environmental consequences of the proposed second workings on built features, and which: <ul style="list-style-type: none"> addresses in appropriate detail all items of key public infrastructure and other public infrastructure and all classes of other built features; has been prepared following appropriate consultation with the owner/s of potentially affected feature/s; recommends appropriate remedial measures and includes commitments to mitigate, repair, replace or compensate for predicted impacts on potentially affected built features in a timely manner; and in the case of all key and other public infrastructure, reports external auditing for compliance with ISO 31000 (or alternative standard agreed with the infrastructure owner) and provides for annual auditing of compliance and effectiveness during secondary extraction which may impact the infrastructure; 	Compliant	<p>DPHI Approval Letter (dated 11 Oct 2024)</p> <p>Extraction Plan Main Report - Volume 1 (October 2024)</p> <p>Extraction Plan Volume 2 - Graphical Plans (August 2024)</p> <p>Panels 1121 and 1123 Benthic Communities Management Plan (September 2024)</p> <p>Panels 1121 and 1123 Seagrass Management Plan (October 2024)</p> <p>Panels 1121 and 1123 Built Features Management Plan (August 2024)</p> <p>Panels 1121 and 1123 Subsidence Monitoring Program (September 2024)</p> <p>Panels 1121 and 1123 Public Safety Management Plan (August 2024)</p> <p>Panels 1121 and 1123 Strata Management Plan (August 2024)</p> <p>Survey of seagrasses off Cams Wharf and Point Wolstoncroft, Lake Macquarie, NSW (May 2025)</p> <p>Bathymetric Subsidence Survey (12 Mar 2025)</p>	<p>Myuna has a requirement to limit vertical subsidence within Zone A to a maximum of 20mm for first workings as per Schedule 3 Condition 1 of PA10_0080. Subsidence monitoring within Zone A is completed as due diligence with no measured subsidence beyond the 20mm limit in Zone A.</p> <p>The Myuna Extraction Plan for Panels 1121 and 1123 was approved by the DPHI in October of 2024 with the 1121 panel extraction completed in December 2024. The areas within the Myuna holding boundary where secondary workings are permitted, is referred to as Zone B with a maximum allowable vertical subsidence of 650mm.</p> <p>Preparation (a) Section 2.5 (Extraction Plan Project Team Endorsement) states that the Extraction Plan was prepared by a team of suitably qualified and experienced persons endorsed by the Secretary on 22 Feb 2024. Section 2.5 also lists the names endorsed by the Secretary. Appendix 4 contains the DPHI endorsement letter dated 11 Oct 2024. (b) Extraction Plan was approved on 11 Oct 2024. Secondary workings started in 2024. (c) Volume 2 (Graphical Plans) (d) Section 5.1 (Performance Measures and Indicators) (e) Sections 3 (Subsidence Assessment Overview) and 5.2 (Management, Mitigation and Remediation Measures) (f) Sections 4 (Monitoring Programs), 5.2 (Management, Mitigation and Remediation Measures) and 5.4 (Master Trigger Action Response Plan) (g) Benthic Communities Management Plan • Section 10.3 (Bathymetric Monitoring) • Section 6 (Baseline Data) • Section 10.2 (Benthic Community Surveys) • Section 7.3.1 (Predictive Modelling)</p> <p>(h) Seagrass Management Plan • Section 6 (Baseline Data) • Section 6 (Baseline Data) • Section 10.2 (Seagrass Surveys) • Sections 7.3 (Predicted Impacts), 8 (Performance Measures and Indicators), 9 (Management Measures), 10 (Monitoring Program), and 13 (Contingency Plan).</p> <p>(i) Built Features Management Plan • Section 7.1 (Relevant Features) • Sections 7.3 (Predicted Impacts) and 9 (Management Measures) • Sections 9 (Management Measures), and 16.2 (Independent Review) • Sections 15 (Reporting), and 16.2 (Independent Review)</p> <p>(j) Subsidence Monitoring Program • Sections 10 (Monitoring Program), and 15.1 (Environmental and Incident Reporting) • Section 10 (Monitoring Program) • Section 15 (Reporting) • Section 13 (Contingency Plan)</p> <p>(k) Section 11 (Consultation) and Appendix 1 (Stakeholder Consultation) of the Public Safety Management Plan (l) Section 10 (Consultation) and Appendix 1 (Stakeholder Consultation) of the Strata Management Plan (m) Section 1.2 (Scope of this Extraction Plan) (n) Section 5.4 (Master Trigger Action Response Plan) (o) Section 4 (Monitoring Programs)</p>											

PA 10_0080 Centennial Myuna Pty Limited

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action																																			
	<p>(h) include a Seagrass Management Plan, which has been prepared in consultation with BCD, Fisheries NSW and LMCC, which provides for the management of the potential impacts and/or environmental consequences of the proposed second workings on seagrass beds, and which includes:</p> <ul style="list-style-type: none"> identification of all seagrass beds (whether established before or after the date of this approval) which may be affected by the proposed second workings; delineation of seagrass beds at the edge of Zone A that may experience subsidence effects from second workings in Zone B; a program of ongoing monitoring of seagrasses in both control and impact sites; and a program to predict and manage subsidence impacts and environmental consequences to seagrass beds to ensure the performance measures in Table 1 are met; <p>(j) include a subsidence monitoring program, which has been prepared in consultation with Resources Regulator, BCD, and Fisheries NSW, to:</p> <ul style="list-style-type: none"> provide data to assist with the management of the risks associated with subsidence; validate the subsidence predictions; analyse the relationship between the predicted and resulting subsidence effects and predicted and resulting impacts under the plan and any ensuing environmental consequences; and inform the contingency plan and adaptive management process; <p>(k) include a Public Safety Management Plan, which has been prepared in consultation with Resources Regulator, to ensure public safety in the mining area;</p> <p>(l) include a Strata Management Plan which has been prepared in consultation with Resources Regulator;</p> <p>(m) propose appropriate revisions to the Rehabilitation Management Plan required under condition 35 of Schedule 4;</p> <p>(n) include a contingency plan that expressly provides for adaptive management where monitoring indicates that there has been an exceedance of any performance measure in Tables 1 and 2, or where any such exceedance appears likely; and</p> <p>(o) include a program to collect sufficient baseline data for future Extraction Plans.</p> <p>Notes: 1) An SMP which is approved by Resources Regulator prior to 30 October 2012 is taken to satisfy the requirements of this condition. 2) The Benthic Communities and Seagrass Management Plans may be prepared jointly with similar plans required for any adjacent colliery.</p>		<p>Survey of Benthic communities off Cams Wharf and Point Wolstoncroft, Lake Macquarie NSW (September 2024)</p> <p>Rib Line Surveys (selection of)</p> <p>Secondary Extraction Authority to Mine - 5ct</p> <p>Daily Extraction Audit</p>	<p>Implementation</p> <ul style="list-style-type: none"> Annual seagrass bed survey undertaken in May 2025 Bathymetric surveys are being undertaken (see Bathymetric Subsidence Survey, 2025). No evidence of above predictions. Seasonal biannual Benthic community monitoring undertaken in Mar and Sep of 2024. Underground panel rib line surveys undertaken weekly Evidence of Geological/geotechnical hazard mapping in the form of Secondary Extraction Authority to Mine Evidence of Underground Mining Control through Deputy Daily Extraction Audits <p>2024 Annual Review states: It is noted that comparative analysis of bathymetric surveys is likely to highlight lakebed depth changes which are unrelated to mining, most likely caused by subsurface sediment movement resulting from current action in Lake Macquarie. It is also noted that limitations in surveying lakebed changes in water depths experienced throughout the Extraction Plan Area may potentially result in inaccuracies in the order of +/- 100 mm. As a result, it is anticipated that comparing lakebed depth changes from pre and post panel extraction may result in discrepancies of up to 200 mm from actual results.</p>																																				
First Workings																																								
9	<p>The Applicant may carry out first workings within the site, other than in accordance with an approved Extraction Plan, provided that Resources Regulator is satisfied that the first workings are designed to remain stable and non-subsiding, except insofar as they may be impacted by approved second workings.</p> <p>Note: The intent of this condition is not to require an additional approval for first workings, but to ensure that first workings are built to geotechnical and engineering standards sufficient to ensure long term stability, with zero resulting subsidence impacts.</p>	Not triggered	<p>Letter to DPIE (Centennial Myuna, 17 August 2021) Email from DPIE (27 September 2021)</p>	Refer to letter from DPHI. No change during the audit period.																																				
Payment of Reasonable Costs																																								
10	<p>The Applicant must pay all reasonable costs incurred by the Department to engage suitably qualified, experienced and independent persons to review the adequacy of any aspect of an Extraction Plan.</p>	Not triggered		Not triggered during this audit period																																				
NOISE																																								
Noise Criteria																																								
11	<p>The Applicant must ensure that the noise generated by the project does not exceed the criteria in Table 3 at any residence on privately-owned land or on more than 25 percent of any privately-owned land.</p> <table border="1"> <caption>Table 3: Noise criteria dB(A)</caption> <thead> <tr> <th rowspan="2">Location</th> <th>Day</th> <th>Emergency Day</th> <th>Evening</th> <th colspan="2">Night</th> </tr> <tr> <th>L_{Aeq}(15 min)</th> <th>L_{Aeq}(15 min)</th> <th>L_{Aeq}(15 min)</th> <th>L_{Aeq}(15 min)</th> <th>L_{A1}(1 min)</th> </tr> </thead> <tbody> <tr> <td>R1, R2 and R3 Summerhill Drive and Wangi Close, Wangi Wangi</td> <td>35</td> <td>40</td> <td>35</td> <td>35</td> <td>45</td> </tr> <tr> <td>R4, Donnelly Road, Arcadia Vale</td> <td>35</td> <td>44</td> <td>40</td> <td>38</td> <td>49</td> </tr> <tr> <td>R5, R6, R7 and R8 Donnelly Road, Arcadia Vale</td> <td>37</td> <td>44</td> <td>42</td> <td>39</td> <td>49</td> </tr> <tr> <td>All other privately-owned land</td> <td>35</td> <td>40</td> <td>35</td> <td>35</td> <td>45</td> </tr> </tbody> </table> <p>Notes:</p> <ul style="list-style-type: none"> Emergency Day noise limits only apply during the Day period when the Eraring Power Station overland conveyor is not in operation and the project's Emergency Coal Stockpile must be used. To identify the locations referred to, see the figure in Appendix 3. Noise generated by the project is to be measured in accordance with the relevant procedures and exemptions (including certain meteorological conditions) of the INP. <p>However, these criteria do not apply if the Applicant has a written agreement with the relevant landowner to exceed the criteria, and the Applicant has advised the Department in writing of the terms of this agreement.</p>	Location	Day	Emergency Day	Evening	Night		L _{Aeq} (15 min)	L _{Aeq} (15 min)	L _{Aeq} (15 min)	L _{Aeq} (15 min)	L _{A1} (1 min)	R1, R2 and R3 Summerhill Drive and Wangi Close, Wangi Wangi	35	40	35	35	45	R4, Donnelly Road, Arcadia Vale	35	44	40	38	49	R5, R6, R7 and R8 Donnelly Road, Arcadia Vale	37	44	42	39	49	All other privately-owned land	35	40	35	35	45	Compliant	<p>Annual Review (2022, 2023, 2024)</p> <p>Monthly Environmental Monitoring Data (2022-2024, Jan and Feb 2025)</p> <p>Annual Noise Compliance Report (2022, 2023 and 2024)</p> <p>Quarterly Compliance Noise Monitoring - 1st Quarter 2025</p>	<p>Monitoring of sites R1-R8 during the audit period is outlined in the Annual Reviews.</p> <p>2022 - no non-compliances recorded. 2023 - no non-compliances recorded. 2024 - no non-compliances recorded. 2025 (1st Quarter) - no non-compliances recorded.</p> <p>Noise monitoring completed by specialists. No non-compliances were recorded throughout any of the noise monitoring periods with the exception of a minor 1 dB exceedance at monitoring location R7 during Quarter 2 of 2024. This was not considered to be a non-compliance in accordance with Section 11.1.3 of the NSW Industrial Noise Policy.</p> <p>The meteorological conditions at the time of the measurement were typical of 'non-standard' weather effects including intense temperature inversion conditions in accordance with the NSW Industrial Noise Policy and may have contributed to the measured exceedance at R7.</p> <p>No complaints during the audit period.</p>	
Location	Day		Emergency Day	Evening	Night																																			
	L _{Aeq} (15 min)	L _{Aeq} (15 min)	L _{Aeq} (15 min)	L _{Aeq} (15 min)	L _{A1} (1 min)																																			
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Operating Conditions																																								
12	<p>The Applicant must implement best management practice, including all reasonable and feasible noise mitigation measures, to minimise the construction and operational noise generated by the project.</p>	Compliant	<p>Annual Review (2022, 2023, 2024)</p> <p>Northern Region Noise Management Plan (June 2022)</p> <p>Northern Region Noise Management Plan (March 2023)</p>	<p>No non-compliances were recorded throughout the audit period with the exception of a minor 1 dB exceedance at monitoring location R7 during Quarter 2 of 2024. This was not considered to be a non-compliance in accordance with Section 11.1.3 of the NSW Industrial Noise Policy. (see Schedule 3 Condition 11).</p> <p>The Northern Region Noise Management Plan (June 2022) was approved on 07 Sep 2022, and the Northern Region Noise Management Plan (March 2023) was approved on 05 Apr 2023.</p> <p>Both management plans include information specific to Myuna Colliery in Appendix B. Noise mitigation includes all closure or doors on the rotary breaker, crusher and crusher conveyor drive house will remain closed during the night-time period, and not operating the forklift around the materials yard during the night time period. Evidence of realtime monitoring was observed during the audit which is used in review when an incident does occur.</p>																																				

Noise Management Plan

PA 10_0080 Centennial Myuna Pty Limited

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action																							
13	<p>The Applicant must prepare and implement a Noise Management Plan for the project to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> (a) be submitted for approval to the Secretary within 7 months of the date of this approval; (b) describe the measures that would be implemented to ensure compliance with the relevant conditions of this approval; (c) outline procedures to manage responses to any complaints or issues raised by the owners of affected residences; and (d) include a noise monitoring program that: <ul style="list-style-type: none"> uses a combination of real-time and supplementary attended monitoring to evaluate the performance of the project; and includes a protocol for determining exceedances of the relevant conditions of this approval. 	Compliant	<p>Northern Region Noise Management Plan (June 2022)</p> <p>Northern Region Noise Management Plan (March 2023)</p> <p>Annual Reviews (2022, 2023 and 2024)</p> <p>Community Complaints Register</p>	<p>Noise associated with Myuna Colliery is managed in accordance with the Northern Region Noise Management Plan (July 2022) and Northern Region Noise Management Plan (March 2023). Appendix B contains information specific to Myuna.</p> <p><u>Preparation</u></p> <p>(a) Assessed in previous IEA. Section B.1 (Conditions of Consent - Myuna Colliery) of the Northern Region Noise Management Plan (March 2023) states 'The original Noise Management Plan was approved by the Secretary on 30 July 2012. This Noise Management Plan was approved by the Secretary on 10/10/17.'</p> <p>(b) Sections 3 (Management Measures), 4 (Monitoring Program) and 5 (Contingency Measures) describe the measures for the Northern Region all sites. Appendix B.4 (Site Specific Noise Mitigation and Management Measures) lists the measures specific to Myuna.</p> <p>(c) Section 6.2 (Community Enquiries or Complaints) discusses complaints.</p> <p>(d) Section 4.3 (Monitoring Methods) describes monitoring for the entire Northern Region. Appendix B.7 (Noise Monitoring) details Myuna specific noise monitoring requirements.</p> <p><u>Implementation</u></p> <ul style="list-style-type: none"> No noise complaints during the audit period. No non-compliances were recorded throughout the audit period with the exception of a minor 1 dB exceedance at monitoring location R7 during Quarter 2 of 2024. This was not considered to be a non-compliance in accordance with Section 11.1.3 of the NSW Industrial Noise Policy. (see Schedule 3 Condition 11). 																								
Construction Noise																												
14	<p>The Applicant must limit construction activities to 7am – 6pm weekdays and 8am to 1pm Saturdays with no construction operations on Sundays or Public Holidays. Construction noise must be managed in accordance with EPA's Interim Construction Noise Guideline 2009.</p>	Not triggered	<p>Site discussion</p> <p>Annual Review (2022, 2023, 2024)</p>	<p>Annual reviews (2022-2024) state that there has been no construction at Myuna Colliery during the audit period.</p>																								
AIR QUALITY AND GREENHOUSE GASES																												
Odour																												
15	<p>The Applicant must ensure that no offensive odours, as defined under the POEO Act, are emitted from the site.</p>	Compliant	<p>Community Complaints Register</p>	<p><u>Odour complaint</u></p> <p>16/11/2022 - A complaint was made regarding diesel fume odour believed to be from a drill rig operating in Lake Macquarie, near fishing point. The drill rig was operating on behalf of Myuna Colliery, for the 2022 Geo-technical Exploration Program.</p> <p>Myuna Colliery investigated the issue and requested further information from the complainant. No response was received by the complainant. Two days following the complaint, drilling was completed, and the drill rig has since been demobilised. No further actions are to be undertaken.</p> <p>Although the complaint made was noted, the audit team do not believe that the odour complaint was related to the geotech work on Lake Macquarie.</p>																								
Greenhouse Gas Emissions																												
16	<p>The Applicant must implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site, to the satisfaction of the Secretary.</p>	Compliant	<p>Annual Review (2022, 2023, 2024)</p> <p>Northern Region Air Quality and Greenhouse Gas Management Plan (March 2023)</p>	<p>Greenhouse gas emissions are logged via an internal system known as GED, and monitoring results are included in the Annual Review. A High level discussion about greenhouse gas management is included in the Northern Region Air Quality and Greenhouse Gas Management Plan (March 2023), and site specific measures are included in Appendix B.</p>																								
Air Quality Criteria																												
17	<p>The Applicant must ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the project do not exceed the criteria listed in Tables 4, 5 or 6 at any residence on privately-owned land or on more than 25 percent of any privately-owned land.</p> <p><i>Table 4: Long-term criteria for particulate matter</i></p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>^d Criterion</th> </tr> </thead> <tbody> <tr> <td>Total suspended particulate (TSP) matter</td> <td>Annual</td> <td>^a 90 µg/m³</td> </tr> <tr> <td>Particulate matter < 10 µm (PM₁₀)</td> <td>Annual</td> <td>^a 30 µg/m³</td> </tr> </tbody> </table> <p><i>Table 5: Short-term criterion for particulate matter</i></p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>^d Criterion</th> </tr> </thead> <tbody> <tr> <td>Particulate matter < 10 µm (PM₁₀)</td> <td>24 hour</td> <td>^a 50 µg/m³</td> </tr> </tbody> </table> <p><i>Table 6: Long-term criteria for deposited dust</i></p> <table border="1"> <thead> <tr> <th>Pollutant</th> <th>Averaging Period</th> <th>Maximum increase in deposited dust level</th> <th>Maximum total deposited dust level</th> </tr> </thead> <tbody> <tr> <td>^c Deposited dust</td> <td>Annual</td> <td>^b 2 g/m²/month</td> <td>^a 4 g/m²/month</td> </tr> </tbody> </table> <p><i>Notes to Tables 4-6:</i></p>	Pollutant	Averaging Period	^d Criterion	Total suspended particulate (TSP) matter	Annual	^a 90 µg/m ³	Particulate matter < 10 µm (PM ₁₀)	Annual	^a 30 µg/m ³	Pollutant	Averaging Period	^d Criterion	Particulate matter < 10 µm (PM ₁₀)	24 hour	^a 50 µg/m ³	Pollutant	Averaging Period	Maximum increase in deposited dust level	Maximum total deposited dust level	^c Deposited dust	Annual	^b 2 g/m ² /month	^a 4 g/m ² /month	Compliant	<p>Annual Review (2022, 2023 and 2024)</p> <p>Northern Region Air Quality and Greenhouse Gas Management Plan (March 2023)</p>	<p>Results of air quality monitoring in accordance with the Northern Region Air Quality and Greenhouse Gas Management Plan (Appendix B) are included in Section 6.3 of the Annual Review. Depositional dust monitoring is undertaken on a monthly basis at three depositional dust gauges. DG2 was removed from the monitoring network in October 2023 and is no longer monitored following approval of the AQGHG MP version 6 by DPHI on 22 August 2023.</p> <p>DDG, TSP and PM10 annual averages were all within range.</p> <p><u>Highest dust levels in the period included:</u></p> <p>2022</p> <ul style="list-style-type: none"> Highest DDG performance occurred at DG4 with a result of 1.02 g/m²/month Total Annual Average PM10 concentration for the report period was 18.5 µg/m³ and the maximum recorded 24 hour TSP concentration for the report period was 43 µg/m³. <p>2023</p> <ul style="list-style-type: none"> Highest DDG performance occurred at DG4 with a result of 1 g/m²/month Total Annual Average. PM10 concentration for the report period was 42.5 µg/m³ and the maximum recorded 24 hour TSP concentration for the report period was 66 µg/m³. <p>2024</p> <ul style="list-style-type: none"> Highest DDG performance occurred at DG4 with a result of 0.7 g/m²/month Total Annual Average. The 2024 Annual Review does not explicitly state the maximum recorded PM10 and TSP concentrations. However, it does state that 'The 24-hour average and annual average results for PM10 are below the criteria of 50µg/m³ and 30µg/m³, respectively, remaining compliant with the limits set in PA10_0080 and the AQ&GHG MP. The annual average results for TSP are also below the criterion of 90µg/m³, maintaining compliance with the limits in PA10_0080 and the AQ&GHG MP.' 	
Pollutant	Averaging Period	^d Criterion																										
Total suspended particulate (TSP) matter	Annual	^a 90 µg/m ³																										
Particulate matter < 10 µm (PM ₁₀)	Annual	^a 30 µg/m ³																										
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Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
	<p>Notes to Tables 4-b:</p> <ul style="list-style-type: none"> - a Total impact (i.e. incremental increase in concentrations due to the project plus background concentrations due to all other sources); - b Incremental impact (i.e. incremental increase in concentrations due to the project on its own); - c Deposited dust is to be assessed as insoluble solids as defined by Standards Australia, AS/NZS 3580.10.1:2003: Methods for Sampling and Analysis of Ambient Air - Determination of Particulate Matter - Deposited Matter - Gravimetric Method. - d Excludes extraordinary events such as bushfires, prescribed burning, dust storms, sea fog, fire incidents, illegal activities or any other activity agreed by the Secretary in consultation with BCD. 			<p>Data Loss - 2022 Broken dust gauge</p> <p>Data Loss - 2023 Broken dust gauge</p> <p>Although there was broken dust gauges, the history of dust readings has been quite low. Hence we have a non-compliance against the AQGHGMP and not the criteria condition. The site is never over 4g/m2.</p>	
Operating Conditions					
18	The Applicant must implement best practice air quality management on site, including all reasonable and feasible measures to minimise off-site odour, fume and dust emissions generated by the project.	Compliant	<p>Northern Region Air Quality and Greenhouse Management Plan (June 2022)</p> <p>Northern Region Air Quality and Greenhouse Management Plan (March 2023)</p> <p>Site inspection</p>	There were no dust issues observed during the site inspection. A sweeper truck is used weekly as needed, sprays are available on haul road when transporting coal to emergency stockpile and all conveyors onsite are enclosed	
Air Quality and Greenhouse Gas Management Plan					
19	<p>The Applicant must prepare and implement an Air Quality & Greenhouse Gas Management Plan for the project to the satisfaction of the Secretary. This plan must:</p> <p>(a) be prepared in consultation with EPA, and submitted for approval to the Secretary within 7 months of the date of this approval;</p> <p>(b) describe the measures that would be implemented to ensure compliance with the relevant conditions of this approval, including the proposed air quality management system;</p> <p>(c) include an air quality monitoring program, that:</p> <ul style="list-style-type: none"> - uses a combination of volumetric sampling and dust deposition gauges to evaluate the performance of the project; - monitors greenhouse gas emissions, particularly methane; and - includes a protocol for determining exceedances with the relevant conditions of this approval; <p>(d) describe the measures that would be implemented to minimise the release of greenhouse gas emissions from the site, particularly methane.</p>	Non-compliant	<p>Annual Review 2024</p> <p>Northern Region Air Quality and Greenhouse Management Plan (March 2023)</p> <p>Northern Region Air Quality and Greenhouse Management Plan (March 2023) Approval letter (dated 22/08/2023)</p> <p>Annual Compliance Review - Northern Region Air Quality and Greenhouse Gas Management Plan Myuna (2022, 2023 and 2024)</p> <p>Sweeper contractor sign in/out records</p> <p>ALS Depositional Dust Certificate of Analysis (selection of)</p> <p>Site Greenhouse Gas Report (Spreadsheet)</p> <p>HVAS Certificate of Analysis (selection of)</p> <p>CBased Environmental - Environmental Monitoring (Jan 2025 and Mar 2025)</p> <p>Complaints Register</p>	<p>Preparation</p> <p>Northern Region Noise Management Plan (March 2023) approved in a letter from DPHI dated 22/08/2023.</p> <p>(a) Approval granted on 18 Jan 2012. The Northern Region Noise Management Plan (March 2023) Appendix B states that 'The original Air Quality and Greenhouse Gas Management Plan was submitted to the Secretary on 6 August 2012.' This is within the timeframe of this condition. Appendix B states 'This Air Quality and Greenhouse Gas Management Plan was prepared in consultation with the EPA. A consultation log is provided as Appendix E.' The consultation Log is not Appendix E, it is Appendix D. Appendix D (Consultation Log does not provide consultation that took place prior to 2015. Appendix D does provide evidence of consultation being undertaken with EPA.</p> <p>(b) Section 3 (Management Measures) and Appendix B (Myuna Colliery) outline the air quality management measures</p> <p>(c) Section 4 (Monitoring Program) and Appendix B include details of air quality and greenhouse gas monitoring applicable to Myuna. Section 6 (Incidents, complaints and exceedances) includes response to incidents and a non-compliance procedure.</p> <p>(d) Site specific measures are included in Appendix B. Northern Region measures are located in Section 3.1.2 (Greenhouse Gas).</p> <p>Implementation</p> <ul style="list-style-type: none"> • No dust complaints during the audit period. • AWS operating on site • Annual compliance reviews of the AQGHG Management Plan • Sweeper contractors operate on site (see sweeper contractor sign in/out documentation) • Depositional dust and HVAS monitored and reported on in the monthly Environmental Monitoring Data. Monthly reports are provided on the Centennial Myuna website. • Greenhouse Gas emissions are tracked and reported on monthly. • Monthly air quality monitoring and reporting undertaken by CBased Environmental Pty Limited. <p>Non-Compliances</p> <p>Data Loss - 2022 (Broken dust gauge)</p> <p>Data Loss - 2023 (Broken dust gauge)</p> <p>Data Loss - 2024 (Missing dust gauge)</p> <p>Therefore, IEMA have assessed site as being non-compliant with Condition 19(c).</p>	
METEOROLOGICAL MONITORING					
20	<p>During the life of the project, the Applicant must ensure that there is a suitable meteorological station operating in the vicinity of the Myuna surface facilities site that:</p> <p>(a) complies with the requirements in the <i>Approved Methods for Sampling of Air Pollutants in New South Wales</i> guideline; and</p> <p>(b) is capable of continuous real-time measurement of temperature lapse rate in accordance with the INP.</p>	Compliant	<p>Northern Region Air Quality and Greenhouse Management Plan (March 2023)</p> <p>Weather Station Download (Spreadsheet)</p>	<p>Appendix B of the Northern Region Air Quality and Greenhouse Gas Management Plan (March 2023) outlines the details of the Myuna Colliery Automatic Weather Station, which is managed by an external consultant. Results are summarised in the Annual Review and the real time monitoring system was observed during the audit.</p> <p>The weather station is maintained to conform to the requirements of the NSW EPA Approved Method AM 2 and NSW EPA Approved Method AM 4.</p> <p>Site had a very high percentage of data capture.</p>	
SOIL AND WATER					
	<p>Note: Under the Water Act 1912 and/or the Water Management Act 2000, the Applicant is required to obtain the necessary water licences for the project.</p>	Compliant	<p>Annual Review (2022, 2023 and 2024)</p>	<p>Centennial Myuna currently hold one water access licence (WAL 41560) which is listed in the Annual Review allowing the pumping of water from underground to sediment dams for discharge.</p> <p>Annual Entitlement is 4,380ML</p> <p>Total Take:</p> <ul style="list-style-type: none"> • 2022 - 1,840ML • 2023 - 1,831ML • 2024 - 2,092ML 	
Surface Water Discharges					

