INTEGRATED ENVIRONMENTAL MANAGEMENT AUSTRALIA

Independent Environmental Audit 2025

Springvale Colliery

Prepared for:

Centennial Coal

Wallerawang NSW 2845

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CONTENTS

Document verification ..... **i**
Executive Summary ..... **iv**
1. Introduction **1**
1.1. Background *1*
1.2. IEA Scope *1*
1.3. Key Site Contacts *4*
1.4. IEA Methodology *4*
1.4.1. Field Inspection 5
1.5. Consultation Requirements *6*
1.6. Statement of Independence *9*
2. Documents Reviewed and Referenced **10**
3. Assessment of compliance **11**
4. Approvals and documentation **12**
4.1. Previous IEA Recommendations *12*
4.2. SSD-5594 ..... *14*
4.3. Environment Protection Licence *14*
4.4. Management Plans and Programs *14*
4.5. Extraction Plan and Underground Mining Areas *19*
4.6. Mining Leases *20*
4.7. Water Access Licences *20*
4.8. Complaints *23*
4.9. Reportable Environmental Incidents and Non-Compliances *23*
4.10. Comparison Against Predictions *27*
5. IEA Findings – Summary of non-compliances **28**
6. Additional recommended actions **38**
7. Conclusion and Positive environmental management **39**
7.1. General Compliance Summary *39*
7.2. Positive Environmental Performance *39*

TABLES

Table 1 - Key Site Contacts 4
Table 2 - Meeting Attendees 5
Table 3 - Stakeholder Consultation for the IEA 6
Table 4 - Compliance Assessment Criteria 11
Table 5 - Non-Compliance Action Status (from 2024 Annual Review) 12
Table 6 - Approved Management Plans 15
Table 7 Water Take During the IEA Period 22
Table 8 - Number of Complaints Since Last IEA 23
Table 9 - Incidents Within the IEA Period (Based on the Annual Reviews) 24
Table 10 - Summary of Non-Compliances Within the IEA period 29
Table 11 - Additional Recommendations 38

FIGURES

Figure 1 – Centennial Springvale Regional Locality 3

APENDICES

Appendix A – Photographs
Appendix B – Compliance Spreadsheet
Appendix C – Declaration of Independence (Prior to Audit Commencing)
Appendix D – DPHI Endorsement of the IEA Team
Appendix E – Records of Consultation
Appendix F – Independent Audit Report Declaration Form

EXECUTIVE SUMMARY

Integrated Environmental Management Australia (IEMA) was engaged by Springvale Coal Pty Ltd (Springvale Coal) to conduct an Independent Environmental Audit (IEA) of the Springvale Colliery (Springvale). Springvale is an existing underground coal mine producing high quality thermal coal which is supplied to both domestic and international markets. It is located 15 kilometres to the northwest of the regional city of Lithgow and 120 kilometres west-northwest of Sydney in New South Wales (NSW).

This IEA has been prepared to satisfy the requirements of the following approvals and guidelines:

- Schedule 6, Condition 13 of SSD-5594 (Modification 4); and
- *Independent Audit Post Approval Requirements* (DPHI, 2020).

The IEA period is 9 August 2022 (day after the 2022 IEA) to 19 June 2025 (Day 3 of the 2025 IEA). The Department of Planning, Housing and Infrastructure (DPHI) endorsed the following IEA team in the letter dated 20 February 2025:

- Chris Jones (Principal Consultant, IEMA) as Lead Auditor,
- Jordan Murray (Associate Consultant, IEMA) as Auditor.

The audit team visited the site on 17 June 2025, 18 June 2025 and 19 June 2025 to complete a site inspection and verify field components of the audit.

The audit reviewed the consents and associated Statement of Commitments (SOC), Environment Protection Licence (EPL), mining tenements, Water Access Licences, Environmental Management Plans, and the status of previous IEA recommendations. A summary of the audit outcomes is provided in **Table A.**

Table A – IEA Compliance Summary

Compliance Status	SSD-5594	SOC	EPL 3607	Mining Act	Mining Leases (all)	Total
Compliant	**73**	**13**	**58**	**34**	**27**	**205**
Not Triggered	**12**	**2**	**8**	**12**	**35**	**69**
Non-Compliance	**1**	**0**	**4**	**4**	**0**	**9**
Total	**85**	**15**	**70**	**50**	**62**	**283**

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

1. INTRODUCTION

1.1. Background

Springvale Coal Pty Ltd (Springvale Coal), a subsidiary of Centennial Coal Company Pty Ltd, operates Springvale Colliery (Springvale), an existing underground coal mine approximately 15 km northwest of Lithgow and 120 km west-northwest of Sydney New South Wales (NSW) (refer **Figure 1**).

Springvale currently has approval to continue underground coal mining operations within the Lithgow Seam at rates up to 5.5 Million tonnes per annum (Mtpa) until 31 December 2028. Springvale comprises an underground longwall mine, the pit top, and supporting infrastructure on Newnes Plateau within the Newnes State Forest.

In summary the project includes:

- Continued longwall mining operations to extract up to 5.5 million tonnes per annum (Mtpa) of run-of-mine (ROM) coal from the Lithgow Seam.
- Continued operation of the mine's pit top area, support facilities and utilities.
- Continued processing (sizing and screening) of ROM coal at the pit top area.
- Continued stockpiling of ROM coal (200,000 tonnes (t) capacity).
- Continued transportation of processed coal by overland conveyor to Centennial's Western Coal Services site (WCSS) for further processing or to the Mt Piper Power Station.
- Continued transportation of processed coal by road haulage to other local domestic customers (limited to 50,000 tpa).
- Rehabilitation of the pit top area and Newnes Plateau surface infrastructure sites.

Development consent SSD-5594 was granted by the Planning & Assessment Commission (PAC) (now the Independent Planning Commission – NSW (IPC-N)) on 21 September 2015 for the Springvale Mine Extension Project. As per Condition 10 of Schedule 2 of SSD-5594 Springvale Coal was required to surrender all existing development consents within 12 months, however due to the large number of landholders needing to sign an agreement the Department of Planning, Industry and Environment (DPIE, now DPHI) granted an extension for the surrender of DA 11/92 until 19 September 2023. DA 11/92 was surrendered 6 July 2023.

1.2. IEA Scope

IEMA was engaged to prepare this IEA for Springvale Colliery to address the requirements of Schedule 6, Conditions 13-14 of SSD-5594. The Audit period is from 9 August 2022 (day after the 2022 IEA) to 19 June 2025 (Day 3 of the 2025 IEA). The Department of Planning, Housing and Infrastructure (DPHI) endorsed the following IEA team in the letter dated 20 February 2025 (refer **Appendix D**):

- Chris Jones (Principal Consultant, IEMA) as Lead Auditor.
- Jordan Murray (Associate Consultant, IEMA) as Auditor.

The IEA assessed the following approvals and documentation:

- SSD-5594 (including associated Management Plans).
- SSD-5594 Statement of Commitments.
- EPL 3607.
- Mining tenements:

    - Mining Lease (ML) 1303.
    - ML 1323.
    - ML 1326.
    - ML 1537.
    - ML 1588.
    - ML 1670.
    - ML 1727.
    - ML 1843.
    - Mining Purposes Lease (MPL) 314.
- Mining Amendment (Standard Conditions of Mining Leases – Rehabilitation) Regulation 2021.
- Water Access Licences (extraction volumes only).
- Status of previous IEA recommendations.

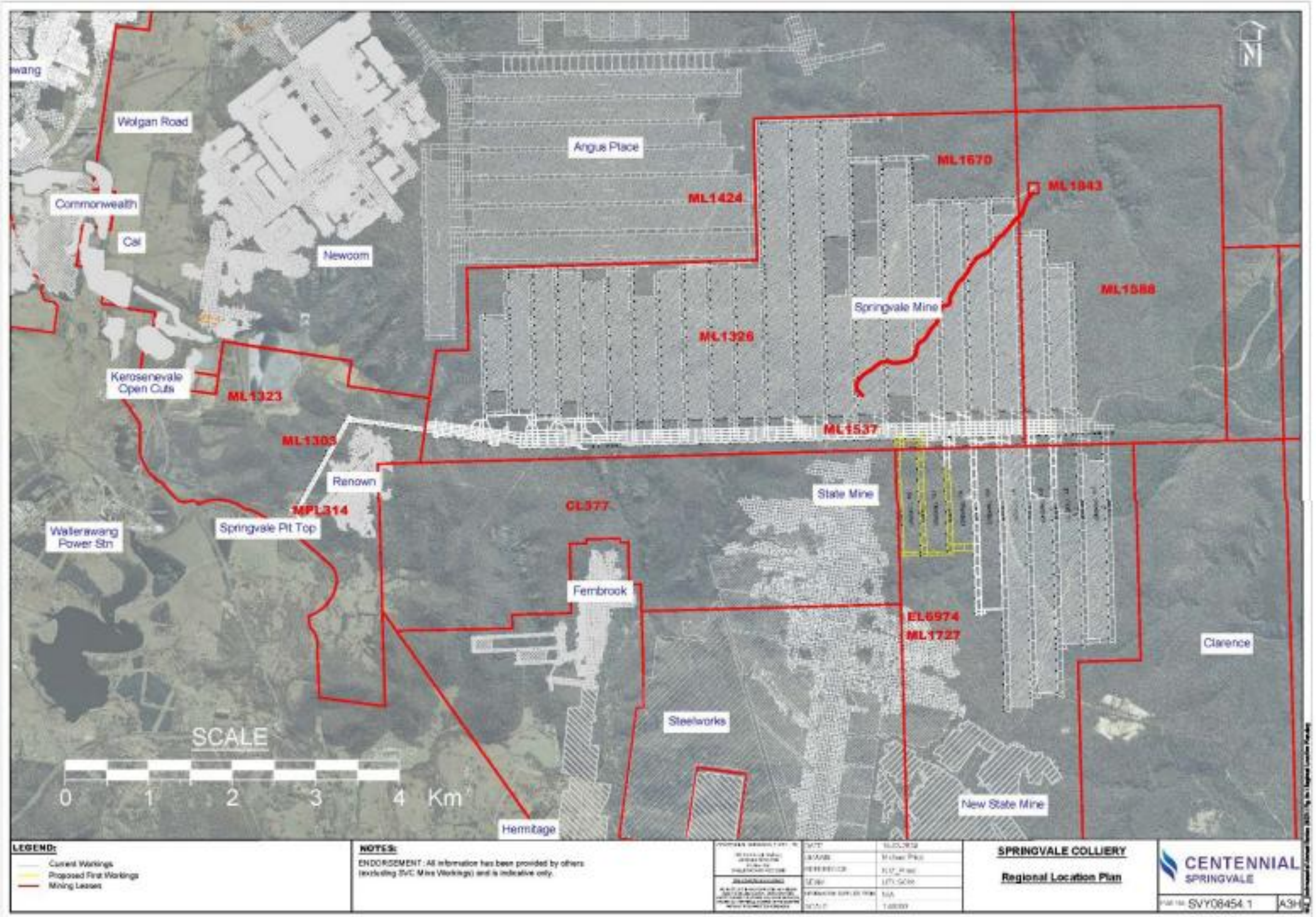

Figure 1 – Centennial Springvale Regional Locality

1.3. Key Site Contacts

The main Centennial contacts for this IEA are provided in **Table 1**. Other Centennial personnel who contributed to the IEA are included in **Section 1.4**.

Table 1 - Key Site Contacts

Name and Position	Contact Details
Veronica Howat – Centennial Environmental Risk and Compliance Specialist	E: veronica.howat@centennialcoal.com.au M: +61 (0) 4 2843 8792
Natalie Gardiner – Centennial Environmental and Community Superintendent	E*:* natalie.gardiner@centennialcoal.com.au M*:* +61 (0) 4 5742 6718

1.4. IEA Methodology

The IEA has been completed as per the *Independent Audit Post Approval Requirements* (IAPAR) (DPHI, 2020). The site component of the IEA occurred on 17 June 2025, 18 June 2025, and 19 June 2025. Chris Jones and Jordan Murray were present onsite over these three 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 IAPAR (DPHI, 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 Audit.
- Consultation with relevant government agencies as per the IAPAR (DPHI, 2020) requirements prior to the site component.
- Onsite meeting with key Centennial personnel (**Table 2**).
- Site component of the IEA including a field inspection.
- Prior to the site inspection 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.
- One round of client review and comment were received on the draft IEA report, prior to finalisation.

Table 2 - Meeting Attendees

Name	Role and Company
Opening Meeting (2 April 2025)	
Chris Jones	Principal Consultant, IEMA, Lead Auditor
Jordan Murray	Associate Consultant, IEMA, Assistant Auditor
Natalie Gardiner	Environmental and Community Superintendent, Centennial
Veronica Howat	Environmental Risk and Compliance Specialist, Centennial
Stephanie Thomas	Environment and Community Coordinator Trainee, Centennial
Closing Meeting (10 April 2025)	
Chris Jones	Principal Consultant, IEMA, Lead Auditor
Jessica Coffey	Associate Consultant, IEMA, Assistant Auditor
Natalie Gardiner	Environmental and Community Superintendent, Centennial
Veronica Howat	Environmental Risk and Compliance Specialist, Centennial
Stephanie Thomas	Environment and Community Coordinator Trainee, Centennial

1.4.1. Field Inspection

Chris Jones (Lead Auditor) and Jordan Murray (Auditor) completed a site inspection on 17 June 2025, 18 June 2025 and 19 June 2025 to verify field components of the IEA. Areas visited included the pit top area, support facilities and utilities.

Section 5 and **6** outlines non – compliances and improvement recommendations.

1.5. Consultation Requirements

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

Table 3 - Stakeholder Consultation for the IEA

Regulator	Contact	Comment from Stakeholder	IEA Team Response
Consultive Community Committee (CCC)	Deborah Palmer	Email response dated 1 July 2025 advised that the CCC had no issues regarding the audit.	No additional comment.
Department of Planning, Housing and Infrastructure (DPHI)	Georgia Dragicevic	Email response received 10 June 2025 advised DPHI had no issues regarding the audit. DPHI confirmed the list of regulators proposed for consultation, and asked IEMA to review the consent for any additional relevant stakeholders.	IEMA reviewed the consent and found no additional stakeholders to consult with regarding the IEA.
Environmental Protection Agency (EPA)	Lucy Apps	Email response received 14 July 2025 advised the EPA was seeking information regarding the Water Management Plan around the fire dam which is also listed as a discharge point and surface water run-off dam. Clarification of it’s actual purpose and use was requested.	Based on site discussions, field inspections, and water management plans, IEMA understands that the Fire Dam acts as a mine water storage dam, and has clean water diversions. The Fire Dam supplies onsite water usage. Overflows from the Fire Dam report to LDP006 via the clean water northern diversion.

Regulator	Contact	Comment from Stakeholder	IEA Team Response
WaterNSW	Rizwana Rumman	Email response received 8 July 2025 with WaterNSW requesting the IEA assess water management at the site to ensure the measures described in the Water Management Plan and the Upper Coxs River Action and Monitoring Plan were adequately implemented and that NorBE has been met during the audit period. As previously mentioned in the respose to Springvale Mine's Water Management Plan review, WaterNSW also requests that the IEA look into the following: • a review of the current status and reporting mechanisms of the Upper Coxs River Action & Monitoring Plan • a review of the Regional Water Quality Impact Assessment Model (required as per Schedule 4, Condition 14 (d)(ii)) • review of increase of groundwater inflows compared to the 2016 Water Management Plan, including more detail about the inflows from the State Mine workings to Springvale Mine and why these weren't considered in previous modelling • review of average daily discharges from LDP006 for the reporting period in light of higher-than-average rainfall in recent years including why the risk of future exceedances were considered unlikely during the continued operations of the mine as suggested in the updated Water Management Plan.	IEMA reviewed all Springvale Colliery water conditions contained in the documents listed in Section 1.2 and provided a summary of compliance against these conditions in Section 5. Modelling inputs or specific contributors to groundwater inflows are beyond the scope of this IEA. However, it is noted that Centennial Springvale received these comments during consultation for the updated Water Management Plan. While not yet approved, IEMA has reviewed these responses and considers them satisfactory.
Lithgow City Council (LCC)	Lauren Stevens	Email response received 25 June 2025 advised LCC had no issues regarding the audit.	No additional comment.

Regulator	Contact	Comment from Stakeholder	IEA Team Response
Resources Regulator (RR)	Jenny Ehmsen	Letter received on 4 July 2025 advised 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 upon completion of the audit. The RR also requested the audit consider several mining leases.	Rehabilitation has been assessed as part of the audit. All mining leases requested by the RR were reviewed with the exception of CL377, ML1352 and ML1424 as these mining leases did not belong to Centennial Springvale or were not in use during the audit period. See **Appendix B** for full assessment of compliance.
Biodiversity Conservation Division (BCD)	Samantha Wynn	Email forwarded to CPHR team at rog.nw@environment.nsw.gov.au, no response was received.	No additional comment.
National Resource Access Regulator (NRAR)	General enquiry contact line	No response was received.	No additional comment.

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.

A Declaration of Independence (refer **Appendix C**) was submitted to DPHI and the proposed IEA team was subsequently endorsed by DPHI in a letter dated 20 February 2025 (**Appendix D**).

2. DOCUMENTS REVIEWED AND REFERENCED

Key documentation reviewed as part of the IEA includes:

- Annual Reviews.
- Environmental Management Strategy and associated management plans.
- Extraction Plans and associated management plans.
- Various site procedures and checklists.
- Monitoring results for meteorological, noise, air quality, and water – including real time results where available.
- Consultation evidence from regulators, including approval letters and responses to exceedances/non-compliances.
- EPL Annual Returns across the IEA period.
- Rehabilitation Cost Estimate.
- Maintenance and calibration records, and evidence of training/inductions.
- Various technical reports.
- Incident records and notifications.
- Complaints log.
- Construction certificates and Construction Environmental Management Plans.
- CCC Meeting Minutes – throughout the IEA period.

Centennial Springvale has developed and implemented a Compliance Database which is used as the primary tool for tracking compliance with regulatory approvals. It includes action dates and responsibilities, and has documents attached to conditions where relevant or links to verification. The Compliance Database was used as a key tool for the provision of evidence of compliance during this IEA.

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 a requirement of the IAPAR (DPHI, 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

The Annual Reviews include an update on outstanding actions from the 2022 IEA. The status of these actions as at the end of 2024 are detailed in **Table 5**.

Table 5 - Non-Compliance Action Status (from 2024 Annual Review)

SSD-5594 Schedule / Condition Reference	IEA Recommendation	Springvale Proposed Actions	Completion Date	Action Status
S4C7	**IMP REC 7:** Air Quality and Greenhouse Gas Management Plan should be updated to include the current monitoring status as per Table 3 of the current plan (i.e. short term monitoring should be removed).	**SV IMP REC 7:** The Air Quality and Greenhouse Gas Management Plan to be updated for the following: • The current monitoring status as per Table 3 of the current plan (i.e. short term monitoring should be removed). • Table 5.1 of TARP in the AQMP to include triggers and actions relating to real time dust levels. Current triggers need to be updated to **address nuisance triggering (e.g. insects).**	**SV IMP REC 7:** 28 February 2023	The Revised WR AQMP was approved in 2024.
S4C12	**IMP REC 11:** Update to Figure 3.2 Site Catchment Plan to correspond with Dirty Water Clean Water Catchments to site.	**SV IMP REC 10:** The Water Management Plan is to be updated for the following: • Figure 3.2 Site Catchment Plan to correspond with Dirty Water and Clean Water Catchments onsite • Include the catchment which runs into the Oily Water Separator (i.e. from maintenance area and lower hardstand areas) • Figures 3.4 to be updated to include catchment **and pipeline links from water separator**	**SV IMP REC 10:** 28 February 2023	Revised WMP submitted 30 June 2023 and under assessment.
	IMP REC 12: Water Management Plan to be updated to include the catchment which runs into Oily Water Separator (i.e. from maintenance area and lower hardstand areas).	See **SV IMP REC 10** above.	See **SV IMP REC 10** above.	See **SV IMP REC 10** above.

SSD-5594 Schedule / Condition Reference	IEA Recommendation	Springvale Proposed Actions	Completion Date	Action Status
	IMP REC 13: Figure 3.4 in the Water Management Plan should be updated to include catchment and pipeline links from oily water separator to secondary pond.	See **SV IMP REC 10** above.	See **SV IMP REC 10** above.	See **SV IMP REC 10** above.
	IMP REC 14: Water Management Plan should be updated to include details of channel stability.	See **SV IMP REC 10** above.	See **SV IMP REC 10** above.	See **SV IMP REC 10** above.
	IMP REC 17 Implement water management recommendations within the Springvale Surface Stability Review 2021.	**SV IMP REC 13:** Implement water management recommendations within **the Springvale Surface Stability Review 2021 and 2022.**	**SV IMP REC 13:** 28 April 2023	To be considered 2025 monitoring
S4C18	**IMP REC 22:** Fencing was observed to be down around biodiversity conservation area near top dam and should be repaired.	**SV IMP REC 18:** Repair the fencing around the biodiversity conservation area near the top dam.	**SV IMP REC 18:** 28 August 2023	Temporary repairs complete.
S4C27	**IMP REC 25:** Review materials onsite to ensure that all materials are required and improve general housekeeping i.e. older materials and wooden pallets that are not needed to be sorted onsite and general waste to be better managed to avoid litter flowing into offset areas.	**SV IMP REC 21:** Undertake a housekeeping audit to determine waste that can be sorted and / or removed from the site.	**SV IMP REC 21:** 28 April 2023	Ongoing - Springvale will continue to review housekeeping practices.
	IMP REC 27: Documentation should be improved relating to the implementation of the of EAMSIMP, with this including inspections, management of topsoil during clearing activities and final rehabilitation records.	**SV IMP REC 23:** Procedures to be updated to ensure alignment with the requirements of the EAMSIMP. This is to include improved record keeping for inspections, management of topsoil during clearing activities and final rehabilitation records.	**SV IMP REC 23:** 28 August 2023	Ongoing - Springvale will continue to utilise the Land disturbance permit process. Requirements vary between projects.

SSD-5594 Schedule / Condition Reference	IEA Recommendation	Springvale Proposed Actions	Completion Date	Action Status
S4C28	**IMP REC 27:** Documentation should be improved relating to the implementation of the of EAMSIMP, with this including inspections, management of topsoil during **clearing activities and final rehabilitation records.**	**SV IMP REC 23:** Procedures to be updated to ensure alignment with the requirements of the EAMSIMP. This is to include improved record keeping for inspections, management of topsoil during clearing activities andfinal rehabilitation records.	**SV IMP REC 23:** 28 August 2023	Ongoing - Springvale will continue to utilise the Land Disturbance permit process. Requirements vary between projects.

4.2. SSD-5594

SSD-5594 was assessed in the IEA including the associated Statement of Commitments.

Non-compliances identified and additional recommendations relating to SSD-5594 are outlined in **Section 5** and **6**, with compliance against every condition included in **Appendix B.**

4.3. Environment Protection Licence

Centennial Springvale operates under EPL 3607, which has an anniversary date of 1 January. Non - compliances and recommendations relating to EPL 3607 are outlined in **Section 5** with compliance against every condition included in **Appendix B**.