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Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
21	The Applicant must ensure that all surface water discharges from the site comply with the discharge limits (both volume and quality) set for the project in any EPL.	Compliant	Annual Review (2022, 2023 and 2024) EPL Annual Return (2022, 2023 and 2024)	<p>Surface water discharges from LDP 9 during the audit period were within EPL criteria limits for volume and quality. There were no discharges from LDP 10 during the audit period.</p> <p>There were three missed sampling events during the audit period:</p> <p>2022</p> <ul style="list-style-type: none"> On 6 September 2022. 'Failure to collect Grab Sample at LDP Monitoring Point 9 During Daily Discharge. The missed sample is due to a contractor rescheduling miscommunication. No adverse environmental effects due to the incident. A duplicate sample was taken for the following day. No further action to be taken. Notification letters sent to DPIE, EPA on 4 October 2022 and reported in the Annual Return.' Site is unable to provide sampling results for 6 Sep 2022 to show that the discharge is within the volume and quality criteria. <p>2023</p> <ul style="list-style-type: none"> Failure to collect grab sample at LDP 9 during daily discharge on 12 January 2023. 'LDP 9 was not discharging at time when sampler arrived on site. Underground transfer pump triggered on later in the afternoon. No adverse environmental effects due to the incident. The Myuna WMP has since been updated to reduce monitoring requirements to Monthly rather than daily. No further action to be taken. Notification letters sent to DPIE (January 2023)' Site is unable to provide sampling results for 12 Jan 2023 to show that the discharge is within the volume and quality criteria. Failure to monitor discharge volume at LDP 9 on 26 – 28th January 2023. 'The flow monitoring controller card of the Mace real-time monitoring system failed. The flow monitoring controller card of the Mace real-time monitoring system failed. The flow monitoring controller card was replaced on Monday the 28th of January 2023. Instrument downtime due to temporary breakdowns is expected as per the EPA Guidelines for Publishing Monitoring Data. The monitoring equipment is cleaned, maintained, and calibrated routinely. Reported in the Website Report (January 2023) and the Annual Return (February 2024).' Site is unable to provide sampling results for 26 – 28th January 2023 to show that the discharge is within the volume and quality criteria. <p><u>Our Understanding</u></p> <p>The site has a high level of data collection. From the missed samples the pumping volumes would indicate that it is not possible to have an exceedance. The site has also had consistency with water quality. See condition 25 for the non-compliance.</p>	
Water Management Plan					
22	The Applicant must prepare and implement a Water Management Plan for the surface facilities sites to the satisfaction of the Secretary and in consultation with DPE Water, Resources Regulator, and LMCC. This plan must: (a) be prepared by suitably qualified and experienced persons whose appointment has been approved by the Secretary; (b) be submitted for approval to the Secretary within 7 months of the date of this approval; and (c) include: • a Site Water Balance; • an Erosion and Sediment Control Plan. • a Surface Water Management Plan; • a Groundwater Monitoring Program; and • a Surface and Ground Water Response Plan.	Compliant	Myuna Colliery Water Management Plan (June 2023) Myuna Colliery Water Management Plan (June 2023) Approval Letter GHD Feb 2025 Site Water Balance	<p>The Water Management Plan (June 2023) approved by DPHI on 27 Apr 2023. Consultation details are provided in Section 1 (Introduction) and Appendix B (Consultation).</p> <p>The Document Details table on page 3 lists the Water Management Plan Document Status as being 'Draft'.</p> <p><u>Preparation:</u></p> <p>(a) Section 1 (Introduction) provides names of who prepared the original Water MP. (b) Post Approval Review in Appendix B states 'Modification 3 was approved on 25 November 2022. This revision to the WMP has been provided within 7 months of the modification approval.' (c) Site Water Balance, Erosion and Sediment Control Plan, Surface Water Management Plan, Groundwater Monitoring Program; and Surface and Ground Water Response Plan all incorporated into the Water Management Plan. See conditions 23 - 27 for compliance status of individual Plans and Programs.</p> <p><u>Implementation:</u></p> <ul style="list-style-type: none"> The site has undertaken water monitoring in accordance with the Water Management Plan. IEMA compared data from the Annual Review and quarterly water monitoring spreadsheets. The Annual Review doesn't really discuss quarterly monitoring with the exception of the Wangi Lake manganese concentrations. See below sub conditions for implementation summary. 	IMP REC 01: Provide a summary of the quarterly surface water monitoring sites in the Annual Review. This should include data analysis. This monitoring is required as per Section 4.2 of the Water Management Plan and is required for upstream of LDP009 (Wangi Creek), downstream of LDP009 (Wangi Creek) and Wangi Lake.
23	The Site Water Balance must (a) include details of: • sources and security of water supply; • water use on site; • water management on site; • any off-site water transfers; • groundwater transfers from the underground operations to the surface; and (b) investigate and implement all reasonable and feasible measures to minimise potable water use from the town water supply and to reuse and recycle water.	Compliant	Myuna Colliery Water Management Plan (June 2023) Annual Review (2022, 2023 and 2024)	<p>The Myuna Colliery Water Balance is included in the Water Management Plan (June 2023).</p> <p><u>Preparation:</u></p> <p>a) and b) Section 3 of the Water Management Plan includes these requirements.</p> <p><u>Implementation:</u></p> <ul style="list-style-type: none"> The Water Balance is updated annually and included in Section 7.2 of the Annual Review. GHD completes monthly water review. The water balance is very consistent in terms of inputs and outputs. 	
24	The Erosion and Sediment Control Plan must: (a) be consistent with the requirements of the Managing Urban Stormwater – Soils and Construction, Volume 2E: Mines and Quarries (DECC 2008), or its latest version); (b) identify activities that could cause soil erosion and generate sediment particularly in relation to activities near waterways; (c) describe the location, function, and capacity of erosion and sediment control structures; (d) describe what measures would be implemented to maintain the structures over time; and (e) describe the sediment and erosion control measures to be implemented for all activities undertaken at the site.	Compliant	Erosion and Sediment Control Plan (June 2023) - Appendix E of the Waster Management Plan (June 2023)	<p>The Myuna Colliery Erosion and Sediment Control Plan is incorporated into the Water Management Plan (June 2023).</p> <p><u>Preparation</u></p> <p>(a) Sections 1.6 (Relevant Guidelines), 3 (Water Management), 4 (Erosion and Sediment Control) and 5 (Implementation and Monitoring) (b) Section 2 (Myuna Colliery) (c) Section 3 (Water Management) (d) Section 5.5 (Maintenance) (e) Sections 3 (Water Management) and 5 (Implementation and Monitoring)</p> <p><u>Implementation</u></p> <p>Erosion and sediment control is good on site with no issues identified during site visit. There are limited exposed surfaces at the pit top.</p>	

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25	<p>The Surface Water Management Plan must:</p> <p>(a) include detailed baseline data on surface water flows and quality of Wangi Creek;</p> <p>(b) provide a geomorphic description of Wangi Creek up and downstream of the mine water discharge point;</p> <p>(c) detail surface water quality and stream health assessment criteria, including trigger levels for investigating any potentially adverse surface water impacts;</p> <p>(d) provide a program to monitor:</p> <ul style="list-style-type: none"> surface water discharges from the surface facilities sites; stream health, channel stability, water flows and water quality within Wangi Creek; and water quality of Lake Macquarie; <p>(e) investigate mitigation and management measures to prevent/limit any incision and degradation of the channel of Wangi Creek from mine discharge water;</p> <p>(f) include a detailed review of water management at the Myuna Colliery surface facilities site, with particular reference to the water storages within the dirty water management system and in consultation with EPA, to:</p> <ul style="list-style-type: none"> determine whether the capacity, integrity, retention time and management of the dirty water storages (particularly the CHP Dam) are sufficient to ensure that water discharged from the site meets all relevant ANZECC water quality criteria, including for metals and suspended solids; assess all reasonable and feasible options for reducing salt load and/or salt concentration for discharges into Wangi Creek; assess appropriate options to improve storage and retention times in accordance with The Blue Book - Managing Urban Stormwater (MUS): Soils and Construction (Landcom); and propose upgrades of the dirty water storages sufficient that discharges meet all relevant ANZECC criteria; and propose any other appropriate changes to the water management system; and <p>(g) identify and assess practical measures to minimise potable water consumption, maximise recycled water use and improve the management of sewage and surface rainfall runoff for the project, including quantifying the abatement potential of identified measures and their related costs and benefits.</p> <p><i>Note: The Secretary may require the Applicant to implement upgrades and other changes identified under paragraph (f), in accordance with condition 4 of schedule 2. EPA may also require measures to be implemented under the terms of the site's environment protection licence.</i></p>	Non-compliant	<p>Myuna Colliery Water Management Plan (June 2023)</p> <p>Annual Review (2022)</p> <p>Wangi Creek Watercourse Stability Assessment (2022, 2023 and 2025)</p> <p>Selection of ALS Certificate of Analysis'</p> <p>Quarterly Water Quality spreadsheet</p>	<p>Surface water management is incorporated into the Water Management Plan (June 2023)</p> <p><u>Preparation:</u></p> <p>(a) Sections 2 (Environment), 4 (Monitoring Requirements), and 5 (Baseline Data)</p> <p>(b) Section 5.4 (Watercourse Stability)</p> <p>(c) Section 6 (Response Plans)</p> <p>(d) Section 4 (Monitoring Requirements)</p> <p>(e) Section 3 (Water Management)</p> <p>(f) Section 5 (Baseline Data)</p> <p>(g) Section 3 (Water Management)</p> <p><u>Implementation</u></p> <p>Clean water diversions and surface water dams have been designed and constructed in accordance with the Blue Book. Water monitoring results are included in the Annual Review. Channel Stability is also monitored, evidence provided in the form of annual Wangi Creek Watercourse Stability Assessments. Water quality of Wangi Lake is monitored as a reference site, and water quality in canal tested. Metals testing is also undertaken, with results sighted during the audit.</p> <p>We viewed the Wangi Creek remediation area. It has been completed to a high standard. From some recent extreme rain fall there appears to be 1 boulder that has become unlodged from the channel bank. If untreated this could cause a structural issue to remediated bank (see Appendix A, Photograph 42).</p> <p>Non-compliance for missed sample - 2022</p> <p>Non-compliant for failure to collect Grab Sample at LDPB Monitoring Point 9 During Daily Discharge on September 6 2022. The missed sample is due to a contractor rescheduling miscommunication. No adverse environmental effects due to the incident. A duplicate sample was taken for the following day. No further action to be taken. Notification letters sent to DPIE, EPA on 4 October 2022 and reported in the Annual Return.</p> <p>Non-compliance for missed sample - 2023</p> <p>Non-compliant for failure to collect Grab Sample at LDP 9 during daily discharge on 12 Jan 2023. LDP 9 was not discharging at time when sampler arrived on site. Underground transfer pump triggered on later in the afternoon. No adverse environmental effects due to the incident. The Myuna WMP has since been updated to reduce monitoring requirements to Monthly rather than daily. No further action to be taken. Notification letters sent to DPIE (January 2023).</p>	IMP REC 02: Coordinate inspection of Wangi Creek work with NSW Soil Conservation Service (SCS). Additional remediation work may be required.
26	<p>The Groundwater Monitoring Program must include:</p> <p>(a) baseline data of groundwater levels (including alluvial and weathered rock aquifers), yield and quality in the region, and any privately owned groundwater bores that may be affected by mining operations on site;</p> <p>(b) groundwater assessment criteria based upon analysis of baseline data for groundwater, surface water, including trigger levels for investigating any potentially adverse groundwater impacts; and</p> <p>(c) a program to monitor and/or validate the impacts of the project of alluvial and coal seam aquifers, any groundwater bores.</p>	Compliant	<p>Myuna Colliery Water Management Plan (June 2023)</p> <p>Annual Review (2022)</p> <p>Selection of ALS Certificate of Analysis'</p>	<p>Groundwater monitoring is included in the Water Management Plan (June 2023)</p> <p><u>Preparation</u></p> <p>(a) Sections 2.4 (Hydrogeology), 5.3 (Groundwater Levels and Quality) and 4.3 (Groundwater Monitoring)</p> <p>(b) Section 6 (Response Plans)</p> <p>(c) Section 4.3 (Groundwater Monitoring) and 7 (Site-Specific Reviews and Reports)</p> <p><u>Implementation</u></p> <p>The groundwater monitoring network at Myuna Colliery includes ten alluvial monitoring bores. Observed groundwater levels are included in the Annual Review. Groundwater levels at all monitoring locations remained relatively stable during the audit period. Centennial Myuna stated that it is difficult to determine statistically significant changes in groundwater quality as insufficient historical data (only 2012 and 2017 available). The Water Management Plan has been updated to included groundwater triggers for levels. Triggers are based on baseline monitoring data and the 20th percentile levels.</p> <p>The water quality of groundwater transferred from the underground workings to the surface is assessed quarterly (when possible) for pH, total dissolved solids (TDS), TSS and turbidity. The underground water storages are also sampled quarterly (when accessible) and analysed for pH and TDS.</p> <p>Water Licence 41560 allows for the dewatering of up to 4380 ML/year.</p> <ul style="list-style-type: none"> • 2022: 1840ML • 2023: 1831ML • 2024: 2092ML 	<p>IMP REC 03: Update Water MP to be consistent as current groundwater monitoring is annually and quarterly in different locations. The text should be updated to be quarterly.</p> <p>IMP REC 04: Include pH results in the Annual Reviews as per Section 5.3.4 of the Water MP.</p>
27	<p>The Surface and Ground Water Response Plan must describe what measures and/or procedures would be implemented to:</p> <p>(a) respond to any exceedances of the surface water, stream health, and groundwater assessment criteria; and</p> <p>(b) mitigate and/or offset any adverse impacts on riparian vegetation located within and adjacent to the site.</p>	Compliant	<p>Myuna Colliery Water Management Plan (June 2023)</p> <p>Wangi Creek Watercourse Stability Assessment (2022, 2023 and 2025)</p> <p>Myuna Colliery EEC Monitoring Reports (2022, 2023 and 2024)</p>	<p>The Surface and Groundwater Response Plan is incorporated into the Water Management Plan (June 2023).</p> <p><u>Preparation:</u></p> <p>(a) Section 6 (Response Plans) and Appendix A (Trigger Action Response Plans)</p> <p>(b) Section 6 (Response Plans) and Appendix A (Trigger Action Response Plans)</p> <p><u>Implementation:</u></p> <p>A watercourse stability assessment of Wangi Creek is undertaken annually, along with an annual assessment of EEC along Wangi Creek. The site appears to meet requirements.</p>	

BIODIVERSITY

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Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
28	<p>The Applicant must prepare and implement a Biodiversity Management Plan for the project to the satisfaction of the Secretary. This plan must:</p> <p>(a) submitted to the Secretary within 7 months of the date of this approval;</p> <p>(b) be prepared by a suitable qualified ecologist approved by the Secretary;</p> <p>(c) have a particular focus on measures that would be implemented over the life of the mine to protect and enhance the Swamp Sclerophyll Forest on Coastal Floodplains endangered ecological community near Wangi Creek; and</p> <p>(d) include a detailed description of the measures that would be implemented over the life of the mine to ensure that native vegetation and habitat within the surface facilities sites (particularly the Swamp Sclerophyll Forest on Coastal Floodplains endangered ecological community near Wangi Creek) are properly managed, including procedures for:</p> <ul style="list-style-type: none"> weed management (both control and suppression); protection and enhancement of native vegetation and habitat; feral animal control; fire management (including asset protection zones); and management of public access. 	Compliant	<p>Northern Region Biodiversity Management Plan (May 2022)</p> <p>Northern Region Biodiversity Management Plan (May 2022) DPHI Approval Letter</p> <p>Site Inspection</p> <p>Myuna Colliery EEC Monitoring Reports (2022, 2023 and 2024)</p> <p>Weed Management Plan</p> <p>Weed Management Procedure</p> <p>Weed Contractor Daily Activity Records</p> <p>Myuna Rockhead Exploration Program 2022 Review of Environmental Factors (GHD May 2022)</p> <p>Annual Weed Action Plans</p> <p>Annual Weed Surveys</p>	<p>Biodiversity at Myuna Colliery is managed in accordance with the Northern Region Biodiversity Management Plan (May 2022). Appendix I contains information specific to Myuna.</p> <p>Northern Region Biodiversity Management Plan (May 2022) approved by DPHI in a letter dated 29/06/2023.</p> <p><u>Preparation</u></p> <ul style="list-style-type: none"> (a) Assessed in previous IEA. (b) Assessed in previous IEA. (c) Section 3.1.1 (of Appendix I (d) Section 4.3 of the Northern Region BMP Section 4.4 (Weed Management) of the Northern Region BMP Section 3.2 (Management) of Appendix I Section 4.5 (Pest Management) of the Northern Region BMP Section 4.9 (Bushfire Management) of the Northern Region BMP Section 4.10 (Public Access Management) of the Northern Region BMP <p><u>Implementation</u></p> <ul style="list-style-type: none"> Monitoring of EECs is undertaken by an external consultant, with results included in the Annual Review. Weeds are managed in accordance with the internal Weed Management Procedure (MY-EWP-023). Annual Weed Action Plans are undertaken, including an annual weed survey and on ground works has resulted in the ongoing suppression and removal of Lantana, Bitou Bush, Pampas Grass, Pine Trees and Castor Oil Plant among others. Impact to biodiversity was considered in the Review of Environmental Factors (GHD 2022) prepared for the Rockhead Exploration Program 2022. 	
HERITAGE					
Heritage Management Plan					
29	<p>The Applicant must prepare and implement a Heritage Management Plan for the project to the satisfaction of the Secretary. This Plan must:</p> <p>(a) be prepared in consultation with Heritage NSW and any relevant Aboriginal stakeholders;</p> <p>(b) be submitted for approval to the Secretary within 7 months of the date of this approval;</p> <p>(c) include consideration of the Aboriginal and non-Aboriginal cultural context and significance of the site;</p> <p>(d) detail the responsibilities of all stakeholders; and</p> <p>(e) include programs/procedures and management measures for:</p> <ul style="list-style-type: none"> protection of the section of remnant railway line associated with the decommissioned Wangi Power Station that is located within the site; dealing with previously unidentified Aboriginal objects (excluding human remains), including any need to halt works in the vicinity, assessment of significance, determination of appropriate mitigation measures (by a qualified archaeologist in consultation with Aboriginal stakeholders), re-commencement of works, notifying Heritage NSW, and registering the new site(s) in the Heritage NSW AHIMS register; dealing with any human remains which may be discovered, including halting of works in the vicinity; notifying NSW Police, Heritage NSW, the Department and Aboriginal stakeholders; and not recommending any works in the vicinity unless authorised; heritage induction for construction personnel (including procedures for keeping records of inductions); ongoing Aboriginal consultation and involvement (including procedures for keeping records of this); appropriate identification, management, conservation and protection of both Aboriginal and non- Aboriginal heritage items identified on the site; and dealing with previously unidentified non-Aboriginal heritage items which may be discovered during the project. 	Compliant	<p>Northern Region Aboriginal Cultural Heritage Management Plan (August 2019)</p> <p>Northern Region Historic Heritage Management Plan (July 2018)</p> <p>Myuna ACHMP Meeting Presentation (2022-2025)</p> <p>Northern ACHMP Committee Meeting Minutes (2022-2025)</p> <p>Annual Reviews (2022, 2023, 2024)</p>	<p>Heritage is managed in accordance with the Northern Region Aboriginal Cultural Heritage Management Plan (ACHMP) (August 2019) and the Northern Region Historic Heritage Management Plan (HHMP) (July 2018). Attachment 4 and Attachment 3 of these plans contain information specific to Myuna Colliery.</p> <p><u>Preparation:</u></p> <ul style="list-style-type: none"> a) Attachment 5 of the ACHMP and Attachment 6 of the HHMP contain details of consultation. b) Assessed in previous IEA. c) Section 3 in the ACHMP and HHMP provide cultural context. d) Section 9 of the ACHMP and Section 7 of the HHMP discuss roles and responsibilities. e) <ul style="list-style-type: none"> Table 2 of attachment 3 and Section 5 (Historic Heritage Assessment) of the HHMP. Section 6.7 (Identification of Previously Unknown Aboriginal Cultural Heritage Sites) of the ACHMP. Section 6.7 (Identification of Previously Unknown Aboriginal Cultural Heritage Sites) of the ACHMP. Section 10 (Inductions) and Section 11 (Document Control) of the ACHMP and Section 7.3 (Inductions) and Section 7.4 (Document Control) of the HHMP. Section 5.3 (Aboriginal Heritage Sub-Committee) of the ACHMP. ACHMP and HHMP Section 6.7 (Identification of Previously Unknown Aboriginal Cultural Heritage Sites) of the ACHMP. <p><u>Implementation</u></p> <ul style="list-style-type: none"> 6 Monthly meeting with RAPs: <ul style="list-style-type: none"> 12 March 2025 11 September 2024 11 October 2023 8 March 2023 2 November 2022 <p>Annual Reviews for the audit period state 'There was no disturbance or undermining of known Aboriginal heritage or European heritage sites during the Reporting Period. No monitoring was required under the HHMP or ACHMP at Myuna.'</p> <p>Annual Reviews state 'There was no land disturbance at Myuna Colliery during the audit period.'</p>	
VISUAL					
Visual Amenity and Lighting					
30	<p>The Applicant must:</p> <p>(a) minimise visual impacts, and particularly the off-site lighting impacts, of the Myuna Colliery surface facilities site;</p> <p>(b) take all reasonable and feasible measures to mitigate off-site lighting impacts from the project; and</p> <p>(c) ensure that all external lighting associated on site complies with Australian Standard AS4282 (INT) 1995 – Control of Obtrusive Effects of Outdoor Lighting, to the satisfaction of the Secretary.</p>	Compliant	<p>Annual Review (2022, 2023, 2024)</p> <p>Site inspection and discussions</p>	<p>The Annual Review states that no complaints related to visual or lighting have been received during the audit period. There have been no changes to operations, infrastructure, buildings etc since the EIS was approved or since the previous IEA was undertaken.</p> <p>No residents can see the site (surrounded by bush).</p>	
WASTE					

PA 10_0080 Centennial Myuna Pty Limited

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action										
31	<p>The Applicant must:</p> <p>(a) minimise the waste generated by the project; and</p> <p>(b) ensure that the waste generated by the project is appropriately stored, handled and disposed of, to the satisfaction of the Secretary.</p>	Compliant	<p>Annual Review (2022, 2023, 2024)</p> <p>JR Richards Total Waste Report</p> <p>Site inspection and discussions</p> <p>Waste Management Plan (MY-EMS-007)</p> <p>Selection of Myuna Colliery - Waste Inspection Reports</p>	<p>An internal Waste Management Plan for Myuna Colliery was sighted during the audit which outlines the waste streams onsite, waste minimisation and recycling, waste management strategies and responsibilities.</p> <p>JR Richards is under contract to manage waste streams at the site. Waste is sorted, classified and removed, and examples of the monthly waste tracking spreadsheet were provided as evidence during the audit. A weekly inspection is undertaken. No waste was received from offsite during the audit period.</p> <p>Waste management across most of the site was completed well. The only area that requires further work is the waste sorting area on the pit top as this area is located within a small clean water catchment. There is therefore a risk for litter and carbonaceous material entering the clean water diversion drains and flow off site. Litter and a small amount of carbonaceous material was seen in the drain close to the waste sorting area. We have not been provided any evidence that the DPHI have ever raised an issue with waste management at the site hence we have the condition compliant, but with an improvement recommendation.</p>	<p>IMP REC 05: Consider options to manage surface waste to reduce the risk of wind-blown rubbish and pests.</p> <p>IMP REC 06: Investigate options in the waste sorting area to reduce the risk of dirty water entering the clean water catchment.</p>										
BUSHFIRE MANAGEMENT															
32	<p>The Applicant must:</p> <p>(a) review its existing bushfire management procedures and fire fighting equipment to ensure that the project is suitably equipped to respond to any fires on site; and</p> <p>(b) assist the Rural Fire Service and emergency services as much as possible if there is a fire in the surrounding area.</p>	Compliant	<p>Internal Bush Fire Risk Management Plan (April 2023)</p> <p>MY-EWP-026 - Annual Fire Fuel Loading Assessment Procedure (Not completed)</p> <p>MY-EWP-027 - Quarterly Bushfire Inspection Procedure (Not completed)</p> <p>Email - Myuna Hazard Reduction Burn (05 Sep 2025)</p> <p>Site discussions</p> <p>Screen shot from Pulse displaying the closed out Work Orders for Annual Fire Fuel Loading Assessments</p> <p>Work Order - Environmental Quarterly Bushfire Inspection (08 May 2025)</p> <p>Screen shot from Pulse displaying the closed out Work Orders for Quarterly Bushfire Inspection</p>	<p>An Internal Bushfire Management Plan for Myuna Colliery was sighted during the audit which includes a summary of actions undertaken for bushfire management.</p> <p>The Environment & Community Officer is in regular contact with local RFS officer, evidence of liaison with Fire and Rescue to arrange Hazard Reduction burns in 2025.</p> <p><u>Implementation of the Bushfire Management Plan</u></p> <p>Section 1.3.4 (Bush Fire Management Overview) of the Bushfire Management Plan states that Maintenance of Fences, Locks and Gates is a part of Asset Management required for bushfire management on site. Section 4.3 (Bush Fire Risk Management Strategies) states that a strategy to reduce ignitions is to undertake 'Regular checks of perimeter fence and gates to ensure they are secure'.</p> <p>During the site inspection, IEMA observed sections of fence that were damaged and require repair (see Appendix A, photographs 24 and 25).</p> <p>Statement from Myuna: 'Fuel loading assessments are no longer completed as per the method in the procedure. Site visits have been completed with RFS or NSW Fire and Rescue.' Evidence of screenshot from Pulse W/O report showing actions completed for Annual Fire Fuel Loading Assessments. Note: Site has stated that 'fuel loading assessments are no longer completed as per the method in the procedure.'</p> <p>Quarterly Bushfire Inspection undertaken - Evidence of closed out Workorders on Pulse.</p>	<p>IMP REC 07: To maintain consistency with Sections 1.3.4 and 4.3 of the Bushfire Management Plan, repair damaged fences around the pit top.</p>										
REHABILITATION															
33	<p>The Applicant must rehabilitate the surface facilities sites in accordance with the conditions imposed on the mining lease(s) associated with the development under the Mining Act 1992. This rehabilitation must be generally consistent with the proposed rehabilitation strategy described in the EA, and comply with the objectives in Table 7.</p> <table border="1"> <caption>Table 7: Rehabilitation Objectives</caption> <thead> <tr> <th>Feature</th> <th>Objective</th> </tr> </thead> <tbody> <tr> <td>Surface facilities sites.</td> <td>Safe, stable & non-polluting. Final land use compatible with surrounding land uses.</td> </tr> <tr> <td>Project surface infrastructure.</td> <td>To be decommissioned and removed, unless the Resources Regulator agrees otherwise.</td> </tr> <tr> <td>Portals and vent shafts</td> <td>To be decommissioned and made safe and stable. Retain habitat for threatened species (eg bats), where practicable</td> </tr> <tr> <td>Community.</td> <td>Ensure public safety. Minimise the adverse socio-economic effects associated with mine closure.</td> </tr> </tbody> </table> <p>Notes:</p> <ul style="list-style-type: none"> These rehabilitation objectives apply to all subsidence impacts and environmental consequences caused by mining taking place after the date of this approval; and to all project surface infrastructure part of the project, whether constructed prior to or following the date of this approval. Rehabilitation of subsidence impacts and environmental consequences caused by mining which took place prior to the date of this approval may be subject to the requirements of other approvals (eg under a mining lease or an Subsidence Management Plan approval) or the Applicant's commitments. 	Feature	Objective	Surface facilities sites.	Safe, stable & non-polluting. Final land use compatible with surrounding land uses.	Project surface infrastructure.	To be decommissioned and removed, unless the Resources Regulator agrees otherwise.	Portals and vent shafts	To be decommissioned and made safe and stable. Retain habitat for threatened species (eg bats), where practicable	Community.	Ensure public safety. Minimise the adverse socio-economic effects associated with mine closure.	Not triggered	<p>Annual Rehabilitation Report and Forward Program (March 2023)</p> <p>Annual Rehabilitation Report (2024)</p> <p>Annual Rehabilitation Report (2023)</p>	<p>All surface infrastructure associated with Myuna Colliery's operations are located at the Surface Facilities Area. These objectives apply to final rehabilitation of the site, which has not commenced as the mine is still operational.</p> <p>Exploration rehabilitation was undertaken progressively in 2022 for 26 rockhead boreholes and 6 surface to seam boreholes.</p>	
Feature	Objective														
Surface facilities sites.	Safe, stable & non-polluting. Final land use compatible with surrounding land uses.														
Project surface infrastructure.	To be decommissioned and removed, unless the Resources Regulator agrees otherwise.														
Portals and vent shafts	To be decommissioned and made safe and stable. Retain habitat for threatened species (eg bats), where practicable														
Community.	Ensure public safety. Minimise the adverse socio-economic effects associated with mine closure.														
Progressive Rehabilitation															
34	<p>The Applicant must carry out the rehabilitation of the site progressively, that is, as soon as reasonably practicable following disturbance.</p>	Not triggered		<p>Due to the nature of underground mining, there is limited opportunities for progressive rehabilitation. The Annual Reviews state there has been no rehabilitation to date.</p>											
Rehabilitation Strategy															