4.4. Management Plans and Programs

Centennial Springvale operates under several different management plans, as outlined in the Environmental Management Strategy (January 2024). Some are regional management plans that cover all of Centennials Western Region Operations and some are site-specific. The approved management plans required by SSD-5594 that were reviewed as part of this audit are summarised in **Table 6,** with compliance assessed in **Appendix B**.

Table 6 - Approved Management Plans

Development Consent Condition	Management Plan	Document Date	Summary of Management Plan	Compliance Assessment
Schedule 3 Condition 10	Extraction Plan (LW428-432)	March 2021	Covers the next stage of mining — Longwalls 428 to 432 — and explains how the Centennial will mine coal safely while protecting the environment and local infrastructure. The plan sets out predicted ground movement (subsidence) from mining, the possible effects on swamps, streams, cliffs, heritage sites and utilities, and how these risks will be monitored and managed. It was prepared with input from government agencies, the Independent Monitoring Panel, and local stakeholders. The plan includes detailed monitoring programs, trigger action response plans, and contingency measures to ensure that any impacts are identified early and addressed through remediation or adaptive management.	Compliant. This document has been prepared as required. Implementation was assessed in terms of the management, documentation and reporting of subsidence, built Features, water, biodiversity, swamp, land and public safety.
Schedule 4, Condition 4	Western Region - Nosie Management Plan	November 2024	Describes the measures implemented to manage operational noise emissions and comply with the relevant criteria. Springvale Colliery specific information is included in Appendix E.	Compliant. The document has been prepared as required. Implementation was assessed in terms of noise management, documentation and reporting.
Schedule 4, Condition 7	Western Region - Air Quality and Greenhouse Gas Management Plan	November 2024	Outlines air quality and greenhouse gas management at Centennials Western operations. Springvale Colliery specific information is included in Appendix E.	Compliant. The document has been prepared as required. Implementation was assessed in terms of dust management, documentation and reporting.

Development Consent Condition	Management Plan	Document Date	Summary of Management Plan	Compliance Assessment
Schedule 4, Condition 13	Upper Coxs River Action & Monitoring Plan (UCRAMP)	June 2023	Outlines the monitoring and management measures employed by Springvale Colliery to assess impacts of the site on the Upper Coxs River.	Compliant. The document has been prepared as required. Implementation was assessed in terms of water quality monitoring and mitigation measures.
Schedule 4, Condition 14	Springvale Water Management Plan	March 2020	The objectives of the Water Management Plan (WMP) are to review existing data, understand and assess the site's water management system, categorise water management requirements, develop catchment plans, improve separation of clean, dirty, and coal-contact water, assess storage capacities and flooding risks, evaluate water quality and monitoring needs, and ensure compliance with regulatory discharge and reuse standards.	Compliant. Well established water management system at site. No major issues with erosion and sediment control. Overall the management of water appeared to be effective.
Schedule 4, Condition 17	Stygofauna Monitoring and Assessment Plan	June 2018	The plan establishes a monitoring program for groundwater stygofauna to track potential impacts from mining. It includes baseline studies, routine sampling, and clear criteria for assessing changes in species or habitat.	Not triggered. The document has been prepared as required. Implementation was not triggered due to monitoring being discontinued.
Schedule 4, Condition 18	Springvale Biodiversity Management Plan	April 2025	Outlines measures to manage biodiversity at Springvale Colliery.	Compliant. Document has been prepared as required and implementation was assessed in terms of management and monitoring against baseline data
Schedule 4, Condition 18A	Catchment Improvement and Land Management Plan	March 2018	The document describes the measures used to improve the catchment and land management measures.	Compliant. The document has been prepared as required and evidence of implementation was sighted in Annual Reviews.

Development Consent Condition	Management Plan	Document Date	Summary of Management Plan	Compliance Assessment
Schedule 4, Condition 24	Western Regional Aboriginal Heritage Management Plan	May 2025	The ACHMP guides how Aboriginal cultural heritage will be identified, managed, and protected in the Western Region operations. It details survey and monitoring requirements, site protection measures, reporting processes, and continued consultation with Aboriginal groups. The aim is to ensure mining activities respect and safeguard cultural heritage values. Attachment 6 of the ACHMP details specifics of Springvale Colliery.	Compliant. Document has been prepared as required and implementation was assessed in terms of mitigation measures, monitoring and reporting requirements relating to Aboriginal heritage.
Schedule 4, Condition 24	Western Region Historic Heritage Management Plan	June 2018	The HHMP guides how non-Aboriginal cultural heritage will be identified, managed, and protected in the Western Region operations. It details survey and monitoring requirements, site protection measures, reporting processes, and continued consultation with relevant stakeholder groups. The aim is to ensure mining activities respect and safeguard cultural heritage values. Attachment 6 of the HHMP details specifics of Springvale Colliery.	Compliant. Document has been prepared as required and implementation was assessed in terms of mitigation measures, monitoring and reporting requirements relating to historic heritage.
Schedule 4, Condition 28	Exploration Activities and Minor Surface Infrastructure Management Plan (EASIMP)	October 2016	Describes the measures implemented activities related to exploration and the development of minor surface infrastructure.	Compliant. The document has been prepared as required. Evidence of implementation has been sighted in Annual Reviews for the audit period.
Schedule 4, Condition 31A	Rehabilitation Strategy	May 2023	This document describes the general objectives for rehabilitation of the site and intended post mining land uses	Compliant. This document has been prepared as required, noting there are limited opportunities at Springvale Colliery for rehabilitation due to the nature of underground mining.
Schedule 4, Condition 32	Rehabilitation Management Plan	December 2023	Outlines the rehabilitation goals at the site and the methods to be used to achieve them.	Compliant. Document has been prepared in general accordance with the standard mining lease conditions under the Mining Act 1992.

Development Consent Condition	Management Plan	Document Date	Summary of Management Plan	Compliance Assessment
Schedule 6, Condition 1	Environmental Management Strategy	January 2024	Management framework to identify and control potential environmental impacts and to achieve compliance with environmental legislation and regulatory requirements.	Compliant. Document has been prepared as required and implementation was assessed in terms of management and monitoring.

4.5. Extraction Plan and Underground Mining Areas

Longwalls mined during the audit period include LWs 428-429, LW 430 and 431 commenced in 2025.

Other EPs (EP) approved since the consent was granted include:

- Longwall 419.
- Longwall 420-422.
- Longwall 424-427.

There is some ongoing monitoring for these earlier EP areas. A high-level review of the LW 428 – 432 Extraction Plan Written Report notes the following monitoring and management is required for the site.

Subsidence Monitoring (Section 8.1 – Subsidence Monitoring Program)

Survey Lines & Remote Sensing – Implement high-accuracy subsidence survey lines across each longwall and supplement with photogrammetry or LiDAR to detect ground movements.

Surface Feature Inspections – Undertake regular inspections of infrastructure, natural features, and heritage items within the predicted subsidence zone.

Trigger Action Response Plans – Apply site-specific trigger levels (movement, cracking, tilting) and enact investigation or remediation if exceeded. Importantly note there are different triggers for the types of swamps.

Surface Water Monitoring (Section 8.2 – Surface Water Monitoring Program)

Creek Stability & Channel Form – Conduct baseline and ongoing geomorphic inspections of key streams in the extraction zone.

Water Quality Sampling – Regular sampling of analytes including pH, EC, turbidity, iron, manganese, and other metals at sites upstream and downstream of the longwalls.

Flow Monitoring – Springvale has to maintain continuous gauging at strategic sites to detect changes in baseflow or event response.

Swamp Drainage Lines – Requirement to monitor flow and quality at swamp outlets to detect mining-related changes.

Groundwater Monitoring (Section 8.3 – Groundwater Monitoring Program)

Bore Network Surveillance – Requirements for monthly or quarterly measurements of standing water levels in monitoring bores, including shallow perched systems and regional aquifers.

Vibrating Wire Piezometers – Use for high-resolution measurement of groundwater pressures in key strata layers.

Water Chemistry – Periodic laboratory analysis for major ions and metals to identify contamination or drawdown effects.

Groundwater and Swamp Hydrology – Dedicated piezometers to monitor swamp hydrology (linked to Section 8.4).

Ecological Monitoring (Section 8.4 – Ecological Monitoring Program)

Swamp Condition Monitoring – Track vegetation cover, species composition, and soil moisture using aerial imagery (SAVI), permanent quadrats, and on-ground inspections.

Species Assemblage Tracking – Detect shifts from amphibious to terrestrial species as indicators of drying trends.

Threatened Species Surveillance – Monitor habitat condition and population counts for Boronia deanei, Blue Mountains Water Skink, and Giant Dragonfly.

Offset Site Performance – Compare impacted sites to offset areas to ensure no net loss of ecological function.

Integration & Reporting (Section 10 – Reporting and Review)

Quarterly Reports – Integrate subsidence, surface water, groundwater, and ecological data; highlight any TARP exceedances. We reviewed these reports and they are a high quality document.

Annual Review – This compares actual impacts to predictions and gives a general update.

Adaptive Management – Modify longwall layout, adjust extraction rates, or introduce mitigation measures if unacceptable impacts are detected. Noting Springvale has altered longwall layouts in the past based on monitoring and potential for subsidence.

4.6. Mining Leases

The tenements that were reviewed as part of the IEA are:

- ML 1303
- ML 1323
- ML 1326
- ML 1537
- ML 1588
- ML 1670
- ML 1727
- ML 1843
- MPL 314

4.7. Water Access Licences

Centennial Springvale currently holds three water access licences (WALs) which include:

- WAL 36383
- WAL 36443
- WAL 36446
- WAL 36449

These WALs allow for the extraction of up to 5,958 ML, 585 ML, 3,300 ML, and 2,523 ML (extraction volumes) respectively.

Centennial provided a summary of passive take / inflows and active pumping associated with the listed WALs which has been included as **Table 7**.

The 2023 Annual Review outlines a non-compliance under WAL36383 relating to the over extraction of share component. The Annual Review describes the non – compliance as 'Extraction of 9096.2 ML or water from Sydney Basin Richmond Groundwater Source'.

The Annual Review outlined the following actions.

On 1 July 2023 the Water Sharing Plan for the Greater Metropolitan Region Groundwater Sources 2023 commenced. As a result, the Sydney Basin Richmond Groundwater Source and Sydney Basin Coxs River Groundwater Source have been amalgamated to reflect their connectivity, now named the Sydney Basin West Groundwater Source. Centennial is currently undertaking the necessary reviews of water access works approvals (Works approvals) to WALs in this newly formed groundwater source.

Table 7 Water Take During the IEA Period

Water Licence Number	WAL Entitlement (ML)	1 July 2021 to 30 June 2022			1 July 2022 to 30 June 2023			1 July 2023 to 30 June 2024		
		Passive Take/Inflows (ML)	Active Pumping (ML)	Total (ML)	Passive Take/Inflows (ML)	Active Pumping (ML)	Total (ML)	Passive Take/Inflows (ML)	Active Pumping (ML)	Total (ML)
WAL 36383	5,958	N/A	6874.3	6874.3	N/A	9096.2	9096.2	N/A	11,057.3	11057.3
WAL 36449	2,523	N/A	511.7	511.7	N/A	87.41	87.41	N/A	2523	2523
WAL 36446	3,300	N/A	1179.9	1179.9	N/A	852.6	852.6	N/A	686.5	686.5
WAL 36443	585	N/A	0	0	N/A	0	0	N/A	0	0

4.8. Complaints

There were 4 complaints made to Centennial Springvale during the audit period, mostly related to noise. 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. 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
August-Dec 2022	2	All noise.
2023	2	1x waste, 1x noise
2024	0	N/A
Jan-June 2025	0	N/A
Total	**4**	3x noise, 1x waste

4.9. Reportable Environmental Incidents and Non-Compliances

Reportable incidents and non-compliances 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 and non-compliance are provided in **Table** 9**.**

SSD-5594 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 consent*

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

The key condition regarding incident reporting in SSD-5594 is reproduced below:

Schedule 6 Condition 10 - Incident Reporting

The Applicant must immediately notify the Secretary and any other relevant agencies of any 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.

Evidence of notifications of non-compliance events. The initial notification were completed promptly. Incident reports were completed within 7 days.

Note the EP notifications are for triggers, not non-compliances. These are managed by a different process.

Table 9 - Incidents Within the IEA Period (Based on the Annual Reviews)

Date	Incident Summary	Was There A Non-Compliance Against An Approval?	Follow-up actions (provided by Centennial in Annual Reviews)
2022			
14 Mar 2022	A non-compliance was recorded with EPL 3607 Condition L2.6, as a result of failing to notify the EPA within 3 working days of an elevated Total Suspended Solids reading in a discharge sample taken at LDP006. It is noted that the sample complied with turbidity limits.	Reported as a non-compliance against EPL 367, L2.6 in the Annual Review	• Established a portable pumping system at LDP006 • Reviewed water isolation
7 Mar 2022, 5 Jul 2022 and 9 Oct 2022	A non-compliance was recorded with EPL 3607 L3.1 with the volume limit of 10,000 kilolitres per day exceeded at discharge point 6 on 7/3/22, 5/7/22 and 9/10/22. All volume exceedances occurred as a result of high rainfall (118.80, 135.0, and 74.8mm 5-day rainfalls recorded on those dates respectively).	Reported as a non-compliance against EPL 367, L3.1 in the Annual Review	Water management controls will continue to be maintained to direct flows to LDPs. Erosion and sediment controls will similarly be maintained to mitigate adverse effects to receiving environments. Weather patterns will continued to be monitored to ensure rainfall preparedness and response process are followed.
2023			
14 Mar 2023	Water discharged at LDP006 was non-compliant with water concentration limits between 13:210 and 14:40 on 14 March 2023	Reported as a non-compliance against EPL 367, L2.4 in the Annual Review	The following actions have been completed. • Established portable pumping system at LDP006 prior to job commencement. • Reviewed of water isolation applicable to cease flow to discharge point LDP006. • Modified the bund established upstream of the discharge point to reduce permeability. • Reviewed In-situ alert system with consideration to change in site personnel.

Date	Incident Summary	Was There A Non-Compliance Against An Approval?	Follow-up actions (provided by Centennial in Annual Reviews)
1 Jul 2023	Over extraction of share component. Extraction of 9096.2 ML or water from Sydney Basin Richmond Groundwater Source	Reported as a non-compliance against WAL 36383 in the Annual Review	On 1 July 2023 the Water Sharing Plan for the Greater Metropolitan Region Groundwater Sources 2023 commenced. As a result, the Sydney Basin Richmond Groundwater Source and Sydney Basin Coxs River Groundwater Source have been amalgamated to reflect their connectivity, now named the Sydney Basin West Groundwater Source. Centennial is currently undertaking the necessary reviews of water access works approvals (Works approvals) to WALs in this newly formed groundwater source.
31 March 2022 31 March 2023	Failure to submit Rehabilitation Cost Estimate and Annual Rehabilitation Report and Forward Program by the due date. A large mine must submit an Annual Report and Forward Program, and a Rehabilitation Cost Estimate.	Reported as a non-compliance against CL377 ML1303 ML1323 ML1326 ML1424 ML 1537 ML 1588 ML 1670 ML 1727 MPL 314 in the Annual Review	All required documents have now been submitted to the Resource Regulator. Both contraventions of s.378D of the Mining Act 1992 were sustained and Springvale was issued an Official Caution on 22 December 2023. This has been documented in Table 11.2 with additional detail described below.
2024			
5 Nov 2024	Indirect impact to the Springvale Water Transfer pipeline which has damaged the pipelines integrity, likely caused by a heavy vehicle or machinery. Localised water pooling was observed at the location of the incident on the Newnes Plateau.	Reported as a Reportable Incident in the Annual Review	Springvale Activated the Pollution incident response plan (EPA report REF-NO-34163) and obtained landowner consent to undertake repairs to the pipeline. Repairs were completed on 8 November 2024.

Date	Incident Summary	Was There A Non-Compliance Against An Approval?	Follow-up actions (provided by Centennial in Annual Reviews)
21 Nov 2024	Mine water leak on the Springvale Water Transfer pipeline near Bore 6 which was detected on 21 November 2024.	Reported as a Reportable Incident in the Annual Review	The Water transfer pipeline was immediately isolated. Springvale Activated the Pollution incident response plan (EPA report (REF-NO-34533) and obtained landowner consent to undertake repairs to the pipeline. Repairs were completed on 23 November 2024. Long term preventive actions being investigated by the Springvale Mechanical Engineer include: • Review burst pipe alarm durations for the pipeline to understand why set at the current figures with regard to reducing the time to trip the pumps from bore 6. Will also need to review bore 8 and the WBS01 to WBS02 alarm / trip set points. • • Remove the air valve pits along bore 6 to booster 1 pipe and inspect for installation of air valves and to ensure no other unknown repairs have been completed.

4.10. Comparison Against Predictions

Section 6 of the Springvale Colliery Annual Reviews provides an assessment of environmental performance that covers aspects including noise, air quality, biodiversity, heritage, subsidence and waste. Section 7 of the Annual Reviews includes details of surface water and groundwater monitoring and management. These summaries are supported by specialist monitoring reports in the Appendices as required.

Centennial Springvale compared results in Annual Reviews against predicted EIS impacts and IEMA is satisfied with how this information is being reported within the Annual Review.

The site has generally been within the consent and EPL criteria, and with the predictions made in the relevant Environmental Assessments.

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.

We have only included relevant parts of the conditions which are non-compliant. See the full Compliance Assessment (Appendix B) for more details.

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
SSD-5594			
Schedule 4, Condition 12 (part)	The Applicant shall comply with the performance measures in Table 6 to the satisfaction of the Secretary. Table 6: Water Management Performance Measures Feature — Performance Measure Chemical and petroleum storage — • Chemical and hydrocarbon products to be stored in bunded areas in accordance with the relevant Australian Standards	Non-compliant with relevant hydrocarbon storage standards as observed during site inspection. This is based on seeing some hydrocarbons not stored as per Australian Standards AS 1940, which requires bunding of AS 1940 requires that bunds or secondary containment systems must have a capacity of at least 110% of the volume of the largest tank or container stored within that bunded area. The field inspection noted: • 2 x 20L hydraulic oil containers were not stored in bunds. They also showed signs of leakage on the ground. • There was one IBC containing around 300L of lubricant. It was stored on a bund that would only store around 200L of liquid if leakages occurred. • There was a leakage from the mobile electrical transformer unit this was stored on the surface with evidence of staining adjacent to the area of the leak. • 1 x IBC of what appeared to be hydraulic oil. This had around 600L of material and was not stored on a bund. • Several areas of recent and historical staining on site. Despite noting these issues around 95% of hydrocarbons onsite were stored as per AS 1940 requirements. Chemical and petroleum storage has been separated from other water management requirements of this condition due to a high level of compliance with general water management measures.	NC REC 1: Ensure hydrocarbons are stored as per AS 1940. NC REC 2: Remove the mobile electrical transformer unit from site and ensure the leakages are handled correctly. IMP REC 3: Ensure older hydrocarbon stains in the laydown area are scalped up, with material removed from site to a licensed facility to handle the contamination.
EPL 3607			

<table>
<tr><th>Schedule and Condition Number</th><th>Condition</th><th>Details</th><th>Recommended Action</th></tr>
<tr>
<td>L2.4</td>
<td>Water and/or Land Concentration Limits

POINT 6
<table>
<tr><th>Pollutant</th><th>Units of Measure</th><th>50 percentile concentration limit</th><th>90 percentile concentration limit</th><th>3DGM concentration limit</th><th>100 percentile concentration limit</th></tr>
<tr><td>Oil and Grease</td><td>milligrams per litre</td><td></td><td></td><td></td><td>10</td></tr>
<tr><td>pH</td><td>pH</td><td></td><td></td><td></td><td>6.5-9.0</td></tr>
<tr><td>Total suspended solids</td><td>milligrams per litre</td><td></td><td></td><td></td><td>30</td></tr>
<tr><td>Turbidity</td><td>nephelometric turbidity units</td><td></td><td></td><td></td><td>50</td></tr>
</table>
</td>
<td>Water discharged at LDP006 was non-compliant with water concentration limits between 13:210 and 14:40 on 14 March 2023

Water discharged at LDP006 was non-compliant with water concentration limits.

• pH: 9.8 (limit 6.5 to 9)
• Turbidity: 157 NTU (limit 50 NTU)
• Total Suspended Solids 44 mg/L (limit 30 mg/L).

While undertaking grout repairs to a drain upstream of LDP006 (caused by severe wet weather conditions), a low proportion of water migrated through the work area to the discharge point. The site enacted a series of mitigation measures.

Discharge from LDP006 was ceased immediately by transferring all water contained in the weir to a 1000L container on site. An additional isolation was performed to ensure that the minor volume of water not isolated prior to repair work commencement did not enter the discharge point. A vacuum tank subsequently attended site to remove all water at the weir and water body immediately upstream of the weir.

To prevent re-occurrence of the incident Springvale have:

• Established a portable pumping system at LDP006 prior to job recommencement.
• Reviewed water isolation applicable to cease flow to discharge point LDP006.
• Modified the bund established upstream of the discharge point to reduce permeability.
• Reviewed In-situ alert system with consideration to change in site personnel.