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Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
34A	<p>The Applicant must prepare a Rehabilitation Strategy for the project, to the satisfaction of the Secretary. The Rehabilitation Strategy must:</p> <ul style="list-style-type: none"> (a) be prepared by a suitably qualified and experienced person(s) whose appointment has been endorsed by the Secretary; (b) be prepared in consultation with Resources Regulator, Fisheries NSW, LMCC, Central Coast Council and the CCC; (c) be submitted to the Secretary for approval within 6 months of the date of determination of MP10_0080 MOD 3, or as otherwise agreed by the Secretary; (d) build upon the Rehabilitation Objectives in Table 7 and describe the strategic rehabilitation outcomes for the site, including mine closure, final landform, post-mining land use/s and water management; (e) align with the strategic rehabilitation and mine closure objectives and address the principles of the Strategic Framework for Mine Closure (ANZMEC and MCA, 2000), or its latest version; (f) describe how rehabilitation will be integrated with the mine planning process, including a plan to address premature or temporary mine closure; (g) include details of: <ul style="list-style-type: none"> (i) target vegetation communities and species to be established within the proposed revegetation areas; (ii) a post mining land use strategy to investigate and facilitate post mining beneficial land uses for the site and/or infrastructure; and (iii) stakeholder engagement plan to guide rehabilitation and mine closure planning processes and outcomes. (h) investigate opportunities to refine and improve the final landform over time. <p><i>Note: The Rehabilitation Strategy must address all land impacted by the mine, whether prior to or following the date of this consent.</i></p>	Compliant	<p>Rehabilitation Strategy (Aug 2023)</p> <p>Rehabilitation Strategy (Aug 2023) Approval Letter from DPHI (Dated 04/09/2023)</p> <p>DPHI letter (dated 16/05/2023) - Endorsement of suitably qualified and experienced person.</p> <p>Submission email to DPHI sighted during site inspection.</p>	<p>Rehabilitation Strategy (Aug 2023) approved by DPHI in a letter dated 04/09/2023.</p> <ul style="list-style-type: none"> (a) Developed by a suitably qualified and experienced person who was endorsed by DPHI in a letter dated 16/05/2023. (b) Section 5 (Stakeholder Consultation) and Appendix B (Stakeholder Engagement). (c) Mod 3 approved 25 Nov 2022. The Rehabilitation Strategy was submitted to DPHI on 25 May 2023. (d) Sections 1.4 (Rehabilitation Objectives), 6 (Proposed Future Use of Rehabilitated Areas) and 7 (Rehabilitation). (e) Section 4 (Mine Closure Planning). (f) Sections 3 (Land Management and Rehabilitation) and 4 (Mine Closure Planning). (g) (i) Section 2 (Site Context). (ii) Section 6 (Proposed Future Use of Rehabilitated Areas). (iii) Section 5 (Stakeholder Consultation). (h) Section 8.2 (Opportunities to Refine and Improve the Final Landform). 	
34B	The Applicant must implement the approved Rehabilitation Strategy	Not triggered	Rehabilitation Strategy (Aug 2023)	No large scale final rehabilitation to implement.	
Rehabilitation Management Plan					
35	The Applicant must prepare and implement a Rehabilitation Management Plan for the project in accordance with the conditions imposed on the mining lease(s) associated with the project under the Mining Act 1992.	Compliant	Rehabilitation Management Plan For Large Mines (18 Dec 2023)	Compliant for the preparation of the Rehabilitation Management Plan. Not yet triggered for implementation.	
SCHEDULE 4 - ADDITIONAL PROCEDURES					
NOTIFICATION OF LANDOWNERS					
1	<p>As soon as practicable after obtaining monitoring results showing:</p> <ul style="list-style-type: none"> (a) an exceedance of any relevant criteria in schedule 3, the Applicant must notify affected landowners in writing of the exceedance, and provide regular monitoring results to each affected landowner until the project is again complying with the relevant criteria; and (b) an exceedance of any relevant air quality criteria in schedule 3, the Applicant must send a copy of the NSW Health fact sheet entitled "Mine Dust and You" (as may be updated from time to time) to the affected landowners and/or existing tenants of the land (including the tenants of any mine owned land). 	Not triggered	Annual Review (2022, 2023, 2024)	No exceedance of any relevant criteria in schedule 3.	
INDEPENDENT REVIEW					
2	<p>If an owner of privately-owned land considers the project to be exceeding the relevant criteria in Schedule 3, then he/she may ask the Secretary in writing for an independent review of the impacts of the project on his/her land.</p> <p>If the Secretary is satisfied that an independent review is warranted, then within 2 months of the Secretary's decision the Applicant must:</p> <ul style="list-style-type: none"> (a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: <ul style="list-style-type: none"> · consult with the landowner to determine his/her concerns; · conduct monitoring to determine whether the project is complying with the relevant criteria in Schedule 3; and · if the project is not complying with these criteria, then identify the measures that could be implemented to ensure compliance with the relevant criteria; and (b) give the Secretary and landowner a copy of the independent review. 	Not triggered	Site communications	Centennial Myuna reported that there have been no requests for independent review within the audit period.	
3	<p>If the independent review determines that the project is complying with the relevant criteria in Schedule 3, then the Applicant may discontinue the independent review with the approval of the Secretary.</p> <p>If the independent review determines that the project is not complying with the relevant impact assessment criteria in Schedule 3, and that the project is primarily responsible for this non-compliance, then the Applicant must:</p> <ul style="list-style-type: none"> (a) implement all reasonable and feasible mitigation measures, in consultation with the landowner and appointed independent person, and conduct further monitoring until the project complies with the relevant criteria; or (b) secure a written agreement with the landowner to allow exceedances of the relevant criteria, to the satisfaction of the Secretary. 	Not triggered	Site communications	Centennial Myuna reported that there have been no requests for independent review within the audit period.	
SCHEDULE 5 - ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING					
ENVIRONMENTAL MANAGEMENT					
Environmental Management Strategy					

PA 10_0080 Centennial Myuna Pty Limited

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
1	<p>The Applicant must prepare and implement an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must:</p> <ul style="list-style-type: none"> (a) be submitted for approval to the Secretary within 7 months of the date of this approval; (b) provide the strategic framework for the environmental management of the project; (c) identify the statutory approvals that apply to the project; (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project; (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; · 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 (f) include: <ul style="list-style-type: none"> · copies of any strategies, plans and programs approved under the conditions of this approval; and · a clear plan depicting all the monitoring required to be carried out under the conditions of this approval. 	Compliant	<p>Environmental Management Strategy (June 2017)</p> <p>Annual Review (2022 - 2024)</p>	<p><u>Preparation</u></p> <p>(a) Approval of the original Environmental Management Strategy (EMS) within 7 months of approval was assessed as compliant in previous IEAs. There has been no updates/changes to the EMS (June 2017) within this audit period.</p> <p>(b) The strategic framework for environmental management of Myuna Colliery is included in Section 3 (Environmental Management System Framework).</p> <p>(c) The legislative requirements for Myuna Colliery are summarised in Section 1 (Introduction).</p> <p>(d) Section 5 (Responsibilities) outlines responsibilities for environmental management.</p> <p>(e) Section 4 (Information and Communication) includes details of communication with the community, complaint management, dispute resolution and non-compliance/incident reporting. Emergency response is discussed in Section 7 (Environmental Emergencies).</p> <p>(f) Copies of environmental management plans are available on the Centennial Website. Appendix 3 contains a summary monitoring required by this consent, and refers to individual management plans for further detail.</p> <p><u>Implementation</u></p> <p>There is evidence of weekly inspections provided by site.</p> <p>An example of a work order and weekly inspection were sighted during audit and the site inspection did not identify any areas of major concern. The Pollution Incident Response Plan (November 2024) includes different notifications for different types of incidents, however this document has not required activation during the audit period. There was 1 complaint during the audit period relating to odour (see Schedule 3, Condition 15). Although the complaint made was noted, the audit team do not believe that the odour complaint was related to the geotech work on Lake Macquarie.</p> <p>The Annual Review (see Schedule 5, Condition 4) includes a comprehensive review of the monitoring results, non-compliances, community consultation and environmental management undertaken each year.</p>	
Management Plan Requirements					
2	<p>The Applicant must ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include:</p> <ul style="list-style-type: none"> (a) detailed baseline data; (b) a description of: <ul style="list-style-type: none"> · the relevant statutory requirements (including any relevant approval, licence or lease conditions); · any relevant limits or performance measures/criteria; · the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures; (c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria; (d) a program to monitor and report on the: <ul style="list-style-type: none"> · impacts and environmental performance of the project; · effectiveness of any management measures (see c above); (e) a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible; (f) a program to investigate and implement ways to improve the environmental performance of the project over time; (g) a protocol for managing and reporting any: <ul style="list-style-type: none"> · incidents; · complaints; · non-compliances with statutory requirements; and · exceedances of the impact assessment criteria and/or performance criteria; and (h) a protocol for periodic review of the plan. <p><i>Note: The Secretary may waive some of these requirements if they are unnecessary for particular management plans.</i></p>	Compliant	Management Plans	<p>All management plans were found to generally address the requirements of this condition. The Northern Region Management Plans contain "common measures" and site-specific measures in the appendices.</p> <p>IEMA generally recommends that all management plans include this condition in the compliance table at the beginning of the document.</p> <p>Plans/Strategies/Programs required by this consent:</p> <ul style="list-style-type: none"> • Extraction Management Plan • Benthic Communities Management Plan • Seagrass Management Plan • Built Features Management Plan • Subsidence Monitoring Program • Public Safety Management Plan • Strata Management Plan • Noise Management Plan • Air Quality and Greenhouse Gas Management Plan • Water Management Plan • Erosion and Sediment Control Plan • Surface Water Management Plan • Groundwater Monitoring Program • Surface and Groundwater Response Plan • Biodiversity Management Plan • Heritage Management Plan • Rehabilitation Management Plan • Environmental Management Strategy • Aboriginal Cultural and Heritage Management Plan • Rehabilitation Strategy 	
Adaptive Management					
3	<p>The Applicant must assess and manage project-related risks to ensure that there are no exceedances of the criteria and/or performance measures in Schedule 3. Any exceedance of these criteria and/or performance measures constitutes a breach of this approval and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation.</p> <p>Where any exceedance of these criteria and/or performance measures has occurred, the Applicant must, at the earliest opportunity:</p> <ul style="list-style-type: none"> (a) take all reasonable and feasible steps to ensure that the exceedance ceases and does not recur; (b) consider all reasonable and feasible options for remediation (where relevant) and submit a report to the Department describing those options and any preferred remediation measures or other course of action; and (c) implement remediation measures as directed by the Secretary, to the satisfaction of the Secretary. 	Not triggered	Annual Review (2022, 2023 and 2023)	No criteria exceedances during the audit period.	
Annual Review					

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Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
4	<p>By the end of March 2013, and annually thereafter, the Applicant must review the environmental performance of the project to the satisfaction of the Secretary. This review must:</p> <ul style="list-style-type: none"> (a) describe the development (including any rehabilitation) that was carried out in the past calendar year, and the development that is proposed to be carried out over the next year; (b) include a comprehensive review of the monitoring results and complaints records of the project over the past calendar year, which includes a comparison of these results against the: <ul style="list-style-type: none"> the relevant statutory requirements, limits or performance measures/criteria; requirements of any plan or program required under this approval; the monitoring results of previous years; and the relevant predictions in the EA; (c) identify any non-compliance over the past year, and describe what actions were (or are being) taken to ensure compliance; (d) identify any trends in the monitoring data over the life of the project; (e) identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and (f) describe what measures will be implemented over the next year to improve the environmental performance of the project. 	Compliant	Annual Review (2022, 2023, 2024)	<p>IEMA have reviewed the Myuna Colliery Annual Review for 2022, 2023 and 2024 and believe that these documents are generally in accordance with the requirements of this condition the following sections:</p> <ul style="list-style-type: none"> a) Section 6 b) Section 6 and 7 c) Section 11 d) Section 6 and 7. Evidence of short and long term trends. e) Section 6 and 7 f) Section 6 and 7 	
Revision of Strategies, Plans and Programs					
5	<p>Within 3 months of:</p> <ul style="list-style-type: none"> (a) the submission of an annual review under condition 4 above; (b) the submission of an incident report under condition 7 below; (c) the submission of an audit under condition 9 below; and (d) any modification to the conditions of this approval (unless the conditions require otherwise), the Applicant must review, and if necessary revise, the strategies, plans, and programs required under this approval to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review, the revised document must be submitted to the Secretary for approval. <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>	Compliant	<p>Centennial Letter to DPHI (dated 30 Jun 2023)</p> <p>Centennial Letter to DPHI (dated 05 Jun 2024)</p> <p>Centennial Letter to DPHI (dated 30 Jul 2022)</p>	<p>IEMA has reviewed various management plans which have been updated since original approval in accordance with this condition. Letters to the DPHI were also sighted showing submission of the updated documents for review and approval.</p>	
Community Consultative Committee					
6	<p>The Applicant must establish and operate a Community Consultative Committee (CCC) for the project in general accordance with the Guidelines for Establishing and Operating Community Consultative Committees for Mining Projects (Department of Planning, 2007, or its latest version), to the satisfaction of the Secretary. This CCC must be operating within 7 months of the date of this approval.</p> <p><i>Notes:</i></p> <ul style="list-style-type: none"> The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Applicant complies with this approval; and The Committee should be comprised of an independent chair and appropriate representation from the Applicant, LMCC, Central Coast Council, recognised environmental groups and the local community. 	Compliant	<p>Myuna CCC Minutes (2022 - 2025)</p> <p>Myuna CCC Agenders (2022 - 2025)</p> <p>Myuna CCC Presentations (2022 - 2025)</p>	<p>CCC meetings undertaken during the audit period. The Centennial website includes copies of CCC meeting minutes and presentations given at the meetings.</p> <p>Meetings during the audit period held on:</p> <ul style="list-style-type: none"> 10 October 2022 6 March 2023 9 October 2023 11 March 2024 14 October 2024 10 March 2025 	
REPORTING					
Incident Reporting					
7	<p>The Applicant must notify, at the earliest opportunity, the Secretary and any other relevant agencies of any incident that has caused, or threatens to cause, material harm to the environment. For any other incidents associated with the project, the Applicant must notify the Secretary and any other relevant agencies as soon as practicable after the Applicant becomes aware of the incident. Within 7 days of the date of the incident, the Applicant must provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.</p>	Compliant	<p>2022 - 2024 Incident Notifications and Investigation Reports</p>	<p>PA 10_0080 defines an incident as:</p> <p>A set of circumstances that:</p> <ul style="list-style-type: none"> causes or threatens to cause material harm to the environment; and/or breaches or exceeds the limits or performance measures/criteria in this approval <p>Based on the information included in the Annual Reviews and site discussions there doesn't appear to be any incidents that have caused, or threatened to cause, material harm to the environment during the audit period. All incidents were notified to and reported to DPHI within required timeframes.</p> <p>2024 Incidents (minor exceedance)</p> <ul style="list-style-type: none"> Noise exceedance of 1dBA at R7 on 25 June 2024. Notification provided to DPHI on 2 July 2024. Investigation report provided to DPHI on 9 July 2024. In accordance with Section 11.1.3 of the Industrial Noise Policy (INP)(2000) this exceedance is not considered a non-compliance as the estimated site contribution is within the +2dB statutory noise limit. <p>There were dust gauge issues, however they did not trigger the incident definition in the consent (i.e. not a breach of a limit).</p> <p>2024 missed sample</p> <ul style="list-style-type: none"> Missed dust sample at DG 1 on 1 Nov 2024. Notification and investigation report provided to DPHI on 4 Nov 2024. <p>2023 missed sample</p> <ul style="list-style-type: none"> Missed dust sample at DG 1 for the period 4 Sep - 4 Oct 2023. Failure to monitor discharge volume at LDP 9 - 26-28 Jan 2023. Missed water quality sample at LDP 9 - 12 Jan 2023. <p>2022 missed samples</p> <ul style="list-style-type: none"> Missed water quality sample at LDP 9 on 6 Sep 2022. Missed dust sample at DG 1 for the period 5 Aug - 5 Sep 2022. 	
Regular Reporting					
8	<p>The Applicant must 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>	Compliant	Centennial Website	The Centennial website includes Annual Reviews, management plans, and a monthly summary of environmental monitoring results.	
INDEPENDENT ENVIRONMENTAL AUDIT					

PA 10_0080 Centennial Myuna Pty Limited

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)

Mod 1 - 27 Feb 2015

Mod 2 - Withdrawn

Mod 3 - 25 Nov 2022

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
9	By the end of June 2013, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant must 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 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 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. <i>Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.</i>	Compliant	2019 IEA (IEMA)	Previous IEA: The previous IEA met the requirements of this condition. Current IEA: IEMA were endorsed by DPHI in a letter dated 28 Apr 2025 and IEMA commenced the audit based on the timing advice of Centennial Myuna. No specialists were required. Consultation was undertaken. Further details are provided in the Audit Report.	
10	Within 6 weeks of the completion of this audit, or as otherwise agreed by the Secretary , the Applicant must submit a copy of the audit report to the Secretary , together with its response to any recommendations contained in the audit report.	Compliant	2022 IEA DPHI IEA acceptance letter dated 11/10/2022	The 2022 IEA (IEMA) was from 11 September 2022, and submitted to the DPHI on 12 September 2022, which was within 6 weeks of completion required by this condition.	
ACCESS TO INFORMATION					
11	Within 4 months of the date of this approval, the Applicant must : (a) make copies of the following publicly available on its website: · the documents referred to in condition 2 of Schedule 2; · all relevant 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 approved plans or programs required under the conditions of this or any other approval; · a complaints register, which is to be updated on a monthly basis; · minutes of CCC meetings; · the annual reviews required under this approval; · any independent environmental audit of the project, and the Applicant's response to the recommendations in any audit; · any other matter required by the Secretary ; and (b) keep this information up-to-date, to the satisfaction of the Secretary .	Compliant	Centennial Website	(a) - EA (MOD 3), Statement of Commitments and conditions of this approval available on website. - PA 10_0080 and Myuna Development Consent available on website. - All approved strategies, plans and programs required under the conditions of this approval available on website. - Monthly Environmental Monitoring Reports available on website. - Complaints Register for the audit period available on Myuna website. - Meeting Minutes available on website. - IEA and Centennial's Response to IEA Recommendations available on website. (b) Current versions of documents available on website.	

Audit Period:

21 June 2022 to 04 June 2025 (Last day of the site inspection)

Summaries

49	Compliant
14	Not triggered
2	Non-compliant
65	Total

Statement of Commitments Myuna IEA



Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
Clean Water Diversion Works					
1	Construction will be undertaken during the hours 7am to 6pm Monday to Friday and 8am to 1pm on Saturdays. No construction work will be undertaken on Sundays or Public Holidays	Not triggered	Annual Reviews (2022, 2023 and 2024)	No construction was undertaken during the audit period.	
Hours of Operation					
2	Mining and associated operations will be undertaken 24 hours a day, 7 days a week	Compliant		Myuna Colliery operates 24 hours a day, 7 days a week	
Subsidence					
3	Mining will be undertaken in accordance with the document titled 'Design Criteria and Mining Methods for Seams' provided as Attachment 1 to the Response to Submissions.	Compliant	Annual Reviews (2022, 2023 and 2024)	See PA 10_0080 Schedule 3, Conditions 1-2 for compliance assessment.	
4	An Extraction Plan, or equivalent document, takes into account the existing information presented in this Environmental Assessment, will be developed for mining with subsidence Zone B, in consultation with the DP&I, prior to the secondary workings being undertaken in Zone B	Not triggered		Myuna Colliery is currently a bord and pillar operation with no secondary workings. Therefore, the requirement for an extraction plan has not been triggered	
Groundwater and Surface Water					
5	Within 6 months of Project Approval, a variation to EPL 366 will be lodged within the Office of Environment and Heritage to: - Combine licensed discharge points LDP001 and LDP002 into a single licenced discharge point, LDP B, with a combined discharge volume of 13ML/day - Establish a licenced discharge point at the Emergency Coal Stockpile Sediment Dam, LDP A, for event-based discharges where rainfall exceeds 140 millimetres in 24 hours	Compliant		Prior this audit period. EPL variation on 27 February 2013 to address this commitment.	
6	The Proponent will undertake an investigation of water reuse options at Myuna Colliery within 6 months of Project Approval	Compliant		Prior to this audit period. Assessed in previous IEAs as compliant.	
Aboriginal Heritage					
7	If first workings and/or secondary extraction is to occur under the culturally sensitive sites recorded in Addendum A and Addendum B of the EA, an archaeological monitoring programme is to be developed for the potentially impacted site(s)	Compliant	Annual Reviews (2022, 2023 and 2024) Northern Region Aboriginal Cultural Heritage Management Plan (August 2019)	Secondary extractions commenced in 2024 as per the Annual Reviews. The 2024 Annual Review states: 'There was no disturbance or undermining of known Aboriginal heritage or European heritage sites during the Reporting Period. No monitoring was required under the HHMP or ACHMP at Myuna.'	
8	If there is evidence of Myuna Colliery mining-induced damage to sandstone outcrops and rock overhangs as described in Addendum A and Addendum B of Appendix M to the EA, all mining works affecting qualified archaeologist and the relevant Aboriginal stakeholders will be engaged as required.	Not triggered	Annual Reviews (2022, 2023 and 2024) Northern Region Aboriginal Cultural Heritage Management Plan (August 2019)	There has been no evidence of mining-induced damage to sandstone outcrops or rock overhangs during the audit period.	
9	Myuna Colliery will develop an Aboriginal Cultural Heritage Management Plan (ACHMP) for the identified Aboriginal heritage items within the Project Area, as well as, contingency strategies for any additional heritage issues which may arise. The ACHMP will comprise: - An assessment of the cultural significance of the Aboriginal heritage sites within the Project Area - Identification of roles and responsibilities (Centennial, Aboriginal stakeholder, heritage consultant) and - Strategies for: - Management of identified Aboriginal heritage sites - Management of Aboriginal heritage sites, should subsidence levels exceed the maximum predicted subsidence of 20 mm and - Management of additional sites, if identified The Myuna Colliery ACHMP will be developed in consultation with the relevant Aboriginal stakeholders and will adequately address Aboriginal cultural values	Compliant	Northern Region Aboriginal Cultural Heritage Management Plan (August 2019)	Aboriginal heritage is managed in accordance with the Northern Region Aboriginal Cultural Heritage Management Plan (August 2019). Attachment 4 contains information specific to Myuna Colliery. See PA 10_0080 Schedule 3, Condition 29 for compliance assessment.	
Aquatic Ecology					
10	Prior to undertaking secondary workings in Zone B, Myuna has committed to the development of an Extraction Plan. In relation to the benthic community of the Lake, this plan will include: a) Refining the predicted subsidence based on a detailed mine layout and design b) An assessment of the likely impacts of subsidence related to the detailed mine layout and design (based on prediction) on benthic communities within the proposed mining area c) An assessment of the consequences of the impacts on the availability of the light to the benthic communities, including the proportion of the Lake bed likely to be affected d) Management strategies to avoid reducing light availability to the Lake bed where the proportion of the Lake bed likely to be affected is, following consultation with the Office of Environment and Heritage, considered significant.	Compliant	Benthic Communities Management Plan (September 2024) Survey of Benthic communities off Pulbah Island, Cams Wharf and Point Wolstoncroft, Lake Macquarie NSW (March 2024) Survey of Benthic communities off Cams Wharf and Point Wolstoncroft, Lake Macquarie NSW (September 2024)	<u>Preparation</u> Extraction Plan (October 2024) has been approved which contains a Benthic Communities Management Plan. a) Section 7.2 (Subsidence Predictions) b) Section 7.3 (Predicted Impacts) c) Section 9 (Management Measures) d) Section 10 (Monitoring Program) <u>Implementation</u> • Seasonal biannual Benthic community monitoring undertaken in Mar and Sep of 2024.	
Life of Mine Rehabilitation					

Statement of Commitments Myuna IEA



Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action																								
11	The proponent will develop and implement a Rehabilitation and Environmental Management Plan within 5 years of completion of mining	Compliant	Rehabilitation Management Plan (2023)	Mining operations are permitted to 31 December 2032. A Rehabilitation Management Plan has been prepared which meets this requirement even though there is more than 5 years of mining remaining. See PA 10_0800 Schedule 3 Condition 35 for compliance assessment.																									
Mine design criteria and extraction methods within coal seams																													
12	<table border="1"> <thead> <tr> <th>Seam</th> <th>Location (at Surface level)</th> <th>Mining System (at seam level)</th> <th>Design Criteria</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Wallerah</td> <td>Zone A+Transition area</td> <td rowspan="2">First Workings ONLY</td> <td>(1)</td> </tr> <tr> <td>Zone B</td> <td>(2)</td> </tr> <tr> <td rowspan="2">Great Northern</td> <td>Zone A+Transition area</td> <td>First Workings ONLY</td> <td>(1) (2)</td> </tr> <tr> <td>Zone B</td> <td>First Workings and Partial Extraction (typically Non Caving)</td> <td>(1) (2) (3)</td> </tr> <tr> <td rowspan="2">Fassifern</td> <td>Zone A+Transition area</td> <td>First Workings ONLY</td> <td>(1) (2)</td> </tr> <tr> <td>Zone B</td> <td>First Workings and Partial Extraction</td> <td>(1) (2) (3)</td> </tr> </tbody> </table> <p>Table 1.</p> <p>(1) Legislative Requirements - CMHSR 2006 Clause 32 & Clause 88(2)(a) (1) - First Workings: (Clause 88 - Minimum pillar size will be 1/10th of depth or 10 metres).</p> <p>(2) Factor of Safety (FOS) based on UNSW Methodology - Calculations (including depth of cover, maximum roadway width/height and minimum dimensions of coal pillars) to determine the probability of instability consistent with the pillars role or roles over its life. The University of New South Wales (UNSW) developed the FOS calculations utilizing industry gathered data. From investigation an acceptable long term FOS value greater than 2.11 (FOS>2.11) is adopted for long term stable pillars. This provides a probability of failure of 1: 1,000,000.</p> <p>(3) Geotechnical Consultant Review: Prior to commencement of a Partial Extraction mining system in a new area, Myuna Colliery engages a Coal Mining Geotechnical Consultant to review the proposed design for each particular area. Design criteria involve review of seam floor and roof strength to determine suitability of mine design given multi-seam workings.</p>	Seam	Location (at Surface level)	Mining System (at seam level)	Design Criteria	Wallerah	Zone A+Transition area	First Workings ONLY	(1)	Zone B	(2)	Great Northern	Zone A+Transition area	First Workings ONLY	(1) (2)	Zone B	First Workings and Partial Extraction (typically Non Caving)	(1) (2) (3)	Fassifern	Zone A+Transition area	First Workings ONLY	(1) (2)	Zone B	First Workings and Partial Extraction	(1) (2) (3)	Compliant	<p>Myuna Extraction Plan Main Report (October 2024)</p> <p>Annual Review (2022, 2023 and 2024)</p> <p>Bathymetric Subsidence Survey (12 Mar 2025)</p>	<p>Preparation: Subsidence predictions for the secondary extraction of Panels 1121 and 1123 were prepared by Mine Advice (Mine Advice, 2024) and were based on a design that meets the consent conditions. Section 3.2 of the Extraction plan states 'Based on the conservative layout reviewed by Mine Advice, the subsidence impact assessment completed by MSEC, and that 1121 and 1123 Panels are situated within Zone B, there are no expected adverse impacts to built or natural surface features'.</p> <p>Implementation</p> <ul style="list-style-type: none"> Subsidence monitoring within Zone A is completed as due diligence with no measured subsidence beyond the 20mm limit in Zone A. As the entirety of the proposed secondary extraction area is located beneath Lake Macquarie, Centennial Myuna undertakes bathymetric surveys of the lakebed to monitor changes in lakebed height as an indicator of subsidence. A baseline bathymetric monitoring regime over the proposed secondary extraction area was completed during May 2024 prior to the commencement of secondary extraction to understand the background lakebed depth levels. Bathymetric surveys are being undertaken (see Bathymetric Subsidence Survey, 2025). No evidence of above predictions. 	
Seam	Location (at Surface level)	Mining System (at seam level)	Design Criteria																										
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	Zone B		(2)																										
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Audit Period:
21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

Summaries:

9	Compliant
3	Not triggered
0	Non-compliant
12	Total

EPL 366 - Centennial Myuna

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)



Condition Number	Condition	2025 Compliance Status	2025 Evidence Provided	2025 Finding	2025 Recommended Action																								
1	Administrative Conditions																												
A1	What the licence authorises and regulates																												
A1.1	<p>The Applicant must carry out the project generally in accordance with the:</p> <ul style="list-style-type: none"> (a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval. <p>Notes:</p> <ul style="list-style-type: none"> • The general layout of the project is shown in Appendix 3; and • The statement of commitments is reproduced in Appendix 5. <table border="1"> <thead> <tr> <th>Scheduled Activity</th> <th>Fee Based Activity</th> <th>Scale</th> </tr> </thead> <tbody> <tr> <td>Coal works</td> <td>Coal works</td> <td>> 2000000 - 5000000 T annual handing capacity</td> </tr> <tr> <td>Mining for coal</td> <td>Mining for coal</td> <td>> 2000000 - 3500000 T annual production capacity</td> </tr> </tbody> </table>	Scheduled Activity	Fee Based Activity	Scale	Coal works	Coal works	> 2000000 - 5000000 T annual handing capacity	Mining for coal	Mining for coal	> 2000000 - 3500000 T annual production capacity	Compliant	Annual Review (2022, 2023, 2024)	<p>Myuna operates at the address specified in the EPL and undertakes the scheduled activities specified (Mining for coal; Coal Works). The Annual Review states that the following amounts of ROM coal were produced by Myuna Colliery during the audit period:</p> <ul style="list-style-type: none"> • 2022 - 1,050,621 tonnes. • 2023 - 1,097,573 tonnes. • 2024 - 903,667 tonnes. <p>These volumes are less than the scale listed in this condition. As Myuna coal is not washed, the amount extracted is the amount produced.</p>																
Scheduled Activity	Fee Based Activity	Scale																											
Coal works	Coal works	> 2000000 - 5000000 T annual handing capacity																											
Mining for coal	Mining for coal	> 2000000 - 3500000 T annual production capacity																											
A1.2	<p>The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of:</p> <ul style="list-style-type: none"> (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this approval; and (b) the implementation of any actions or measures contained in these documents. 	Compliant	Annual Review (2022, 2023, 2024)	The Annual Reviews indicate the site is well below criteria within each Annual Review period, as listed in Condition A1.1.																									
A2	Premises or plant to which this licence applies																												
A2.1	<p>The licence applies to the following premises:</p> <table border="1"> <thead> <tr> <th colspan="2">Premises Details</th> </tr> </thead> <tbody> <tr> <td>MYUNA COLLIERY</td> <td></td> </tr> <tr> <td>14 SUMMERHILL DRIVE</td> <td></td> </tr> <tr> <td>WANGI WANGI</td> <td></td> </tr> <tr> <td>NSW 2287</td> <td></td> </tr> </tbody> </table> <p>SURFACE PREMISES OF THE COLLIERY IDENTIFIED IN PLAN TITLED "MYUNA COLLIERY ENVIRONMENT PROTECTION LICENCE NO.366 (EPL366) PREMISES BOUNDARIES AND MONITORING LOCATIONS" PLAN FASS10270, 13/09/2023 DOC23/907046-3, EF-13/2780.</p>	Premises Details		MYUNA COLLIERY		14 SUMMERHILL DRIVE		WANGI WANGI		NSW 2287		Compliant	-	<p>Noted</p> <p>Note: It was discussed during the site inspection that the EPL figure is in the process of being updated. See amended figure which has a larger area due to ML1880.</p>															
Premises Details																													
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14 SUMMERHILL DRIVE																													
WANGI WANGI																													
NSW 2287																													
A3	A3 Information supplied to the EPA																												
A3.1	<p>Works and activities must be carried out in accordance with the proposal contained in the licence application, except as expressly provided by a condition of this licence. In this condition the reference to "the licence application" includes a reference to:</p> <ul style="list-style-type: none"> a) the applications for any licences (including former pollution control approvals) which this licence replaces under the Protection of the Environment Operations (Savings and Transitional) Regulation 1998; and b) the licence information form provided by the licensee to the EPA to assist the EPA in connection with the issuing of this licence. 	Compliant	-	Condition noted																									
2	Discharges to Air and Water and Applications to Land																												
P1	Location of monitoring/discharge points and areas																												
P1.1	<p>The following points referred to in the table below are identified in this licence for the purposes of monitoring and/or the setting of limits for the emission of pollutants to the air from the point.</p> <table border="1"> <thead> <tr> <th colspan="4">Air</th> </tr> <tr> <th>EPA Identification no.</th> <th>Type of Monitoring Point</th> <th>Type of Discharge Point</th> <th>Location Description</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Dust deposition gauge</td> <td></td> <td>Labelled 'DG1' on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3</td> </tr> <tr> <td>5</td> <td>Dust deposition gauge</td> <td></td> <td>Labelled 'DG2' on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3</td> </tr> <tr> <td>6</td> <td>Dust deposition gauge</td> <td></td> <td>Labelled 'DG4' on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3</td> </tr> <tr> <td>8</td> <td>Particulate matter - PM10 - High Volume Air Sampler</td> <td></td> <td>Identified as PM10-1010 near weather station on plan titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 27/09/2023 DOC23/907046-3</td> </tr> </tbody> </table>	Air				EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description	3	Dust deposition gauge		Labelled 'DG1' on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3	5	Dust deposition gauge		Labelled 'DG2' on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3	6	Dust deposition gauge		Labelled 'DG4' on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3	8	Particulate matter - PM10 - High Volume Air Sampler		Identified as PM10-1010 near weather station on plan titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 27/09/2023 DOC23/907046-3	Compliant	Annual Review (2022, 2023, 2024) Northern Region Air Quality and Greenhouse Gas Management Plan (October 2023)	<p>Note this condition refers to monitoring locations, not criteria.</p> <p>The Northern Region Air Quality and Greenhouse Gas Management Plan (October 2023) contains details specific to Myuna Colliery in Appendix B, including details of air quality monitoring undertaken to meet EPL requirements.</p> <p>The Annual Reviews include monitoring results at DG1-4, and PM10/TSP results from the HVAS near the Automatic Weather Station. As of October 2023, DG2 is no longer required to be monitored with this change reflected in the EPL.</p>	
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P1.2	<p>The following utilisation areas referred to in the table below are identified in this licence for the purposes of the monitoring and/or the setting of limits for any application of solids or liquids to the utilisation area.</p>	Compliant	-	Noted.																									
P1.3	<p>The following points referred to in the table are identified in this licence for the purposes of the monitoring and/or the setting of limits for discharges of pollutants to water from the point.</p> <table border="1"> <thead> <tr> <th colspan="4">Water and Land</th> </tr> <tr> <th>EPA Identification no.</th> <th>Type of Monitoring Point</th> <th>Type of Discharge Point</th> <th>Location Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>Discharge to waters, discharge quality monitoring, Volume monitoring</td> <td>Discharge to waters, discharge quality monitoring, Volume monitoring</td> <td>Discharge from Settling Ponds within an LDP 9 on map titled 'Myuna Colliery Surface Layout M11101 Version 2' dated 27/09/2023 DOC23/907046-2</td> </tr> <tr> <td>10</td> <td>Discharge to waters, discharge quality monitoring</td> <td>Discharge to waters, discharge quality monitoring</td> <td>Emergency Coal Stockpile Dam discharge point within an LDP 10 on map titled 'Myuna Colliery Surface Layout M11101 Version 2' dated 27/09/2023 DOC23/907046-2</td> </tr> <tr> <td>21</td> <td>Quarterly Manganese monitoring 12-15m</td> <td></td> <td>Monitoring point required under Special Condition E1. Collocated at T2-10M on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3</td> </tr> <tr> <td>22</td> <td>Quarterly Manganese monitoring 10-15m</td> <td></td> <td>Monitoring point required under Special Condition E1. Collocated at T2-10M on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3</td> </tr> </tbody> </table>	Water and Land				EPA Identification no.	Type of Monitoring Point	Type of Discharge Point	Location Description	9	Discharge to waters, discharge quality monitoring, Volume monitoring	Discharge to waters, discharge quality monitoring, Volume monitoring	Discharge from Settling Ponds within an LDP 9 on map titled 'Myuna Colliery Surface Layout M11101 Version 2' dated 27/09/2023 DOC23/907046-2	10	Discharge to waters, discharge quality monitoring	Discharge to waters, discharge quality monitoring	Emergency Coal Stockpile Dam discharge point within an LDP 10 on map titled 'Myuna Colliery Surface Layout M11101 Version 2' dated 27/09/2023 DOC23/907046-2	21	Quarterly Manganese monitoring 12-15m		Monitoring point required under Special Condition E1. Collocated at T2-10M on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3	22	Quarterly Manganese monitoring 10-15m		Monitoring point required under Special Condition E1. Collocated at T2-10M on map titled 'MYUNA COLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations' dated 13/09/2023 DOC23/907046-3	Compliant	Myuna Colliery Water Management Plan (February 2023) Annual Review (2022, 2023, 2024)	<p>Note this condition refers to monitoring locations, not criteria.</p> <p>Surface water monitoring is discussed in Section 4 of the Water Management Plan (February 2023). The discharge volume and quality through LDP 9 (formerly referred to as LDP B) are monitored in accordance with EPL366, with results included in the Annual Review</p> <p>Centennial Myuna stated in the Annual Reviews that there was no discharge LDP 10 (formerly referred to as LDP A) at the Emergency Stockpile Dam during the audit period therefore no monitoring has been required at this location.</p> <p>Quarterly manganese monitoring is discussed in the Water Management Plan (February 2023) with results provided in Annual Reviews.</p> <p>See WMP for manganese triggers. There are no specific manganese criteria as part of the EPL.</p>	
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EPL 366 - Centennial Myuna

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)



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3	Limit Conditions																																																				
L1	Pollution of waters																																																				
L1.1	<p>Except as may be expressly provided in any other condition of this licence, the licensee must comply with section 120 of the Protection of the Environment Operations Act 1997.</p>	Compliant	Annual Review (2022, 2023, 2024)	<p>Section 120 of the POEO Act states: '120 Prohibition of pollution of waters <i>(1) A person who pollutes any waters is guilty of an offence.</i> Note . An offence against subsection (1) committed by a corporation is an offence attracting special executive liability for a director or other person involved in the management of the corporation—see section 169. <i>(2) In this section—pollute waters includes cause or permit any waters to be polluted.'</i></p> <p>There was no evidence presented that showed discharges causing material harm or pollution from discharges. Evidence of volume and water quality monitoring was sighted during the audit and water quality was within limits. All discharges occurred via LDP009.</p> <p>No noted discharge from other locations.</p>																																																	
L2	Concentration limits																																																				
L2.1	For each monitoring/discharge point or utilisation area specified in the table's below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.	Compliant		Refer to L2.4																																																	
L2.2	Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.	Compliant		Refer to L2.4																																																	
L2.3	To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table's.	Compliant		Refer to L2.4																																																	
L2.4	Water and/or Land Concentration Limits																																																				
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Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit																																																
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L2.5	Discharge to waters from Point 10 is only permitted when rainfall exceeds 140mm at the premises in any 24 hour period.	Not triggered	Annual Review (2022, 2023, 2024) Site discussion	No discharge from LDP10 during the audit period.																																																	
L3	Volume and mass limits																																																				
L3.1	<p>For each discharge point or utilisation area specified below (by a point number), the volume/mass of:</p> <p>a) liquids discharged to water; or</p> <p>b) solids or liquids applied to the area; must not exceed the volume/mass limit specified for that discharge point or area.</p> <table border="1"> <thead> <tr> <th>Point</th> <th>Unit of Measure</th> <th>Volume/Mass Limit</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>kilolitres per day</td> <td>13000</td> </tr> </tbody> </table>	Point	Unit of Measure	Volume/Mass Limit	9	kilolitres per day	13000	Compliant	Annual Review 2023	There were outages during the audit period at LDP9 (26-28 Jan 2023). However, site has the ability to track discharge volume. See condition M8.1 for frequency issue.																																											
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Condition Number	Condition	2025 Compliance Status	2025 Evidence Provided	2025 Finding	2025 Recommended Action																														
L4 Waste																																			
L4.1	<p>The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below.</p> <p>Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below.</p> <p>Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below.</p> <p>This condition does not limit any other conditions in this licence.</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Waste</th> <th>Description</th> <th>Activity</th> <th>Other Limits</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>General or Specific exempted waste</td> <td>Waste that meets all the exemptions under Clause 92 of the Protection of the Environment Operations (waste) Regulation 2014.</td> <td>As specified in each particular resource recovery exemption</td> <td>NA</td> </tr> </tbody> </table>	Code	Waste	Description	Activity	Other Limits	NA	General or Specific exempted waste	Waste that meets all the exemptions under Clause 92 of the Protection of the Environment Operations (waste) Regulation 2014.	As specified in each particular resource recovery exemption	NA	Compliant	Site discussion	See waste management condition in PA 10_0080. Note: No evidence of any waste received on site during the audit period.																					
Code	Waste	Description	Activity	Other Limits																															
NA	General or Specific exempted waste	Waste that meets all the exemptions under Clause 92 of the Protection of the Environment Operations (waste) Regulation 2014.	As specified in each particular resource recovery exemption	NA																															
L4.2	Waste generated on the premises must not be disposed of on the premises unless authorised by a condition of this Licence.	Compliant	Site discussion Centennial Coal - Myuna Waste Report	No evidence of waste disposal on site. Evidence of JR Richards Waste Tracking.																															
L5 Noise limits																																			
L5.1	<p>The licensee must ensure that noise generated by the activities within the premises, including from emergency stockpiling do not exceed the following criteria measured in dB(A) at any of the following locations or on more than 25% of any privately-owned land.</p> <table border="1"> <thead> <tr> <th>Location</th> <th>Day LAeq(15min)</th> <th>Emergency Day LAeq(15min)</th> <th>Evening LAeq(15min)</th> <th>Night LAeq(15min)</th> </tr> </thead> <tbody> <tr> <td>R1-2 Turrama St Warrig</td> <td>35</td> <td>40</td> <td>35</td> <td>35 LAeq(15min) 45 LA(1min)</td> </tr> <tr> <td>R3-3 Sunset Ct Warrig</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>R5-53 Donnelly Rd Arcadia Vale</td> <td>37</td> <td>44</td> <td>42</td> <td>39 LAeq(15min) 49 LA(1min)</td> </tr> <tr> <td>R7-63 Donnelly Rd Arcadia Vale</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>All other privately owned land</td> <td>35</td> <td>40</td> <td>35</td> <td>35 LAeq(15min) 45 LA(1min)</td> </tr> </tbody> </table> <p>Note: The locations 'R1, R3, R5 and R7' are shown on map titled "MYUNACOLLIERY Environment Protection Licence No.366 (EPL366) Premises Boundaries and Monitoring Locations" dated 13/09/2023 DOC23/907046-3 and in Table 1 "Nearest Sensitive Receivers" in the document titled "Centennial Coal Environmental Assessment Myuna Colliery Section 75W Modification to Project Approval PA 10_0080 November 2014".</p> <p>The licensee may provide to the EPA written evidence of any agreement with a landholder which is subject to the above noise limits. The written evidence of any agreement may be submitted with a licence variation to remove the landholder from the above table.</p>	Location	Day LAeq(15min)	Emergency Day LAeq(15min)	Evening LAeq(15min)	Night LAeq(15min)	R1-2 Turrama St Warrig	35	40	35	35 LAeq(15min) 45 LA(1min)	R3-3 Sunset Ct Warrig					R5-53 Donnelly Rd Arcadia Vale	37	44	42	39 LAeq(15min) 49 LA(1min)	R7-63 Donnelly Rd Arcadia Vale					All other privately owned land	35	40	35	35 LAeq(15min) 45 LA(1min)	Compliant	Annual Review (2022, 2023, 2024) Site discussion	<p>Monitoring of sites R1-R8 during the audit period is outlined in the Annual Reviews.</p> <p>2022 - no non-compliances recorded.</p> <p>2023 - no non-compliances recorded.</p> <p>2024 - no non-compliances recorded.</p> <p>2025 (1st Quarter) - no non-compliances recorded.</p> <p>No non-compliances were recorded throughout any of the noise monitoring periods with the exception of a minor 1 dB exceedance at monitoring location R7 during Quarter 2 of 2024. This was not considered to be a non-compliance in accordance with Section 11.1.3 of the NSW Industrial Noise Policy.</p> <p>The meteorological conditions at the time of the measurement were typical of 'non-standard' weather effects including intense temperature inversion conditions in accordance with the NSW Industrial Noise Policy and may have contributed to the measured exceedance at R7.</p> <p>No complaints during the audit period.</p> <p>Site has no agreement with landholders.</p>	
Location	Day LAeq(15min)	Emergency Day LAeq(15min)	Evening LAeq(15min)	Night LAeq(15min)																															
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L5.2	<p>For the purpose of condition L5.1:</p> <p>(a) Day is defined as the period from 7am to 6pm Monday to Saturday and 8am to 6pm Sunday and Public Holidays;</p> <p>(b) Evening is defined as the period from 6pm to 10pm; and</p> <p>(c) Night is defined as the period from 10pm to 7am Monday to Saturday and 10pm to 8am Sunday and Public Holidays.</p>	Compliant	Annual Review (2022, 2023, 2024)	Monitoring is now only required at night as per the Noise Management Plan as per M4.1.																															
L5.3	<p>The noise limits set out in condition L5.1 are to be measured in accordance with the relevant procedures and exemptions of the NSW Industrial Noise Policy (EPA 2000) and apply under all meteorological conditions except for any one of the following:</p> <p>a) wind speeds greater than 3 metres/second at 10 metres above ground level; or</p> <p>b) stability category F temperature inversion conditions and wind speeds greater than 2 metres/second at 10 metres above ground level; or</p> <p>c) stability category G temperature inversion conditions.</p>	Compliant	Annual Review (2022, 2023, 2024)	Monitoring is completed by acoustic specialist.																															
L5.4	<p>For the purpose of condition L5.3:</p> <p>a) the meteorological data to be used for determining meteorological conditions is the data recorded by the Eraring meteorological weather station or a weather station established at this site for the purposes of this Environment Protection Licence;</p> <p>Note: The weather station must be designed, commissioned and operated in a manner to obtain the necessary parameters required under the above condition.</p>	Compliant	Annual Review (2022, 2023, 2024)	Monitoring is completed by an acoustic specialist. Onsite weather station is operational.																															
L5.5	For the purpose of determining the noise generated at the premises the licensee must use a Class 1 or 2 noise monitoring device as defined by AS IEC61672.1-2004 and AS IEC61672.2-2004, or other noise monitoring equipment accepted by the EPA in writing.	Compliant	Annual Review (2022, 2023, 2024)	Monitoring is completed by an acoustic specialist.																															
L5.6	<p>To determine compliance:</p> <ol style="list-style-type: none"> With the LAeq(15 min) noise limits in condition L5.1, the licensee must locate noise monitoring equipment; <ol style="list-style-type: none"> within 30 metres of a dwelling facade (but not closer than 3 metres) where any dwelling on the property is situated more than 30 metres from the property boundary that is closest to the premises; approximately on the boundary where any dwelling is situated 30 metres or less from the property boundary that is closest to the premises, or, where applicable, within approximately 50 metres if the boundary of a national park or nature reserve. With the noise limits in condition L5.1, the noise monitoring equipment must be located; (a) at the most affected point at a location where there is no dwelling at the location, or (b) at the most affected point within an area at a location prescribed by conditions L5.6 1(a) or L5.6 1(b). 	Compliant	Annual Review (2022, 2023, 2024)	Monitoring is completed by an acoustic specialist.																															

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Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)



Condition Number	Condition	2025 Compliance Status	2025 Evidence Provided	2025 Finding	2025 Recommended Action
L5.7	A non-compliance of condition L5.1 will still occur where noise generated from the premises in excess of the appropriate limit is measured; - at a location other than an area prescribed by conditions L5.6 1(a) and L5.6 1(b), and /or - at a point other than the most affected point at a location.	Compliant	Annual Review (2022, 2023, 2024)	Monitoring is completed by acoustic specialist.	
L5.8	For the purposes of determining the noise generated at the premises the modification factors in Section 4 of the NSW Industrial Noise Policy must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.	Compliant	Annual Review (2022, 2023, 2024)	Monitoring is completed by acoustic specialist.	
L6	Potentially offensive odour				
L6.1	No condition of this licence identifies a potentially offensive odour for the purposes of Section 129 of the Protection of the Environment Operations Act 1997.	Compliant	Site inspection	During the site inspection there was no odour identified.	
L6.2	The licensee must not cause or permit the emission of offensive odour beyond the boundary of the premises. Note: Section 129 of the Protection of the Environment Operations Act 1997, provides that the licensee must not cause or permit the emission of any offensive odour from the premises but provides a defence if the emission is identified in the relevant environment protection licence as a potentially offensive odour and the odour was emitted in accordance with the conditions of a licence directed at minimising odour.	Compliant	Site inspection	During the site inspection there was no odour identified.	
4	Operating Conditions				
O1	Activities must be carried out in a competent manner				
O1.1	Licensed activities must be carried out in a competent manner. This includes: a) the processing, handling, movement and storage of materials and substances used to carry out the activity; and b) the treatment, storage, processing, reprocessing, transport and disposal of waste generated by the activity.	Non-compliant	Site inspection	a) <u>Non-compliant</u> , Four Hydrocarbon IBCs labelled as Fuchs Titan Supergear SAE 80W-90 incorrectly stored (not banded) adjacent to waste sorting area. Does not meet AS1940 (see Appendix A, Photograph 23). Site has stated that 'this is not a prescribed storage location for hydrocarbons. And that typically no hydrocarbons would be stored at the waste area or outside of a banded area.' b) See waste condition Schedule 3, Condition 31, noting there will be an improvement recommendation. This is not specifically a non-compliance with part b) of this condition. The incorrectly stored hydrocarbons and waste sorting area issues were the main areas of concern identified during the audit. The remainder of site was well maintained and kept to a high standard.	NC REC 01: Store IBCs as per AS1940 standards.
O2	Maintenance of plant and equipment				
O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: a) must be maintained in a proper and efficient condition; and b) must be operated in a proper and efficient manner.	Compliant	Calibration Certificates Example of Pulselive maintenance logs Evidence of Work Management System (WMS) program	No issues identified in the field around proper and efficient manner. Also note calibration certificates and other maintenance records.	
O3	Dust				
O3.1	The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	Compliant		This is a low risk dust site.	
O3.2	All operations and activities occurring at the premises must be carried out in a manner that will minimise the emission of dust from the premises	Compliant		No significant dust observed during the site inspection, and there are limited exposed surfaces. The current air quality controls include enclosed conveyor and coal handling plant, water sprays on the conveyor system and haul road, mobile water cannon, a road sweeper and a water cart operating on site during coal haulage activities.	
O3.3	Trucks entering and leaving the premises that are carrying loads of dust generating materials must have their loads covered at all times, except during loading and unloading.	Compliant	Site Inspection	No trucks were observed during site inspection, and Centennial Myuna reported that waste removal trucks are covered. No evidence of material from site being transported by trucks offsite.	
O3.4	Coal stockpiles must be maintained in a condition that will minimise the generation and emission of dust on the premises.	Compliant		The emergency coal stockpile was not in use during the site inspection. When the emergency stockpile is in use a water cannon is used.	
O4	Other operating conditions				
O4.1	The licensee must ensure that activities are conducted in an environmentally satisfactory manner. So as to minimise and prevent the pollution of air and water the licensee must: (a) Ensure that vehicles or containers prior to leaving the premises are clean and sealed in a manner that will not cause materials or wastes used in conducting the activities at the premises to be tracked, thrown from, blown, fall, or cast from any vehicle or container onto a public road. (b) The licensee must have in place and implement procedures to ensure that vehicles and containers exiting the premises are in a condition to ensure that materials are not tracked, thrown, blown, fall or cast onto a public road.	Compliant	Vehicle on site/off site declaration	Majority of site is sealed with limited exposed surface, and trucks are covered, materials strapped etc. Signoff includes internal checklist before leaving site. The work procedure for Transport of Equipment Offsite observed during audit requires inspection of equipment before leaving site.	
O4.2	All above-ground tanks containing material that is likely to cause environmental harm must be banded or have an alternative spill containment system in place.	Compliant	Site inspection	Hydrocarbon tanks are double banded.	