No further recommendation.</td>
<td>No further recommendations.</td>
</tr>
</table>

<table>
<tr><th>Schedule and Condition Number</th><th>Condition</th><th>Details</th><th>Recommended Action</th></tr>
<tr><td>L2.6</td><td>The concentration limit for total suspended solids stipulated by condition L2.4 for EPA identification point 6 is deemed not to have been breached where:
a) the water discharged is covered by condition L2.5; or
b) the water discharged complies with the turbidity limit at the time of the discharge; and
c) the EPA is advised within 3 working days of the completion of the sample testing and analysis as
required by condition M2.3 of any results above the licence limit.
Note: The purpose of condition L2.6 is to expedite the assessment and subsequent discharge of the clarified water from the stormwater control structures (sediment basins).</td><td>2022 exceedance of Total Suspended Solids (TSS) reported in Annual Review and Annual Return. On 8 November 2022 water was discharged through LDP006 which complied with the turbidity limit but exceeded the TSS limit
It is noted that while the discharge was compliant with turbidity limits, Springvale failed to notify the EPA within three working days. Springvale has reported that notifying the EPA has now included in their EPL monitoring procedures where required.</td><td>No further recommendations.</td></tr>
<tr><td>L3.1</td><td>For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
a) liquids discharged to water; or;
b) solids or liquids applied to the area;
must not exceed the volume/mass limit specified for that discharge point or area.
<table><tr><th>Point</th><th>Unit of Measure</th><th>Volume/Mass Limit</th></tr><tr><td>6</td><td>kilolitres per day</td><td>10000</td></tr><tr><td>7</td><td>kilolitres per day</td><td>30000</td></tr></table></td><td>Springvale breached discharge limit on three occasions in 2022. Discharge limits were breached on:
• 07/03/2022
• 05/07/2022
• 09/10/2022
All discharge events were found to be a result of high rainfall events, with total rain the preceding 5 days for each event being 118.8mm, 135.0mm, and 74.8mm respectively.
No non-compliances reported in 2023 or 2024.</td><td>No further recommendations.</td></tr>
</table>

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.	"a) Non-compliance based on hydrocarbon storage There was evidence of several hydrocarbon/chemical containers that were stored on bunds that did not have sufficient capacity under AS/NZS 3833:2007 i.e. doesn't cover 110%. These areas were not draining to an oily water separator and were instead generally draining to Secondary dam. The majority of these hydrocarbons were within mining supply storage area. This is based on seeing some hydrocarbons noted stored as per Australian Standards AS 1940, which requires bunding of AS 1940 requires that bunds or secondary containment systems must have a capacity of at least 110% of the volume of the largest tank or container stored within that bunded area. The field inspection noted: • 2 x 20L hydraulic oil containers were not stored in bunds. They also showed signs of leakage on the ground. • There was one IBC containing around 300L of lubricant. It was stored on a bund that would only store around 200L of liquid if leakages occurred. • There was a leakage from the mobile electrical transformer unit. This was stored on the surface with evidence of staining adjacent to the area of the leak. • 1 x IBC of what appeared to be hydraulic oil. This had around 600L of material and was not stored on a bund. • Several areas of recent and historical staining on site. Despite noting these issues around 95% of hydrocarbons onsite were stored as per AS 1940 requirements.	Recommendations as per SSD-5594 Schedule 4 Condition 12
Mining Act July 2021			

Schedule and Condition Number	Condition	Details	Recommended Action
Division 3, 13 – Forward Program and Annual Rehabilitation Report Condition 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.	<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. <u>Actual Non - Compliance</u> The first published Springvale Forward Program covers the period 2023-2025. Clause 13(1) of Schedule 8A of the Mining Regulation requires prepare 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. See 2x Official Caution Letters. The Springvale 2022 Forward Program was due on 1 August 2022. Springvale 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 Springvale 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. Also there was a timing issue for the 2023 Forward Program. The Official Caution Letter from RR states: According to our records, the Springvale Colliery 2023 forward program was due 31 March 2023. Springvale Colliery submitted	No further recommendations.

Schedule and Condition Number	Condition	Details	Recommended Action
		the 2023 forward program on 4 May 2023 (FWP0001142), after the due date although Regulator Portal issues are acknowledged as a contributing factor to this late submission. The Rehabilitation Cost Estimate (RCE) required as a component of the forward program was submitted on 6 October 2023 (Our Reference: MAAG0016704, now superseded by RCE0001640). In terms of submitting a complete forward program, the late submission of the RCE component means the forward program requirement was not satisfied until 6 October 2023, significantly later than the 31 March 2023 due date.	
Division 3, 13 – Forward Program and annual Rehabilitation Report Condition 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.	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 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 further recommendations.
Division 3, 15 – Times at which documents must be	The holder of a mining lease must do the following before the end of the initial period— (a) prepare a rehabilitation management plan, and	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	No further recommendations.

Schedule and Condition Number	Condition	Details	Recommended Action
prepared and given Condition 1	(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.	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. The 2023 Springvale Annual Review summarised the timing issue. On 10 October 2023, Centennial Springvale Pty Ltd was notified of the commencement of an investigation into the alleged contravention of 2 breaches of the Regulation against titles CL 377 (1973), ML 1303 (1992), ML 1323 (1992), ML 1326 (1992), ML 1424 (1992), ML 1537 (1992), ML 1588 (1992), ML 1670 (1992), ML 1727 (1992), MPL 314 (1973). These contraventions were for the 2022 and 2023 Forward Program against Clause 13(1) of Schedule 8A of the Regulation requiring a forward program to be developed and Clause15(2) requiring its submission to the Secretary before 60 days after the last day of each annual reporting period (or a later date as approved by the Secretary). In relation to the 2022 contravention, Springvale Colliery failed to submit the 2022 forward program to the Regulator as required. In relation to the 2023 contravention Springvale Colliery submitted the 2023 forward program on 4 May 2023 after the due date although Regulator Portal issues are acknowledged as a contributing factor to this late submission. The Rehabilitation Cost Estimate (RCE) required as a component of the forward program was submitted on 6 October 2023. The late	

Schedule and Condition Number	Condition	Details	Recommended Action
		submission of the RCE component means the forward program requirement was not satisfied until 6 October 2023, significantly later than the 31 March 2023 due date. Both contraventions s.378D of the Mining Act 1992 were sustained and Springvale was issued an Official Caution as the enforcement action. In summary: (a) RMP first 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.	
Division 3, 15 – Times at which documents must be prepared and given Condition 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.	See 2023 Annual Review and Official Warning Letters. The Official Caution Letter from RR states: According to our records, the Springvale Colliery 2023 forward program was due 31 March 2023. Springvale Colliery submitted the 2023 forward program on 4 May 2023 (FWP0001142), after the due date although Regulator Portal issues are acknowledged as a contributing factor to this late submission. The Rehabilitation Cost Estimate (RCE) required as a component of the forward program was submitted on 6 October 2023 (Our Reference: MAAG0016704, now superseded by RCE0001640). In terms of submitting a complete forward program, the late submission of the RCE component means the forward program requirement was not satisfied until 6 October 2023, significantly later than the 31 March 2023 due date. Non-compliance with sub condition (a).	No further recommendations.
Water Access Licences			

Schedule and Condition Number	Condition	Details	Recommended Action
WAL36383	Extraction – Share component	Centennial Springvale extracted 9,096.2 ML from the Sydney Basin Richmond Groundwater Source. This was in exceedance of their permitted share component of 5,958 ML, as reported in the 2022 Annual Review. On 1 July 2023 the Water Sharing Plan for the Greater Metropolitan Region Groundwater Sources 2023 commenced. As a result, the Sydney Basin Richmond Groundwater Source and Sydney Basin Coxs River Groundwater Source were amalgamated to reflect their connectivity, now named the Sydney Basin West Groundwater Source. Centennial is currently undertaking the necessary reviews of water access works approvals (Works approvals) to WALs in this newly formed groundwater source.	No further recommendations.

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
Extraction Plan	SSD-5594 Schedule 3 Condition 10	IMP REC 1	Develop an internal register for EP triggers. This would likely be an excel spreadsheet that pulls out triggers, timing, notification requirements. This would be useful for the site team to continue to manage the EP implementation.
Water Management Performance Measures	SSD-5594 Schedule 4 Condition 12 & EPL 3607 O1.1	IMP REC 2	Review the Stream Health and Channel Stability Monitoring Program for the suitability of locations for areas. E.g. Areas that have been subsided many years ago may not need to be monitored. This may require updates to approvals.
Mine Access Road Intersection Upgrade	SSD-5144 Schedule 4 Condition 21	IMP REC 4	Follow up with DPHI on the outcome of the intersection letter.
Location of monitoring/discharge points and areas	EPL 3607 P1.4	IMP REC 5	In next update to EPL, update EPL figure to remove WNM12 as it is not a noted location in this EPL.
Rehabilitation management plans for large mines	Mining Amendment Regulation 2021	IMP REC 6	Update the RMP to reference ML 1843.

7. CONCLUSION AND POSITIVE ENVIRONMENTAL MANAGEMENT

7.1. General Compliance Summary

There were no general trends regarding the non-compliances identified. It should be noted that the one high rainfall incident in July 2022 resulted in four non-compliances. The rainfall event was above the design capacity of the water structures for the site. The site generally had a very high compliance rate.

7.2. Positive Environmental Performance

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

- There has been consistent environmental support for this site for many years. This has led to a very good understanding of potential environment and community risks associated with the development.
- The site had a high rate of compliance (field and administrative) and has managed the site to a high standard.
- Record keeping has been very well managed, and the use of the Compliance Database software has assistance with tracking actions and documentation.
- The site inspection noted that the site was generally well maintained and no major issues were identified in the field.

APPENDIX A. PHOTOGRAPHS

Photograph 01 – Return and Earn bin for charity

Photograph 02 – Looking towards ROM

Photograph 03 – Double skinned solsenic tank meeting AS1940

Photograph 04 – Workshop and Laydown Area

Photograph 05 – ROM Stockpile

Photograph 06 – Waste stored on pallet

Photograph 07 – Typical laydown storage area at the pit top

Photograph 08 – Damaged and leaking gear oil containers not stored in bund

Photograph 09 –Sump

Photograph 10 – Example of laydown area

Photograph 11 – 1000L IBC containing hydrocarbons not stored as per AS1940

Photograph 12 – 1000L IBC containing hydrocarbons not stored as per AS1940

Photograph 13 – Hydrocarbon staining in laydown area

Photograph 14 – Recent weed spraying has been completed

Photograph 15 – Small areas of rubbish should be removed from site

Photograph 16 – Hydrocarbon staining

Photograph 17 – Looking towards coal stockpile

Photograph 18 – Segregated waste area

Photograph 19 – Stored materials

Photograph 20 – Sediment and debris to be removed from the transfer drain

Photograph 21 – Leaks from old transformer

Photograph 22 – Evidence of hydrocarbon staining

Photograph 23 – Looking up towards main dam

Photograph 24 – Flow control structure

Photograph 25 – Clean water diversion drain

Photograph 26 – Pipeline leak to be repaired

Photograph 27 – Effective use of metals bin

Photograph 28 – Evidence of damage to IBC

Photograph 29 – Hydrocarbons stored as per AS1940

Photograph 30 – IBCs stored in refrigerated container

Photograph 31 – Recent hydrocarbon leak. Partially covered by sorb

Photograph 32 – Underground portal

Photograph 33 – Hydrocarbons meeting AS 1940

Photograph 34 – Oily water drain

Photograph 35 – Mixed material in general waste bin

Photograph 36 – LDP006

Photograph 37 – Weed control

Photograph 38 – Coal stockpile pond and looking back to stockpile area

Photograph 39 – Stable drain leading to LDP006

APPENDIX B. COMPLIANCE ASSSESSMENT

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
SCHEDULE 2 - ADMINISTRATIVE CONDITIONS				
OBLIGATION TO MINIMISE HARM TO THE ENVIRONMENT				
1	In addition to meeting the specific performance measures and criteria established under this consent, the Applicant shall implement all reasonable and feasible measures to prevent and/or minimise any harm to the environment that may result from the construction, operation, or rehabilitation of the development.	Compliant	The POEO Act discusses material harm. The PIRMP outlines the process to inform of incidents. *There is a duty to notify 'relevant authorities' as specified in section 148(8) of the POEO Act (the EPA, local authority, Ministry of Health, SafeWork NSW (formerly WorkCover) and Fire and Rescue NSW) of pollution incidents where material harm to the environment is caused or threatened. Material harm includes actual or potential harm to the health or safety of human beings or to ecosystems that is not trivial or that results in actual or potential loss or property damage of an amount over $10,000.* There have been some environmental incidents (See Section 4.8 of the IEA main document). However there was no evidence of any incidents causing material harm.	
TERMS OF APPROVAL				
2	The Applicant shall carry out the development: (a) generally in accordance with the EIS; (b) in accordance with the Development Layout Plan and the Statement of Commitments; and (c) in accordance with the conditions of this consent. Notes: • The Development Layout Plan is shown in Appendix 2 • The Applicant's Statement of Commitments is shown in Appendix 3.	Compliant	IEMA completed a high level review of this documentation. Based on site discussions, the site inspection, and review of the key commitments within environmental management plans and Compliance Database, it is concluded that operations are generally in accordance with these documents and the conditions of consent. Evidence of reporting in the Annual Review including location of longwall layout. No evidence of works beyond the site boundaries.	
3	If there is any inconsistency between the above documents, the more recent document shall prevail to the extent of the inconsistency. However, the conditions of this consent shall prevail to the extent of any inconsistency.	Compliant	Noted.	
4	The Applicant shall 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 consent; (b) any reviews, reports or audits undertaken or commissioned by the Department regarding compliance with this consent; and (c) the implementation of any actions or measures contained in these documents.	Compliant	a) IEMA reviewed management plans, Annual Reviews and audits which includes ingoing and outgoing correspondence, they were found to be compliant with this sub-condition. b) This sub-condition was not triggered not triggered. The site liaises with the IMP for the EP process. c) as per part a)	
LIMITS ON CONSENT				
Mining Operations				
5	The Applicant may carry out mining operations on the site until 31 December 2028. Note: Under this consent, the Applicant is required to rehabilitate the site and perform additional undertakings to the satisfaction of the Secretary and the Resources Regulator. Consequently this consent 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 the approval timeframe.	
Coal Extraction				
6	The Applicant shall not extract more than 5.5 million tonnes of ROM coal from the site per calendar year.	Compliant	No more than 5 mt of ROM coal was extracted each calendar year: 2022 Annual Review - 2.3 mt of ROM coal 2023 Annual Review - 2.3 mt of ROM coal 2024 Annual Review - 2.8 mt of ROM coal 2025 Forecasted (from 2024 AR) - 2.9 mt of ROM coal IEMA reviewed internal coal tracking system (GED) which contains monthly coal data through the audit period.	
Hours of Operation				
7	The Applicant may undertake mining operations 24 hours a day, 7 days a week.	Compliant	Operations within period.	
Coal Transport				
8	The Applicant shall not transport more than 50,000 tonnes of ROM coal by road from the site to local domestic customers in any calendar year.	Compliant	No more than 50,000 tonnes of ROM call was transported by road: • 2022 Annual Review - 0 t of ROM coal transported by road. • 2023 Annual Review - 0 t of ROM coal transported by road. • 2024 Annual Review - 0 t of ROM coal transported by road. Coal transport records showed less than 50,000 tonnes through the half of 2025.	
Springvale Delta Water Transfer Scheme				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
9	Nothing in this consent allows duplication of pipelines or other increase in capacity of the Springvale Delta Water Transfer Scheme.	Compliant	Noted.	
SURRENDER OF EXISTING DEVELOPMENT CONSENTS				
10	The Applicant shall surrender all existing development consents for the site in accordance with section 4.63 of the EP&A Act within 12 months of the date of this consent, unless otherwise agreed by the Secretary. Prior to the surrender or lapsing of any existing development consents, the conditions of this consent shall prevail to the extent of any inconsistency with the conditions of these consents. Note: This requirement does not extend to the surrender of construction and occupation certificates for existing and proposed building works under Part 4A of the EP&A Act. Surrender of a consent should not be understood as implying that works legally constructed under a valid consent can no longer be legally maintained or used.	Compliant	This condition was put as not triggered in the previous audit as DPHI granted an extension to 19 September 2023. Correspondence with DPHI was sighted which confirmed Springvale surrendered DA 461/02 on 6 July 2023. IEMA reviewed DA Compliance Status Summary accepted by DPHI.	
STRUCTURAL ADEQUACY				
11	The Applicant shall ensure that all new buildings and structures, and any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA. Notes: • Under Part 4A of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works; and • Part 8 of the EP&A Regulation sets out the requirements for the certification of the development.	Not triggered	Springvale Construction Work Standard (SV-SWP-1979) (the standard) dated July 2021 was sighted to require construction be undertaken in accordance with the requirements of the BCA. Note, there has not been construction of any structures that trigger this condition.	
DEMOLITION				
12	The Applicant shall ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version.	Not triggered	Springvale Construction Work Standard (SV-SWP-1979) dated July 2021 was sighted to require demolition to be done in accordance with the requirements of the AS 2601-2001. According to site discussions there was no demolition during the audit period.	
PROTECTION OF PUBLIC INFRASTRUCTURE				
13	Unless the Applicant and the applicable authority agree otherwise, the Applicant shall: (a) repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by the development; and (b) relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the development. Note: This condition does not apply to any damage to roads caused as a result of general road usage.	Not triggered	From site discussions IEMA was informed that there was no damage to public infrastructure during the audit period. Monitoring of powerlines is conducted as part of the Extraction Plans but no requests for repairs have been received.	
OPERATION OF PLANT AND EQUIPMENT				
14	The Applicant shall ensure that all plant and equipment used on site is: (a) maintained in a proper and efficient condition; and (b) operated in a proper and efficient manner.	Compliant	a) Evidence of maintenance from site included: • LDP and weather station calibration certificates. • Oily water separator - maintenance. • Water Treatment Services - maintenance (POs) b) No air or noise exceedances during the audit period indicates that Springvale is operating in a proper and efficient manner. No issues noted in the field.	
COMMUNITY ENHANCEMENT				
15	From 31 March 2017, the Applicant shall pay a community contribution to LCC of $0.03 per saleable tonne of coal produced from the Springvale, Angus Place and Airly mines capped at a maximum payment of $200,000 in total (i.e. for all 3 mines collectively). The community contribution shall be paid on an annual basis to LCC and no later than 31 March each year (for the preceding year). The contribution shall be used for long-term community activities and projects to be agreed by both the Applicant and LCC and must be reported publicly.	Compliant	Evidence from site included LCC invoices and Springvale Remittance Advice for community contributions paid for 2023, 2024, and 2025.	
SCHEDULE 3 - SPECIFIC ENVIRONMENTAL CONDITIONS – UNDERGROUND MINING				
SUBSIDENCE				
Performance Measures – Natural and Heritage Features, etc				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Finding</th><th>Recommended Action 2025</th></tr>
<tr><td>1</td><td>The Applicant shall ensure that the development does not cause any exceedances of the performance measures in Table 1, to the satisfaction of the Secretary.
Table 1: Subsidence Impact Performance Measures – Natural and Heritage Features, etc
<table>
<tr><th>Water Resources</th><th>Performance Measure</th></tr>
<tr><td>Wolgan River, and other watercourses located outside the site</td><td>Negligible subsidence impacts or environmental consequences including:
• negligible diversion of flows or changes in the natural drainage behaviour of pools;
• negligible reduction in water quality;
• negligible increase in bank erosion or sediment load.</td></tr>
<tr><td>Carne Creek, Marrangaroo Creek and Paddys Creek</td><td>No greater subsidence impacts or environmental consequences than predicted in the EIS</td></tr>
<tr><td>All other watercourses</td><td>No greater subsidence impacts or environmental consequences than predicted in the EIS</td></tr>
<tr><td>Swamps</td><td></td></tr>
<tr><td>Shrub swamps: Sunnyside and Nine Mile</td><td>Negligible environmental consequences including:
• negligible change to the shallow groundwater regime when compared with control swamps;
• negligible erosion of the surface of the swamp;
• negligible change in the size of the swamp;
• negligible change in the ecosystem functionality of the swamp;
• negligible change to the composition or distribution of species within the swamp; and
• negligible change to the structural integrity of the bedrock base or any controlling rockbar/s of the swamp.</td></tr>
<tr><td>Hanging swamps</td><td>Negligible environmental consequences including:
• negligible change in the size of the swamp;
• negligible change in the ecosystem functionality of the swamp; and
• negligible change to the composition or distribution of species within the swamp.</td></tr>
<tr><td>Land</td><td></td></tr>
<tr><td>Cliffs, minor cliffs, steep slopes and pagoda formations</td><td>No greater subsidence impacts or environmental consequences than predicted in the EIS.</td></tr>
<tr><td>Biodiversity</td><td></td></tr>
<tr><td>Threatened species, populations or their habitats and EECs (except Sunnyside East, Carne West, Gang Gang South West, Gang Gang East, Pine, Pine Upper, Paddys, Marangaroo Creek and</td><td>Negligible environmental consequences.</td></tr>
<tr><td>Heritage Features</td><td></td></tr>
<tr><td>Aboriginal heritage sites identified in Appendix 6 (except sites 45-1-0002, 45-1-0005, 45-1-2805, and 45-1-0065)</td><td>Negligible subsidence impact or environmental consequences.</td></tr>
<tr><td>Aboriginal heritage sites 45-1-0002, 45-1-0005, 45-1-2805, and 45-1-0065</td><td>No greater subsidence impact or environmental consequences than predicted in the EIS.</td></tr>
<tr><td>Historic heritage sites</td><td>Negligible subsidence impact or environmental consequences.</td></tr>
<tr><td>Mine workings</td><td></td></tr>
<tr><td>First workings beneath any feature where performance measures in this table require negligible subsidence impact or environmental consequences.
First workings within a 26.5 degree angle of draw of cliffs.</td><td>To remain long-term stable and non-subsiding</td></tr>
<tr><td>Second workings</td><td>To be carried out only in accordance with an approved Extraction Plan</td></tr>
</table>
<table>
<tr><th>Heritage Features</th><th></th></tr>
<tr><td>Aboriginal heritage sites identified in Appendix 6 (except sites 45-1-0002, 45-1-0005, 45-1-2805, and 45-1-0065)</td><td>Negligible subsidence impact or environmental consequences.</td></tr>
<tr><td>Aboriginal heritage sites 45-1-0002, 45-1-0005, 45-1-2805, and 45-1-0065</td><td>No greater subsidence impact or environmental consequences than predicted in the EIS.</td></tr>
<tr><td>Historic heritage sites</td><td>Negligible subsidence impact or environmental consequences.</td></tr>
<tr><td>Mine workings</td><td></td></tr>
<tr><td>First workings beneath any feature where performance measures in this table require negligible subsidence impact or environmental consequences.
First workings within a 26.5 degree angle of draw of cliffs.</td><td>To remain long-term stable and non-subsiding</td></tr>
<tr><td>Second workings</td><td>To be carried out only in accordance with an approved Extraction Plan</td></tr>
</table>
</td><td>Compliant</td><td>The annual and quarterly reports provide sufficient information around subsidence monitoring and management. The Quarterly reports include an assessment against subsidence performance measures. Appendices to the quarterly reports often include figures, EMM water reporting, any trigger investigations, longwall, photo monitoring.

Quarterly Reports must be submitted on a quarterly basis to the following regulatory and oversight bodies:

• NSW Department of Planning and Environment (DPE) – Planning & Assessment Group
• Biodiversity Conservation and Science Group (also part of DPE)
• Springvale Independent Monitoring Panel
• NSW National Parks & Wildlife Service
• Commonwealth Department of Agriculture, Water and Environment

We have reviewed the Quarterly Reports and the self assessment and supporting information by Centennial indicates the site is meeting the Performance Measures. See below an example summary from the 2025 Q1 Report.

Water Resources
Wolgan River and other off-site watercourses
• Met performance measure: The report (Section 3.1) states no anomalous surface movements or changes to stream alignments. There were no observed increases in ponding, channel changes, or diversion of flows, consistent with “negligible subsidence impacts.”

Coxs River, Marrangaroo Creek, Paddys Creek
• Met performance measure: No anomalous movement or adverse impacts detected; matches the requirement for no greater subsidence impact than predicted in EIS.

All other watercourses
• Compliant: All watercourses assessed exhibited subsidence within predicted ranges and had no associated ecological consequences reported.

Swamps
Sunnyside and Nine Mile Shrub Swamps
• Met performance measure: The report (Section 3.3.1) notes no significant changes in vegetation health, soil moisture, or hydrology beyond baseline variability. There were no triggers under the Swamp TARP, meaning environmental consequences were within expectations. See Schedule 3 Condition 3 which outlines the swamps that have been offset.