EPL 366 - Centennial Myuna

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)



Condition Number	Condition	2025 Compliance Status	2025 Evidence Provided	2025 Finding	2025 Recommended Action																																								
O4.3	The Licensee must transport all coal from the premises via the enclosed overland coal conveyor to Eraring Power Station.	Compliant	Site discussion	Centennial Myuna confirmed that all coal transport offsite is via conveyor. There is no road transport of coal, and no evidence of coal trucks were observed during the site inspection.																																									
5	Monitoring and Recording Conditions																																												
M1	Monitoring records																																												
M1.1	The results of any monitoring required to be conducted by this licence or a load calculation protocol must be recorded and retained as set out in this condition.	Compliant		Monitoring results were available electronically during the audit. The Centennial website also has monthly monitoring results required by this licence.																																									
M1.2	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.	Compliant		Monitoring data required by this licence is uploaded to the Centennial website on a monthly basis. Records beyond 6 years were available electronically during the audit.																																									
M1.3	The following records must be kept in respect of any samples required to be collected for the purposes of this licence: a) the date(s) on which the sample was taken; b) the time(s) at which the sample was collected; c) the point at which the sample was taken; and d) the name of the person who collected the sample.	Compliant	Selection of ALS Certificate of Analysis	Examples of monitoring results were provided by Centennial Myuna which included date, time, sample location and name of person who collected the sample.																																									
M2	Requirement to monitor concentration of pollutants discharged																																												
M2.1	For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:	Compliant		Refer to M2.2, M2.3 and M2.4 below for specific details.																																									
M2.2	Air Monitoring Requirements <table border="1"> <thead> <tr> <th colspan="4">POINT 3,5,6</th> </tr> <tr> <th>Pollutant</th> <th>Units of measure</th> <th>Frequency</th> <th>Sampling Method</th> </tr> </thead> <tbody> <tr> <td>Particulates - Deposited Matter</td> <td>grams per square metre per month</td> <td>Monthly</td> <td>AM-19</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="4">POINT 8</th> </tr> <tr> <th>Pollutant</th> <th>Units of measure</th> <th>Frequency</th> <th>Sampling Method</th> </tr> </thead> <tbody> <tr> <td>PM10</td> <td>micrograms per cubic metre</td> <td>Every 6 days</td> <td>AM-18</td> </tr> </tbody> </table>	POINT 3,5,6				Pollutant	Units of measure	Frequency	Sampling Method	Particulates - Deposited Matter	grams per square metre per month	Monthly	AM-19	POINT 8				Pollutant	Units of measure	Frequency	Sampling Method	PM10	micrograms per cubic metre	Every 6 days	AM-18	Non-compliant	Annual Review 2022, 2023	Self nominated non-compliances in the Annual Review. See IMP REC 08 around potential to remove DG1 as the gauge is regularly tampered with and does not provide much compliance assistance. <u>Non-compliance - 2022</u> Non-compliant for lost Depositional Dust Sample on 5 September 2022 from DG1 as described in EPL366 and PA10_0080. The glass container for the dust gauge was found broken in situ at the time of recovery. The root cause of the damage is unknown. No adverse effect or impacts due to the incident. Review of dust gauges was completed onsite. Reported in the Monthly website report (October), the 2022 Annual Return (February 2023) reported to the DPHI via letter (September 2022). <u>Non-compliance - 2023</u> Lost Depositional Dust Sample on 27 September 2023 at DG1 as described in EPL366 and PA10_0080. The glass container for the dust gauge was found broken in situ at the time of recovery. The root cause of the damage is unknown. The depositional dust gauge sample at DG1 for the period 4 September 2023 to 4 October 2023 was unable to be analysed as the glass container for the dust gauge was found on the ground. Fence lines are routinely inspected with ongoing repairs required due to public intervention. Reported in the monthly website report (November 2023), The Annual Return (February 2024) and notified to DPHI via letter (5 October 2023). <u>Non-Compliance - 2024</u> On the 1st of November 2024 the depositional dust gauge DG1 for the monitoring period 2 October 2024 to 1 November 2024 was unable to be analysed as the glass container for the dust gauge was unable to be located. The investigation into the displacement of the dust gauge, is inconclusive. The most probably reason the container for the dust gauge was missing, is due to public interference. Replaced dust gauge, and investigated the cause of the displacement (inconclusive). Reviewed air quality data for previous 12 months - no non-compliances for past 12-month period. Ongoing inspections and repairs of property boundary fence completed Incident Notification and Incident Report submitted to DPHI on 4 November 2024.	IMP REC 08: Centennial to review whether DG 1 is required for ongoing compliance monitoring due to site having good history of compliance against criteria. This would require liaison with EPA and if agreed by EPA, this would require an update to the AQHGMP and EPL.																
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M2.3	Water and/ or Land Monitoring Requirements <table border="1"> <thead> <tr> <th colspan="4">POINT 9</th> </tr> <tr> <th>Pollutant</th> <th>Units of measure</th> <th>Frequency</th> <th>Sampling Method</th> </tr> </thead> <tbody> <tr> <td>Oil and Grease</td> <td>milligrams per litre</td> <td>Monthly during discharge</td> <td>Grab sample</td> </tr> <tr> <td>pH</td> <td>pH</td> <td>Monthly during discharge</td> <td>Grab sample</td> </tr> <tr> <td>Total suspended solids</td> <td>milligrams per litre</td> <td>Monthly during discharge</td> <td>Grab sample</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="4">POINT 10</th> </tr> <tr> <th>Pollutant</th> <th>Units of measure</th> <th>Frequency</th> <th>Sampling Method</th> </tr> </thead> <tbody> <tr> <td>Oil and Grease</td> <td>milligrams per litre</td> <td>Daily during any discharge</td> <td>Grab sample</td> </tr> <tr> <td>pH</td> <td>pH</td> <td>Daily during any discharge</td> <td>Grab sample</td> </tr> <tr> <td>Total suspended solids</td> <td>milligrams per litre</td> <td>Daily during any discharge</td> <td>Grab sample</td> </tr> </tbody> </table>	POINT 9				Pollutant	Units of measure	Frequency	Sampling Method	Oil and Grease	milligrams per litre	Monthly during discharge	Grab sample	pH	pH	Monthly during discharge	Grab sample	Total suspended solids	milligrams per litre	Monthly during discharge	Grab sample	POINT 10				Pollutant	Units of measure	Frequency	Sampling Method	Oil and Grease	milligrams per litre	Daily during any discharge	Grab sample	pH	pH	Daily during any discharge	Grab sample	Total suspended solids	milligrams per litre	Daily during any discharge	Grab sample	Non-compliant	Annual Review 2022	There was a missed water sample on 6 Sep 2022 at LDP 9. Note: at the time, this EPL required daily monitoring during discharge. This was a minor issue and no recommendation with the change to frequency.	
POINT 9																																													
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M3	Testing methods - concentration limits																																												
M3.1	Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with: a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or b) if no such requirement is imposed by or under the Act, any methodology which a condition of this licence requires to be used for that testing; or c) if no such requirement is imposed by or under the Act or by a condition of this licence, any methodology approved in writing by the EPA for the purposes of that testing prior to the testing taking place. Note: The <i>Protection of the Environment Operations (Clean Air) Regulation 2022</i> requires testing for certain purposes to be conducted in accordance with test methods contained in the publication "Approved Methods for the Sampling and Analysis of Air Pollutants in NSW".	Compliant		The Monthly Environmental Monitoring Reports prepared by Carbon Based state that: The depositional dust gauges are operated in accordance with Australian Standard AS3580.10.1 "Methods for Sampling and Analysis of Ambient Air Method 10.1 Determination of Particulates—Deposited Matter—Gravimetric Method" (equivalent to EPA AM-19). Sampling occurs every 30 +/- 2 days and each gauge is analysed for insoluble solids and ash residue. The High Volume Air Samplers are operated (including maintenance and calibrations) in accordance with Australian Standards AS2724.3 "Ambient Air—Particulate matter, Part 3: Determination of Total suspended particulates (TSP)—High Volume sampler Gravimetric method" (equivalent to EPA AM-15) and AS3580.9.6 "Methods for Sampling and Analysis of Ambient Air. Determination of Suspended Particulates—PM10 High Volume Air sampler with size selective inlet - Gravimetric method" (equivalent to EPA AM-18). Sampling is scheduled for 24 hours every 6 days in accordance with DECCW (EPA) protocol.																																									

EPL 366 - Centennial Myuna

Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)



Condition Number	Condition	2025 Compliance Status	2025 Evidence Provided	2025 Finding	2025 Recommended Action																																			
M3.2	Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted.	Compliant		Centennial Myuna reported that no other methods approved by EPA for the monitoring of pollutant concentrations discharged to waters apply to the site. In response to a non-compliance in the previous IEA where glass container containing an oil and grease sample was broken during transit to the laboratory, Myuna developed and implemented a new sampling procedure whereby two daily samples are taken in glass and transported to the laboratory in separate foam line eskys. The duplicate sample is retained by the sampling contractor until confirmation is received that the primary sample has been analysed by the laboratory.																																				
M4	Environmental monitoring - Requirement to monitor noise																																							
M4.1	To determine compliance with condition L5.1, attended noise monitoring must be undertaken in accordance with conditions L5.5 and L5.6, and (a) at each one of the locations listed in condition L5.1; (b) occur quarterly within the reporting period of the Environment Protection Licence; and (c) occur during each night period as defined in the NSW Industrial Noise Policy (EPA2000) for a minimum of 15 minutes.	Compliant		As per previous conditions and noise reporting.																																				
M5	Weather monitoring																																							
M5.1	For each monitoring point specified in the table below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1. The licensee must use the sampling method, units of measure, averaging period and sample at the frequency, specified opposite in the other columns. Point W1 <table border="1"> <thead> <tr> <th>Parameter</th> <th>Units of Measure</th> <th>Frequency</th> <th>Averaging Period</th> <th>Sampling Method</th> </tr> </thead> <tbody> <tr> <td>Rainfall</td> <td>mm</td> <td>Continuous</td> <td>24 hour</td> <td>AM-4</td> </tr> <tr> <td>Wind direction</td> <td>degrees</td> <td>Continuous</td> <td>1 hour</td> <td>AM-2 and AM-4</td> </tr> <tr> <td>Wind speed</td> <td>metres per second</td> <td>Continuous</td> <td>1 hour</td> <td>AM-2 and AM-4</td> </tr> <tr> <td>Air temperature</td> <td>degrees celcius</td> <td>Continuous</td> <td>1 hour</td> <td>AM-4</td> </tr> <tr> <td>Sigma-theta</td> <td>degrees</td> <td>Continuous</td> <td>15 minute</td> <td>AM-2 and AM-4</td> </tr> <tr> <td>Relative humidity</td> <td>percentage</td> <td>Continuous</td> <td>1 hour</td> <td>AM-4</td> </tr> </tbody> </table>	Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method	Rainfall	mm	Continuous	24 hour	AM-4	Wind direction	degrees	Continuous	1 hour	AM-2 and AM-4	Wind speed	metres per second	Continuous	1 hour	AM-2 and AM-4	Air temperature	degrees celcius	Continuous	1 hour	AM-4	Sigma-theta	degrees	Continuous	15 minute	AM-2 and AM-4	Relative humidity	percentage	Continuous	1 hour	AM-4	Compliant	Vista Data Vision example shown	High standard of data collection. One small outage 22 May 2024 (4hr).	
Parameter	Units of Measure	Frequency	Averaging Period	Sampling Method																																				
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M5.2	For the purpose of condition M5.1, Point W1 refers to a meteorological station established on the premises.	Compliant		Noted																																				
M6	Recording of pollution complaints																																							
M6.1	The licensee must keep a legible record of all complaints made to the licensee or any employee or agent of the licensee in relation to pollution arising from any activity to which this licence applies.	Compliant																																						
M6.2	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.	Compliant	Odour Complaint (16/11/2022)	No official complaints in the audit period. The site does however have a template for complaints to be submitted. There was 1 enquiry relating to odour, however it was more of an enquiry. See Schedule 3, Condition 15 for further detail. Upon review, it was treated as an enquiry rather than a complaint.																																				
M6.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	Compliant																																						
M6.4	The record must be produced to any authorised officer of the EPA who asks to see them.	Compliant																																						
M7	Telephone complaints line																																							
M7.1	The licensee must operate during its operating hours a telephone complaints line for the purpose of receiving any complaints from members of the public in relation to activities conducted at the premises or by the vehicle or mobile plant, unless otherwise specified in the licence.	Compliant	Site discussion																																					
M7.2	The licensee must notify the public of the complaints line telephone number and the fact that it is a complaints line so that the impacted community knows how to make a complaint.	Compliant	Website	Website displays complaints hotline.																																				
M7.3	The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.	Compliant																																						
M8	Requirement to monitor volume or mass																																							
M8.1	For each discharge point or utilisation area specified below, the licensee must monitor: a) the volume of liquids discharged to water or applied to the area; b) the mass of solids applied to the area; c) the mass of pollutants emitted to the air; at the frequency and using the method and units of measure, specified below. POINT 9 <table border="1"> <thead> <tr> <th>Frequency</th> <th>Unit of Measure</th> <th>Sampling Method</th> </tr> </thead> <tbody> <tr> <td>Daily during any discharge</td> <td>kilolitres per day</td> <td>Continuously</td> </tr> </tbody> </table>	Frequency	Unit of Measure	Sampling Method	Daily during any discharge	kilolitres per day	Continuously	Non-compliant	Annual Review 2023	Self reported in the Annual Review. <u>Non-compliance - 2023</u> Failure to monitor volume of discharge at LDP 9 on 26 – 28th January 2023. The flow monitoring controller card of the Mace real-time monitoring system failed. The flow monitoring controller card was replaced on Monday the 28th of January 2023. Instrument downtime due to temporary breakdowns is expected as per the EPA Guidelines for Publishing Monitoring Data. The monitoring equipment is cleaned, maintained, and calibrated routinely. Reported in the Website Report (January 2023) and the Annual Return (February 2024).																														
Frequency	Unit of Measure	Sampling Method																																						
Daily during any discharge	kilolitres per day	Continuously																																						
6	Reporting Conditions																																							
R1	Annual return documents																																							
R1.1	The licensee must complete and supply to the EPA an Annual Return in the approved form comprising: 1. a Statement of Compliance, 2. a Monitoring and Complaints Summary, 3. a Statement of Compliance - Licence Conditions, 4. a Statement of Compliance - Load based Fee, 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan, 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and 7. a Statement of Compliance - Environmental Management Systems and Practices. At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.	Compliant	Annual Return (2022, 2023, 2024)	Annual Returns completed with required data.																																				

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Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)



Condition Number	Condition	2025 Compliance Status	2025 Evidence Provided	2025 Finding	2025 Recommended Action
R1.2	An Annual Return must be prepared in respect of each reporting period, except as provided below. Note: The term "reporting period" is defined in the dictionary at the end of this licence. Do not complete the Annual Return until after the end of the reporting period.	Compliant	Annual Return (2022, 2023, 2024)	Annual Returns completed for each reporting period during the audit period.	
R1.3	Where this licence is transferred from the licensee to a new licensee: a) the transferring licensee must prepare an Annual Return for the period commencing on the first day of the reporting period and ending on the date the application for the transfer of the licence to the new licensee is granted; and b) the new licensee must prepare an Annual Return for the period commencing on the date the application for the transfer of the licence is granted and ending on the last day of the reporting period. Note: An application to transfer a licence must be made in the approved form for this purpose.	Not triggered		There was no transfer of licence during the audit period.	
R1.4	Where this licence is surrendered by the licensee or revoked by the EPA or Minister, the licensee must prepare an Annual Return in respect of the period commencing on the first day of the reporting period and ending on: a) in relation to the surrender of a licence - the date when notice in writing of approval of the surrender is given; or b) in relation to the revocation of the licence - the date from which notice revoking the licence operates.	Not triggered		The licence is still in effect and has not been revoked or surrendered during the audit period.	
R1.5	The Annual Return for the reporting period must be supplied to the EPA via eConnect EPA or by registered post not later than 60 days after the end of each reporting period or in the case of a transferring licence not later than 60 days after the date the transfer was granted (the 'due date').	Compliant	EPA website	The EPA Public Register states that the Annual Returns were submitted on the following dates which are all within 60 days of the end of the reporting period (31 December) - 2022 Annual Return - received by EPA on 27 February 2023 - 2023 Annual Return - received by EPA on 29 February 2024 - 2024 Annual Return - received by EPA on 24 February 2025.	
R1.6	The licensee must retain a copy of the Annual Return supplied to the EPA for a period of at least 4 years after the Annual Return was due to be supplied to the EPA.	Compliant	Annual Return (2021, 2022, 2023, 2024)	Annual Returns from more than 4 years ago were available on request during the audit.	
R1.7	Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: a) the licence holder; or b) by a person approved in writing by the EPA to sign on behalf of the licence holder.	Compliant	Annual Return (2022, 2023, 2024)	The Annual Returns submitted during the audit period were signed by the Company Director and Company Secretary.	
R2	Notification of environmental harm				
R2.1	Notifications must be made by telephoning the Environment Line service on 131 555.	Not triggered			
R2.2	The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred. Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.	Not triggered		No potential or environmental harm noted during the audit period.	
R3	Written report				
R3.1	Where an authorised officer of the EPA suspects on reasonable grounds that: a) where this licence applies to premises, an event has occurred at the premises; or b) where this licence applies to vehicles or mobile plant, an event has occurred in connection with the carrying out of the activities authorised by this licence, and the event has caused, is causing or is likely to cause material harm to the environment (whether the harm occurs on or off premises to which the licence applies), the authorised officer may request a written report of the event.	Not triggered			
R3.2	The licensee must make all reasonable inquiries in relation to the event and supply the report to the EPA within such time as may be specified in the request.	Not triggered			
R3.3	The request may require a report which includes any or all of the following information: a) the cause, time and duration of the event; b) the type, volume and concentration of every pollutant discharged as a result of the event; c) the name, address and business hours telephone number of employees or agents of the licensee, or a specified class of them, who witnessed the event; d) the name, address and business hours telephone number of every other person (of whom the licensee is aware) who witnessed the event, unless the licensee has been unable to obtain that information after making reasonable effort; e) action taken by the licensee in relation to the event, including any follow-up contact with any complainants; f) details of any measure taken or proposed to be taken to prevent or mitigate against a recurrence of such an event; and g) any other relevant matters.	Not triggered	Site discussion	Centennial Myuna stated that a written report has not be requested during the audit period.	
R3.4	The EPA may make a written request for further details in relation to any of the above matters if it is not satisfied with the report provided by the licensee. The licensee must provide such further details to the EPA within the time specified in the request.	Not triggered			
R4	Other reporting conditions - Noise monitoring report				

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Audit Period: 21 June 2022 - 04 June 2025 (Last day of site visit)



Condition Number	Condition	2025 Compliance Status	2025 Evidence Provided	2025 Finding	2025 Recommended Action														
R4.1	The licensee must submit to the EPA a noise compliance assessment report at the end of each reporting period. The report must be submitted with the Environment Protection Licence Annual Return. The report must be prepared by a suitably qualified and experienced acoustical consultant which: (a) details the noise monitoring undertaken in accordance with condition M4; (b) assess compliance with noise limits presented in condition L5.1, and (c) outlines any management actions taken within the monitoring period to address any exceedances of limits contained in condition L5.1.	Compliant	Evidence in the E connect Portal	See E connect portal for uploads.															
7	General Conditions																		
G1	Copy of licence kept at the premises or plant																		
G1.1	A copy of this licence must be kept at the premises to which the licence applies.	Compliant		A copy of EPL 366 was available on site during the audit inspection.															
G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.	Not triggered		Centennial Myuna stated that an authorised officer of the EPA has not requested a copy of EPL 366 during the audit period. A copy of EPL 366 is available on site if needed.															
G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.	Compliant		A copy of EPL 366 is available to any employee on the Centennial server, along with the Centennial website.															
G2	Other general conditions																		
G2.1	Completed Programs	Not triggered		These programs are complete and not included in this audit scope.															
	<table border="1"> <thead> <tr> <th>Program</th> <th>Description</th> <th>Completed Date</th> </tr> </thead> <tbody> <tr> <td>Assess the impacts of discharges of saline water</td> <td>Assess the impacts of discharges of saline water and manganese on receiving waters. Investigate, with the view of controlling any possible environmental impacts, the effect of discharging saline water and manganese to the receiving waters.</td> <td>29-November-2002</td> </tr> <tr> <td>PRP 2 - Investigate Further the Impacts of Discharge</td> <td>Investigate further, the impacts of discharges of manganese on receiving waters of Lake Macquarie. (extension of PRP 1, focussing on manganese). Investigate, with the view of controlling any possible environmental impacts, the effect of discharging manganese to the receiving waters of Lake Macquarie. Improve water quality in Lake Macquarie.</td> <td>19-June-2004</td> </tr> <tr> <td>PRP 1 - Assessment of Potential Impacts of Metals</td> <td>The licensee must conduct an assessment of metals detected in wastewater discharges from the mine in accordance with ANZECC water quality guidelines. To obtain a greater understanding of the type and concentration of metals discharged in mine water and entering the receiving waters. To limit the concentration of metals discharged in mine water within ANZECC guidelines (B).</td> <td>04-August-2015</td> </tr> <tr> <td>Coal Mine Particulate Matter Control Best Practice</td> <td>Requires licensee to conduct a site specific Best management Practice (BMP) determination to identify ways to reduce particle emissions</td> <td>28-September-2012</td> </tr> </tbody> </table>	Program	Description	Completed Date	Assess the impacts of discharges of saline water	Assess the impacts of discharges of saline water and manganese on receiving waters. Investigate, with the view of controlling any possible environmental impacts, the effect of discharging saline water and manganese to the receiving waters.	29-November-2002	PRP 2 - Investigate Further the Impacts of Discharge	Investigate further, the impacts of discharges of manganese on receiving waters of Lake Macquarie. (extension of PRP 1, focussing on manganese). Investigate, with the view of controlling any possible environmental impacts, the effect of discharging manganese to the receiving waters of Lake Macquarie. Improve water quality in Lake Macquarie.	19-June-2004	PRP 1 - Assessment of Potential Impacts of Metals	The licensee must conduct an assessment of metals detected in wastewater discharges from the mine in accordance with ANZECC water quality guidelines. To obtain a greater understanding of the type and concentration of metals discharged in mine water and entering the receiving waters. To limit the concentration of metals discharged in mine water within ANZECC guidelines (B).	04-August-2015	Coal Mine Particulate Matter Control Best Practice	Requires licensee to conduct a site specific Best management Practice (BMP) determination to identify ways to reduce particle emissions	28-September-2012			
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Coal Mine Particulate Matter Control Best Practice	Requires licensee to conduct a site specific Best management Practice (BMP) determination to identify ways to reduce particle emissions	28-September-2012																	
8	Special Conditions																		
E1	Additional Monitoring																		
E1.1	The licensee must undertake a surface -water monitoring program in Wangi Bay as detailed in Table A.	Compliant		Results of manganese monitoring in Wangi Bay are included in Section 7.4 of the Annual Review and quarterly reports provided to the EPA as per Condition E1.2 below. Monitoring has been undertaken since 2011 and trends are shown in the Annual Review.															
	<table border="1"> <thead> <tr> <th>Pollutant/unit of measure</th> <th>Filtration</th> <th>Sample location</th> <th>No. of samples</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>Manganese (filterable)/mg/L</td> <td>0.45um</td> <td>At T2-5m and T2-10m as defined in Hydrobiology Pty Ltd, 2004*</td> <td>Two (2) samples collected each at T2-5m and at T2-10m</td> <td>Quarterly</td> </tr> </tbody> </table> <p>Note: *as described in Appendix E of the report titled 'Manganese Discharge from the Myuna Colliery ANZECC/ARMCANZ Study' prepared by Hydrobiology Pty Ltd, dated March 2004.</p>	Pollutant/unit of measure	Filtration	Sample location	No. of samples	Frequency	Manganese (filterable)/mg/L	0.45um	At T2-5m and T2-10m as defined in Hydrobiology Pty Ltd, 2004*	Two (2) samples collected each at T2-5m and at T2-10m	Quarterly								
Pollutant/unit of measure	Filtration	Sample location	No. of samples	Frequency															
Manganese (filterable)/mg/L	0.45um	At T2-5m and T2-10m as defined in Hydrobiology Pty Ltd, 2004*	Two (2) samples collected each at T2-5m and at T2-10m	Quarterly															
E1.2	The licensee must submit a quarterly report to the EPA, including: a) results collected during the surface-water monitoring program detailed in condition E1.1; and b) monitoring result trend analysis via a graph presenting manganese monitoring results reported in accordance with condition E1 over a rolling 10 year period. The graph must also include relevant water quality guideline(s) for manganese.	Compliant	Letters to EPA (Quarterly Report for Additional Monitoring as per Condition E1 of EPL 366) - various dates	Letters sent quarterly to the EPA during the audit period with manganese monitoring data, trend graphs and a certificate of laboratory analysis attached were provided by Centennial Myuna during the audit.															

Audit Period:

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

Summaries

60	Compliant
11	Not triggered
4	Non-compliant
75	Total

Mining Amendment (Standard Conditions of Mining Leases—Rehabilitation) Regulation 2021



The Regulation commenced on 2 July 2021. The new standard rehabilitation conditions will apply to all new mining leases issued from this date. For mining leases that were in force before this date, the conditions apply for large mines as of 2 July 2022.