Hanging Swamps
• No exceedance: Hanging swamps showed no observable changes in vegetation composition or distribution. No subsidence-related stress indicators were reported. Matches the performance measure of "negligible environmental consequences."

Land
Cliffs, steep slopes, and pagoda formations
• Compliant: No new cracking or rock falls recorded in pagoda and cliff features. Observations were within natural variability, as outlined in the EIS.

Threatened Species, Populations, and Habitats
General threatened biota
• No impacts recorded: Monitoring of microbat populations and other biota showed no adverse subsidence impacts. Habitat conditions remained stable.

Specific Endangered Ecological Communities (EECs)
• Met criteria: No impacts were recorded within mapped boundaries of relevant EECs (such as the Eucalyptus aggregate woodland). No evidence of dieback or structural changes.

Historic Features
• There was no reported subsidence-related damage to heritage items. Monitoring confirmed their structural integrity remains intact.

Mine Workings and Safety Exclusion Zones
• Compliant: The report (Section 3.5) states that all mining activities respected defined exclusion zones, and subsidence remained within approved predictions, supporting long-term site stability.

The Quarterly subsidence reports group a lot of the subsidence work for that period and are very detailed. They contain a series of appendices illustrating compliance against EP requirements.</td><td></td></tr>
<tr><td>2</td><td>The Applicant must assess and manage development-related risks to ensure that there are no exceedances of the performance measures in Table 1. Any exceedance of these performance measures constitutes a breach of this consent and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation, notwithstanding actions taken pursuant to paragraphs (a)-(c) or condition 4 below. Where any exceedance of these performance measures has occurred, the Applicant must, at the earliest opportunity:
(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 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.</td><td>Compliant</td><td>There is no evidence of exceedances. In the EP there is hierarchy of controls table.</td><td></td></tr>
<tr><td>Offsets</td><td></td><td></td><td></td><td></td></tr>
</table>

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
3	If the Applicant exceeds the performance measures in Table 1 and the Secretary determines that: (a) it is not reasonable or feasible to remediate the subsidence impact or environmental consequence; or (b) remediation measures implemented by the Applicant have failed to satisfactorily remediate the subsidence impact or environmental consequence; then the Applicant shall provide a suitable offset to compensate for the subsidence impact or environmental consequence, to the satisfaction of the Secretary. The offset must give priority to like-for-like physical environmental offsets, but may also consider payment into the Biodiversity Conservation Fund, or funding or implementation of supplementary measures such as: • actions outlined in threatened species recovery programs; • actions that contribute to threat abatement programs; • biodiversity research and survey programs; and/or • rehabilitating degraded habitat. Note: Any offset required under this condition must be proportionate with the significance of the impact or environmental consequence.	Compliant	**Strategy and Payment** A 2022 Swamp Offset Strategy was developed to address this condition. a) & b) are covered by section 7 (offset Liability), section 8 (Security Bonds) and section 10 (Offset Strategy). There is also a revised August 2022 offset strategy which has been approved. Evidence of swamp impact monitoring. Evidence of deed of payment that are appended the August 2022 Offset strategy. **Performance from 2025 Annual Review.** There are triggers outlined in the EP process. There have been some triggers identified during the audit period however based on the information provided to IEMA and site discussions there haven't been exceedances of performance measures. Biodiversity management and monitoring at Springvale includes a focus on Temperate Highland Peat Swamps on Sandstone (THPSS) and associated threatened species. Within the mining lease THPSS is comprised of Newnes Plateau Shrub Swamps (NPSS) and Newnes Plateau Hanging Swamps (NPHS). NPSS 'impact swamps' identified within the mining area that have or may be impacted by existing and future mining (detailed further in Section 6.5.2.2) have been offset under approved strategies in accordance with the requirements of SSD5594 and EPBC approvals, Section 6.5.4 of the Annual Review states: Since the granting of the SSD5594 and as the understanding of how NPSS were impacted by mining, further adaptive management measures have been committed to by Springvale to minimise the risk or extent of impacts to NPSS. These measures included: • Removing LW 422, 423 and 424 from the proposed mine plan. • Shortening LW 421, 425 and 427 to avoid mining through major lineaments. • Reduction in longwall lengths to both longwalls 429, 430, 431 and 432. The adaptive management mine plan changes resulted in the sterilisation of approximately 8.8 million tonnes of coal resource and a three year reduction in the production life of Springvale. Despite the measures taken to minimise the risk of impacts to NPSS through adaptive management mine plan changes, changes to groundwater levels in NPSS have been measured that can be attributed to Springvale's previous mining activities. Accordingly, greater than negligible impacts to NPSS from past and future mining have been offset in accordance with SSD5594 and EPBC conditions of approval. Section 6.5.6.2 of the Annual Review states: In 2024, the following Environmental Monitoring Reports were submitted as committed in the approved Swamp Offset Strategy: • Carne West Swamp. • Gang Gang South West Swamp. • Gang Gang East Swamp. • Sunnyside East Swamp. A memo was also submitted in December 2024 with regards to the remaining THPSS covered under the Swamp Offset Strategy. Springvale will continue to submit the Environmental Monitoring Reports as flora monitoring data is further interpretated to quantify partial impacts and as mining operations continue within SSD5594.	
Swamp Offset Bond for First Swamps Undermined				
4	Prior to the commencement of mining, unless otherwise agreed by the Secretary, the Applicant shall lodge a Swamp Offset Bond of $2,000,000 with the Department. If, after 12 months of completion of all mining under this consent within 400 metres of either Sunnyside East or Carne West Swamps, monitoring demonstrates that no greater than 'negligible environmental consequences' have resulted to the swamp from mining under this consent, to the satisfaction of the Secretary, then the Secretary will release the half of the Bond that applies to that swamp. If monitoring demonstrates that greater than 'negligible environmental consequences' have resulted to either of these shrub swamps from mining under this consent, and that these consequences have stabilised for a period of at least 12 months, then the Applicant must offset the environmental consequences to that swamp to the satisfaction of the Secretary within any period specified by the Secretary. The offset liability will be set by the Secretary in consultation with BCS, following consideration of: (a) the estimated liability using the Framework for Biodiversity Assessment in accordance with the NSW Biodiversity Offsets Policy for Major Projects; and (b) advice from the Independent Monitoring Panel that will be established by the Secretary for the development. Once the Applicant has offset the environmental consequences to the satisfaction of the Secretary, the relevant proportion of the Swamp Offset Bond will be returned to the Applicant. Notes: • Alternative funding arrangements, such as provision of capital and management funding as agreed by BCS as part of a Biobanking Agreement or transfer to conservation reserve estate, can be used as part of the Swamp Offset Bond. A bank guarantee can be lodged in place of a cash bond.	Compliant	See EP approvals for details of bonds. Not triggered in the audit period. See letter dated March 2022 - offset approval.	
Swamp Offsets for all other Shrub Swamps				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Finding</th><th>Recommended Action 2025</th></tr>
<tr><td>5</td><td>Prior to the commencement of mining operations under an approved Extraction Plan which are predicted to cause greater than negligible environmental consequences to either Gang Gang South West, Gang Gang East, Pine, Pine Upper, Paddys, Marangaroo Creek or Marrangaroo Creek Upper Swamp, the Applicant shall demonstrate that it can satisfy the maximum predicted offset liability for the total area of swamp(s) predicted to be impacted under that Extraction Plan.
If, after 12 months of completion of all mining under this consent within 400 metres of any of these shrub swamps, monitoring demonstrates that no greater than 'negligible environmental consequences' have resulted to the swamp from mining under this consent, to the satisfaction of the Secretary, then the Applicant will not be required to secure the offset or retire the credits relating to that swamp.
If monitoring demonstrates that greater than 'negligible environmental consequences' have resulted to any of these shrub swamps from mining under this consent, and that these consequences have stabilised for a period of at least 12 months, then the Applicant must offset the environmental consequences to that swamp to the satisfaction of the Secretary within any period specified by the Secretary.
The offset liability will be set by the Secretary in consultation with BCS, following consideration of:
(a) the estimated liability using the Framework for Biodiversity Assessment in accordance with the NSW Biodiversity Offsets Policy for Major Projects; and
(b) advice from the Independent Monitoring Panel that will be established by the Secretary for the development.
Note: Alternative funding arrangements, such as provision of capital and management funding as agreed by BCS as part of a Biobanking Agreement or transfer to conservation reserve estate, can be used as part of the Swamp Offset.</td><td>Compliant</td><td>See EP approvals for details of bonds. Not triggered in the audit period.
See letter dated March 2022 - offset approval.</td><td></td></tr>
<tr><td>6</td><td>As part of each Extraction Plan for mining within 400 metres of the swamps subject to condition 5 above, the Applicant must:
(a) calculate the maximum predicted offset liability for any environmental consequences on these swamps that may result from the proposed mining using the Framework for Biodiversity Assessment in accordance with the NSW Biodiversity Offsets Policy for Major Projects; and
(b) demonstrate that it has suitable arrangements in place to deal with these liabilities quickly in the event that offsets are required.</td><td>Compliant</td><td>This is covered under the LW 428 - 432 EP.

This is a calculation on the size of the area and credits required.</td><td></td></tr>
<tr><td colspan="2">Performance Measures – Built Features</td><td></td><td></td><td></td></tr>
<tr><td>7</td><td>The Applicant shall ensure that the development does not cause any exceedances of the performance measures in Table 2, to the satisfaction of the Secretary.
Table 2: Subsidence Impact Performance Measures.
<table><tr><th>Built Features</th><th>Performance Measures</th></tr><tr><td>Key public infrastructure: Lithgow Water Supply Dam</td><td>No damage or additional risk.</td></tr><tr><td>Power transmission lines and associated towers, unsealed roads and road culverts, fire trails, other public infrastructure, fences and other built features</td><td>Always safe.
Serviceability should be maintained wherever practicable. Loss of serviceability must be fully compensated.
Damage must be fully repairable, and must be fully repaired or else replaced or fully compensated.</td></tr><tr><td colspan="2">Public safety</td></tr><tr><td>Public Safety</td><td>Negligible additional risk</td></tr></table>Notes:
• These performance measures apply to all mining taking place after the date of this consent.
• The Applicant will be required to define more detailed performance indicators for each of these performance measures in the Built Features Management Plans or Public Safety Management Plan (see condition 10 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.
• 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.</td><td>Compliant</td><td>Subsidence monitoring is conducted at least once per longwall and at completion of longwall. Evidence of Powerline Management Plan in the LW 428 - 432. This is based on a 66kV feeder line (Endeavour owned) and a 11kV (Centennial owned).

Based on site communications and the Quarterly Reports - no issues determined with built features or evidence of triggers against performance measures. No evidence of public safety issues above these performance measures.</td><td></td></tr>
<tr><td>8</td><td>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 Resources Regulator. Any decision by the Secretary shall be final and not subject to further dispute resolution under this consent.</td><td>Not triggered</td><td>Not triggered. Nothing noted in the Quarterly Reports.</td><td></td></tr>
<tr><td colspan="2">First Workings</td><td></td><td></td><td></td></tr>
<tr><td>9</td><td>Subject to condition 10 below, the Applicant may carry out first workings within the underground mining area, other than in accordance with an approved Extraction Plan, provided that the Resources Regulator is satisfied that the first workings are designed to remain stable and non-subsiding in the long-term, except insofar as they may be impacted by approved second workings.
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 negligible resulting direct subsidence impacts.</td><td>Compliant</td><td>Correspondence from the Department of Industry Resource and Energy (dated 30 September 2015) indicated the department was satisfied with the stability of first workings in LW419 and LW420.

Note that 2015 correspondence covers off all first workings. Nothing needed for new areas as its the same approach.</td><td></td></tr>
<tr><td colspan="2">Extraction Plan</td><td></td><td></td><td></td></tr>
</table>

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
	The Applicant shall prepare and implement an Extraction Plan for all second workings on site to the satisfaction of the Secretary. Each Extraction Plan must: (a) be prepared in consultation with the Resources Regulator and 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 overlying surface features, including any applicable adaptive management measures; (d) include adequate consideration of mine roof and floor conditions, pillar width to height ratio, final pillar design dimensions and the long-term stability of pillars which has been undertaken in consultation with the Resources Regulator; (e) provide revised predictions of the potential subsidence effects, subsidence impacts and environmental consequences of the proposed mining covered by the Extraction Plan, incorporating any relevant information obtained since this consent; (f) provide revised predictions for potential environmental consequences on affected shrub swamps and the social and economic costs of avoiding these consequences; (g) describe in detail the performance indicators that would be implemented to ensure compliance with the performance measures in Tables 1 and 2, and manage or remediate any impacts and/or environmental consequences to meet the rehabilitation objectives in condition 30 of Schedule 4;	Compliant	Longwalls mined during the audit period include LWs 428-429, LW 430 and 431 commenced in 2025. Other EPs (EP) approved under since the consent was granted include: Longwall 419. Longwall 420-422. Longwall 424-427. There is some ongoing monitoring for these earlier EP areas. **Preparation** a) For the LW424-427 evidence of liaison with Resources Regulator in regards to BFMP, Subsidence Monitoring Program, Public Safety MP. See Appendix 3 of EP Main Document. Note at the time of preparation of LW424-427 and LW484-432, the proponent was required to consult with DPE (now DPHI) (as per modification - June 2021). b) Approval dates for Springvale EPs are as follows: - Approval for LW 420-422 dated 21 April 2017 - Approval for LW 424-427 dated 27 July 2018 - Conditional approval for LW 428-432 dated 15 March 2022. c) Detailed plans were sighted for EPs LW420-422, LW424-427 and LW428-432. d) Section 3.4 of EP Main document. e) DEP main document and sub plans. Also see specialists subsidence reports. f) See Swamp Monitoring Program documents. g) EP Main documents - Section 3.6. **Implementation** • LW428-432 EP has been approved. • Evidence of Annual Reviews. • Quarterly Reports commencing June 2022. This includes actions and government liaison. This includes details of monitoring for subsidence, groundwater, surface water, biodiversity. They also compare against performance measures. These reports summarise when TARPs have been enacted. These are a high quality document. • Evidence of actions entered in Compliance database. This illustrated current and completed actions. Document paths are often shown as evidence. • Cravens photo monitoring reports. • Specific monitoring reports e.g. Shrub swamp and GW monitoring.	IMP REC: Develop an internal register for EP triggers. This would likely be an excel spreadsheet that pulls out triggers, timing, notification requirements. This would be useful for the site team to continue to manage the EP implementation.
	(h) include a: (i) Subsidence Monitoring Program which has been prepared in consultation with the Resources Regulator to: • describe the ongoing conventional and non-conventional subsidence monitoring program: • provide data to assist with the management of risks associated with conventional and non-conventional subsidence; • validate the conventional and non-conventional subsidence predictions; • analyse the relationship between the predicted and resulting conventional and non-conventional subsidence effects and predicted and resulting impacts under the plan and any ensuring environmental consequences; and • inform the contingency plan and adaptive management process in paragraphs (ix) and (x) below; (ii) Built Features Management Plan which has been prepared in consultation with the Resources Regulator, to manage the potential subsidence impacts of the proposed underground workings on built features, and which: • has been prepared in consultation with the owner/s of potentially affected feature/s; • addresses in appropriate detail all items of key public infrastructure and other public infrastructure and all classes of other built features; • recommends appropriate pre-mining mitigation measures to reduce subsidence impacts; and • recommends appropriate remedial measures and includes commitments to mitigate, repair, replace or compensate predicted impacts on potentially affected built features in a timely manner; (iii) Water Management Plan which has been prepared in consultation with DPIE Water, WaterNSW and the Independent Monitoring Panel (required by condition 11), which provides for the management of potential impacts and/or environmental consequences of the proposed underground workings on watercourses and aquifers, including: • detailed baseline data on: - surface water flows and quality in water bodies that could be affected by subsidence, including Wolgan River, Carne Creek, Marangaroo Creek, Coxs River and all major associated tributaries; - groundwater levels, yield and quality in the region;	Compliant	**Preparation** Evidence of separate Subsidence Monitoring Programs, Built Features Management Plans and Water Management Plans for: • Longwall 419. • Longwall 420-422. • Longwall 424-427 (May 2018). • Longwall 428-432 (March 2021). i) Subsidence Monitoring Programs developed during the audit period meet these requirements. Evidence of consultation in Section 11 of MP's and Appendix 2. It is a very detailed summary of consultation. The Subsidence Monitoring Programs meet the requirement of this condition. ii) BFMP developed during IEA period meet these requirements. Evidence of consultation in Appendix 2. The BFMPs meet the requirement of this condition. iii) Specific Water MP's have been prepared during IEA period meet these requirements. Note there are also overarching Water MP's to cover the Project Approval conditions. Evidence of consultation in Appendix 5. The Water MP's (for the EPs) meet the requirement of this condition. **Implementation** Reporting in Annual Review outlines a summary of subsidence management. This section focuses more on measured subsidence (e.g. tilts, strains, vertical subsidence). Also information is included in environmental monitoring reports as well as Section 6.4 (Biodiversity) and Section 7 (Water Management) in the Annual Reviews. No specific comparison between performance measures and how the site has performed (e.g. comparing against criteria). Reporting in Quarterly EP Reports. Section 4 of the reports provide an assessment of compliance (more detail than the Annual Reviews). Minimal built features in the area. Evidence of regular consultation with NPWS.	

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
10	• surface and groundwater impact assessment criteria, including trigger levels for investigating any potentially adverse impacts on water resources or water quality; • a surface water monitoring program to monitor and report on: - stream flows and quality; - stream and riparian vegetation health; - channel and bank stability; • a groundwater monitoring program to monitor and report on: - springs, their discharge quantity and quality, as well as associated groundwater dependent ecosystems; - groundwater inflows to the underground mining operations; - the height of groundwater depressurization; - background changes in groundwater yield/quality against mine-induced changes, in particular, on groundwater bore users in the vicinity of the site; - permeability, hydraulic gradient, flow direction and connectivity of the deep and shallow groundwater aquifers; - impacts of the development on upland swamps (refer to condition 10 below) and other groundwater dependent ecosystems; • a description of any adaptive management practices implemented to guide future mining activities in the event of greater than predicted impacts on aquatic habitat; • a program to validate the surface water and groundwater models for the development, and compare monitoring results with modelled predictions; and • a plan to respond to any exceedances of the surface water and groundwater assessment criteria; (iv) Biodiversity Management Plan which has been prepared in consultation with BCS and the Independent Monitoring Panel, which provides for the management of potential impacts and/or environmental consequences of the proposed second workings on aquatic and terrestrial flora and fauna, with a specific focus on threatened species, populations and their habitats and EECs, including a management and research program for the Blue Mountains Water Skink (*Eulamprus leuraensis*);	Compliant	<u>Surface and Groundwater Implementation</u> • Covered under EP Water Management Plans. • Summarised in Annual Reviews and Quarterly reports. EMM Water reports are also attached. • There is a large amount of detail in these reports and they need to be read in full. • These reports outline results, trends and analysis for swamp groundwater levels, swamp groundwater quality, surface water quality, other piezometers. <u>EP - Biodiversity Management Plan</u> • Covered under the EP Biodiversity Management Plan. • Detailed summaries are included in the Annual Review and Quarterly reports. These need to be read in full to comprehend results, trends and analysis. • Noting the areas covered under the Springvale Swamp Offset Strategy. • Note the 2019-2929 Gospers Mountain Fire. The 2024 Annual Review states the Gospers Mountain fire extensively impacted the surface environment within and significantly beyond the mining lease at Springvale. This resulted in significant impacts to biodiversity (flora and fauna) that is expected to take a number of years (and in cases decades) to recover. Accordingly, monitoring programs include consideration and discussion in this context as appropriate. • Springvale has established performance indicators with escalating triggers and levels of investigation via TARPs within each EP.	
	(v) Swamp Monitoring Program which has been prepared in consultation with BCS, DPIE Water, WaterNSW and the Independent Monitoring Panel, and which includes (as a minimum): • further consideration of the location of existing piezometers and the installation of upslope and downslope piezometers in all shrub swamps, in order to better understand the down-slope movement of shallow groundwater; • installation of flow monitoring points in all shrub swamps; • measures to record the nature and condition of terrestrial and aquatic flora and fauna within all shrub swamps and selected hanging swamps; • measures to characterise soils or peat layers within the swamps to determine: - porosity; - a basis for relating water levels to rainfall and evapotranspiration; and - the presence, or absence, of clay materials at the interface with the underlying bedrock; • a program for monthly review of the water balance of all monitored swamps based on recorded rainfall, estimated evapotranspiration and recorded surface and shallow groundwater levels and outflow measurements; • detailed performance indicators for the relevant performance measures in Table 1, including performance indicators relating to surface and shallow groundwater levels and outflow measurements; • assessment of any post-mining impacts on the incision feature in Sunnyside East Swamp; • specific consideration of subsidence impacts on and environmental consequences to hanging swamps; • consideration of a minimum of 2 years of baseline data for swamp hydrology and swamp vegetation; • hydrological and vegetative monitoring which fully satisfies Before After Control Impact (BACI) design principles; • provision of raw piezometer and other monitoring data to the Department, BCS and the Independent Monitoring Panel, if requested; and • incorporation of any relevant findings from swamp research projects into the swamp monitoring program;	Compliant	<u>Swamp Monitoring Program</u> The Annual 2024 Spring Report highlighted trigger exceedances within plant functional group metrics within Marrangaroo Shrub Swamp, Paddy's Creek Shrub Swamp, Pine Shrub Swamp and Pine Hanging Swamp. Monitoring requirements for threatened species including Boronia deanei is detailed within the LW 415-432 Swamp Monitoring Program. The 2024 Annual Review indicates that Monitoring of Boronia deanei showed: West Gang Gang Swamp recorded B. deanei presence again post-2019 fire, with signs of recovery. Some declines in other swamps, such as Central Carne, may reflect post-fire boom-bust cycles. By enacting the TARP as per the EP the site is meeting the EP requirements. **General Summary from 2024 Annual Review:** <u>Shrub Swamps (Covered by Offset Strategy):</u> • Impact swamps showed generally below the levels of the condition than control sites. Swamps showing signs of decline are covered by approved offset strategies under state and federal approvals. • Vegetation cover remained low in many areas, especially Carne West, Gang Gang, and Marrangaroo. • Drier conditions noted: shift from amphibious to terrestrial plant species. • Slow or limited recovery post-2019 fire. • Trigger exceedances recorded in: - Marrangaroo Shrub - Paddy's Creek - Pine Shrub Overall: Declining health in some swamps, especially those near recent mining. But noting it is covered by the offset strategy. <u>Hanging Swamps - general trends</u> • Generally in good to moderate health. • Live green cover stable or improving. • No major signs of subsidence-related impacts. • Slight vegetation shifts (e.g. fewer wet species), likely climate-related. • One trigger exceedance in Pine Hanging, under review. • Overall: Stable condition, better resilience than shrub swamps.	
	(vi) Land Management Plan which has been prepared in consultation with BCS and any other affected public authorities, which provides for the management of potential impacts and/or environmental consequences of the proposed underground workings on land in general, with a specific focus on cliffs, minor cliffs, pagoda formations, steep slopes and gorges; (vii) Heritage Management Plan which has been prepared in consultation with Heritage NSW and relevant stakeholders for both Aboriginal and non-Aboriginal heritage, which provides for the management of potential environmental consequences of the proposed second workings on Aboriginal and non-Aboriginal heritage and includes all requirements under condition 24 of Schedule 4; (viii) Public Safety Management Plan which has been prepared in consultation with the Resources Regulator and BCS, which ensures public safety and manages access on the site;	Compliant	**vi - Land Management Plan** LMP states no cliffs, pagodas, slopes etc in extraction area. vii - Heritage Management Plan - document prepared and appears to be implemented. viii) - Public Safety Management Plan - document prepared and appears to be implemented. No issues have been noted. Site regularly liaises with NPWS and consultation is included in quarterly reports.	

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
	(ix) TARPs addressing all features in Tables 1 and 2, which contain: • appropriate triggers to warn of increased risk of exceedance of any performance measure; and • specific actions to respond to high risk of exceedance of any performance measure to ensure that the measure is not exceeded; • an assessment of remediation measures that may be required if exceedances occur and the capacity to implement the measures; (x) 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 • an assessment of remediation measures that may be required if exceedances occur and the capacity to implement those measures; (xi) proposes appropriate revisions to the Rehabilitation Management Plan required under condition 32 in Schedule 4; and (xii) includes a program to collect sufficient baseline data for future Extraction Plans. Notes: • *This condition does not apply to first or second workings which are covered by an Extraction Plan or Subsidence Management Plan approved, or submitted for approval, as at the date of this development consent.* • *In accordance with condition 7 in Schedule 6, the preparation and implementation of Extraction Plans may be staged, with each plan covering a defined area of underground workings. In addition, these plans are only required to contain management plans that are relevant to the specific underground workings that are being carried out.* • *Due to the sensitive and rugged terrain of the Newnes Plateau, the Applicant may propose remote subsidence monitoring techniques.*	Compliant	ix - TARP's are present within all EPs and satisfy this condition. Subsidence TARPs TARPs are used to track subsidence indicators such as: Vertical displacement • Tilt and strain • Surface cracking • Impacts on natural features (e.g., swamps, creek lines) • Impacts on built or heritage assets Based on the Annual Reviews 2022 to 2024 these were not triggered in audit period. The AA, Z and Zx TARP Process clearly documented in 2023 and 2024 Annual Review and Quarterly Reports and supported MSEC subsidence Review AA Swamp TARPs The 2024 spring monitoring recorded TARP exceedances (primarily vegetation-related) in the following swamps: • Marrangaroo Shrub Swamp • Paddy's Creek Shrub Swamp • Pine Shrub Swamp • Pine Hanging Swamp These exceedances were based on: • Decline in amphibious species cover • Increase in terrestrial/dry plant groups • Live green cover falling below trigger thresholds. These results were received in March 2025, so formal response actions are being carried into the 2025 reporting period. Trigger at Marrangaroo Shrub Swamp, Paddy's Creek Shrub Swamp, Pine Shrub Swamp and Pine Hanging Swamp on 19 March 2025. Groundwater and other TARPs None noted in our check the Annual Reviews. See above for swamp TARP's.	
			x - Contingency Plans - covered in EP and other management plans. xi - Rehabilitation Management Plan - covered under RMP condition. There has been no specific rehabilitation activities required. xii - Baseline Data - data requirements (past and future) are included in EP and other plans. Continued reporting through Annual Review and Quarterly Monitoring Reports.	
Independent Monitoring Panel				
11	An Independent Monitoring Panel for the development will be established by the Secretary, and be comprised of suitably qualified experts in the fields of mining subsidence, upland swamps and landforms of the western Blue Mountains. The role of the Panel is to provide timely, accurate and focussed advice to the Applicant and the Secretary regarding the: (a) collection of relevant data to predict and monitor the potential subsidence impacts and environmental consequences of second workings; (b) achievement of performance measures in Table 1 in respect of Swamps, Land and Biodiversity, including relevant performance indicators, including avoidance of impacts where reasonable and feasible, rather than relying on remediation and offsets; (c) preparation, revision and implementation of Extraction Plans, particularly the Swamp Monitoring Program, Biodiversity Management Plan and Land Management Plan components; (d) undertaking iterative risk assessment in Extraction Plans, including consideration of all options for avoiding or minimising damage to swamps and all possible adaptive management measures; (e) appropriate implementation of the swamp and groundwater monitoring programs and adaptive management regime throughout the life of the project; and (f) calculation of swamp offset liability and verification of calculated swamp offset liability under conditions 4 and 5 of Schedule 3.	Compliant	Remittance Advice and invoices sighted for the period to recover government costs for the Independent Monitoring Panel. Also evidence in Quarterly Reports which outline the key correspondence.	
PAYMENT OF REASONABLE COSTS				
12	The Applicant shall pay all reasonable costs incurred by the Department to: (a) engage suitably qualified, experienced and independent persons to review the adequacy of any aspect of an Extraction Plan; and (b) establish and operate the Independent Monitoring Panel for the development.	Compliant	Remittance Advice and invoices sighted for the period to recover government costs for the Independent Monitoring Panel. Also evidence in Quarterly Reports which outline the key correspondence.	
SCHEDULE 4 - ENVIRONMENTAL PERFORMANCE CONDITIONS				
NOISE				
Noise Criteria				

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Finding</th><th>Recommended Action 2025</th></tr>
<tr><td>1</td><td>From the date of this consent until 30 June 2016, the Applicant shall ensure that the noise generated by the development does not exceed the criteria in Table 3 at any residence on privately-owned land.
Table 3: Noise Criteria dB(A)
<table>
<tr><th>Location
Receiver Number</th><th>Day</th><th>Evening</th><th colspan="2">Night</th></tr>
<tr><th></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>
<tr><td>S1</td><td>44</td><td>44</td><td>46</td><td>52</td></tr>
<tr><td>S2</td><td>43</td><td>43</td><td>46</td><td>53</td></tr>
<tr><td>S3</td><td>35</td><td>35</td><td>35</td><td>60</td></tr>
<tr><td>All other privately-owned land</td><td>35</td><td>35</td><td>35</td><td>45</td></tr>
</table>
Note: To interpret the locations referred to in Table 3 see the applicable figure in Appendix 4.
Noise generated by the development is to be measured in accordance with the relevant requirements of the NSW Industrial Noise Policy. Appendix 5 details the meteorological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria.
However, these criteria do not apply if the Applicant has a negotiated agreement with the owner/s of the relevant residence or land to generate higher noise levels, and the Applicant has advised the Department in writing of the terms of this agreement.</td><td>Not triggered</td><td>Condition expired prior to audit period. Note timing of condition.</td><td></td></tr>
<tr><td>2</td><td>From 1 July 2016, the Applicant shall ensure that the noise generated by the development does not exceed the criteria in Table 4 at any residence on privately-owned land, or have notified, in accordance with Schedule 5, the owners of residences represented by Receiver Numbers S1 and S2 that they are entitled to acoustic treatment of their residence.
Table 4: Noise Criteria dB(A)
<table>
<tr><th>Location
Receiver Number</th><th>Day</th><th>Evening</th><th colspan="2">Night</th></tr>
<tr><th></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>
<tr><td>S1</td><td>44</td><td>44</td><td>42</td><td>52</td></tr>
<tr><td>S2</td><td>43</td><td>43</td><td>43</td><td>53</td></tr>
<tr><td>S3</td><td>35</td><td>35</td><td>35</td><td>60</td></tr>
<tr><td>All other privately-owned land</td><td>35</td><td>35</td><td>35</td><td>45</td></tr>
</table>
Note: To interpret the land referred to in Table 4 see the applicable figure in Appendix 4.</td><td>Compliant</td><td>Annual Reviews state the development did not exceed the relevant noise criteria in the audit period.</td><td></td></tr>
<tr><td colspan="2">Operating Conditions</td><td></td><td></td><td></td></tr>
<tr><td>3</td><td>The Applicant shall:
(a) implement best management practice to minimise the construction, operational and road noise of the development;
(b) minimise the noise impacts of the development during meteorological conditions under which the noise limits in this consent do not apply (see Appendix 5); and
(c) carry out regular monitoring to determine whether the development is complying with the relevant conditions of this consent,
(d) regularly assess noise monitoring data and modify and/or stop operations on site to ensure compliance with the relevant conditions of this consent, to the satisfaction of the Secretary.</td><td>Compliant</td><td>a) The Western Region Noise Management Plan details best management practices for noise caused by the development and evidence was sighted for the fitting of wind speed alarms to the automatic weather station (AWS). Evidence of crew training and site noise minimisation procedures were also sighted.
b) Springvale uses meteorological monitoring to manage noise in response to enhancing conditions. No exceedances have been noted during the audit period.
c) Annual Reviews during the audit period as well environmental monitoring reports show regular monitoring.
d) Annual Reviews during the audit period as well as an SLR noise monitoring report for Q1 2025 show no exceedances during the audit period.

Note: There is an adaptive weather alarm that alerts operators to adverse wind conditions.

Based on site discussions, in terms of mobile plant the only equipment Springvale can change is dozer related activities.</td><td></td></tr>
<tr><td colspan="2">Noise Management Plan</td><td></td><td></td><td></td></tr>
<tr><td>4</td><td>The Applicant shall prepare and implement a Noise Management Plan for the development to the satisfaction of the Secretary. This plan must:
(a) be prepared in consultation with EPA, and submitted to the Secretary for approval within three months of the date of this consent, unless otherwise agreed by the Secretary;
(b) describe the measures that would be implemented to ensure compliance with the noise criteria and operating conditions of this consent;
(c) describe the proposed noise management system in detail;
(d) include an investigation into the generation and perception of low frequency noise by the project;
(e) include a noise monitoring program that:
• evaluates and reports on:
- the effectiveness of the on-site noise management system;
- compliance against the noise criteria in this consent; and
- compliance against the operating conditions in condition 3 above;
• defines what constitutes a noise incident, and includes a protocol for identifying and notifying the Department and relevant stakeholders of any noise incidents; and
• outlines procedures to manage responses to any complaints or issues raised by the owners of affected residences</td><td>Compliant</td><td><u>Preparation</u>
a) This condition is outside of audit period however it is noted that Springvale updated the Western Region Noise Management Plan (November 2024 (WRNMP).
b) Section 3 and Appendix E of WRNMP.
(c) Section 4 of the WRNMP.
(d) The WRNMP outlines the management of low frequency noise generated by Springvale Colliery operations in Appendix E.
(e) Section 4 and Appendix E evaluates the effectiveness of the WRNMP and compliance with the relevant conditions.
Section 6 describes noise incidents and the response protocol.
Section 6.2 covers the response to complainants.

<u>Implementation</u>
• Evidence of monitoring.
• Evidence of maintenance of equipment.
• No noise complaints.</td><td></td></tr>
<tr><td colspan="2">AIR QUALITY & GREENHOUSE GAS</td><td></td><td></td><td></td></tr>
<tr><td colspan="2">Air Quality Criteria</td><td></td><td></td><td></td></tr>
</table>

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Finding</th><th>Recommended Action 2025</th></tr>
<tr><td>5</td><td>The Applicant shall ensure that all reasonable and feasible avoidance and mitigation measures are employed so that particulate matter emissions generated by the development do not cause exceedances of the criteria in Table 5 at any residence on privately-owned land.
Table 5: Air quality criteria
<table>
<tr><th>Pollutant</th><th>Averaging Period</th><th colspan="2">Criterion</th></tr>
<tr><td>Particulate matter < 10 µm (PM_{10})</td><td>Annual</td><td colspan="2">a,d 25 µg/m³</td></tr>
<tr><td>Particulate matter < 10 µm (PM_{10})</td><td>24 hour</td><td colspan="2">a 50 µg/m³</td></tr>
<tr><td>Total suspended particulates (TSP)</td><td>Annual</td><td colspan="2">a,d 90 µg/m³</td></tr>
<tr><td>c Deposited dust</td><td>Annual</td><td>b 2 g/m²/month</td><td>a,d 4 g/m²/month</td></tr>
</table>
Notes to Table 5:
a Cumulative impact (i.e. increase in concentrations due to the development plus background concentrations due to all other sources).
b Incremental impact (i.e. increase in concentrations due to the development alone, with zero allowable exceedances of the criteria over the life of the development.
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, fire incidents or any other activity agreed by the Secretary.
e "Reasonable and feasible avoidance measures" includes, but is not limited to, the operational requirements in conditions 6 and 7 to develop and implement an air quality management system that ensures operational responses to the risks of exceedance of the criteria.</td><td>Compliant</td><td>Management of particulate matter emission generated by Springvale Colliery is detailed in Appendix E of the Western Region Air Quality and Greenhouse Gas Management Plan (WRAQGHGMP) (November 2024). There are 2 depositional dust gauges (one at the nearest receiver S1 and one on the pit top). A real time dust monitor is also in use. Results of monthly air quality monitoring are included in the Annual Review and on the Centennial website.

There were no exceedance of this criteria during the audit period based on the Annual Review and data. There have been no complaints related to air quality during the audit period.

High level of data capture during the audit period.</td><td></td></tr>
<tr><td colspan="2">Operating Conditions</td><td></td><td></td><td></td></tr>
<tr><td>6</td><td>The Applicant shall:
(a) implement all reasonable and feasible measures to minimise the:
• odour, fume and dust emissions of the development; and
• release of greenhouse gas emissions from the development;
(b) minimise any visible off-site air pollution generated by the development;
(c) minimise the surface disturbance of the site generated by the development;
(d) regularly assess the air quality monitoring data, and modify operations on site to ensure compliance with the relevant conditions of this consent;
(e) minimise the air quality impacts of the development during adverse meteorological conditions and extraordinary events (see note d to Table 5 above),
to the satisfaction of the Secretary.</td><td>Compliant</td><td><u>Preparation (evidence)</u>
a) Low air quality issue risk due to Springvale Mine being an underground operation with generally wet coal. No air quality complaints recorded in Annual Reviews and air quality data from 2022-2024.
b) No dust issues were observed during site inspection.
c) Disturbance footprint has been minimised.
d) Section 3 of AQGHGMP.
e) Section 5.1 of AQGHGMP.

<u>Implementation</u>
During the site inspection it was noted that the ROM coal generally has a high amount of moisture aiding dust suppression, the laydown and workshop areas were also noted to generally be wet.
• Evidence of water cart hire sighted.
• Street sweeper is used when required by Springvale. No evidence of incidents or complaints relating to tracking material onto public roads.
• Minimal surface equipment.

Street sweeper used as required by Springvale, one has now been purchased.</td><td></td></tr>
<tr><td colspan="2">Air Quality & Greenhouse Gas Management Plan</td><td></td><td></td><td></td></tr>
<tr><td>7</td><td>The Applicant shall prepare and implement an Air Quality Management Plan for the development to the satisfaction of the Secretary. This plan must:
(a) be prepared in consultation with the EPA, and submitted to the Secretary within 3 months of the date of this consent, unless otherwise agree by the Secretary;
(b) describe all reasonable and feasible measures which would be implemented to ensure compliance with the air quality criteria and operating conditions of this consent;
(c) describe the air quality management system in detail;
(d) include an air quality monitoring program that:
• uses monitors to evaluate the performance of the development against the air quality criteria in this consent;
• adequately supports the air quality management system;
• evaluates and reports on the:
- the effectiveness of the air quality management system; and
- compliance with the air quality criteria and operating conditions in condition 6 above; and
• defines what constitutes an air quality incident, and includes a protocol for identifying and notifying the Department and relevant stakeholders of any air quality incidents.</td><td>Compliant</td><td><u>Preparation</u>
a) This condition was met before the audit period. The Western Region - Air Quality and Greenhouse Gas Management Plan was last updated in November 2024.
b) Odour, dust, fume and greenhouse gas mitigation is detailed in Section 3 and Appendix E of the AQGHGMP. Springvale has moved from short term to long term monitoring.
c) and d) Section 4 outlines the air quality management system and monitoring program and Appendix E outlines short and long term dust monitoring specific to Springvale. Section 6 defines an air quality incident and the procedure to be followed should an incident occur.

<u>Implementation</u>
• No dust issues were observed during site inspection and no dust complaints have been received during the audit period.
• Evidence of monitoring and management when required.

Note - station is located at Lidsdale as part of regional monitoring network.</td><td></td></tr>
<tr><td colspan="2">Meteorological Monitoring</td><td></td><td></td><td></td></tr>
<tr><td>8</td><td>Within 6 months of the date of this consent and for the life of the development, the Applicant shall ensure that there is a meteorological station in the vicinity of the site that:
(a) complies with the requirements in the Approved Methods for Sampling of Air Pollutants in New South Wales guideline and the NSW Industrial Noise Policy; and
(b) is capable of continuous real-time measurement of atmospheric stability category determined by the sigma theta method in accordance with the NSW Industrial Noise Policy.</td><td>Compliant</td><td>The Springvale Mine AWS continuously monitors temperature, humidity, barometric pressure, wind speed and direction, rainfall and sigma-theta. ALS manage and download data from the AWS, and results are included in the Annual Review and on the Centennial website. Evidence of 6 monthly calibration of the AWS was observed during the audit. System is capable of meeting requirements a and b. Note condition does not specifically relate to implementation.
a) Meteorological monitoring is undertaken in accordance with NSW EPA Approved Method AM-2 and AM-4.
b) Evidence sighted of the real time system. No issues identified.</td><td></td></tr>
<tr><td colspan="2">WATER</td><td></td><td></td><td></td></tr>
<tr><td colspan="2">Water Supply</td><td></td><td></td><td></td></tr>
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Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
9	The Applicant shall ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of operations on site to match its available water supply. 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 development.	Compliant	Section 3.6.1 of the Springvale Mine Water Management Plan (March 2020) states that Springvale Mine meets water requirements with constant supply from underground workings. As the site operates with a water excess, inadequate water supply is a low risk. The site has enough water to operate. There was a 2023 exceedance of WAL36383 share component. Therefore we have deemed them compliant for this condition, but non compliant relating to WAL 3638. The over extraction was due to higher-than-expected groundwater inflows into the mine, which required urgent dewatering to maintain operational safety and environmental compliance.	
10	Unless an EPL authorises otherwise, the Applicant shall comply with section 120 of the POEO Act.	Compliant	120 Prohibition of pollution of waters (1) A person who pollutes any waters is guilty of an offence. 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. (2) In this section-- "pollute" waters includes cause or permit any waters to be polluted. See **Section 5** of the main audit report for more details. 2022- none noted in audit period. **2023 LDP006 Issue** Water discharged at LDP006 was non-compliant with water concentration limits between 13:210 and 14:40 on 14 March 2023 Water discharged at LDP006 was non-compliant with water concentration limits. • pH: 9.8 (limit 6.5 to 9) • Turbidity: 157 NTU (limit 50 NTU) • Total Suspended Solids 44 mg/L (limit 30 mg/L). While undertaking grout repairs to a drain upstream of LDP006 (caused by severe wet weather conditions), a low proportion of water migrated through the work area to the discharge point. The site enacted a series of mitigation measures. **Bore 6 Pipeline Failure - 21 November 2024** Mine water leak on the Springvale Water Transfer pipeline near Bore 6 which was detected on 21 November 2024.The Water transfer pipeline was immediately isolated. A series of actions were completed. **Pipeline Seepage - 5 November 2024** Indirect impact to the Springvale Water Transfer pipeline which has damaged the pipelines integrity, likely caused by a heavy vehicle or machinery. Localised water pooling was observed at the location of the incident on the Newnes Plateau. The overextraction of volume is covered in earlier conditions.	
Compensatory Water Supply				
11	The Proponent shall provide a compensatory water supply to any landowner of privately owned land whose water supply is adversely and directly impacted (other than an impact that is negligible) as a result of the project, in consultation with DPIE Water, and to the satisfaction of the Secretary. The compensatory water supply measures must provide an alternative long-term supply of water that is equivalent to the loss attributed to the project. Equivalent water supply should be provided (at least on an interim basis) within 24 hours of the loss being identified. If the Proponent and the landowner cannot agree on the measures to be implemented, or there is a dispute about the implementation of these measures, then either party may refer the matter to the Secretary for resolution. If the Proponent is unable to provide an alternative long-term supply of water, then the Proponent shall provide alternative compensation to the satisfaction of the Secretary.	Not triggered	Based on site discussions this has not been triggered.	
Water Management Performance Measures				
	The Applicant shall comply with the performance measures in Table 6 to the satisfaction of the Secretary. Table 6: Water Management Performance Measures *Feature* — *Performance Measure* Water Management – General: • Minimise the use of clean water on site • Minimise the use of water from external sources • Design, install and maintain erosion and sediment controls generally in			