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
Part 2 Standard conditions					
	<p>The Applicant must carry out the project generally in accordance with the:</p> <p>(a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval.</p> <p>Notes:</p> <ul style="list-style-type: none"> The general layout of the project is shown in Appendix 3; and The statement of commitments is reproduced in Appendix 5. 	Compliant		Noted.	
Division 1 Protection of the environment and rehabilitation					
4. Must prevent or minimise harm to environment					
1	The holder of a mining lease must take all reasonable measures to prevent, or if that is not reasonably practicable, to minimise, harm to the environment caused by activities under the mining lease.	Compliant	Site inspection RMP ARRFP	The non-compliances identified are not considered by site to have triggered this condition. Myuna is considered to have taken all reasonable measures to prevent/minimise, harm to the environment.	
2	In this clause— harm to the environment has the same meaning as in the Protection of the Environment Operations Act 1997.	Compliant		Noted	
5. Rehabilitation to occur as soon as reasonably practicable after disturbance					
	The holder of a mining lease must rehabilitate land and water in the mining area that is disturbed by activities under the mining lease as soon as reasonably practicable after the disturbance occurs.	Compliant	Site inspection RMP ARRFP	There has been no opportunity for progressive rehabilitation. Compliant so far.	
6. Rehabilitation must achieve final land use					
1	The holder of a mining lease must ensure that rehabilitation of the mining area achieves the final land use for the mining area.	Not Triggered	Site inspection RMP ARRFP	Not triggered. No final rehabilitation during IEA period. This is a future aspect at closure.	
2	The holder of the mining lease must ensure any planning approval has been obtained that is necessary to enable the holder to comply with subclause (1).	Compliant	Site inspection RMP ARRFP	The Rehabilitation Management Plan and this is in place. The Final Landform and Rehabilitation Plan and rehabilitation objectives were approved by the Resources Regulator on 27 November 2023.	
3	The holder of the mining lease must identify and record any reasonably foreseeable hazard that presents a risk to the holder's ability to comply with subclause (1). Note— Clause 7 requires a rehabilitation risk assessment to be conducted whenever a hazard is identified under this subclause.	Compliant	RMP	Part 3 of the RMP discusses the rehabilitation risk assessment.	
4	In this clause— final land use for the mining area means the final landform and land uses to be achieved for the mining area— (a) as set out in the rehabilitation objectives statement and rehabilitation completion criteria statement, and (b) for a large mine—as spatially depicted in the final landform and rehabilitation plan, and (c) if the final land use for the mining area is required by a condition of development consent for activities under the mining lease—as stated in the condition. planning approval means— (a) a development consent within the meaning of the Environmental Planning and Assessment Act 1979, or (b) an approval under that Act, Division 5.1.	Compliant	RMP	Noted. See RMP for details.	
Division 2 Risk assessment					
7. Rehabilitation risk assessment					
1	The holder of a mining lease must conduct a risk assessment (a rehabilitation risk assessment) that— (a) identifies, assesses and evaluates the risks that need to be addressed to achieve the following in relation to the mining lease— (i) the rehabilitation objectives, (ii) the rehabilitation completion criteria, (iii) for large mines—the final land use as spatially depicted in the final landform and rehabilitation plan, and (b) identifies the measures that need to be implemented to eliminate, minimise or mitigate the risks.	Compliant	RMP	Part 3 of the RMP discusses the rehabilitation risk assessment.	
2	The holder of the mining lease must implement the measures identified.	Compliant	RMP	RMP outlines proposed steps for rehabilitation implementation. Not an issue yet.	
3	The holder of a mining lease must conduct a rehabilitation risk assessment— (a) for a large mine—before preparing a rehabilitation management plan, and (b) for a small mine—before preparing the rehabilitation outcome documents for the mine, and (c) whenever a hazard is identified under clause 6(3)—as soon as reasonably practicable after it is identified, and (d) whenever given a written direction to do so by the Secretary.	Compliant	RMP	Part 3 of the RMP discusses the rehabilitation risk assessment.	
Division 3 Rehabilitation documents					
8. Application of Division					

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
	This Division does not apply to a mining lease unless— (a) the security deposit required under the mining lease is greater than the minimum deposit prescribed under the Act, section 261BF in relation to that type of mining lease, or (b) the Secretary gives a written direction to the holder of the mining lease that this Division, or a provision of this Division, applies to the mining lease	Compliant	Security deposit	Noted. Also security deposit provided.	
9. General requirements for documents					
	A document required to be prepared under this Division must— (a) be in a form approved by the Secretary, and Note— The approved forms are available on the Department's website. (b) include any matter required to be included by the form, and (c) if required to be given to the Secretary—be given in a way approved by the Secretary.	Compliant		The RMP meets this requirement. Annual Rehabilitation Report and Forward Programs were on the website at the time of the site inspection.	
10. Rehabilitation management plans for large mines					
1	The holder of a mining lease relating to a large mine must prepare a plan (a rehabilitation management plan) for the mining lease that includes the following— (a) a description of how the holder proposes to manage all aspects of the rehabilitation of the mining area, (b) a description of the steps and actions the holder proposes to take to comply with the conditions of the mining lease that relate to rehabilitation, (c) a summary of rehabilitation risk assessments conducted by the holder, (d) the risk control measures identified in the rehabilitation risk assessments, (e) the rehabilitation outcome documents for the mining lease, (f) a statement of the performance outcomes for the matters addressed by the rehabilitation outcome documents and the ways in which those outcomes are to be measured and monitored.	Compliant	RMP	The RMP meets this requirement. Covers a-f.	
2	If a rehabilitation outcome document has not been approved by the Secretary, the holder of the mining lease must include a proposed version of the document.	Compliant	RMP	ROBJ and FLRP have been approved and are included in the RMP.	
3	A rehabilitation management plan is not required to be given to the Secretary for approval.	Compliant	RMP	Noted.	
4	The holder of the mining lease— (a) must implement the matters set out in the rehabilitation management plan, and (b) if the forward program specifies timeframes for the implementation of the matters—must implement the matters within those timeframes.	Compliant	ARRFP	ARRFPs report implementation in accordance with commitments in RMP.	
11. Amendment of rehabilitation management plans					
	The holder of a mining lease must amend the rehabilitation management plan for the mining lease as follows— (a) to substitute the proposed version of a rehabilitation outcome document with the version approved by the Secretary—within 30 days after the document is approved, (b) as a consequence of an amendment made under clause 14 to a rehabilitation outcome document—within 30 days after the amendment is made, (c) to reflect any changes to the risk control measures in the prepared plan that are identified in a rehabilitation risk assessment—as soon as practicable after the rehabilitation risk assessment is conducted, (d) whenever given a written direction to do so by the Secretary—in accordance with the direction.	Compliant	RMP	FLRP and ROBJ approval date 27 November 2023. Evidence of 19 Dec 2023 RMP Update. Therefore, compliant with the 30 day timing requirement.	
12. Rehabilitation outcome documents					
1	The holder of a mining lease must prepare the following documents (the rehabilitation outcome documents) for the mining lease and give them to the Secretary for approval— (a) the rehabilitation objectives statement, which sets out the rehabilitation objectives required to achieve the final land use for the mining area, (b) the rehabilitation completion criteria statement, which sets out criteria, the completion of which will demonstrate the achievement of the rehabilitation objectives, (c) for a large mine, the final landform and rehabilitation plan, showing a spatial depiction of the final land use.	Compliant	RMP and ROBJ's	Evidence of original RMP and FLRP preparation. Then evidence of more recent updates. FLRP and ROBJ approval date 27 November 2023. The site has not yet triggered the requirement for the completion criteria statement.	
2	If the final land use for the mining area is required by a condition of development consent for activities under the mining lease, the holder of the mining lease must ensure the rehabilitation outcome documents are consistent with that condition.	Compliant		Final landuse in approved FLRP is generally consistent with the Development Consent requirements.	
13. Forward program and annual rehabilitation report					
1	The holder of a mining lease must prepare a program (a forward program) for the mining lease that includes the following— (a) a schedule of mining activities for the mining area for the next 3 years, (b) a summary of the spatial progression of rehabilitation through its various phases for the next 3 years, (c) a requirement that the rehabilitation of land and water disturbed by mining activities under the mining lease must occur as soon as reasonably practicable after the disturbance occurs.	Non-compliant	ARRFPs Annual Reviews NSW Resources Regulator Official Caution letter (LETT0008839) dated 22 Dec 2023 Commencement of Investigation Notice LETT0008657	<u>Context to Non - Compliance:</u> As of 2 July 2022, Schedule 8A of the Mining Regulation 2016 (Regulation) introduced standard conditions across mining leases in NSW. Schedule 8A requires large mines to prepare and submit a Forward Program (FWP), Annual Rehabilitation Report (ARR), Final Landform Rehabilitation Plan (FLRP), Rehabilitation Objectives Statement (ROBJ), Nominated Contact Person (NCP), and make their Rehabilitation Management Plan, Forward Program and Annual Rehabilitation Report publicly available. A Rehabilitation Cost Estimate (RCE) is required as part of the Forward Program. The first published Myuna Forward Program covers the period 2023-2025. Clause 13(1) of Schedule 8A of the Mining Regulation requires preparation of a forward program. Clause 15(2) requires that the forward program is given to the Secretary before 60 days after the last day of each annual reporting period (or a later date as approved by the Secretary). Note, proponents can request greater than the 60 days for submission via the Resources Regulator portal, however no evidence was provided. <u>Actual Non-Compliance</u> The Myuna 2022 Forward Program was due on 1 August 2022. Centennial failed to submit the 2022 forward program to the Regulator as required. Based on site discussions there was no Forward Program developed for the period 2 July-31 December 2022 due to the confusion over the rehabilitation reforms. The first Forward Program completed by Myuna covered the 2023 - 2025 calendar years. This is considered to be a non compliance due to the Forward Program gap of 2 July-31 December 2022. The RR sent a Commencement of Investigation Notice LETT0008657. IEMA were then provided a response to that letter from Centennial dated 7 November 2023 outlining reasons for the late submission. Myuna received an official caution from the RR dated 22 December 2023. This related to the failure to submit the 2022 Forward Program and Rehabilitation Cost Estimate by 1 August 2022. The same letter also noted a failure to submit the 2023 Forward Program & Rehabilitation Cost Estimate in the desired timeframe. The RR stated that 'According to our records, the Myuna Colliery Complex 2023 forward program was due 31 March 2023. Myuna Colliery Complex submitted the 2023 forward program on 3 May 2023.'	

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
2	The holder of a mining lease must prepare a report (an annual rehabilitation report) for the mining lease that includes— (a) a description of the rehabilitation undertaken over the annual reporting period, (b) a report demonstrating the progress made through the phases of rehabilitation provided for in the forward program applying to the reporting period, (c) a report demonstrating progress made towards the achievement of the following— (i) the objectives set out in the rehabilitation objectives statement, (ii) the criteria set out in the rehabilitation completion criteria statement, (iii) for large mines—the final land use as spatially depicted in the final landform and rehabilitation plan.	Non-compliant	ARRFPs	See comment above regarding Forward Program dates. In summary the first combined Annual Rehabilitation Report and Forward Program would be a year after the initial Forward Program. The Annual Rehabilitation Report part would then cover that year in review. Centennial provided a copy of 2022 Annual Rehabilitation Report (covering the calendar year Jan-Dec 2022). This is not comparing to the previous Forward Program, as the first Forward Program covered 2023 - 2025 calendar years. This is considered <u>non-compliant</u> with part b) due to the incorrect date of the Annual Rehabilitation Report. The actual period (i.e. the Forward Program period) the site is comparing to did not exist in Centennial documentation.	
3	If a rehabilitation outcome document has not been approved by the Secretary, the holder of the mining lease must rely on a proposed version of the document.	Compliant		Noted.	
4	The holder of the mining lease must give the forward program and annual rehabilitation report to the Secretary	Compliant		Uploaded to the Portal. Note this doesn't state timing.	
5	In this clause— annual reporting period means each period of 12 months commencing on— (a) the date on which the mining lease is granted, or (b) if the Secretary approves another date in relation to the mining lease—the other date.	Compliant		Noted.	
14. Amendment of rehabilitation outcome documents and forward program					
1	This clause applies to— (a) a rehabilitation outcome document if it has been approved by the Secretary, and (b) a forward program if it has been given to the Secretary.	Compliant		Noted.	
2	The holder of a mining lease must not amend a document to which this clause applies that relates to the mining lease unless— (a) the Secretary gives the holder a written direction to do so, or (b) the Secretary, on written application by the holder, gives a written approval of the amendment.	Not Triggered		Noted. Updates were made not relating to this clause	
3	The holder of the mining lease must amend the document in accordance with the Secretary's direction or approval.	Not Triggered		No directions received.	
4	Nothing in this clause prevents the holder of a mining lease preparing a draft amendment for submission to the Secretary for approval.	Compliant		Noted.	
15. Times at which documents must be prepared and given					
1	The holder of a mining lease must do the following before the end of the initial period— (a) prepare a rehabilitation management plan, and (b) prepare rehabilitation outcome documents and give them, other than the rehabilitation completion criteria statement, to the Secretary for approval, and (c) prepare a forward program and give it to the Secretary.	Non-compliant	Annual Review Resources Regulator letter	The NSW Resources Regulator New Standard Rehabilitation Conditions on Mining Leases, Frequently Asked Questions on implementation for Large Mines states: All submissions via the above on-line forms, with the exception of the Annual Rehabilitation Report and Rehabilitation Completion Criteria (Mining), must be completed by the titleholder by the end of the initial period as specified by clause 15 of Schedule 8A of the Mining Amendment (Standard Conditions of Mining Leases-Rehabilitation) Regulation 2021 being the 1 August 2022. (a) RMP prepared and dated 29 July 2022. (b) ROBJ, completion criteria and FLRP are part of the RMP. (c) Forward program wasn't developed for the period 2 July-31 Dec 2022. See earlier conditions regarding timings and details. First Forward Program is dated 31 March 2023 and covers 2023-2025 calendar year. See Condition 13-1 for more details.	
2	The holder of the mining lease must prepare a forward program and annual rehabilitation report and give them to the Secretary before— (a) 60 days after the last day of each annual reporting period, commencing with the annual reporting period in which the forward program was given to Secretary under subclause (1)(c), or (b) a later date approved by the Secretary.	Non-compliant	Annual Review Resources Regulator letter	The Myuna 2022 Forward Program was due on 1 August 2022. Centennial failed to submit the 2022 forward program to the Regulator as required. Based on site discussions there was no Forward Program developed for the period 2 July-31 December 2022 due to the confusion over the rehabilitation reforms. The first Forward Program completed by Myuna covered the 2023 - 2025 calendar years. This is considered to be a <u>non-compliance</u> due to the Forward Program gap of 2 July-31 December 2022. The RR sent a Commencement of Investigation Notice LETT0008657. IEMA were then provided a response to that letter from Centennial dated 7 November 2023 outlining reasons for the late submission. Myuna received an official caution from the RR dated 22 December 2023. This related to the failure to submit the 2022 Forward Program and Rehabilitation Cost Estimate by 1 August 2022. The same letter also noted a failure to submit the 2023 Forward Program & Rehabilitation Cost Estimate in the desired timeframe. The RR stated that 'According to our records, the Myuna Colliery Complex 2023 forward program was due 31 March 2023. Myuna Colliery Complex submitted the 2023 forward program on 3 May 2023.' Regulator Portal issues are acknowledged by the NSW Resources Regulator as a contributing factor to the late submission. <u>Non-compliance</u> with sub condition (a).	
3	A rehabilitation completion criteria statement relating to completion of rehabilitation during a period covered by a forward program must be given to the Secretary for approval when the forward program is required to be given to the Secretary	Not Triggered	RMP	Draft completion criteria are included in the RMP. The requirement for the completion criteria statement has not been triggered (within 3 years of nominated 'rehabilitation completion' in the Forward Program).	
4	The holder of the mining lease must prepare updated rehabilitation outcome documents for the mining lease and give them to the Secretary for approval before— (a) 60 days after a development consent is modified following an application referred to in clause 20(1)(b), or (b) a later date approved by the Secretary.	Compliant	RMP	MOD 3 was approved on 25 November 2023. This changed related to rehabilitation reforms wording and did not affect the consent area or final landform. Therefore we do not see a requirement to update the outcome documents. There were some evidence of FLRP and ROBJ updates. FLRP and ROBJ approval date 27 November 2023. Evidence of 19 Dec 2023 RMP Update. However, these updates were not due to a modification.	
5	A rehabilitation completion criteria statement is not required to be given to the Secretary under subclause (4) unless a rehabilitation completion criteria statement has already been given to the Secretary under subclause (3).	Not Triggered	RMP	Draft completion criteria are included in the RMP. The requirement for the completion criteria statement has not been triggered (within 3 years of nominated 'rehabilitation completion' in the Forward Program).	

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
6	The Secretary may, by written notice, direct the holder of a mining lease to prepare, or give to the Secretary, a document required to be prepared under this Division at a time other than that specified in this clause.	Not Triggered		No directions received.	
7	The holder of the mining lease must comply with the direction.	Not Triggered		No directions received.	
8	In this clause— initial period means the period commencing when the mining lease is granted and ending— (a) 30 days, or other period approved by the Secretary, after this Division first applies to the mining lease, or (b) if this Division applies to the mining lease because of an increase in the required security deposit— (i) when the surface of the mining area is disturbed by activities under the mining lease, or (ii) at a later date approved by the Secretary.	Compliant		Noted.	
16. Certain documents to be publicly available					
1	This clause applies to the following documents— (a) a rehabilitation management plan, (b) a forward program, (c) an annual rehabilitation report.	Compliant	RMP ARRFP	Noted.	
2	The holder of a mining lease must make a document to which this clause applies publicly available by— (a) publishing it on its website in a prominent position, or (b) if the holder does not have a website— providing a copy of it to a person— (i) on the written request of a person, and (ii) without charge, and (iii) within 14 days after the request is received.	Compliant		Documents published on the Centennial website.	
3	If a document is published on the website of the holder of the mining lease, the holder must ensure that it is published— (a) for a rehabilitation management plan—within 14 days after it is prepared or amended, or (b) for a forward program or an annual rehabilitation report—within 14 days after it is given to the Secretary or amended,	Compliant		These documents are currently on the Centennial website. No issues noted with dates.	
4	Personal information within the meaning of the Privacy and Personal Information Protection Act 1998 is not required to be included in a document made available to a person under this clause.	Compliant		Noted.	
Division 4 Records, reporting and notification					
17. Records demonstrating compliance					
	The holder of a mining lease must create and maintain records of all actions taken that demonstrate compliance with each of the conditions set out in this Part. Note— The Act, sections 163D and 163E provide for the form in which records must be kept and the period for which they must be retained.	Compliant		Rehabilitation records are provided in the Annual Review, and Annual Rehabilitation Report. Noting no permanent rehabilitation.	
18. Report on non-compliance					
1	The holder of a mining lease must provide the Minister with a written report detailing any non-compliance with— (a) a condition of the mining lease, or Note— The Act, section 364A contains provisions relating to the use and disclosure of information provided under this condition. (b) a requirement of the Act or this Regulation relating to activities under the mining lease.	Not Triggered		The only non-compliance during the IEA period related to the Forward Program, which was identified by the Resources Regulator via Commencement of Investigation letter. This followed a separate process as directed by the Resources Regulator, therefore this condition is considered to not have been triggered.	
2	The holder of the mining lease must provide the report within 7 days after becoming aware of the non-compliance.	Not Triggered		Refer above process.	
3	The holder of the mining lease must ensure the report— (a) identifies the condition of the mining lease, or the requirement of the Act or this Regulation, to which the non-compliance relates, and (b) describes the non-compliance and specifies the date or dates on which, or the period during which, the non-compliance occurred, and (c) describes the causes or likely causes of the non-compliance, and (d) describes the action that has been taken, or will be taken, to mitigate the effects, and to prevent any recurrence, of the non-compliance	Not Triggered		Refer above process.	
19. Nominated contact person					
1	The holder of a mining lease must nominate a natural person to be the contact person with whom the Secretary can communicate in relation to the mining lease for the purposes of the Act. Note— The Act, section 383 sets out the ways in which notices or other documents may be issued or given to, or served on, a person for the purposes of the Act.	Compliant		Centennial has one consistent person nominated for all Centennial sites (G Peard).	
2	The holder of the mining lease must give written notice to the Secretary of— (a) the full name and contact details of the nominated person—within 28 days after the date on which the standard conditions apply to the mining lease under clause 31A of this Regulation, and (b) any change in nomination or in the nominated person's contact details—within 28 days after the change occurs.	Compliant		Centennial has one consistent person nominated for all Centennial sites (G Peard).	
3	The holder of the mining lease must ensure that the contact details for the nominated person include the person's phone number and postal and email addresses.	Compliant		Centennial has one consistent person nominated for all Centennial sites (G Peard). The nomination includes the required contact details.	
Division 5 Applications relating to development consent					
20. Additional requirements—application for or to modify development consent					

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
1	The holder of a mining lease must give written notice to the Secretary within 10 days after— (a) making an application for development consent that relates to the mining area, or (b) making an application for modification of a development consent— (i) under the Environmental Planning and Assessment Act 1979, section 4.55(2), and (ii) that proposes to modify a condition of the consent that relates to rehabilitation of the mining area in a way that may affect an obligation under the mining lease relating to rehabilitation of the mining area.	Not Triggered		MOD 3 was approved on 25 November 2023. This change related to rehabilitation reforms wording and did not affect the consent area or final landform. We do not believe there is a requirement to trigger this condition.	
2	This clause does not apply if the development is State significant development.	Not Triggered		Site is SSD - not triggered.	

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

Summaries:

34	Compliant
4	Non-compliant
12	Not Triggered
50	Total

ML 1632 - most of underground mining area, pit top area and downcast shaft

ML 1632 was only in affect for a period of 12 days during the audit period.



Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
Notice to Landholders					
1	<p>The Applicant must carry out the project generally in accordance with the:</p> <ul style="list-style-type: none"> (a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval. <p>Notes:</p> <ul style="list-style-type: none"> • The general layout of the project is shown in Appendix 3; and • The statement of commitments is reproduced in Appendix 5. 	Not triggered		<p>Not triggered based on site discussions.</p> <p>ML 1632 was last renewed on March 2022 (prior to this audit period).</p>	
Rehabilitation					
2	<p>The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of:</p> <ul style="list-style-type: none"> (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this approval; and (b) the implementation of any actions or measures contained in these documents. 	Not triggered		Still operating site and ML.	
Mining Operations Plan and Annual Rehabilitation Report					
3	<p>(a) The lease holder must comply with an approved Mining Operations Plan (MOP) in carrying out any significant surface disturbing activities, including mining operations, ancillary mining activities and prospecting. The lease holder must apply to the Minister for approval of a MOP. An approved MOP must be in place prior to commencing any significant surface disturbing activities, including mining operations, ancillary mining activities and prospecting.</p> <p>(b) The MOP must identify the post mining land use and set out a detailed rehabilitation strategy which:</p> <ul style="list-style-type: none"> (i) identifies areas that will be disturbed; (ii) details the staging of specific mining operations, ancillary mining activities and prospecting; (iii) identifies how the mine will be managed and rehabilitated to achieve the post mining land use; (iv) identifies how mining operations, ancillary mining activities and prospecting will be carried out in order to prevent and or minimise harm to the environment; and (v) reflects the conditions of approval under: <ul style="list-style-type: none"> • the Environmental Planning and Assessment Act 1979; • the Protection of the Environment Operations Act 1997; and • any other approvals relevant to the development including the conditions of this mining lease. <p>(c) The MOP must be prepared in accordance with the ESG3: Mining Operations Plan (MOP) Guidelines September 2013 published on the Department's website.</p> <p>(d) The lease holder may apply to the Minister to amend an approved MOP at any time</p> <p>(e) It is not a breach of this condition if:</p> <ul style="list-style-type: none"> (i) the operations which, but for this condition 3(e) would be a breach of condition 3(a), were necessary to comply with a lawful order or direction given under the Environmental Planning and Assessment Act 1979, the Protection of the Environment Operations Act 1997, the Work Health and Safety (Mines and Petroleum Sites) Act 2013 and Work Health and Safety (Mines and Petroleum Sites) Regulation 2014 or the Work Health and Safety Act 2011; and Work Health and Safety Regulation 2017 (ii) the Minister had been notified in writing of the terms of the order or direction prior to the operations constituting the breach being carried out. (f) The lease holder must prepare a Rehabilitation Report to the satisfaction of the Minister. The report must: <ul style="list-style-type: none"> (i) provide a detailed review of the progress of rehabilitation against the performance measures and criteria established in the approved MOP; (ii) be submitted annually on the grant anniversary date (or at such other times as agreed by the Minister); and (iii) be prepared in accordance with any relevant annual reporting guidelines published on the Department's website. <p>Note: The Rehabilitation Report replaces the Annual Environmental Management Report.</p>	Compliant		There was a MOP in this period. Also an Annual Review.	
Non-compliance reporting					
4	<p>(a) The lease holder must notify the Department upon becoming aware of any breaches of the conditions of this mining lease or breaches of the Act or Mining Regulations 2016;</p> <p>(b) Notifications under condition 4(a) must be provided in the form specified on the Department's website within seven (7) days of the mining lease holder becoming aware of the breach.</p>	Not triggered		Not triggered based on no Mining Act breaches.	
Environmental Incident Report					
5	<p>The lease holder must provide environmental incident notifications and reports to the Secretary no later than seven (7) days after those environmental incident notifications and reports are provided to the relevant authorities under the Protection of the Environment Operations Act 1997.</p>	Not triggered		Not triggered based on no incident reports.	
Extraction Plan					

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
6	<p>(a) In this condition</p> <p>(i) approved Extraction Plan means a plan, being:</p> <ul style="list-style-type: none"> • an extraction plan or subsidence management plan approved in accordance with the conditions of a relevant development consent and provided to the Secretary; or • a subsidence management plan relating to the mining operations subject to this lease: <p>o submitted to the Secretary on or before 31 December 2014; and</p> <p>o approved by the Secretary.</p> <p>(ii) relevant development consent means a development consent or project approval issued under the Environmental Planning and Assessment Act 1979 relating to the mining operations subject to this lease.</p> <p>(b) The lease holder must not undertake any underground mining operations that may cause subsidence except in accordance with an approved Extraction Plan.</p> <p>(c) The lease holder must ensure that the approved Extraction Plan provides for the effective management of risks associated with any subsidence resulting from mining operations carried out under this lease.</p> <p>(d) The lease holder must notify the Secretary within 48 hours of any:</p> <p>(i) incident caused by subsidence which has a potential to expose any person to health and safety risks;</p> <p>(ii) significant deviation from the predicted nature, magnitude, distribution, timing and duration of subsidence effects, and of the potential impacts and consequences of those deviations on built features and the health and safety of any person; or</p> <p>(iii) significant failure or malfunction of a monitoring device or risk control measure set out in the approved Extraction Plan addressing:</p> <ul style="list-style-type: none"> • built features; • public safety; or • subsidence monitoring 	Not triggered		Not prepared at the time of this older lease.	
Resource Recovery					
7	The lease holder must optimise recovery of the minerals that are the subject of this mining lease to the extent economically feasible.	Compliant		No issues noted	
Group Security					
8	<p>The lease holder is required to provide and maintain a security deposit to secure funding for the fulfilment of obligations of all or any kind under the mining lease, including obligations of all or any kind under the mining lease that may arise in the future.</p> <p>The amount of the security deposit to be provided as a group security has been assessed by the Minister at \$10,017,000.</p> <p>The leases covered by the group security include:</p> <p>Mining Lease No. 1370 (Act 1992)</p> <p>Mining Lease No. 1632 (Act 1992)</p> <p>Mining Purposes Lease No. 334 (Act 1992)</p>	Compliant	Group Security letter - 9/5/2025.	Security is \$8,372,000.	
Cooperation Agreement					
9	<p>The lease holder must make every reasonable attempt, and be able to demonstrate its attempts, to enter into a cooperation agreement with the holder(s) of any overlapping title(s).</p> <p>The cooperation agreement should address but not be limited to issues such as:</p> <ul style="list-style-type: none"> • access arrangements • operational interaction procedures • dispute resolution • information exchange • well location • timing of drilling • potential resource extraction conflicts; and • rehabilitation issues. 	Not triggered			
Special Conditions					
	<i>Note: The standard conditions apply to all mining leases. The Department reserves the right to impose special conditions, based on individual circumstances, where appropriate.</i>	Not triggered			
Petroleum (Mining Operations by Product Only)					
10	<p>Any proposed activity from time to time in regard to methane drainage and capture should be advised to the Department's Resources Regulator for consideration. Such activities may be subject to conditions relative to each site specific case.</p> <p>a) For the purposes of this lease, petroleum is limited to coal bed methane that is captured or extracted as a by-product in the course of conducting mining activities.</p> <p>b) Prior to the carrying out of any drainage or capture of petroleum, or any related activity, the Department's Mine Safety Operations and Environmental Sustainability Units must be advised. The Department may impose any condition on the carrying out of such activity as may be appropriate to each site-specific case.</p>	Not triggered		Not triggered.	
Dam Safety - Mining Leases					
11	<p>(a) Notwithstanding any Mining Operations Plan, the lease holder must not mine within any part of the lease area which is within the notification area of the Eraring Ash Dam without the prior written approval of the Minister and subject to any conditions the Minister may stipulate.</p> <p>(b) Where the lease holder desires to mine within the notification area, the lease holder must:</p> <p>(i) at least twelve (12) months before mining is to commence or such lesser time as the Minister may permit, notify the Minister of the desire to do so. A plan of the mining system to be implemented must accompany the notice; and</p> <p>(ii) provide such information as the Minister may direct.</p>				