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
12	**Construction and operation of infrastructure** • Design, install and maintain erosion and sediment controls generally in accordance with the series *Managing Urban Stormwater: Soils and Construction* including *Volume 1, Volume 2A – Installation of Services* and *Volume 2C – Unsealed Roads* • Design, install and maintain the infrastructure within 40 m of watercourses generally in accordance with the *Guidelines for Controlled Activities on Waterfront Land* (NRAR 2018), or its latest version • Design, install and maintain creek crossings generally in accordance with the *Policy and Guidelines for Fish Friendly Waterway Crossings* (NSW Fisheries, 2003) and *Why Do Fish Need To Cross The Road? Fish Passage Requirements for Waterway Crossings* (NSW Fisheries 2003), or their latest versions **Clean water diversion** • Maximise as far as reasonable and feasible the diversion of clean water around disturbed areas on site, except where clean water is captured for use on site **Sediment dams** • Design, install and maintain the new dams generally in accordance with the series *Managing Urban Stormwater: Soils and Construction – Volume 1* and *Volume 2E – Mines and Quarries* **Mine water storages** • Design, install and maintain mine water storage infrastructure to ensure no unlicensed or uncontrolled discharge of mine water off-site • Minimise discharges to surface waters as far as reasonable and practicable • New storages (mine infrastructure dams, groundwater storage and treatment dams) are suitably treated to comply with a permeability standard of < 1×10^{-9} m/s **Mine water discharges** • Discharge all groundwater inflow mine water (except from the Renoun workings) through the Springvale Delta Water Transfer Scheme • Meet a limit for salinity of 500 (90th percentile) µS/cm EC by 30 June 2019 • Eliminate acute toxicity from LDP009 discharges to aquatic species by 30 June 2017, and chronic toxicity from LDP009 discharges to aquatic species by 30 June 2019, or when the Springvale Water Treatment Project is operational, whichever occurs first with acute toxicity defined as >10% effect relative to the control group and chronic toxicity defined as >20% effect relative to the control group • Meet a discharge limit of 0 ML/day of mine water through LDP009 into the Springvale Delta Water Transfer Scheme by 1 July 2019 **Aquatic and riparian ecosystems** • Maintain or improve baseline channel stability • Develop site-specific water quality objectives in accordance with the ANZECC Guidelines and *Using the ANZECC Guidelines and Water Quality Objectives in NSW* procedures (DECC 2006), or its latest version	Compliant	<u>Water Management General -</u> Clean water diversions on site. Shown in Water MP. Only council water is used is for drinking water and toilets. <u>Construction and operation of infrastructure -</u> No changes to water management structures. Evidence of purchase orders illustrating erosion and sediment designs. No unlicenced discharges. <u>Clean water diversion -</u> Clean water diversions on site. Shown in Water MP. <u>Sediment dams -</u> No unlicenced discharges from sediment dams only releases from LDP's. Evidence of sediment basin surveys and dam maintenance, <u>Mine water storages -</u> No issues noted. <u>Mine water discharges -</u> No unlicenced discharges. Water mostly goes to water treatment plant. LDP009 does not discharge. <u>Aquatic and riparian ecosystems -</u> Evidence of SLR reports for Stream Health and Channel Stability Monitoring. These cover the pit top and plateau monitoring. Note there is also monitoring completed as part of the EP in creek lines which includes photos, ponding, scouring. There appears to be some overlap between the EP monitoring and the SLR Stream Health and Channel Stability Monitoring. We also note that SLR has monitored some areas that have been not mined in many years, hence the benefit of monitoring in areas where subsidence occurred many years ago is questionable.	IMP REC: Review the Stream Health and Channel Stability Monitoring Program for the suitability of locations for areas. E.g. Areas that have been subsided many years ago may not need to be monitored. This may require updates to approvals.
	Feature / ***Performance Measure*** **Chemical and petroleum storage** • Chemical and hydrocarbon products to be stored in bunded areas in accordance with the relevant Australian Standards	Non-compliant	NC on hydrocarbon storage. This is based on seeing some hydrocarbons noted stored as per Australian Standards AS 1940, which requires bunding of AS 1940 requires that bunds or secondary containment systems must have a capacity of at least 110% of the volume of the largest tank or container stored within that bunded area. The field inspection noted: • 2 x 20L hydraulic oil containers were not stored in bunds. They also showed signs of leakage on the ground. • There was one IBC containing around 300L of lubricant. It was stored on a bund that would only store around 200L of liquid if leakages occurred. • There was a leakage from the mobile electrical transformer unit. this was stored on the surface with evidence of staining adjacent to the area of the leak. • 1 x IBC of what appeared to be hydraulic oil. This had around 600L of material and was not stored on a bund. • Several areas of recent and historical staining on site. Despite noting these issues around 95% of hydrocarbons onsite were stored as per AS 1940 requirements.	NC REC: Ensure hydrocarbons are stored as per AS 1940. NC REC: Remove the mobile electrical transformer unit from site and ensure the leakages are handled correctly. IMP REC: Ensure older hydrocarbon stains in the laydown area are scalped up, with material removed from site to a licenced facility to handle the contamination.
Upper Coxs River Action & Monitoring Plan				
13	The Applicant shall prepare an Upper Coxs River Action & Monitoring Plan for the development to the satisfaction of the Secretary. This plan must: (a) be prepared in consultation with DPIE Water, WaterNSW, EPA and Energy Australia; (b) be submitted to the Secretary for approval by 30 June 2016, unless otherwise agreed by the Secretary; (c) identify all available water management measures designed to achieve the mine water discharge criteria and associated timeframes required by condition 12 above, including potential transfer of mine water to Mt Piper Power Station and consideration of all licensed discharge points within the Upper Coxs River catchment (including at Springvale Mine, Lidsdale Siding, Western Coal Services and Angus Place Colliery); (d) include a financial justification and timetable for achieving reductions in salinity in the Upper Coxs River to 500 (90th percentile) µS/cm EC by June 2019 and identify enforceable mechanisms for the implementation of the proposed measures; (e) include a monitoring program which is based on: • water quality, macroinvertebrate and ecotoxicology monitoring across the Coxs River Catchment to measure performance against a long term water quality objective of 350 µS/cm EC and the impacts of salinity and toxicity changes on the aquatic ecology and ecosystem health of the Cox River; • water quality parameters to be monitored at all existing and proposed licensed discharge points (focusing on those parameters that have been identified as having potential to cause harm to the environment, the frequency of monitoring and concentration limits required by condition 12 above and any EPL that applies to the site); • a TARP identifying actions to be implemented should any concentration limits be exceeded (focusing on the extent to which exceedances might affect aquatic ecology); and (f) provide for status reports, to be submitted to the EPA and WaterNSW by 30 June 2017 and 30 September 2020, on the impact of the mine water discharges on the aquatic environment.	Compliant	<u>**Preparation**</u> a) Evidence of correspondence with WaterNSW and DPIE Water is contained in Appendix B. Evidence of outgoing correspondence with Water NSW and DPIO Water. Document is approved, therefore IEMA is satisfied with meeting consultation requirements. b) This condition was not triggered during the audit period. However it is noted that Springvale submitted revision for approval in 2023. c) Section 4 of Springvale Mine - Upper Coxs River Action and Monitoring Plan (UCRAMP) (June 2023). d) The reduction is acknowledged in Section 5.1. e) Environmental water quality in Section 8.1 of UCRAMP, discharge water quality in Section 8.2 of UCRAMP, TARPs in Section 5.5 of UCRAMP . f) Section 7 provides a schedule of works that covered this requirement <u>**Implementation**</u> Section 7.1 of Annual Reviews in the audit period provide updates on the Cox's River Management Plan. Other Annual Reviews include a summary of the water quality monitoring and mitigation measures in several sections. The reports have a lot of detail and provide some discussions on trends.	
Water Management Plan				

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
14	The Applicant shall prepare and implement a Water Management Plan for the development to the satisfaction of the Secretary. This plan must: (a) be prepared in consultation with DPIE Water, WaterNSW, BCS and the EPA, by suitably qualified and experienced person/s whose appointment has been approved by the Secretary; (b) be submitted to the Secretary for approval within 6 months of the date of this consent, unless otherwise agreed by the Secretary; (c) include detailed performance criteria and describes measures to ensure that the Applicant complies with the Water Management Performance Measures (see Table 6); (d) in addition to the standard requirements for management plans (see condition 2 of Schedule 6), this plan must include a: (i) Site Water Balance that: • includes details of: - sources and security of water supply, including contingency planning for future reporting periods; - water use and management on site; - any off-site water discharges; and - reporting procedures, including the preparation of a site water balance for each calendar year; and • investigates and implements all reasonable and feasible measures to minimise water use on site;	Compliant	**Preparation** a) Section 1.1.1 and Appendix 1 of the WMP (3/2020) details correspondence with the relevant agencies. b) Not applicable as outside audit period. c) Section 6.2 includes the performance criteria and contains measures to achieve the relevant criteria in TARPS contained in Appendix 3. d) Compliance with the sub-conditions are detailed below: i) Site water balance is contained in Section 3.6 and graphically shows sources of water as well as the conceptual management including treatment and discharge. Table 3-4 provides further detail. Evidence of Citec system and LDP006 water quality and discharge volume live data sighted (ALS). Note, the site has been undertaking edits to this plan in consultation with DPHI.	
	(ii) Surface Water Management Plan, that includes: • detailed baseline data on water flows and quality in the waterbodies that could be affected by the development, including Wolgan River, Carne Creek, Marrangaroo Creek and Paddys Creek, Coxs River, Lake Lyell, Lake Wallace, Lake Burragorang and associated tributaries; • a detailed description of the water management systems on site, including the: - clean water diversion systems; - erosion and sediment controls; and - mine water management systems; • detailed objectives and performance criteria, including trigger levels for investigating any potentially adverse impacts associated with the development for: - the water management system; - downstream surface water quality; - downstream flooding impacts; and - stream and riparian vegetation health for rivers and creeks and their tributaries potentially impacted by the development; - design and management for the emplacement of coal reject materials; - restoration of an appropriate drainage network on the rehabilitated areas of the site; and - control of any potential water pollution from the rehabilitated areas of the site; • a program to monitor and report on: - the performance measures listed in Table 6; - the effectiveness of the water management system; - surface water flows, quality and geomorphology of the watercourses potentially affected by the development within and immediately outside of the site; - the seepage/leachate from on-site water storages; and - downstream flooding impacts;	Compliant		
	• consideration of any EPA review of licensed discharge points for the development and any further advice from WaterNSW in relation to water discharges; • an updated Regional Water Quality Impact Assessment Model having regard for variations in Lake Burragorang (salinity and volume) and spillages from Lake Lyell; • reporting procedures for the results of the monitoring program; • a program to validate the Regional Water Quality Impact Assessment Model, including an independent review of the model every 3 years, and comparison of monitoring results with modelled predictions; and • a plan to respond to any exceedances of the performance measures, and repair, mitigate and/or offset any adverse surface water impacts of the development; and	Compliant	Noted. These parts are covered under the Water Management Plan. Evidence of model review.	

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
	(iii) Groundwater Management Plan, which is consistent with the NSW Government's guideline entitled Groundwater Monitoring and Modelling Plans – Introduction for prospective mining and petroleum activities, and includes: • detailed baseline data of groundwater levels, yield and quality in the region that could be affected by the development, including licensed privately-owned groundwater bores and a detailed survey/schedule of groundwater dependent ecosystems; • groundwater assessment criteria including trigger levels for investigating any potentially adverse groundwater impacts; • a program to monitor and report on: - springs and their discharge quantity and quality; - groundwater inflows transferred to the surface water management system; - the seepage/leachate from water storages and emplacements; - impacts of the development on: o regional and local (including alluvial) aquifers; o groundwater supply of potentially affected landowners; and o groundwater dependent ecosystems (including rules for the management of groundwater level impacts to protect GDEs), and riparian vegetation; • a program to validate the groundwater model for the development, including an independent review of the model every 3 years, and comparison of monitoring results with modelled predictions; and • a plan to respond to any exceedances of the performance measures.	Compliant	**Preparation:** WMP issued in 2020 covers groundwater management plan is covered in sections 4, 5, 6 and 7. **Implementation:** The groundwater management plans provide the requirements under the NSW guidelines and address most of the requirements. IEMA reviewed a selection of groundwater data from the spreadsheets provided, however it was not a full dataset. Data reviewed indicates that groundwater monitoring has been conducted in accordance with the Water Management Plan through the audit period. No issues noted when comparing data from Annual Reviews to management plan requirements. Evidence was provided however of a groundwater model review. There is also a large amount of reporting through the EP process and the quarterly EP reports.	
BIODIVERSITY				
Biodiversity Offset Strategy				
15	By the end of December 2016, the Applicant shall update the Western Projects Biodiversity Strategy (RPS Australia East Pty Ltd, 1 October 2014) to provide a suitable offset for: (a) the clearing of 4 hectares of native vegetation associated with the construction of Bore 8; and (b) the clearing of 8.94 hectares of native vegetation associated with surface infrastructure for the development; to the satisfaction of BCS and the Secretary. These offsets must be developed in accordance with the NSW Biodiversity Offset Policy for Major Projects, or its current version.	Compliant	a) Section 4.1.4 of Biodiversity Offset Strategy - Western Region (February 2019) and further details in Appendix 1. b) Appendix 1 contained in Table A1.2. Works mostly include weed spraying and pest management across the regional offset sites. Mostly blackberry and thistle management. Pest management is mostly pigs and its very minimal. Evidence of Annual Reports - Biobanking Stewardship reports for active land management.	
Long Term Security of Offset				
16	By the end of December 2016, unless the Secretary agrees otherwise, the Applicant shall make suitable arrangements to protect the biodiversity offset areas referred to in condition 15(a)&(b) above in perpetuity, to the satisfaction of the Secretary.	Compliant	Note there was a historical non-compliance during the previous audit period. However this has been completed in the previous audit period.	
Stygofauna Assessment				
17	The Applicant shall prepare and implement a Regional Stygofauna Monitoring and Assessment Plan for the development to the satisfaction of the Secretary. This plan must: (a) be prepared in consultation with BCS, and be submitted to the Secretary for approval within 6 months of the date of this consent, unless otherwise agreed by the Secretary; (b) provide for ongoing monitoring for stygofauna in at least one borehole in each aquifer where stygofauna are known to occur; (c) monitor for the presence of stygofauna in the deep aquifer system (AQ1 to AQ3); (d) collate existing available information on groundwater bores, water quality and characteristics in Centennial Coal's mines throughout the Western Coalfield; (e) use this information to form a prioritisation list of likely areas for GDEs to occur; (f) use the prioritisation protocol to identify bores that can be sampled to provide data on the presence and significance of fauna both within and outside mine areas; (g) identify any stygofauna found to a minimum of Family level; (h) advise on the significance of the findings; and (i) examine relationship between bore characteristics and presence of stygofauna	Not triggered	**Preparation** a) Management plan is approved and on the website and is dated June 2018. Section 1.6 outlines consultation. b) Section 4.3 of SMAP c) Section 4.3 of SMAP d) Section 3.3 of SAMP e) Section 3.4 of SAMP f) Section 3.4.1 Table 3-3 of SMAP g) Section 4.5 of SMAP h) Section 4.6 of SMAP i) Section 4.6 of SMAP **Implementation** Stygofauna monitoring has now been discontinued. Not required based on the plan commitments.	
Biodiversity Management Plan				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
18	The Applicant shall prepare and implement a Biodiversity Management Plan for the development to the satisfaction of the Secretary. This plan must: (a) be prepared in consultation with BCS, Forestry Corporation of NSW and DAWE and be submitted to the Secretary for approval by the end of December 2016, unless otherwise agreed by the Secretary; (b) establish baseline data for existing remnant vegetation and habitat on site; (c) describe the short, medium, and long-term measures to be implemented to manage remnant vegetation and habitat on the site, including upland swamps; (d) describe an ongoing monitoring program and TARP for upland swamps and EECs with a particular focus on subsidence-related changes to surface and ground water drainage; (e) include a detailed description of the measures that would be implemented to: • minimise impacts to fauna on site, including undertaking pre-clearance surveys; • control weeds and feral pests (including goats, rabbits, foxes, cats and pigs); • control erosion; • control access; and • manage bushfire risk; (f) include a program to monitor and report on the effectiveness of these measures and progress against detailed performance and completion criteria; and (g) include details of who would be responsible for monitoring, reviewing, and implementing the plan.	Compliant	**Preparation** a) Evidence of invitation for consultation was sighted for BCD, DAWE and Forestry for NSW. DAWE provided feedback in a letter dated 8 April 2022. Note its never been approved with the most recent plan is 2025 document. b) A description of the regional environment is contained in Section 3. Baseline data for Springvale is contained in Appendix G Section 2. c) Appendix G Section 4, Tables 8 and 9. d) TARPs for upland swamps and EECs are contained in the EPs as required under S3-C10. e) Management of fauna is detailed in Section 6.5, weed management is in Section 6.6, pest management is detailed in Section 6.7, bushfire management is in Section 6.9, unauthorised access is managed in Section 6.9.5. Erosion control is not specifically addressed but is noted as an issue in Section 6.6.1. f) Monitoring methods described in Section 6 and Appendix G Section 4.2.5 provide a method to gauge effectiveness of biodiversity methods. Section 7.3 includes the reporting requirements. g) Section 7.1 details roles and responsibilities for the BMP including its review. The Biodiversity Management Plan has never been approved and is still out for comment. There has been a long history of changes, amendments and consultation to try and get it approved. Note: Centennial is working with DPHI to finalise the management plan hence no further recommendations. Note: Inspection did not include offset areas or the plateau areas. The inspection covered the pit top area and did not identify any biodiversity issues. **Implementation** • Evidence of baseline data is provided in the BMP. • Short/medium/long term measures are provided in BMP and are monitoring against in the monitoring reports. • Monitoring program and TARP have been developed and are being measuring against in the annual monitoring reports. • Monitoring reports generally cover these requirements. • The monitoring reports looks into the effectiveness of the measures outlined in the Biodiversity Management Plan and performance criteria. • The Biodiversity Management Plan defines who is responsible. Evidence of clearance management for the pipeline works. Includes land disturbance permit, access agreement, clearance certificates. Note the EP has a separate Biodiversity Management Plan which relates to biodiversity and subsidence management.	
Catchment Improvement and Land Management Plan				
18A	The Applicant must prepare and implement a Catchment Improvement and Land Management Plan for the land shown in yellow highlight in Appendix 7, to the satisfaction of the Secretary. This plan must: (a) be prepared in consultation with Local Land Services, WaterNSW and BCS, and be submitted to the Secretary for approval by the end of October 2017; (b) describe the measures that would be implemented to protect and manage the subject land, and improve its riparian habitat; (c) detail the schedule of works, completion criteria and the monitoring program that would be implemented to measure the success of the improvements; and (d) make arrangements to manage, protect and provide long-term security for the subject land.	Compliant	GHD management plan from 2018. Evidence in Section 6.4 of Annual Review outlines activities relating to Land Management Monitoring. The plan relates to the Cox's River area. Evidence of the Coxs River Improvement and Land Management Review 2023.	
TRANSPORT				
Monitoring of Coal Transport				
19	The Applicant shall monitor and report on: (a) the amount of coal transported from the site by conveyor, private haul roads and, if used, public roads (on a daily basis); (b) make these records publicly available on its website at the end of each calendar quarter. to the satisfaction of the Secretary	Compliant	a) Coal transport data maintained throughout the audit period. b) Coal transport records were downloaded from Centennial website.	
Road Transport Restrictions				
20	20. The Applicant shall ensure that any truck leaving the site: (a) does not carry dirt or mud onto public roads; and (b) is free of material that may fall on the road and create a road safety hazard or public nuisance, to the satisfaction of the Secretary.	Compliant	a) The COR checklist contains an item to ensure that trucks do not carry dirt or mud onto road. There is a sign when you leave site. b) The COR details the responsibilities to ensure loads are secured and do not generate a hazard. Signage is also visible requiring loads to be covered upon exiting Springvale. Based on site communications there was no coal road transport during the audit period. Note inspections of public roads is included in monthly inspection checklist. There has been no construction, with operations as per previous periods.	
Mine Access Road Intersection Upgrade				
21	Unless the Secretary agrees otherwise, when peak two-way traffic volume on the Castlereagh Highway at its intersection with the Mine Access Road exceeds 400 vehicles per hour, the Applicant shall upgrade that intersection to include a Channelised Right Turn in accordance with Austroads standards, to the satisfaction of TfNSW. Note: Circumstances in which the Secretary may agree to vary the requirement to upgrade the intersection include limited remaining life for mining operations under this consent.	Not triggered	Centennial informed IEMA that consultation first started in 2015. The 20 May 2025 letter from Centennial to Transport for NSW states: *Given the above background and considering that Springvale mining operations are currently authorised under SSD 5594 to continue only until 31 December 2028, upgrading the road conditions is not considered warranted due to the limited remaining life of the mining operations at the site.* Centennial still working with Traffic NSW to provide defined solution. Centennial has put a letter (20 May 2025) into the DPHI portal that has all the correspondence dating back many years. Centennial would like to close the matter given the life of the mine and the fact traffic numbers have reduced over the years due to the closure of the power station and Angus Place Mine being on care and maintenance.	IMP REC: Follow up with DPHI on the outcome of the intersection letter.

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
NSW National Parks and Wildlife Service Roads				
22	The Applicant must maintain NSW National Parks and Wildlife Service access roads when being used for construction and/or exploration activities, to the satisfaction of the NSW National Parks and Wildlife Service.	Compliant	Road maintenance on the plateau. Liaison with NPWS. Evidence of road dilapidation report for Booster 1 to Booster 2. The dilapidation report summarised the general road condition: *The surface of the track as inspected was generally in fair to reasonable condition, primarily due to the recent works to patch and repair the surface as noted above, however the track surface was quite dry and dusty. The surface was all largely gravel with some clay and sandy sections.* Evidence of inspections of the route and access track during the booster 1 to booster 2 project. Centennial has been working with NPWS to reduce the number of roads on the plateau for monitoring to align with NPWS management objectives as described in the Annual Review.	
HERITAGE				
Protection of Aboriginal Heritage Items				
23	Unless otherwise authorised under the National Parks and Wildlife Act 1974, the Applicant shall ensure that the development does not cause any direct or indirect impact on identified Aboriginal heritage items located outside approved disturbance areas on the site. Note: Identified Aboriginal heritage items are shown on the figure in Appendix 6.	Compliant	• Attachment 6 of Western Regional Aboriginal Heritage Management Plan (May 2025) details measures to avoid impacts to Aboriginal heritage items. • Heritage site due diligence report for plateau pipeline upgrade. Each package of work has a heritage review. • Heritage risk identified in the disturbance permits. • No evidence provided of incidents regarding Aboriginal heritage outside of disturbance boundaries. • No other disturbance at the pit top. • Heritage management as part of the EP. Monitoring depends on the type of site. e.g. for grinding groove - subsidence survey, laser survey, general inspection.	
Heritage Management Plan				
24	The Applicant shall prepare and implement a Heritage Management Plan for the development to the satisfaction of the Secretary. This Plan must: (a) be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Secretary; (b) be prepared in consultation with Heritage NSW, Council and local Aboriginal stakeholders (in relation to management of Aboriginal heritage values); (c) be submitted to the Secretary for approval within 6 months of the date of this consent, unless the Secretary agrees otherwise; (d) include a description of the measures that would be implemented for: • managing the discovery of human remains or previously unidentified heritage items, including historic heritage items, on site; • ensuring any workers on site receive suitable heritage inductions prior to carrying out any development on site, and that suitable records are kept of these inductions; (e) include the following for the management of Aboriginal heritage: • a description of the measures that would be implemented for: - protecting, monitoring and/or managing the heritage items identified in Table 1 (including any proposed archaeological investigations and/or salvage measures); - managing the discovery of previously unidentified Aboriginal items on site; - conserving the sites outside approved disturbance areas (see Appendix 6), including measures that would be implemented to secure, analyse and record any sites at risk of subsidence impacts; - maintaining and managing reasonable access for Aboriginal stakeholders to heritage items on site; - ongoing consultation with the Aboriginal stakeholders in the conservation and management of Aboriginal cultural heritage on site; and (f) include the following for the management of non-Aboriginal heritage items: • a description of the measures that would be implemented for: - protecting, monitoring and managing the heritage items identified in Appendix 6; and - managing the discovery of previously unidentified cultural heritage items on site. Note: This plan can be incorporated with any Aboriginal Cultural Heritage Management Plan for Centennial Coal's other mines and mine infrastructure in the Lithgow Local Government Area.	Compliant	**<u>Preparation:</u>** This condition is covered by 2 management plans. a) Both management plans were developed by endorsed expert. b) Attachment 8 contains a consultation log. c) Correspondence with DPHI approving the ACHMP dated 4 June 2025 was sighted. ACHMP most recently approved on 4/6/2025. d) Section 6.7 of ACHMP details the procedure for unexpected finds, including a protocol for human skeletal remains. Section 7.1 and 7.2 of HHMP detail protocols for unexpected finds including skeletal remains. Section 8.2 of HHMP and Section 10 of ACHMP details the requirement for workers to receive heritage inductions. e) The ACHMP addresses the management of existing sites in Section 6, management of previously unknown sites in Section 6.7, sites outside the approved disturbance boundary are addressed in Section 6, maintaining Aboriginal stakeholder access in Section 7 and continued stakeholder engagement in Section 8.1. f) Section 6.5 and Section 6.6 of AHMP detail procedures for the management of identified Aboriginal heritage sites. Section 6.7 details procedures for the discovery of previously unknown aboriginal heritage items. Section 6.8 details procedures for the care and control of discovered Aboriginal heritage items. **<u>Implementation:</u>** As per C23, evidence in compliance database of planning of heritage management actions. No impacts outlined in Annual Reviews. No evidence of issues identified by the audit. For the Booster 1 to Booster 2 project the due diligence assessment identified that *'To mitigate the likelihood of impacts occurring to the heritage site, all Woody debris should not be placed on this side of the road or within a 20m vicinity of the area. To ensure this does not occur the heritage site shall be barricaded and all personal involved in the project will be advised of the site's location'.*	
VISUAL				
Visual and Lighting				
25	The Applicant shall: (a) implement all reasonable and feasible measures to minimise the visual and off-site lighting impacts of the development; (b) ensure that all external lighting associated with the development complies with Australian Standard AS4282 (INT) 1997 – Control of Obtrusive Effects of Outdoor Lighting, or its latest version; (c) ensure that the visual appearance of all buildings, structures, facilities or works (including paint colours and specifications) is aimed at blending as far as possible with the surrounding landscape, to the satisfaction of the Secretary.	Compliant	a) Controlled in the Standard. Note 2018 lighting audit - no audit since. Evidence of solar lighting tower added in 2023. b) Addressed in the Standard. c) No visual issues identified during site inspection. Site is generally not visible from public areas and there have been no lighting or visual complaints during audit period. No changes to lighting during the period that would affect public visibility.	
BUSHFIRE MANAGEMENT				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
26	The Applicant shall: (a) ensure that the development is suitably equipped to respond to any fires on site; and (b) assist the Rural Fire Service and emergency services as much as possible if there is a fire in the surrounding area.	Compliant	No bushfire events. Evidence of Bushfire Management Plan.	
WASTE				
27	The Applicant shall: (a) implement all reasonable and feasible measures to minimise the waste (including coal reject) generated by the development; (b) ensure that the waste generated by the development is appropriately stored, handled and disposed of; and (c) monitor and report on effectiveness of the waste minimisation and management measures in the Annual Review, to the satisfaction of the Secretary.	Compliant	a) Based on site discussions waste is being inspected and minimised b) Waste process chart. Evidence of return to earn process with designated bins. The money raised goes to charity. c) Annual Reviews summarise issues. Effectiveness of waste minimisation and management measures. **Field notes** Large amounts of disused equipment (e.g. used conveyor belts, transformers) in laydown areas and a small some could potentially be classified as waste and removed. There was also general rubbish onsite that was on the edge of site boundary. Note the non-compliance and recommendations relating to hydrocarbon management (not specifically waste) is included in Schedule 3 Condition 12 and EPL Condition O1.1.	
EXPLORATION ACTIVITIES & SURFACE INFRASTRUCTURE				
Exploration Activities and Minor Surface Infrastructure Management Plan				
28	The Applicant shall prepare and implement an Exploration Activities and Minor Surface Infrastructure Management Plan for the development to the satisfaction of the Secretary. This Plan must: (a) be prepared by suitably qualified and experienced person/s whose appointment has been endorsed by the Secretary; (b) be prepared in consultation with the Resources Regulator and the Forestry Corporation of NSW; (c) be submitted to the Secretary for approval within 6 months of the date of this consent or prior to carrying out exploration activities causing surface disturbance or constructing surface infrastructure (whichever is the earlier), unless the Secretary agrees otherwise; (d) include a description of the measures that would be implemented for: • managing exploration activities; • managing construction and operation of minor surface infrastructure (including mine water drainage bores, service boreholes and infrastructure corridors) and associated access tracks; • consulting with and compensating affected landowners; • avoiding threatened species, populations or their habitats and EECs; • minimising clearance and disturbance of native vegetation; • minimising erosion and sedimentation; • achieving applicable standards and goals; and • rehabilitating disturbed areas. Note: This condition does not apply to the construction of approved surface infrastructure in the Springvale Pit Top area.	Compliant	Exploration sites have been rehabilitated as far as practicable. However some exploration bores contain piezometers, and due to ongoing access and monitoring requirements are not yet available for completion of rehabilitation. Piezos are installed in a reasonable time frame. No change to large infrastructure including ventilation, dewatering facilities etc. **Preparation** a) Management plan states SLR consulting was endorsed in Section 2.1. IEMA sighted a letter from DPE dated 11 November 2015 endorsing the experts. b) Approved document meets consultation requirements. The site continues to consult with NWPS following the change in landowner. c) Approval letter from DPE dated 20 October 2016. d) The following description of measures are found in the sections described below: • Management of exploration activities and construction/operation of minor surface infrastructure is detailed in Section 2.4. • Landowner consultation and compensation is addressed in Section 2.1.2. • Avoiding threatened species or EECs is detailed in Section 2.2.1. • Minimising vegetation clearance is detailed in Section 2.4.5. • Minimising erosion and sediment is detailed in Section 2.4.5. • Relevant guidelines and standards to achieve are outlined in Section 1.6.7. • Rehabilitating disturbed areas is detailed in 2.5. **Implementation** • Exploration is outlined within Section 4 of each Annual Review during the audit period and the rehabilitation of exploration sites is described within Section 8 (if applicable). • Based on site discussion Springvale Coal is conducting Preclearance Due Diligence reports.	
REHABILITATION				
Rehabilitation Objectives				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Finding</th><th>Recommended Action 2025</th></tr>
<tr><td>30</td><td>The Applicant shall rehabilitate the site to the satisfaction of the Resources Regulator. This rehabilitation must be generally consistent with the proposed rehabilitation strategy described in the EIS, and comply with the objectives in Table 7.
Table 7: Rehabilitation Objectives
<table>
<tr><th>Feature</th><th>Objective</th></tr>
<tr><td>Mine site (as a whole)</td><td>• Safe, stable & non-polluting</td></tr>
<tr><td>Rehabilitation materials</td><td>• Materials from areas disturbed under this consent (including topsoils, substrates and seeds) are to be recovered, managed and used as rehabilitation resources</td></tr>
<tr><td>Surface infrastructure</td><td>• To be decommissioned and removed unless the Resources Regulator agrees otherwise
• All surface infrastructure sites are to be revegetated with suitable local native plant species to a landform consistent with the surrounding environment</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>Revegetated final landforms</td><td>• Stable and sustain the intended land use
• Consistent with surrounding topography to minimise visual impacts
• Incorporate relief patterns and design principles consistent with natural drainage</td></tr>
<tr><td>Native flora and fauna</td><td>• Flora species used in rehabilitation selected to re-establish and complement local and regional biodiversity
• Rehabilitated areas contribute to achieving self-sustaining biodiversity habitats</td></tr>
<tr><td>All watercourses subject to mine-water discharges and/or subsidence impacts</td><td>• Hydraulically and geomorphologically stable, with aquatic ecology and riparian vegetation that is the same, or better than prior to grant of this consent</td></tr>
<tr><td>Cliffs, minor cliffs and steep slopes</td><td>• No additional risk to public safety compared to prior to mining</td></tr>
<tr><td>Other land affected by the development</td><td>• Restore ecosystem function, including maintaining or establishing self-sustaining ecosystems comprised of local native plant species (unless the Resources Regulator agrees otherwise)</td></tr>
<tr><td>Built features damaged by mining operations</td><td>• Repair to pre-mining condition or equivalent unless the:
- owner agrees otherwise; or
- damage is fully restored, repaired or compensated for under the Mine Subsidence Compensation Act 1961</td></tr>
<tr><td>Community</td><td>• Ensure public safety
• Minimise the adverse socio-economic effects associated with mine closure</td></tr>
</table>
Notes:
• These rehabilitation objectives apply to all subsidence impacts and environmental consequences caused by mining taking place after the date of this consent; and to all surface infrastructure parts of the development, whether constructed prior to or following the date of this consent.</td><td>Not triggered</td><td><u>Preparation:</u>
Rehabilitation status is outlined in the Annual Reviews.

Many of the objectives in this condition are final rehabilitation objectives. In terms of current objectives the following are relevant to Springvale, with no issues noted from site discussions of the Annual Reviews:
• Watercourses
• Cliffs, minor cliffs and steep slopes
• Built Features
• Community

<u>Further auditor notes:</u>
• Note that with the pipeline works there's been small areas cleared with pipeline placed in cleared area. The site is then naturally regrown in the soil hence no active rehabilitation required. Evidence provided of rehabilitation monitoring on the pipeline route through photos.
• No surface infrastructure rehabilitation (at pit top) has been completed due to no land available for rehabilitation.
• Cliffs and steep slopes are not being undermined due to adaptive mine planning to avoid these features.
• Based on site discussions there has been no subsidence cracking.
• There is a RMP risk assessment which outlines seed mix's need to be developed closer to closure.

<u>The 2024 Annual Review states:</u>
Annual rehabilitation monitoring has been undertaken at Springvale since 2015, tracking rehabilitation success against previous completion criteria and informing any maintenance requirements.

In summary, the 2024 monitoring results are similar to those of 2023. The vegetation composition, structure and ecosystem function within rehabilitation areas are trending towards completion criteria and showing early stages of native woodland regeneration. However, no rehabilitation plots currently satisfy all completion criteria. Further weed control is required at SPR1 and SPR4.</td><td></td></tr>
<tr><td colspan="2">Progressive Rehabilitation</td><td></td><td></td><td></td></tr>
<tr><td>31</td><td>The Applicant must prepare a Rehabilitation Strategy for the development, to the satisfaction of the Secretary. The Rehabilitation Strategy must:
(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, BCD, DPE Water, WaterNSW, NSW National Parks and Wildlife Service, Council and the CCC;
(c) be submitted to the Secretary for approval within 6 months of the date of determination of SSD-5594 MOD 4, 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:
(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.
Note: The Rehabilitation Strategy must address all land impacted by the development, whether prior to or following the date of this consent. The Biodiversity Management Plan and Rehabilitation Strategy require substantial integration to achieve biodiversity objectives for the rehabilitated site.</td><td>Compliant</td><td>a) DPHI endorsement of experts provided in Appendix A.

b) Stakeholder consultation is outlined in Section 5

c) Approval from DPHI was sighted dated July 2024.

d) Rehabilitation objectives are built upon in sections 3-6.

e) Addressed in section 4.

f) Addressed in sections 3 and 4.

g) The below requirements are addressed in the following sections.
i) Section 2
ii) Section 6
iii) Section 5

h) This condition is addressed in Section 8.2</td><td></td></tr>
<tr><td></td><td>The Applicant must implement the approved Rehabilitation Strategy.</td><td>Compliant</td><td>Due to being a mature underground site there has been limited opportunity to implement the Rehabilitation Strategy during the audit period. There has been little opportunity to implement the Rehabilitation Strategy with the pit top remaining active. There was evidence of rehabilitation activities completed along the Booster 1 to Booster 2.</td><td></td></tr>
<tr><td colspan="2">Rehabilitation Management Plan</td><td></td><td></td><td></td></tr>
<tr><td>32</td><td>The Applicant must prepare a Rehabilitation Management Plan for the development, in accordance with the conditions imposed on the mining lease(s) associated with the development under the Mining Act 1992.</td><td>Compliant</td><td><u>Preparation</u>
FLRP and ROBJ approved 8/11/23.

Most recent RMP is dated 7 December 2023 and has been prepared in general accordance with the standard mining lease conditions under the Mining Act 1992.

<u>Implementation:</u>
• Only minor rehabilitation completed at the site. It appears this has generally been completed as per requirements.
• Subsidence management is covered by the EP process.

We have called the site compliant for the preparation. There has been little opportunity to implement the Rehabilitation Strategy with the pit top remaining active. There was evidence of rehabilitation activities completed along the Booster 1 to Booster 2 through management of cleared material.</td><td></td></tr>
<tr><td colspan="2">SCHEDULE 5 - ADDITIONAL PROCEDURES</td><td></td><td></td><td></td></tr>
<tr><td colspan="2">NOTIFICATION OF LANDOWNERS</td><td></td><td></td><td></td></tr>
</table>

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
1	As soon as practicable after obtaining monitoring results showing: (a) an exceedance of any relevant criteria in Schedule 4, the Applicant shall notify the affected landowners in writing of the exceedance, and provide regular monitoring results to these landowners until the development is again complying with the relevant criteria; and (b) an exceedance of any relevant air quality criteria in Schedule 4, the Applicant shall 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	No noise or air exceedances during the audit period	
INDEPENDENT REVIEW				
2	If an owner of privately-owned land considers the development to be exceeding the relevant criteria in Schedule 4, then he/she may ask the Secretary in writing for an independent review of the impacts of the development on his/her land. If the Secretary is satisfied that an independent review is warranted, then within 2 months of the Secretary's decision the Applicant shall: (a) commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to: • consult with the landowner to determine his/her concerns; • conduct monitoring to determine whether the development is complying with the relevant criteria in Schedule 4; • if the development 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	Not requested by any landowners.	
SCHEDULE 6 - ENVIRONMENTAL MANAGEMENT, REPORTING AND AUDITING				
ENVIRONMENTAL MANAGEMENT				
Environmental Management Strategy				
1	The Applicant shall prepare and implement an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must: (a) be submitted to the Secretary for approval within 6 months of the date of this consent, unless the Secretary agrees otherwise; (b) provide the strategic framework for the environmental management of the development; (c) identify the statutory approvals that apply to the development; (d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (e) describe the procedures that would be implemented to: • keep the local community and relevant agencies informed about the operation and environmental performance of the development; • receive, handle, respond to, and record complaints; • resolve any disputes that may arise during the course of the development; • respond to any non-compliance; • respond to emergencies; and (f) include: • copies of any strategies, plans and programs approved under the conditions of this consent; and • a clear plan depicting all the monitoring required to be carried out under the conditions of this consent.	Compliant	**Preparation:** a) Note older timing. Current version approved on 6/02/2024 b) Section 1.4 details the strategic framework c) Section 1.6 outlines the statutory approvals applicable to Springvale Mine d) Section 4.1 lists the responsibilities for environmental management e) Section 2.5.2 details stakeholder engagement, complaint handling procedures, dispute resolution. Section 5.2 outlines the response to non-compliances. Section 3.2 outlines the emergency response protocol. f) Table 2.4.11 includes all strategies, plans and programs approved under this consent. Section 3.1 contains plans showing a summary of all required monitoring locations. **Implementation:** • Evidence of training sighted for clearing signoffs. • Evidence of reporting and CCC sited. • All staff inducted. • Evidence of incident response process. • Evidence of inspections.	
Management Plan Requirements				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
2	The Applicant shall ensure that the management plans required under this consent are prepared in accordance with any relevant guidelines, and include: (a) detailed baseline data; (b) a description of: • 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 development 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: • impacts and environmental performance of the development; • effectiveness of any management measures (see c above); (e) a contingency plan to manage any unpredicted impacts and their consequences; (f) a program to investigate and implement ways to improve the environmental performance of the development over time; (g) a protocol for managing and reporting any: • incidents; • complaints; • non-compliances with statutory requirements; and • exceedances of the impact assessment criteria and/or performance measures; and (h) a protocol for periodic review of the plan. Note: The Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.	Compliant	All management plans were found to generally address the requirements of this condition. Western Region Management Plans contain "common measures" and site-specific measures in the appendices. As the site has been progressively reviewing MPs, they have been including this condition in the compliance table in the document.	
Application of Existing Management Plans				
3	Prior to the approval of management plans under this consent, the Applicant shall manage development undertaken pursuant to this consent in accordance with any equivalent or similar management plan/s required under consent DA 11/92.	Compliant	This consent has been surrendered. The site had always covered this condition. Reference to the 1992 consent is being removed in management plan updates.	
Relationships between Management Plans				
4	The Upper Coxs River Action & Monitoring, Water, Biodiversity and Heritage Management Plans required by conditions 13, 14, 18 and 24 of Schedule 4, respectively, are to be prepared in respect of all parts of the development that are not covered by an Extraction Plan approved under condition 10 of Schedule 3. In particular, those management plans should address all areas subject to existing or proposed surface disturbance associated with the development.	Compliant	Noted. The site meets this requirement.	
Consolidation of Strategies, Plans or Programs				
5	With the approval of the Secretary, the Applicant may incorporate any strategies, plans or programs required by this consent (except those required under condition 10 of Schedule 3) with the strategies, plans and programs required for Centennial Coal's mining operations in the Lithgow Local Government Area.	Compliant	The following regional plans are approved: • Aboriginal and Cultural Heritage Management Plan. • Air Quality and Greenhouse Gas Management Plan. • Biodiversity Management Plan. • Discharge Management Plan. • Historic Heritage Management Plan. • Noise Management Plan. The site is looking at decoupling some of these management plans. DPHI has sent a letter of support on 4/6/2025.	
Revision of Strategies, Plans and Programs				
6	Within 3 months of: (a) the submission of an incident report under condition 10 below; (b) the submission of an annual review under condition 12 below; (c) the submission of an audit under condition 13 below; or (d) any modification to the conditions of this consent (unless the conditions require otherwise), the Applicant shall review the strategies, plans, and programs required under this consent, 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 for the approval of the Secretary. 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 development.	Compliant	IEMA is satisfied that plans are relevant for the current operations. This condition relates to reviewing plans, but not specifically updating them. There have been some updates, however it can be a slow process. MOD 4 was a update for the RMP. Evidence of letters outlining status of management plans and whether review is required.	
Updating & Staging Strategies, Plans or Programs				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
7	To ensure that strategies, plans and programs required under this consent are updated on a regular basis, and that they incorporate any appropriate additional measures to improve the environmental performance of the development, the Applicant may at any time submit revised strategies, plans or programs for the approval of the Secretary. With the agreement of the Secretary, the Applicant may also submit any strategy, plan or program required by this consent on a staged basis. With the agreement of the Secretary, the Applicant may prepare a revision of or a stage of a strategy, plan or program without undertaking consultation with all parties nominated under the applicable condition in this consent. Notes: • While any strategy, plan or program may be submitted on a staged basis, the Applicant will need to ensure that the existing operations on site are covered by suitable strategies, plans or programs at all times. • 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/s of the development to which the strategy, plan or program applies; the relationship of this stage/s to any future stages; and the trigger for updating the strategy, plan or program.	Not triggered	Site is generally updating plans as required.	
Adaptive Management				
8	The Applicant shall assess and manage development-related risks to ensure that there are no exceedances of the criteria and/or performance measures in Schedules 3 and 4. Any exceedance of these criteria and/or performance measures constitutes a breach of this consent and may be subject to penalty or offence provisions under the EP&A Act or EP&A Regulation. Where any exceedance of these criteria and/or performance measures has occurred, the Applicant must, at the earliest opportunity: (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.	Compliant	No specific criteria exceedances for air, noise. Exceedances for water have been nominated. As informed by site discussions, there has been adaptive management of mine design to reduce impact to highland swamps (removal and shortening of longwalls) e.g. LW430-432 designs. These are proactive changes and not specifically the result of exceedances of criteria. Noting the shrub swamps are excluded because of offsets, however there has still been attempts to minimise impacts by mine design.	
Community Consultative Committee				
9	The Applicant shall operate a Community Consultative Committee (CCC) for the development to the satisfaction of the Secretary. This CCC must be operated in accordance with the Guidelines for Establishing and Operating Community Consultative Committees for Mining Developments (Department of Planning, 2007), or its latest version or replacement. • *The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Applicant complies with this consent;* • *In accordance with the guideline, the Committee should be comprised of an independent chair and appropriate representation from the Applicant, Council, recognised environmental groups and the local community;* • *The requirement for this CCC may be fulfilled by the operation of a regional CCC for Centennial Coal's mines and mine infrastructure in the Lithgow Local Government Area, and* • *The Department will accept the continued representation from existing CCC members.*	Compliant	A CCC has been established by Springvale Mine and minutes of the meetings held during the audit period are available on the Centennial website. Representatives of the Springvale community, appointed community representatives, relevant government organisations and company representatives attended the meetings. The CCC were consulted as part of this IEA and there were no specific issues raised that the CCC wanted to be addressed.	
REPORTING				
Incident Reporting				
10	The Applicant shall immediately notify the Secretary and any other relevant agencies of any incident. Within 7 days of the date of the incident, the Applicant shall provide the Secretary and any relevant agencies with a detailed report on the incident, and such further reports as may be requested.	Compliant	The consent defines an incident as: *"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 consent"* Evidence of notifications of non compliance events. The initial notification were completed promptly. Incident reports were completed within 7 days. Note the EP notifications are for triggers, not specially non - compliances. These are managed by a different process.	
Regular Reporting				
11	The Applicant shall provide regular reporting on the environmental performance of the development on its website, in accordance with the reporting arrangements in any plans or programs approved under the conditions of this consent, and to the satisfaction of the Secretary.	Compliant	Annual Reviews and environmental monitoring reports are available on the Springvale Mine website throughout the audit period.	
ANNUAL REVIEW				

SSD-5594 Springvale Extension Project 18 August 2022 - 19 June 2025

Condition Number	Condition	Compliance Status	Finding	Recommended Action 2025
12	By the end of March each year, unless the Secretary agrees otherwise, the Applicant shall review the environmental performance of the development to the satisfaction of the Secretary. This review must: (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 current calendar year; (b) include a comprehensive review of the monitoring results and complaints records of the development over the past calendar year, which includes a comparison of these results against the: • the relevant statutory requirements, limits or performance measures/criteria; • the monitoring results of previous years; and • the relevant predictions in the EIS; (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 development; (e) identify any discrepancies between the predicted and actual impacts of the development, 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 development.	Compliant	The Annual Reviews for the audit period are available on the Centennial website. Evidence of correspondence with the DPHI through approvals. a) Section 4 includes a summary of operations and Section 8 includes details of rehabilitation. b) Section 6 and Section 7 includes a comprehensive review of monitoring results for each reporting period. Complaints are discussed in Section 9. c) Section 11 discussed non-compliances. d) Section 6 includes discussion of trends in monitoring data. e) Section 6 includes discussion of predictions. f) Section 12 lists the activities that are proposed to improve environmental performance during the next reporting period.	
INDEPENDENT ENVIRONMENTAL AUDIT				
Independent Environmental Review				
13	Prior to 30 June 2016, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant shall commission and pay the full cost of an Independent Environmental Audit of the development. 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 development and assess whether it is complying with the requirements in this consent and any other relevant approval, relevant EPL/s or Mining Lease/s (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 development, and/or any strategy, plan or program required under these approvals. *Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.*	Compliant	Previous IEA: The previous IEA met the requirements of this condition. The previous audit completed by IEMA (2022). Two specialists (Groundwater and Ecology) were required for this audit. Specialists were endorsed by DPE in a letter dated 24 March 2022. Current IEA: IEMA were endorsed by DPHI and IEMA commenced the audit based on the timing advice of Centennial. This IEA covers this requirement. No specialists were required for this audit. See DPHI endorsement letter dated 20 February 2025. Both audits cover parts a-e.	
14	Within 6 weeks of the completion of this audit, or as otherwise agreed by the Secretary, the Applicant shall submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	Compliant	IEMA has defined this condition as 6 weeks post the completion of the site inspection. There is no definition of what 'completion of this audit' is. Noting the previous auditor and Centennial determined it was 6 weeks post a final report being provided to Centennial. Previous IEA was dated on 21 October 2022, audit was provided to DPE (now DPHI) on 25 November 2019 (within 6 weeks). A letter was provided back from DPE on 9 December 2019 to indicate they were satisfied with the audit. For the current audit IEMA received an extension of time to extend the audit period to 12 weeks from commencing the IEA (see letter 4/7/2025)	
ACCESS TO INFORMATION				
15	Within 3 months from the date of this consent, the Applicant shall: (a) make copies of the following publicly available on its website: • the EIS; • all current statutory approvals for the development; • approved strategies, plans and programs required under the conditions of this consent; • a comprehensive summary of the monitoring results of the development, which have been reported in accordance with the various plans and programs approved under the conditions of this consent; • a complaints register, which is to be updated on a monthly basis; • minutes of CCC meetings; • the last five annual reviews; • information provided to and recommendations made by the Independent Monitoring Panel; • any independent environmental audit of the development, 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	a) All requirements of 15(a) are available on Springvale Mine website with the exception of management plans including the Western Region Biodiversity Management Plan (note not approved). b) the information is up to date in the opinion of IEMA.	