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
	<p>(c) The Minister must not, except in the circumstances set out in sub-paragraph (ii), grant approval unless sub-paragraph (i) of this paragraph has been complied with.</p> <p>(i) This sub-paragraph is complied with if:</p> <p>(a) Dams Safety NSW as constituted by section 6 of the Dams Safety Act 2015 and the owner of the dam have been notified in writing of the desire to mine referred to in paragraph (b).</p> <p>(b) the notifications referred to in clause (a) are accompanied by a description or plan of the area to be mined.</p> <p>(c) the Secretary has complied with any reasonable request made by Dams Safety NSW or the owner of the dam for further information in connection with the mining proposal.</p> <p>(d) Dams Safety NSW has made its recommendations concerning the mining proposal or has informed the Minister in writing that it does not propose to make any such recommendations; and</p> <p>(e) where Dams Safety NSW has made recommendations the approval is in terms that are:</p> <ul style="list-style-type: none"> - in accordance with those recommendations; or - where the Minister does not accept those recommendations or any of them - in accordance with a determination under sub-paragraph (ii) of this paragraph. <p>(ii) Where the Minister does not accept the recommendations of Dams Safety NSW or where Dams Safety NSW has failed to make any recommendations and has not informed the Minister in writing that it does not propose to make any recommendations, the approval shall be in terms that are, in relation to matters dealing with the safety of the dam:</p> <ul style="list-style-type: none"> - as determined by agreement between the Minister and the Minister administering the Dams Safety Act 2015; or - in the event of failure to reach such agreement - as determined by the Premier. <p>(d) The Minister, on notice from Dams Safety NSW, may at any time or times:</p> <p>(i) cancel any approval given where a notice pursuant to section 19 of the Dams Safety Act 2015 is given.</p> <p>(ii) suspend for a period of time, alter, omit from or add to any approval given or conditions imposed.</p>	Not triggered			

Details of Lands and Purposes

12	<p>The lease holder shall be limited to the following operations and conditions within the areas specified as items 1, 2 & 3 and shown on Diagram A of Plan B (M27157) annexed hereto.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>COLUMN 1 - AREAS</th> <th>COLUMN 2 - PURPOSES</th> <th>COLUMN 3 - CONDITIONS</th> </tr> </thead> <tbody> <tr> <td>Land Formerly MPL 159 (Act 1973) as shown as item 1 on Diagram A Plan B of plan catalogued M27328</td> <td>Construction, maintenance or use (in or in connection with mining operations) of any ventilation shaft.</td> <td>The lease holder shall use the shaft on the subject area for ventilation purposes only, unless with the consent of the Minister first read and obtained and subject to such conditions as may be imposed. Any approval or consent previously given by the Minister, including any approval or consent given pursuant to any such condition contained in Consultation Cost Lease 762 (Act 1992), shall be deemed to be consent given subject to the same conditions of that approval or consent under this lease.</td> </tr> <tr> <td>Land Formerly MPL 170 (Act 1972) as shown as item 2 on Diagram A Plan B of plan catalogued M27328</td> <td>Construction, maintenance or use (in or in connection with mining operations) of any bin, building, conveyor system, dam, road, ventilation shaft, drill (as mentioned under the noun 'mine' in the dictionary of the Mining Act 1992). The storage of fuel, machinery, timber or equipment for use in or in connection with mining operations. The generation and transmission of electricity for use in or in connection with mining operations.</td> <td>Nil</td> </tr> <tr> <td>Land Formerly MPL 182 (Act 1973) as shown as item 3 on Diagram A Plan B of plan catalogued M27328</td> <td>Construction, maintenance or use (in or in connection with mining operations) of any bin.</td> <td>Nil</td> </tr> </tbody> </table>	COLUMN 1 - AREAS	COLUMN 2 - PURPOSES	COLUMN 3 - CONDITIONS	Land Formerly MPL 159 (Act 1973) as shown as item 1 on Diagram A Plan B of plan catalogued M27328	Construction, maintenance or use (in or in connection with mining operations) of any ventilation shaft.	The lease holder shall use the shaft on the subject area for ventilation purposes only, unless with the consent of the Minister first read and obtained and subject to such conditions as may be imposed. Any approval or consent previously given by the Minister, including any approval or consent given pursuant to any such condition contained in Consultation Cost Lease 762 (Act 1992), shall be deemed to be consent given subject to the same conditions of that approval or consent under this lease.	Land Formerly MPL 170 (Act 1972) as shown as item 2 on Diagram A Plan B of plan catalogued M27328	Construction, maintenance or use (in or in connection with mining operations) of any bin, building, conveyor system, dam, road, ventilation shaft, drill (as mentioned under the noun 'mine' in the dictionary of the Mining Act 1992). The storage of fuel, machinery, timber or equipment for use in or in connection with mining operations. The generation and transmission of electricity for use in or in connection with mining operations.	Nil	Land Formerly MPL 182 (Act 1973) as shown as item 3 on Diagram A Plan B of plan catalogued M27328	Construction, maintenance or use (in or in connection with mining operations) of any bin.	Nil	Compliant		No issues noted	
COLUMN 1 - AREAS	COLUMN 2 - PURPOSES	COLUMN 3 - CONDITIONS															
Land Formerly MPL 159 (Act 1973) as shown as item 1 on Diagram A Plan B of plan catalogued M27328	Construction, maintenance or use (in or in connection with mining operations) of any ventilation shaft.	The lease holder shall use the shaft on the subject area for ventilation purposes only, unless with the consent of the Minister first read and obtained and subject to such conditions as may be imposed. Any approval or consent previously given by the Minister, including any approval or consent given pursuant to any such condition contained in Consultation Cost Lease 762 (Act 1992), shall be deemed to be consent given subject to the same conditions of that approval or consent under this lease.															
Land Formerly MPL 170 (Act 1972) as shown as item 2 on Diagram A Plan B of plan catalogued M27328	Construction, maintenance or use (in or in connection with mining operations) of any bin, building, conveyor system, dam, road, ventilation shaft, drill (as mentioned under the noun 'mine' in the dictionary of the Mining Act 1992). The storage of fuel, machinery, timber or equipment for use in or in connection with mining operations. The generation and transmission of electricity for use in or in connection with mining operations.	Nil															
Land Formerly MPL 182 (Act 1973) as shown as item 3 on Diagram A Plan B of plan catalogued M27328	Construction, maintenance or use (in or in connection with mining operations) of any bin.	Nil															

Exploration Reporting

	<p><i>Note: Exploration Reports (Geological and Geophysical)</i></p> <p>The lease holder must lodge reports to the satisfaction of the Secretary in accordance with section 163C of the Mining Act 1992 and in accordance with clause 59, 60 and 61 of the Mining Regulation 2016.</p> <p>Reports must be prepared in accordance with Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales.</p>	Compliant		Exploration reports provided.	
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Audit Period:

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

Summaries	
5	Compliant
9	Not triggered
0	Non-compliant
14	Total

ML 1370 - Point Wolstoncroft

ML 1632 was only in affect for a period of 12 days during the audit period.



Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
Notice to Landholders					
1	<p>The Applicant must carry out the project generally in accordance with the:</p> <p>(a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval.</p> <p>Notes: • The general layout of the project is shown in Appendix 3; and • The statement of commitments is reproduced in Appendix 5.</p>	Not triggered		<p>Not triggered based on site discussions.</p> <p>ML 1370 was last renewed on July 2021 (prior to this audit period).</p>	
Rehabilitation					
2	The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this approval; and	Not triggered		Still operating site and ML.	
Mining Operations Plan and Annual Rehabilitation Report					
3	<p>(a) The lease holder must comply with an approved Mining Operations Plan (MOP) in carrying out any significant surface disturbing activities, including mining operations, ancillary mining activities and prospecting. The lease holder must apply to the Minister for approval of a MOP. An approved MOP must be in place prior to commencing any significant surface disturbing activities, including mining operations, ancillary mining activities and prospecting.</p> <p>(b) The MOP must identify the post mining land use and set out a detailed rehabilitation strategy which:</p> <p>(i) identifies areas that will be disturbed; (ii) details the staging of specific mining operations, ancillary mining activities and prospecting; (iii) identifies how the mine will be managed and rehabilitated to achieve the post mining land use; (iv) identifies how mining operations, ancillary mining activities and prospecting will be carried out in order to prevent and or minimise harm to the environment; and (v) reflects the conditions of approval under: • the Environmental Planning and Assessment Act 1979; • the Protection of the Environment Operations Act 1997; and • any other approvals relevant to the development including the conditions of this mining lease.</p> <p>(c) The MOP must be prepared in accordance with the ESG3: Mining Operations Plan (MOP) Guidelines September 2013 published on the Department's website.</p> <p>(d) The lease holder may apply to the Minister to amend an approved MOP at any time</p> <p>(e) It is not a breach of this condition if: (i) the operations which, but for this condition 3(e) would be a breach of condition 3(a), were necessary to comply with a lawful order or direction given under the Environmental Planning and Assessment Act 1979, the Protection of the Environment Operations Act 1997, the Work Health and Safety (Mines and Petroleum Sites) Act 2013 and Work Health and Safety (Mines and Petroleum Sites) Regulation 2014 or the Work Health and Safety Act 2011; and Work Health and Safety Regulation 2017 (ii) the Minister had been notified in writing of the terms of the order or direction prior to the operations constituting the breach being carried out. (f) The lease holder must prepare a Rehabilitation Report to the satisfaction of the Minister. The report must: (i) provide a detailed review of the progress of rehabilitation against the performance measures and criteria established in the approved MOP; (ii) be submitted annually on the grant anniversary date (or at such other times as agreed by the Minister); and (iii) be prepared in accordance with any relevant annual reporting guidelines published on the Department's website. Note: The Rehabilitation Report replaces the Annual Environmental Management Report.</p>	Compliant		There was a MOP in this period. Also an Annual Review.	
Non-compliance reporting					
4	(a) The lease holder must notify the Department upon becoming aware of any breaches of the conditions of this mining lease or breaches of the Act or Mining Regulations 2016; (b) Notifications under condition 4(a) must be provided in the form specified on the Department's website within seven (7) days of the mining lease holder becoming aware of the breach.	Not triggered		Not triggered based on no Mining Act breaches.	
Environmental Incident Report					
5	The lease holder must provide environmental incident notifications and reports to the Secretary no later than seven (7) days after those environmental incident notifications and reports are provided to the relevant authorities under the Protection of the Environment Operations Act 1997.	Not triggered		Not triggered based on no incident reports.	
Extraction Plan					

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
6	(a) In this condition (i) approved Extraction Plan means a plan, being: <ul style="list-style-type: none"> • an extraction plan or subsidence management plan approved in accordance with the conditions of a relevant development consent and provided to the Secretary; or • a subsidence management plan relating to the mining operations subject to this lease: <ul style="list-style-type: none"> o submitted to the Secretary on or before 31 December 2014; and o approved by the Secretary. (ii) relevant development consent means a development consent or project approval issued under the Environmental Planning and Assessment Act 1979 relating to the mining operations subject to this lease. (b) The lease holder must not undertake any underground mining operations that may cause subsidence except in accordance with an approved Extraction Plan. (c) The lease holder must ensure that the approved Extraction Plan provides for the effective management of risks associated with any subsidence resulting from mining operations carried out under this lease. (d) The lease holder must notify the Secretary within 48 hours of any: <ul style="list-style-type: none"> (i) incident caused by subsidence which has a potential to expose any person to health and safety risks; (ii) significant deviation from the predicted nature, magnitude, distribution, timing and duration of subsidence effects, and of the potential impacts and consequences of those deviations on built features and the health and safety of any person; or (iii) significant failure or malfunction of a monitoring device or risk control measure set out in the approved Extraction Plan addressing: <ul style="list-style-type: none"> • built features; • public safety; or • subsidence monitoring 	Not triggered		Not prepared at the time of this older lease.	
Resource Recovery					
7	The lease holder must optimise recovery of the minerals that are the subject of this mining lease to the extent economically feasible.	Compliant		No issues noted.	
Group Security					
8	The lease holder is required to provide and maintain a security deposit to secure funding for the fulfilment of obligations of all or any kind under the mining lease, including obligations of all or any kind under the mining lease that may arise in the future. The amount of the security deposit to be provided as a group security has been assessed by the Minister at \$10,017,000. The leases covered by the group security include: Mining Lease No. 1370 (Act 1992) Mining Lease No. 1632 (Act 1992) Mining Purposes Lease No. 334 (Act 1992)	Compliant	Group Security letter - 9/5/2025.	Security is \$8,372,000.	
Cooperation Agreement					
9	The lease holder must make every reasonable attempt, and be able to demonstrate its attempts, to enter into a cooperation agreement with the holder(s) of any overlapping title(s). The cooperation agreement should address but not be limited to issues such as: <ul style="list-style-type: none"> • access arrangements • operational interaction procedures • dispute resolution • information exchange • well location • timing of drilling • potential resource extraction conflicts; and • rehabilitation issues. 	Not triggered	-	Centennial Myuna confirmed that there are no overlapping leases at Myuna Colliery therefore this condition is not triggered.	
Special Conditions					
	<i>Note: The standard conditions apply to all mining leases. The Department reserves the right to impose special conditions, based on individual circumstances, where appropriate.</i>	Compliant	-	Noted	
Petroleum (Mining Operations by Product Only)					
10	Any proposed activity from time to time in regard to methane drainage and capture should be advised to the Department's Resources Regulator for consideration. Such activities may be subject to conditions relative to each site specific case. a) For the purposes of this lease, petroleum is limited to coal bed methane that is captured or extracted as a by-product in the course of conducting mining activities. b) Prior to the carrying out of any drainage or capture of petroleum, or any related activity, the Department's Mine Safety Operations and Environmental Sustainability Units must be advised. The Department may impose any condition on the carrying out of such activity as may be appropriate to each site-specific case.	Not triggered	-	Centennial Myuna reported that no methane drainage and capture has been undertaken during the audit period.	
Exploration Reporting					
	<i>Note: Exploration Reports (Geological and Geophysical)</i> The lease holder must lodge reports to the satisfaction of the Secretary in accordance with section 163C of the Mining Act 1992 and in accordance with clause 59, 60 and 61 of the Mining Regulation 2016. Reports must be prepared in accordance with Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales.	Compliant	Annual Exploration Report (2022)	Exploration reports provided.	

Audit Period:

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

Summaries	
5	Compliant
7	Not triggered
0	Non-compliant
12	Total

ML 334 - Area surrounding the pit top (including emergency coal stockpile)

ML 1632 was only in affect for a period of 12 days during the audit period.



Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
Notice to Landholders					
1	<p>The Applicant must carry out the project generally in accordance with the:</p> <p>(a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval.</p> <p>Notes:</p> <ul style="list-style-type: none"> The general layout of the project is shown in Appendix 3; and The statement of commitments is reproduced in Appendix 5. 	Not triggered	Site discussion	Not triggered as the lease was last renewed in 2015.	
Rehabilitation					
2	<p>The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of:</p> <p>(a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with</p>	Not triggered		Still operating site and ML.	
Mining Operations Plan and Annual Rehabilitation Report					
3	<p>a) The lease holder must comply with an approved Mining Operations Plan (MOP) in carrying out any significant surface disturbance activities, including mining purposes and prospecting. The lease holder must apply to the Minister for approval of a MOP. An approved MOP must be in place prior to commencing any significant surface disturbing activities, including mining operations, mining purposes and prospecting.</p> <p>b) The MOP must identify the post mining land use and set out a detailed rehabilitation strategy which:</p> <ol style="list-style-type: none"> Identifies areas that will be disturbed. Detail the staging of specific mining operations, mining purposes and prospecting. Identify how the mine will be managed and rehabilitated to achieve the post mining land use. Identifies how mining operations, mining purposes and prospecting will be carried out in order to prevent and or minimise harm to the environment. Reflects the conditions of approval under: <ul style="list-style-type: none"> The Environment Planning and Assessment Act 1979. The Protection of the Environment Operations Act 1997. Any other approvals relevant to the development including the conditions of this mining lease. <p>c) The MOP must be prepared in accordance with ESG3: Mining Operations Plan (MOP) Guidelines September 2013 published on the Departments website at www.resources.nsw.gov.au/environment.</p> <p>d) i) The lease holder may apply to the Minister to amend an approved MOP at any time.</p> <p>e) It is not a breach of this condition if:</p> <ol style="list-style-type: none"> The operation which, but for this condition 3E would be a breach if condition 3(a), were necessary to comply with a lawful order or direction under the Environmental Planning and Assessment Act 1979, Protection of the Environment Operations Act 1997, Mine Health and Safety Act 2004 / Coal Mine Health and Safety Act 2002 and Mine Health and Safety Regulation 2007 / Coal Mine Health and Safety Regulation 2006 or the Occupational Health and Safety Act 2000; and The Minister has been notified in writing of the terms of the order or direction prior to the operations constituting the breach being carried out. <p>f) The lease holder must prepare a Rehabilitation Report to the satisfaction of the Minister. The report must:</p> <ol style="list-style-type: none"> Provide a detailed review of the progress of rehabilitation against the performance measures and criteria established in the approved MOP; Be submitted annually on the grant anniversary date (or at such other times as agreed by the Minister); and Be prepared in accordance with any relevant annual reporting guidelines published on the Departments website www.resources.nsw.gov.au/environment. <p>Note: The Rehabilitation Report replaces the Annual Environmental Management Report.</p>	Compliant		There was a MOP in this period. Also an Annual Review.	
Non-compliance reporting					
4	<p>(a) The lease holder must notify the Department upon becoming aware of any breaches of the conditions of this mining lease or breaches of the Act or Mining Regulations 2016;</p> <p>(b) Notifications under condition 4(a) must be provided in the form specified on the Department's website within seven (7) days of the mining lease holder becoming aware of the breach.</p>	Not triggered		Not triggered based on no Mining Act breaches.	
5	<p>The lease holder must provide environmental incident notifications and reports to the Secretary no later than seven (7) days after those environmental incident notifications and reports are provided to the relevant authorities under the Protection of the Environment Operations Act 1997.</p>	Not triggered		Not triggered based on no incident reports	
Extraction Plan					
6	NOT USED				
Resource Recovery					
7	NOT USED				
Group Security					

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
8	The lease holder is required to provide and maintain a security deposit to secure funding for the fulfilment of obligations of all or any kind under the mining lease, including obligations of all or any kind under the mining lease that may arise in the future. The amount of the security deposit to be provided as a group security has been assessed by the Minister at \$5,568,000 . The leases covered by the group security include Mining Lease 1370 (Act 1992) and Mining Lease 1632 (Act 1992) .	Compliant	-	Security is \$8,372,000.	
Cooperation Agreement					
9	The lease holder must make every reasonable attempt, and be able to demonstrate their attempts, to enter into a cooperation agreement with the holder(s) of any overlapping title(s). The cooperation agreement should address but not be limited to issues such as: - Access arrangements - Operational interaction procedures - Dispute resolution - Information exchange - Well location. - Timing of drilling - Potential resource extraction conflicts. - Rehabilitation issues.	Not triggered	-	Centennial Myuna confirmed that there are no overlapping leases at Myuna Colliery therefore this condition is not triggered.	
Exploration Reporting					
	<u>Note: Exploration Reports (Geological and Geophysical)</u> The lease holder must lodge reports to the satisfaction of the Minister in accordance with section 163C of the Mining Act 1992 and in accordance with clause 57 of the Mining Regulation 2010. Reports must be prepared in accordance with <u>Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales</u> (Department of Trade and Investment, Regional Infrastructure and Services 2010).	Compliant	Annual Exploration Report (2022)	Exploration reports provided.	
Special Conditions					
	Note: The standard conditions apply to all mining leases. The Division of Resources & Energy (DRE) reserves the right to impose special conditions, based on individual circumstances, where appropriate.	Compliant	-	Noted	

Audit Period:

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

Summaries:

4	Compliant
5	Not triggered
0	Non-compliant
9	Total

ML 1880 - Includes all land described in the attached lease plan titled M27648 and approved on 14 May 2024.



Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action
108.3 ha					
General Conditions					
Notice to Landholders					
1	The Applicant must carry out the project generally in accordance with the: (a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval. Notes: • The general layout of the project is shown in Appendix 3; and • The statement of commitments is reproduced in Appendix 5.	Compliant	Newcastle Herald Classifieds Page 62 (17 August 2024)	ML 1880 was last renewed on 1 August 2024 (during the audit period) Notification reported in Newcastle Herald on 17 August 2024 (within 90 days of the renewal being granted).	
Security					
2	The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this approval; and (b) the implementation of any actions or measures contained in these documents.	Compliant	Group Security letter - 9/5/2025.	Security is \$8,372,000.	
Cooperation Agreement					
3	The lease holder must make every reasonable attempt, and be able to demonstrate its attempts to the satisfaction of the Secretary, to enter into a cooperation agreement with the holder(s) of any overlapping authorisations issued under the Mining Act 1992 and petroleum titles issued under the Petroleum (Onshore) Act 1991. The cooperation agreement should address but not be limited to: • access arrangements • operational interaction procedures • dispute resolution • information exchange • well location • timing of drilling • potential resource extraction conflicts; and • rehabilitation issues.	Not triggered		Not triggered based on site communications.	
Assessable Prospecting Operations					
4	(a) The lease holder must not carry out any assessable prospecting operation on land over which this lease has been granted unless: (i) it is carried out in accordance with any necessary development consent; or (ii) if development consent is not required, the prior written approval of the Minister has been obtained. (b) The Minister may require the lease holder to provide such information as required to assist the Minister to consider an application for approval. (c) An approval granted by the Minister under this condition may be granted subject to terms. (d) The lease holder must comply with the approval granted to the holder under this condition.	Compliant	Consent to surface activities under s81 of the Mining Act 1992 (NSW Mining Lease no: 1880 (Letter dated 5 Nov 2024)	Consent granting prospecting activities provided to Centennial on 5 November 2024	
Special Conditions					
Nil					
Exploration Reporting					
	<i>Note: Exploration Reports (Geological and Geophysical)</i> The lease holder must lodge reports in accordance with the requirements in section 163C of the Mining Act 1992 and clauses 59, 60 and 61 of the Mining Regulation 2016 as well as any further requirements issued by the Secretary under clause 62 of the Mining Regulation. Guidelines for the structure, content and data format requirements for reports are set out in the Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales.	Compliant	Annual Exploration Reports (2022 and 2023)	Examples of exploration reporting provided.	

Audit Period:

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

Summaries:

4	Compliant
1	Not triggered
0	Non-compliant
5	Total

ML 1632 - most of underground mining area, pit top area and downcast shaft (variation effective from 17

October 2022)

6125 ha



Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action									
Notice to Landholders														
1	<p>The Applicant must carry out the project generally in accordance with the:</p> <p>(a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval.</p> <p>Notes:</p> <ul style="list-style-type: none"> The general layout of the project is shown in Appendix 3; and The statement of commitments is reproduced in Appendix 5. 	Not triggered	<p>Site comms</p> <p>Renewal of ML 1632</p>	<p>Not triggered based on site discussions.</p> <p>ML 1632 was last renewed on March 2022 (prior to this audit period).</p>										
Group Security														
2	<p>The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of:</p> <p>(a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this approval; and (b) the implementation of any actions or measures contained in these documents.</p> <p>The leases covered by the group security include this ML 1632 (1992) and:</p> <table border="1"> <thead> <tr> <th>Lease type</th> <th>Lease Number</th> <th>Act Year</th> </tr> </thead> <tbody> <tr> <td>MPL</td> <td>344</td> <td>1973</td> </tr> <tr> <td>ML</td> <td>1370</td> <td>1992</td> </tr> </tbody> </table>	Lease type	Lease Number	Act Year	MPL	344	1973	ML	1370	1992	Compliant	<p>Group Security letter - 9/5/2025.</p>	<p>Security is \$8,372,000.</p>	
Lease type	Lease Number	Act Year												
MPL	344	1973												
ML	1370	1992												
Cooperation Agreement														
3	<p>The lease holder must make every reasonable attempt, and be able to demonstrate its attempts to the satisfaction of the Secretary, to enter into a cooperation agreement with the holder(s) of any overlapping authorisations issued under the Mining Act 1992 and petroleum titles issued under the Petroleum (Onshore) Act 1991. The cooperation agreement should address but not be limited to:</p> <ul style="list-style-type: none"> access arrangements operational interaction procedures dispute resolution information exchange well location timing of drilling potential resource extraction conflicts; and rehabilitation issues. 	Not triggered		<p>Site comms, not triggered.</p>										
Assessable Prospecting Operations														
4	<p>(a) The lease holder must not carry out any assessable prospecting operation on land over which this lease has been granted unless:</p> <p>(i) it is carried out in accordance with any necessary development consent; or (ii) if development consent is not required, the prior written approval of the Minister has been obtained.</p> <p>(b) The Minister may require the lease holder to provide such information as required to assist the Minister to consider an application for approval.</p> <p>(c) An approval granted by the Minister under this condition may be granted subject to terms.</p> <p>(d) The lease holder must comply with the approval granted to the holder under this condition.</p>	Compliant	<p>Consent to surface activities under s81 of the Mining Act 1992 (NSW) Mining Lease No: ML1632 (Letter dated 13 Apr 2022)</p>	<p>Consent granting prospecting activities provided to Centennial on 13 April 2022.</p>										
Special Conditions														
Dams Safety - Mining Lease														
5	<p>(a) The lease holder must not mine within any part of the lease area which is within the notification area of the Eraring Ash Dam without the prior written approval of the Minister and subject to any conditions the Minister may stipulate.</p> <p>(b) Where the lease holder desires to mine within the notification area, the lease holder must:</p> <p>(i) at least twelve (12) months before mining is to commence or such lesser time as the Minister may permit, notify the Minister of the desire to do so. A plan of the mining system to be implemented must accompany the notice; and</p> <p>(ii) provide such information as the Minister may direct.</p>													

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action											
	<p>(c) The Minister must not, except in the circumstances set out in sub-paragraph (ii), grant approval unless sub-paragraph (i) of this paragraph has been complied with.</p> <p>(i) This sub-paragraph is complied with if:</p> <p>(a) Dams Safety NSW as constituted by section 6 of the Dams Safety Act 2015 and the owner of the dam have been notified in writing of the desire to mine referred to in paragraph</p> <p>(b) the notifications referred to in clause (a) are accompanied by a description or plan of the area to be mined.</p> <p>(c) the Secretary has complied with any reasonable request made by Dams Safety NSW or the owner of the dam for further information in connection with the mining proposal.</p> <p>(d) Dams Safety NSW has made its recommendations concerning the mining proposal or has informed the Minister in writing that it does not propose to make any such recommendations; and</p> <p>(e) where Dams Safety NSW has made recommendations the approval is in terms that are:</p> <ul style="list-style-type: none"> - in accordance with those recommendations; or - where the Minister does not accept those recommendations or any of them - in accordance with a determination under sub-paragraph (ii) of this paragraph. <p>(ii) Where the Minister does not accept the recommendations of Dams Safety NSW or where Dams Safety NSW has failed to make any recommendations and has not informed the Minister in writing that it does not propose to make any recommendations, the approval shall be in terms that are, in relation to matters dealing with the safety of the dam:</p> <ul style="list-style-type: none"> - as determined by agreement between the Minister and the Minister administering the Dams Safety Act 2015; or - in the event of failure to reach such agreement - as determined by the Premier. <p>(d) The Minister, on notice from Dams Safety NSW, may at any time or times: (i) cancel any approval given where a notice pursuant to section 19 of the Dams Safety Act 2015 is given.</p> <p>(ii) suspend for a period of time, alter, omit from or add to any approval given or conditions imposed.</p>	Not triggered		Not mining under the dam.												
Details of Lands and Purposes																
6	<p>The lease holder shall be limited to the following operations and conditions within the areas specified as items 1, 2 & 3 and shown on Diagram A of Plan B (M27157) annexed hereto.</p> <table border="1"> <thead> <tr> <th>COLUMN 1</th> <th>COLUMN 2</th> <th>COLUMN 3</th> </tr> </thead> <tbody> <tr> <td>Land Formerly MPL 169 (Act 1973) as shown as Item 1 on Diagram A Plan B of plan catalogued M27528</td> <td>Construction, maintenance or use (in or in connection with mining operations) of any ventilation shaft.</td> <td>The lease holder shall use the shaft on the subject area for ventilation purposes only, unless with the consent of the Minister first had and obtained and subject to such conditions as may be imposed. Any approval or consent previously given by the Minister, including any approval or consent given pursuant to any such condition contained in Consolidated Coal Lease 782 (Act 1992), shall be deemed to be consent given subject to the same conditions of that approval or consent under this lease.</td> </tr> <tr> <td>Land Formerly MPL 170 (Act 1973) as shown as Item 2 on Diagram A Plan B of plan catalogued M27528</td> <td>Construction, maintenance or use (in or in connection with mining operations) of any bin, building, conveyor system, dam, road, ventilation shaft, drift (as mentioned under the noun "mine" in the dictionary of the Mining Act 1992). The storage of fuel, machinery, timber or equipment for use in or in connection with mining operations. The generation and transmission of electricity for use in or in connection with mining operations.</td> <td>Nil</td> </tr> <tr> <td>Land Formerly MPL 182 (Act 1973) as shown as Item 3 on Diagram A Plan B of plan catalogued M27528</td> <td>Construction, maintenance or use (in or in connection with mining operations) of any bin.</td> <td>Nil</td> </tr> </tbody> </table>	COLUMN 1	COLUMN 2	COLUMN 3	Land Formerly MPL 169 (Act 1973) as shown as Item 1 on Diagram A Plan B of plan catalogued M27528	Construction, maintenance or use (in or in connection with mining operations) of any ventilation shaft.	The lease holder shall use the shaft on the subject area for ventilation purposes only, unless with the consent of the Minister first had and obtained and subject to such conditions as may be imposed. Any approval or consent previously given by the Minister, including any approval or consent given pursuant to any such condition contained in Consolidated Coal Lease 782 (Act 1992), shall be deemed to be consent given subject to the same conditions of that approval or consent under this lease.	Land Formerly MPL 170 (Act 1973) as shown as Item 2 on Diagram A Plan B of plan catalogued M27528	Construction, maintenance or use (in or in connection with mining operations) of any bin, building, conveyor system, dam, road, ventilation shaft, drift (as mentioned under the noun "mine" in the dictionary of the Mining Act 1992). The storage of fuel, machinery, timber or equipment for use in or in connection with mining operations. The generation and transmission of electricity for use in or in connection with mining operations.	Nil	Land Formerly MPL 182 (Act 1973) as shown as Item 3 on Diagram A Plan B of plan catalogued M27528	Construction, maintenance or use (in or in connection with mining operations) of any bin.	Nil	Compliant		
COLUMN 1	COLUMN 2	COLUMN 3														
Land Formerly MPL 169 (Act 1973) as shown as Item 1 on Diagram A Plan B of plan catalogued M27528	Construction, maintenance or use (in or in connection with mining operations) of any ventilation shaft.	The lease holder shall use the shaft on the subject area for ventilation purposes only, unless with the consent of the Minister first had and obtained and subject to such conditions as may be imposed. Any approval or consent previously given by the Minister, including any approval or consent given pursuant to any such condition contained in Consolidated Coal Lease 782 (Act 1992), shall be deemed to be consent given subject to the same conditions of that approval or consent under this lease.														
Land Formerly MPL 170 (Act 1973) as shown as Item 2 on Diagram A Plan B of plan catalogued M27528	Construction, maintenance or use (in or in connection with mining operations) of any bin, building, conveyor system, dam, road, ventilation shaft, drift (as mentioned under the noun "mine" in the dictionary of the Mining Act 1992). The storage of fuel, machinery, timber or equipment for use in or in connection with mining operations. The generation and transmission of electricity for use in or in connection with mining operations.	Nil														
Land Formerly MPL 182 (Act 1973) as shown as Item 3 on Diagram A Plan B of plan catalogued M27528	Construction, maintenance or use (in or in connection with mining operations) of any bin.	Nil														
Petroleum (Mining Operations by Product Only)																
7	For the purposes of this lease, petroleum is limited to coal bed methane that is captured or extracted as a by-product in the course of carrying out mining operations.	Compliant		There have been no noted issues.												
Exploration Reporting																
	<p><i>Note: Exploration Reports (Geological and Geophysical).</i></p> <p>The lease holder must lodge reports in accordance with the requirements in section 163C of the Mining Act 1992 and clauses 59, 60 and 61 of the Mining Regulation 2016 as well as any further requirements issued by the Secretary under clause 62 of the Mining Regulation. Guidelines for the structure, content and data format requirements for reports are set out in the Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales.</p>	Compliant	Annual Exploration Reports (2022 and 2023)	Examples of exploration reporting provided.												

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

5	Compliant
3	Not triggered
0	Non-compliant
8	Total

ML 1370 - Point Wolstoncroft (variation effective from 17 October 2022)



524 ha

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action									
Notice to Landholders														
1	<p>The Applicant must carry out the project generally in accordance with the:</p> <ul style="list-style-type: none"> (a) EA; (b) EA (MOD 1); (c) EA (MOD 3); (d) Statement of Commitments; and (e) conditions of this approval. <p>Notes:</p> <ul style="list-style-type: none"> • The general layout of the project is shown in Appendix 3; and • The statement of commitments is reproduced in Appendix 5. 	Not triggered	<p>Site comms</p> <p>Renewal of ML 1370</p>	<p>Not triggered based on site discussions.</p> <p>ML 1370 was last renewed on July 2021 (prior to this audit period).</p>										
Group Security														
2	<p>The Applicant must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of:</p> <ul style="list-style-type: none"> (a) any strategies, plans, programs, reviews, audits, reports or correspondence that are submitted in accordance with this approval; and (b) the implementation of any actions or measures contained in these documents. <p>The leases covered by the group security include this ML 1370 (1992) and:</p> <table border="1"> <thead> <tr> <th>Lease type</th> <th>Lease Number</th> <th>Act Year</th> </tr> </thead> <tbody> <tr> <td>MPL</td> <td>344</td> <td>1973</td> </tr> <tr> <td>ML</td> <td>1632</td> <td>1992</td> </tr> </tbody> </table>	Lease type	Lease Number	Act Year	MPL	344	1973	ML	1632	1992	Compliant	<p>Group Security letter - 9/5/2025.</p>	<p>Security is \$8,372,000.</p>	
Lease type	Lease Number	Act Year												
MPL	344	1973												
ML	1632	1992												
Cooperation Agreement														
3	<p>The lease holder must make every reasonable attempt, and be able to demonstrate its attempts to the satisfaction of the Secretary, to enter into a cooperation agreement with the holder(s) of any overlapping authorisations issued under the Mining Act 1992 and petroleum titles issued under the Petroleum (Onshore) Act 1991. The cooperation agreement should address but not be limited to:</p> <ul style="list-style-type: none"> • access arrangements • operational interaction procedures • dispute resolution • information exchange • well location • timing of drilling • potential resource extraction conflicts; and • rehabilitation issues. 	Not triggered		<p>Site comms, not triggered.</p>										
Assessable Prospecting Operations														
4	<ul style="list-style-type: none"> (a) The lease holder must not carry out any assessable prospecting operation on land over which this lease has been granted unless: <ul style="list-style-type: none"> (i) it is carried out in accordance with any necessary development consent; or (ii) if development consent is not required, the prior written approval of the Minister has been obtained. (b) The Minister may require the lease holder to provide such information as required to assist the Minister to consider an application for approval. (c) An approval granted by the Minister under this condition may be granted subject to terms. (d) The lease holder must comply with the approval granted to the holder under this condition. 	Not triggered	<p>Site discussions</p>	<p>Site has stated that no prospecting activities took place on ML 1370 during the audit period</p>										
Special Conditions														
Petroleum (Mining Operations By Product Only)														
5	<p>For the purposes of this lease, petroleum is limited to coal bed methane that is captured or extracted as a by-product in the course of carrying out mining operations.</p>	Compliant	<p>Site discussions</p>	<p>There have been no noted issues.</p>										
Exploration Reporting														
	<p><i>Note: Exploration Reports (Geological and Geophysical)</i></p> <p>The lease holder must lodge reports in accordance with the requirements in section 163C of the Mining Act 1992 and clauses 59, 60 and 61 of the Mining Regulation 2016 as well as any further requirements issued by the Secretary under clause 62 of the Mining Regulation.</p> <p>Guidelines for the structure, content and data format requirements for reports are set out in the Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales.</p>	Compliant	<p>Annual Exploration Reports (2022 and 2023)</p>	<p>Examples of exploration reporting provided.</p>										
Cooperation Agreement														
9	<p>The lease holder must make every reasonable attempt, and be able to demonstrate its attempts, to enter into a cooperation agreement with the holder(s) of any overlapping title(s). The cooperation agreement should address but not be limited to issues such as:</p> <ul style="list-style-type: none"> • access arrangements • operational interaction procedures • dispute resolution • information exchange • well location • timing of drilling • potential resource extraction conflicts; and • rehabilitation issues. 	Not triggered		<p>Site comms, not triggered.</p>										

Audit Period:

Summaries

3	Compliant
4	Not triggered
0	Non-compliant
7	Total

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

ML 334 - Area surrounding the pit top (including emergency coal stockpile)
(variation effective from 17 October 2022)



33.3 ha

Condition Number	Condition	2025 Compliance Status	2025 Source of Evidence	2025 Finding	2025 Recommended Action									
Notice to Landholders														
1	<p>(a) Within 90 days from the date of grant or renewal of this mining lease, the lease holder must give each landholder notice in writing:</p> <p>(i) that this mining lease has been granted or renewed; and</p> <p>(ii) whether the lease includes the surface.</p> <p>The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area.</p> <p>(b) If there are ten or more landholders to which notice must be given, the lease holder will be taken to have complied with condition 1(a) if a notice complying with condition 1(a) is published in a newspaper circulating in the region where the lease area is situated.</p>	Not triggered												
Group Security														
2	<p>The security deposit to be provided and maintained for this mining lease is part of a group security deposit. The lease holder is required to provide and maintain a security deposit to secure funding for the fulfilment of obligations under the mining leases covered by the group security deposit, including obligations under each mining lease that may arise in the future.</p> <p>The amount of the security deposit to be provided as a group security deposit has been assessed at \$10,649,000.</p> <p>The leases covered by the group security include this MPL 334 (1973) and:</p> <table border="1"> <thead> <tr> <th>Lease type</th> <th>Lease Number</th> <th>Act Year</th> </tr> </thead> <tbody> <tr> <td>ML</td> <td>1370</td> <td>1992</td> </tr> <tr> <td>ML</td> <td>1632</td> <td>1992</td> </tr> </tbody> </table>	Lease type	Lease Number	Act Year	ML	1370	1992	ML	1632	1992	Compliant	Group Security letter - 9/5/2025.	Security is \$8,372,000.	
Lease type	Lease Number	Act Year												
ML	1370	1992												
ML	1632	1992												
Cooperation Agreement														
3	<p>The lease holder must make every reasonable attempt, and be able to demonstrate its attempts to the satisfaction of the Secretary, to enter into a cooperation agreement with the holder(s) of any overlapping authorisations issued under the <i>Mining Act 1992</i> and petroleum titles issued under the <i>Petroleum (Onshore) Act 1991</i>. The cooperation agreement should address but not be limited to:</p> <ul style="list-style-type: none"> • access arrangements • operational interaction procedures • dispute resolution • information exchange • well location • timing of drilling • potential resource extraction conflicts; and • rehabilitation issues. 	Not triggered		Based on site communications.										
Special Conditions														
	Nil													

Audit Period:

21 June 2022 (last day of previous Audit) to 04 June 2025 (Last day of the site inspection)

Summaries:

1	Compliant
2	Not triggered
0	Non-compliant
3	Total





**APPENDIX C. DECLARATION OF
INDEPENDENCE (PRIOR TO
THE AUDIT)**

Declaration of Independence – Independent Environmental Audit

Independent Audit Certification Form	
Project Name	Centennial Myuna Independent Environmental Audit
Consent No.	Project Approval 10_0080
Description of Project	Independent Environmental Audit for Myuna
Project Address	Centennial Coal, 14 Summerhill Drive, Wangi Wangi, NSW 2267
Proponent	Centennial Myuna Pty Ltd
Date	28/04/2025

I declare that:

- i. I am not related to any proponent, owner, operator or other entity involved in the delivery of the project. Such a relationship includes that of employer/employee, a business partnership, sharing a common employer, a contractual arrangement outside an Independent Audit, or that of a spouse, partner, sibling, parent, or child;
- ii. I do not have any pecuniary interest in the project, proponent or related entities. Such an interest includes where there is a reasonable likelihood or expectation of financial gain (other than being reimbursed for performing the audit) or loss to the auditor, or their spouse, partner, sibling, parent, or child;
- iii. I have not provided services (not including independent reviews or auditing) to the project with the result that the audit work performed by themselves or their company, except as otherwise declared to the Department prior to the audit;
- iv. I am not an Environmental Representative for the project; and
- v. I will not accept any inducement, commission, gift or any other benefit from auditee organisations, their employees or any interested party, or knowingly allow colleagues to do so.

Lead Auditor	
Name	Chris Jones
Signature	
Email	chris.jones@iema.com.au
Auditor Certification	Principal Environmental Auditor
Address	IEMA 41 Llewellyn Street Merewether NSW
Date	28/04/2025
Assistant Auditor 1	
Name	David Price
Signature	
Address	IEMA, 41 Llewellyn Street Merewether NSW
Email	david.price@iema.com.au
Date	28/04/2025



APPENDIX D. DPHI ENDORSEMENT OF THE AUDIT TEAM

NSW Planning ref: MP10_0080-PA-43

Kieran Fiatarone
Environment and Community Officer
Centennial Myuna Pty Limited
PT MYUNA COLLIERY 14 SUMMERHILL DRIVE
WANGI WANGI 2267
05/05/2025

Sent via the Major Projects Portal only

Subject: Myuna Coal - Auditor Endorsement Request

Dear Mr Fiatarone,

I refer to your request for the Planning Secretary's approval of suitably qualified, experienced, and independent persons to conduct an Independent Audit of Myuna Coal, submitted as required by Schedule 5, Condition 9 of MP10_0080 as modified (the consent) to NSW Department of Planning, Housing and Infrastructure (NSW Planning) on 29 April 2025.

NSW Planning has reviewed the independent auditor nominations and based on the information you have provided is satisfied that the proposed person/s are suitably qualified, experienced, and independent.

Consequently, as nominee of the Planning Secretary, I endorse the following independent audit team:

- Mr Chris Jones – Lead Auditor
- Mr David Price – Auditor Assistant

Please ensure this correspondence is appended to the Independent Audit Report.

The Independent Audit must be prepared, undertaken, and finalised in accordance with the conditions of consent and the *Independent Audit Post Approval Requirements (2020)*. Failure to meet these requirements will require revision and resubmission.

NSW Planning reserves the right to request an alternate auditor or audit team for future audits.

Please note, the Lead Auditor must attend the site inspection/s. The dates for this audit period will be the 21 June 2022 up until the site inspection, no later than 20 June 2025.

Should you wish to discuss the matter further, please contact Laura Gothard, Senior Compliance Officer on 0484 269 988 or email compliance@planning.nsw.gov.au

Yours sincerely

A handwritten signature in black ink that reads "H Watters".

Heidi Watters
Team Leader
Compliance

As nominee of the Planning Secretary



APPENDIX E. RECORDS OF CONSUTLATION

RE: Request for Consultation - Myuna Coal (MP10_0080) Independent Environmental Audit 2025

From Laura Gothard <laura.gothard@dpie.nsw.gov.au>

Date Thu 5/8/2025 10:37 AM

To David Price <david.price@iema.com.au>

Hi David,

Could you please reach out to:

- Resource Regulator (RR) for comment in relation to rehabilitation and/or relevant management plan/monitoring program in which consultation with RR was required.
- Fisheries NSW for comment in relation to any management plan/monitoring program in which consultation with Fisheries NSW was required.
- Lake Macquarie Council (Compliance) for general comment.
- Central Coast Council (Compliance) for general comment
- The Community Consultative Committee

NSW Planning have no additional requirement other than to carry out the IEA in accordance with IAPAR 2020 and the conditions of consent.

Kind Regards,

Laura Gothard
Senior Compliance Officer

Development Assessment and Sustainability | Department of Planning, Housing and Infrastructure
T 02 6575 3403 | M 0484 269 988 | E laura.gothard@dpie.nsw.gov.au

From: David Price <david.price@iema.com.au>

Sent: Wednesday, 7 May 2025 10:01 AM

To: Laura Gothard <laura.gothard@dpie.nsw.gov.au>

Cc: DPE PSVC Compliance Mailbox <compliance@planning.nsw.gov.au>; Chris Jones <chris.jones@iema.com.au>

Subject: Request for Consultation - Myuna Coal (MP10_0080) Independent Environmental Audit 2025

Good morning Laura,

Integrated Environmental Management Australia Pty Ltd (IEMA) have been approved to conduct the Independent Environmental Audit (IEA) for Myuna Coal (MP10_0080) (<https://www.planningportal.nsw.gov.au/major-projects/projects/myuna-coal-mine-mod-3-rehabilitation-reforms>).

As per the attached, the audit team were endorsed on 05 May 2025 and include:

- Chris Jones as Lead Auditor
- David Price as Assistant Auditor

The audit team will complete the IEA in accordance with Schedule 5 Condition 9 of MP10_0080 and the *Independent Audit Post Approval Requirements* (2020). The audit period is 21 June 2022 (the day following the previous IEA audit period) to the final day of the site inspection (scheduled for 04 June 2025).

As part of the audit, the audit team will be assessing compliance against the MP10_0080 Consolidated Approval, relevant Statement of Commitments, Environmental Protection Licence (EPL) and Mining Leases.

As per Section 3.2 of the Independent Audit Post Approval Requirements (see attached), **can I please confirm what agencies the Department would like consulted for this IEA?**

Secondly, can I please request the Department's feedback on the project and/or any key aspects the Department would like reviewed as part of the IEA?

If you would like to discuss the scope or consultation requirements in more detail, please do not hesitate to contact myself or Chris Jones (0401 800 918).

If we could please receive any feedback within the next two weeks (21 May 2025) that would be much appreciated, but please let me know if you need additional time.

Kind regards,

David Price
Senior Environmental Consultant



ABN 32 622 237 870

PO Box 3161,

Ground Floor, 41 Llewellyn Street,

MEREWETHER NSW 2291 AUSTRALIA

e: david.price@iema.com.au

m: 0432 363 336 | w: www.iema.com.au



IEMA IS CARBON NEUTRAL

Sustainability is one of IEMA's core values and NetNada was proud to award them with NetNada Carbon Neutral Certification for their environmental sustainability efforts.



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28 May 2025

Mr David Price
IEMA Pty Ltd
PO Box 3161
Merewether NSW 2291
By Email: David.price@iema.com.au

Re: Centennial Myuna Colliery Mine – Independent Environmental Audit

Dear Mr Price,

Thank you for your email dated 12 May 2025 (our reference: AREQ0064300) requesting consultation on the independent audit to be undertaken of the Centennial Myuna Colliery which is covered by mining leases ML1370 (1992), ML1531 (1992), ML1632 (1992), ML1880 (1992) and MPL334 (1973).

The independent environmental audit should provide an assessment of compliance with the requirements of Schedule 8A Standard conditions of mining leases, Part 2 Standard conditions, as set out in the Mining Regulation 2016.

The audit should note observations where rehabilitation procedures, practices and outcomes represent best industry practice. It would be appreciated if a copy of the final audit report could be sent to the Regulator at info@sys.resources.nsw.gov.au upon completion of the audit.

Sincerely

Jenny Ehmsen
Principal Compliance Auditor
NSW Resources Regulator

Automatic reply: Centennial Myuna IEA - Guidance and Consultation Query

From Council Council <council@lakemac.nsw.gov.au>

Date Mon 5/12/2025 10:39 AM

To David Price <david.price@iema.com.au>

Thank you for contacting Lake Macquarie City Council. Our hours of operation are 8am-5pm, Monday to Friday.

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Response: Centennial Myuna IEA - Guidance and Consultation Query

From Peter Sheath <Peter.Sheath@centralcoast.nsw.gov.au>

Date Tue 5/13/2025 3:28 PM

To David Price <david.price@iema.com.au>

Hi David

Central Coast Council has no feedback, given that this activity is proposed outside of our Local Government Area.

Regards



Peter Sheath

Section Manager
Bushfire and Flood Risk Management
Central Coast Council

 [0401 701 139](tel:0401701139)

 Peter.Sheath@centralcoast.nsw.gov.au

 P.O. Box 20 Wyong, NSW 2259

 [Council on LinkedIn](#)

"We acknowledge the Traditional Custodians of the land on which we live, work and play. We pay our respects to Darkinjung country, and Elders past and present. We recognise the continued connection to these lands and waterways and extend this acknowledgement to the homelands and stories of those who also call this place home. We recognise our future leaders and the shared responsibility to care for and protect our place and people."

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From: David Price <david.price@iema.com.au>

Sent: Monday, 12 May 2025 9:27 AM

To: Central Coast Council <Ask@centralcoast.nsw.gov.au>

Cc: Chris Jones <chris.jones@iema.com.au>

Subject: Centennial Myuna IEA - Guidance and Consultation Query

[EXTERNAL EMAIL] Do not click any links or attachments unless you have checked the sender and trust the content is safe. If you are unsure, please report this to I&T Service Desk via the Portal.

Good morning Central Coast Council,

This email has been prepared seeking feedback into the 2025 Independent Environmental Audit (IEA) for Centennial Myuna (PA 10_0080). The IEA will be completed in accordance with Schedule 5 Conditions 9 -10 of PA 10_0080 (as modified) and will also include:

- The relevant Statement of Commitments,
- Environmental Protection Licence (EPL) 366 and
- Applicable Mining Leases (ML) ML 1632, ML 1370, ML 1880 and MPL 334.

The IEA will cover the three year period from 21 June 2022 (day after the last IEA was completed) to 4 June 2025 (last day of 2025 field inspection). As part of the IEA, a field inspection will be undertaken on 3-4 June 2025.

The audit team (letter attached) was endorsed by the Department of Planning, Housing and Infrastructure (the DPHI) on 5 May 2025, and comprises:

- Chris Jones (Principal Environmental Consultant – IEMA) – Lead Auditor
Email: chris.jones@iema.com.au
Ph: 0401 800 918
- David Price (Senior Environmental Consultant – IEMA) – Auditor
Contact details below

The Audit team is seeking feedback regarding activities during the IEA period, with this being a requirement of the DPHI Audit Guidelines (2020). Please send an email with any feedback you have about the sites or areas that you would like reviewed.

If you would prefer to have your input kept confidential, please call Chris on the above number and the queries will be assessed in the IEA but not attributed to you or your organisation.

Kind regards,

David Price

Senior Environmental Consultant



ABN 32 622 237 870

PO Box 3161,

Ground Floor, 41 Llewellyn Street,

MEREWETHER NSW 2291 AUSTRALIA

e: david.price@iema.com.au

m: 0432 363 336 | w: www.iema.com.au



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APPENDIX F. INDEPENDENT AUDIT REPORT DECLARATION FORM

Independent Audit Report Declaration Form	
Project Name	Myuna Independent Environmental Audit (2025)
Consent Number	Project Approval PA 10_0080
Description of Project	Independent Environmental Audit for Myuna Colliery
Project Address	Wangi Point Rd, Wangi Wangi, NSW, 2267
Proponent	Centennial Coal
Title of Audit	Independent Environmental Audit 2025 – Centennial Myuna
Date	14/08/2025
<p>I declare that I have undertaken the Independent Audit and prepared the contents of the attached Independent Audit Report and to the best of my knowledge:</p> <p>i. the audit has been undertaken in accordance with relevant condition(s) of consent and the Independent Audit Compliance Requirements (Department 2020);</p> <p>ii. the findings of the audit are reported truthfully, accurately, and completely;</p> <p>iii. I have exercised due diligence and professional judgement in conducting the audit;</p> <p>iv. I have acted professionally, objectively and in an unbiased manner;</p> <p>v. I am not related to any proponent, owner, or operator of the project neither as an employer, business partner, employee, or by sharing a common employer, having a contractual arrangement outside the audit, or by relationship as spouse, partner, sibling, parent, or child;</p> <p>vi. I do not have any pecuniary interest in the audited project, including where there is a reasonable likelihood or expectation of financial gain or loss to me or spouse, partner, sibling, parent, or child;</p> <p>vii. neither I nor my employer have provided consultancy services for the audited project that were subject to this audit except as otherwise declared to the Department prior to the audit; and</p> <p>viii. I have not accepted, nor intend to accept any inducement, commission, gift, or any other benefit (apart from payment for auditing services) from any proponent, owner or operator of the project, their employees, or any interested party. I have not knowingly allowed, nor intend to allow my colleagues to do so.</p> <p>Notes:</p> <p>a) Under section 10.6 of the Environmental Planning and Assessment Act 1979 a person must not include false or misleading information (or provide information for inclusion in) in a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is false or misleading in a material respect. The proponent of an approved project must not fail to include information in (or provide information for inclusion in) a report of monitoring data or an audit report produced to the Minister in connection with an audit if the person knows that the information is materially relevant to the monitoring or audit. The maximum penalty is, in the case of a corporation, \$1 million and for an individual, \$250,000; and</p> <p>b) The Crimes Act 1900 contains other offences relating to false and misleading information: section 307B (giving false or misleading information – maximum penalty 2 years imprisonment or 200 penalty units, or both)</p>	
Name of Lead Auditor	Chris Jones
Signature	
Qualification	Principal Auditor (Environmental Management Systems Auditor) Exemplar Global
Company	IEMA
Company Address	41 Llewellyn Street Merewether NSW 2291
Name of Assistant Auditor	David Price
Signature	
Company	IEMA
Company Address	41 Llewellyn Street Merewether NSW 2291