Audit Period:
The Audit period is 18 August 2022 - 19 June 2025

Summaries:	
73	Compliant
12	Not triggered
1	Non-Compliant
86	**Total**

Statement of Commitments (SSD-5594)

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
Desired Outcome	**Action**				
1. General					
All operations are undertaken in a manner that will minimise the environmental impacts associated with the Project.	Operations will be undertaken in accordance with the description provided in this EIS. As the required exploration drill holes are determined, Springvale Coal will undertake a series of due diligence assessments to consider key impacts as relevant. The general approach of the due diligence assessments will be to conduct site investigations to ensure that significant impacts are avoided. Springvale Coal will develop Trigger Action Response Plans as part of the development of the certain management plans which will detail the response to be taken if mining induced impacts occur.	Compliant	Site discussion Annual Reviews	Evidence of due-diligence reports provided. TARPs provided in all key management plans. Annual reviews provide update on TARP triggers.	
2 Development Phase					
All construction operations are appropriately undertaken to minimise potential impacts to the environment.	Prior to construction of surface facilities on the Newnes Plateau, a Construction Environmental Management Plan will be developed in consultation with the Forestry Corporation of NSW. This plan will include noise management in accordance with the Project Specific Noise Criteria detailed in Section 10.6.3 of the EIS. A copy of the Construction Environmental Management Plan will be provided to Lithgow City Council for their consideration.	Not triggered	Site discussion	Based on site communications there was no relevant construction in the period. The pipeline works is not a construction of surface facilities. It's a replacement of the existing pipeline.	
3 Exploration					
All exploration activities are appropriately undertaken to minimise potential impacts to the environment.	Proposed exploration activities will be notified to the Department and where applicable to the Forestry Corporation of NSW. All required approvals will be obtained prior to the commencement of any exploration activities. Copies of any due diligence assessments will also be provided to the Department and Forestry Corporation (where applicable).	Compliant	REF process and Access Agreements	Now covered by Exploration Activities and Minor Surface Infrastructure Management Plan. Access agreements in Forests NSW. Springvale reported that exploration approvals were gained via the ESF4 approval pathway during the audit period.	
4 Hours of Operation					
All operations are undertaken within the approved operating hours.	Operations will be undertaken 24 hours a day 7 days a week, 52 weeks per year.	Compliant		Operations within hours.	
5 Surface Water, Ground Water, Geomorphology and Aquatic					
All surface water groundwater and aquatic impacts are minimised to the greatest extent possible.	Within six (6) months of development consent, a Water Management Plan will be developed that includes the monitoring requirements identified in Section 10.2.5 of the EIS. The Water Management Plan will be developed in consultation with the NSW Office of Water. Groundwater models will be updated every 6 months and a review will be included in the Annual Review. Copies of the Annual Review will continue to be provided to NOW. Throughout the life of the Project, stygofauna will be monitored using standing water levels within one borehole in each aquifer where stygofauna are known to occur (AQ4 to AQ6). Where available, monitoring of the deep aquifer system, AQ 1 to AQ3 will be undertaken to establish presence of stygofauna. Centennial Coal will undertake a regional stygofauna assessment which will: • Collate existing available information on groundwater bores, water quality and characteristics in Centennial Coal's area of operations throughout the Western Coalfield. • Use this information to form a prioritisation list of likely areas for GDE to occur. • Use the prioritisation protocol to identify bores that can be sampled to provide data on the presence and significance of fauna both within and outside mine areas. • Identify any stygofauna found to a minimum of Family level. • Advise on the significance of the findings.	Compliant	Western Region Stygofauna Monitoring and Assessment Plan (June 2018)	Note the 6 month requirement has been overwritten by the consent requirement (S4C14) which requires a groundwater model update every 3 years. There is evidence of stygofauna monitoring in previous Annual Review and management plan. Stygofauna Monitoring and Assessment Plan (SMAP). a) Section 2.5 (Historical stygofauna monitoring); b) Section 3 (Multi-criteria analysis protocol); c) Section 3 (Multi-criteria analysis protocol); d) Section 2.5 (Historical stygofauna monitoring); and e) Section 3 (Multi-criteria analysis protocol).	
	• Examine relationship between bore characteristics and presence of stygofauna. Springvale Coal have commenced the process to secure the required surface water licences for the Project. Springvale Coal will commit to notify NSW Fisheries if any monitoring detects significant impacts to third order drainage lines as a result of subsidence. Springvale Coal will undertake further investigations into the toxicity of LDP009 water discharge to identify the cause of the toxicity. Springvale Coal will develop and implement a management program that includes: a) Water quality, macroinvertebrate and ecotoxicology monitoring across the Coxs River Catchment to measure the performance against the long term water quality objective and the impacts of change on the aquatic ecology and ecosystem health of the Coxs River. b) The water quality parameters to be monitored at all proposed Licenced Discharge Points, the frequency of monitoring and concentration limits focussed on those that have been identified as having potential to cause harm to the environment. c) A Trigger Action Response Plan should concentration limits be exceeded that focusses on the extent to which an exceedance of quality limits might affect aquatic ecology of the Coxs River catchment.	Compliant	Western Region Stygofauna Monitoring and Assessment Plan (June 2018)	See above condition.	
6 Terrestrial and Aquatic Ecology					
	Within two (2) years of development consent, a Biodiversity Management Plan will be developed and implemented. The Plan will be developed in consultation with DPE, OEH, DoE, Forestry Corporation of NSW, NPWS and will include the outcomes of the Research Strategy	Compliant	Biodiversity Management Plan	Biodiversity Management Plan has been prepared but is currently with DPE for approval. No further action is required.	

Statement of Commitments (SSD-5594)

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
7 Aboriginal Heritage Management					
Ensure that identified and unidentified Aboriginal Sites are appropriately managed.	Aboriginal Heritage will be monitored and managed in accordance with Table 8.2 of this EIS. Within 6 months of the date of approval, the Cultural Heritage Management Plan will be updated.	Compliant	Heritage Management Plan	Note there is an approved Heritage Management Plan with updates included in Annual Review. Also outlined in Extraction Plans.	
8 Traffic and Transport					
Project-related impacts on the road network are limited.	Prior to the commencement of construction activities, a Construction Traffic Management Plan will be developed and implemented. The Plan will be developed in consultation with Lithgow City Council and Forestry Corporation of NSW.	Not triggered	Site discussion	Not triggered based on site discussions. Note the site manages projects as per the EAMSIMP and Traffic Management Plan.	
9 Noise and Vibration					
All noise impacts are minimised to the greatest extent possible.	The existing Noise Management Plan will be updated to include the noise criteria for the Project and a noise monitoring programme for the sensitive receptors identified in Figure 10.25 of the EIS. The noise monitoring programme will include continuous, unattended noise monitoring and operator attended quarterly noise monitoring.	Compliant	Western Region Noise Management Plan (November 2021) (WRNMP)	Appendix E of WRNMP. Continuous monitoring was trialled but has since been removed from approved Noise Management Plan.	
10 Air Quality and Greenhouse Gas					
All air quality impacts are minimised to the greatest extent possible.	Within six (6) months of development consent, the Air Quality Management Plan will be updated to include the mitigation measures identified in Section 10.7 of the EIS. An additional TEOM will be installed as part of a regional air quality monitoring programme that is currently being developed by Centennial Coal.	Compliant	AQGHGMP Dust monitoring reports	Covered under approved AQGHGMP and monitoring and reporting.	
11 Soils and Land Capacity					
All soil and land impacts are minimised to the greatest extent possible	Soil stripping will be undertaken in accordance with the soil stripping depths in the Soils and Land Capability Report appended to this EIS. The following topsoil management measures will be applied: • topsoil will be stripped to depths in Table 10.44 of the EIS only when moist and stockpiled a maximum of 3 m high; • topsoil stripping will immediately precede construction to minimise the time that bare subsoils are exposed; • ameliorants for each soil type will be applied as per the Soils and Land Capability Report; • topsoil that is to be stockpiled for longer than 3 months with be stabilised with an annual cover crop; and • prior to re-spreading stockpiled topsoil, weeds will be removed.	Compliant	Site discussion	Based on site discussions there was no disturbance around the pit top during audit period. Based on site discussions Springvale does not conduct soil stripping for minor exploration related earthworks. Soil was managed as part of the pipeline project on the plateau.	
12 Life of Mine and Rehabilitation					
Rehabilitation of the Springvale Coal Services Site is conducted in accordance with Industry Standards.	Progressive rehabilitation will be undertaken in accordance with the Rehabilitation Strategy appended to this EIS. Within 6 months of approval, the Mining Operations Plan will be updated to include the rehabilitation requirements outlined in the Rehabilitation Strategy of this EIS.	Compliant	RMP	Requirement now covered under RMP.	
13 Hazards					
Safety of the underground personnel from the underground strata will be maintained.	The existing Hazard Plan, being part of the Strata Failure Management System, will be maintained and updated on an ongoing basis as required, in accordance with the Clause 28b (ii) of the Coal Mine Health and Safety Regulation 2006.	Compliant		Note - not assessed under scope of IEA.	
14 Community Contributions					
Meet Centennial's corporate social responsibility objectives	Centennial Coal will contribute three cents per saleable tonne of coal (exclusive of GST) produced from the Springvale, Angus Place and Airly Mines, as a 'Community Contribution' to Lithgow City Council. This Community Contribution will be capped at $200,000 annually and the funds allocated to long-term community activities and projects agreed by both parties and reported publicly. Commencement of the 'Community Contribution' will be from the date the first of the above three mines is granted consent.	Compliant	LCC invoices and Remittance Advice for 202, 2023, and 2024	Evidence from site included LCC invoices and Springvale Remittance Advice for community contributions paid for 2022, 2023, and 2024.	

Audit Period:
The Audit period is August 2022 (day after last audit completed) to June 2025

Summaries:

13	Compliant
2	Not triggered
0	Non-compliant
15	**Total**

EPL 3607

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
1 Administrative Conditions					
A1 What the licence authorises and regulates					
A1.1	This licence authorises the carrying out of the scheduled activities listed below at the premises specified in A2. The activities are listed according to their scheduled activity classification, fee-based activity classification and the scale of the operation. Unless otherwise further restricted by a condition of this licence, the scale at which the activity is carried out must not exceed the maximum scale specified in this condition. **Scheduled Activity** / **Fee Based Activity** / **Scale** Coal works / Coal works / > 5000000 T annual handing capacity Mining for coal / Mining for coal / > 5000000 T annual production capacity	Compliant		Extraction within limits.	
A2 Premises or plant to which this licence applies					
A2.1	The licence applies to the following premises: **Premises Details** SPRINGVALE COLLIERY 980 CASTLEREAGH HIGHWAY LIDSDALE NSW 2790 SPRINGVALE MINE COLLIERY HOLDINGS AS IDENTIFIED ON PLAN PC7025 DATED 17 APRIL 2019 (EPA DOC19/303416-1).	Compliant		Noted.	
A3 Information supplied to the EPA					
A3.1	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: 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		Springvale has maintained general compliance.	
2 Discharges to Air and Water and Applications to Land					
P1 Location of monitoring/discharge points and areas					
	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. *Air* **EPA identification no.** / **Type of Monitoring Point** / **Type of Discharge Point** / **Location Description** 1 / Dust deposition gauge DG1 (previously licence point 8) as shown on Plan PC7025 dated 17 April 2019 (EPA DOC19/303416-1). / / Off Springvale Lane within Lot 73 DP 751651 midway along southern boundary of allotment. 2 / Dust deposition gauge DG2 as shown on Plan PC7025 dated 17 April 2019 (EPA DOC19/303416-1). / / Off Millers Road within Lot 1 DP 856879 south west corner of allotment.	Compliant		The relevant monitoring points are shown in Western Region AQGHGMP and Annual Reviews. Also shown on EPL figure.	
P1.2	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.	Compliant		Noted.	

EPL 3607

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Source of Evidence</th><th>Finding</th><th>Recommended Action</th></tr>
<tr><td>P1.3</td><td>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.

Water and land
<table>
<tr><th>EPA Identi-fication no.</th><th>Type of Monitoring Point</th><th>Type of Discharge Point</th><th>Location Description</th></tr>
<tr><td>6</td><td>Discharge to waters. Discharge quality and volume monitoring.</td><td>Discharge to waters. Discharge quality and volume monitoring.</td><td>Dam 3 at Springvale Pit Top (previously licence point 1) as shown on Plan PC7025 dated 7 April 2019 (EPA DOC19/303416-1).</td></tr>
<tr><td>7</td><td>Discharge to waters. Discharge quality and volume monitoring.</td><td>Discharge to waters. Discharge quality and volume monitoring.</td><td>Centennial's Springvale mine water transfer scheme settling ponds discharge to Sawyers Swamp Creek (previously licence point 9) as shown on Plan PC7025 dated 17 April 2019 (EPA DOC19/303416-1).</td></tr>
<tr><td>8</td><td>Discharge to water. Discharge quality and volume monitoring.</td><td>Discharge to water. Discharge quality and volume monitoring.</td><td>Emergency/maintenance discharge from Centennial's Springvale mine water transfer scheme into Kerosene Vale wet ash dam (previously licence point 10) as shown on Plan PC7025 dated 17 April 2019(EPA DOC19/303416-1).</td></tr>
</table>
Note: Licensed discharge points 4 (LD4) and 5 (LD5) are only to be used for emergency discharges as defined in condition E1.1.</td><td>Compliant</td><td>Site discussions</td><td>LDP007 and LDP008 shown in water management plan. Inspected during audit but not discharging during audit period.

Note: Compliant, only LDP6 has been used during the audit period. Condition refers to location, not volume.</td><td></td></tr>
<tr><td>P1.4</td><td>The following points referred to in the table below are identified in this licence for the purposes of weather and/or noise monitoring and/or setting limits for the emission of noise from the premises.

Noise/Weather
<table>
<tr><th>EPA identi-fication no.</th><th>Type of monitoring point</th><th>Location description</th></tr>
<tr><td>3</td><td>Noise monitoring</td><td>SNM1 at Lot 1 DP 161475 Millers Road, Lidsdale as shown on Plan PC7025 dated 17 April 2019 (EPA DOC19/303416-1).</td></tr>
<tr><td>4</td><td>Noise monitoring</td><td>SNM2 at Lot 3 DP 856879 Springvale Lane, Lidsdale as shown on Plan PC7025 dated 17 April 2019 (EPA DOC19/303416-1).</td></tr>
<tr><td>5</td><td>Noise monitoring</td><td>SNM3 at Lot 73 DP 751651 Springvale Lane, Lidsdale as shown on Plan PC7025 dated 17 April 2019 (EPA DOC19/303416-1).</td></tr>
</table></td><td>Compliant</td><td>SLR noise monitoring reports</td><td>Monitoring has conducted at these locations throughout the audit period as detailed in the SLR noise reports.</td><td>IMP REC: In next update to EPL, update EPL figure to remove WNM12 as it is not a noted location in this EPL.</td></tr>
<tr><td colspan="2">3 Limit Conditions</td><td></td><td></td><td></td><td></td></tr>
<tr><td colspan="2">L1 Pollution of waters</td><td></td><td></td><td></td><td></td></tr>
<tr><td>L1.1</td><td>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.</td><td>Compliant</td><td>Incident reports</td><td><u>Incident definition</u>
Section 120 of the POEO Act relates to pollution of waters. Its defined as 'pollute waters includes cause or permit any waters to be polluted'.

The definitions sections of the POEO Act outlines:
Pollution incident - pollution incident means an incident or set of circumstances during or as a consequence of which there is or is likely to be a leak, spill or other escape or deposit of a substance, as a result of which pollution has occurred, is occurring or is likely to occur. It includes an incident or set of circumstances in which a substance has been placed or disposed of on premises, but it does not include an incident or set of circumstances involving only the emission of any noise.

Although there have been some non - compliances there is no evidence these caused actual pollution of waters. There have been no PINS or reference to this condition in any government correspondence.</td><td></td></tr>
<tr><td colspan="2">L2 Concentration limits</td><td></td><td></td><td></td><td></td></tr>
<tr><td>L2.1</td><td>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.</td><td>Compliant</td><td>Site discussions
Water monitoring results</td><td>Only LDP006 has discharged in the audit period. Water monitoring results were within the relevant criteria.

These are introductory conditions, see L2.4 for detail.</td><td></td></tr>
<tr><td>L2.2</td><td>Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.</td><td>Compliant</td><td>Site discussions
Water monitoring results</td><td>Only LDP006 has discharged in the audit period. Water monitoring pH results were within the relevant criteria.

These are introductory conditions, see L2.4 for detail.</td><td></td></tr>
</table>

EPL 3607

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Source of Evidence</th><th>Finding</th><th>Recommended Action</th></tr>
<tr><td>L2.3</td><td>To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table\s.</td><td>Compliant</td><td>Water Management Plan</td><td>Under the WMP the site has parameters for other potential pollutants.</td><td></td></tr>
<tr><td rowspan="2">L2.4</td><td>Water and/or Land Concentration Limits

POINT 6
<table>
<tr><th>Pollutant</th><th>Units of Measure</th><th>50 percentile concentration limit</th><th>90 percentile concentration limit</th><th>3DGM concentration limit</th><th>100 percentile concentration limit</th></tr>
<tr><td>Oil and Grease</td><td>milligrams per litre</td><td></td><td></td><td></td><td>10</td></tr>
<tr><td>pH</td><td>pH</td><td></td><td></td><td></td><td>6.5-9.0</td></tr>
<tr><td>Total suspended solids</td><td>milligrams per litre</td><td></td><td></td><td></td><td>30</td></tr>
<tr><td>Turbidity</td><td>nephelometric turbidity units</td><td></td><td></td><td></td><td>50</td></tr>
</table>
</td><td rowspan="2">Non-compliant</td><td>2023 Annual Review

2023 Annual Return</td><td>On 14 March 2023 at LDP006 an incident occurred where water was discharged in excess of the Total Suspended Solids concentration limits, as report in 2023 Annual Return which states:

While undertaking grout repairs to a drain upstream of LDP006 (caused by severe wet weather conditions), a low proportion of water migrated through the work area to the discharge point.

Water discharged at LDP006 was non-compliant with water concentration limits between 13:210 and 14:40 on 14 March 2023

Water discharged at LDP006 was non-compliant with water concentration limits.
• pH: 9.8 (limit 6.5 to 9)
• Turbidity: 157 NTU (limit 50 NTU)
• Total Suspended Solids 44 mg/L (limit 30 mg/L).

While undertaking grout repairs to a drain upstream of LDP006 (caused by severe wet weather conditions), a low proportion of water migrated through the work area to the discharge point. The site enacted a series of mitigation measures.

Discharge from LDP006 was ceased immediately by transferring all water contained in the weir to a 1000L container on site. An additional isolation was performed to ensure that the minor volume of water not isolated prior to repair work commencement did not enter the discharge point. A vacuum tank subsequently attended site to remove all water at the weir and water body immediately upstream of the weir.

To prevent re-occurrence of the incident Springvale have:
• Established a portable pumping system at LDP006 prior to job recommencement.
• Reviewed water isolation applicable to cease flow to discharge point LDP006.
• Modified the bund established upstream of the discharge point to reduce permeability.
• Reviewed In-situ alert system with consideration to change in site personnel.

No further recommendation.</td><td></td></tr>
<tr><td>POINT 7
<table>
<tr><th>Pollutant</th><th>Units of Measure</th><th>50 percentile concentration limit</th><th>90 percentile concentration limit</th><th>3DGM concentration limit</th><th>100 percentile concentration limit</th></tr>
<tr><td>Aluminium (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.45</td></tr>
<tr><td>Arsenic (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.024</td></tr>
<tr><td>Boron (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.37</td></tr>
<tr><td>Copper (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.007</td></tr>
<tr><td>Electrical conductivity</td><td>microsiemens per centimetre</td><td></td><td></td><td></td><td>1200</td></tr>
<tr><td>Fluoride</td><td>milligrams per litre</td><td></td><td></td><td></td><td>1.8</td></tr>
<tr><td>Iron (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.4</td></tr>
<tr><td>Manganese</td><td>milligrams per litre</td><td></td><td></td><td></td><td>1.7</td></tr>
<tr><td>Nickel (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.047</td></tr>
<tr><td>Oil and Grease</td><td>milligrams per litre</td><td></td><td></td><td></td><td>10</td></tr>
<tr><td>pH</td><td>pH</td><td></td><td></td><td></td><td>6.5-9.0</td></tr>
<tr><td>Total suspended solids</td><td>milligrams per litre</td><td></td><td></td><td></td><td>50</td></tr>
<tr><td>Turbidity</td><td>nephelometric turbidity units</td><td></td><td></td><td></td><td>50</td></tr>
<tr><td>Zinc (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.05</td></tr>
</table>
</td><td>Site discussions
Water monitoring results</td><td>LDP007 had no discharge during the audit period.</td><td></td></tr>
</table>

EPL 3607

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Source of Evidence</th><th>Finding</th><th>Recommended Action</th></tr>
<tr><td></td><td>POINT 8
<table>
<tr><th>Pollutant</th><th>Units of Measure</th><th>50 percentile concentration limit</th><th>90 percentile concentration limit</th><th>3DGM concentration limit</th><th>100 percentile concentration limit</th></tr>
<tr><td>Aluminium (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.45</td></tr>
<tr><td>Arsenic (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.024</td></tr>
<tr><td>Boron (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.37</td></tr>
<tr><td>Copper (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.007</td></tr>
<tr><td>Electrical conductivity</td><td>microsiemens per centimetre</td><td></td><td></td><td></td><td>1200</td></tr>
<tr><td>Fluoride</td><td>milligrams per litre</td><td></td><td></td><td></td><td>1.8</td></tr>
<tr><td>Iron (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.4</td></tr>
<tr><td>Manganese (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>1.7</td></tr>
<tr><td>Nickel (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.047</td></tr>
<tr><td>Oil and Grease</td><td>milligrams per litre</td><td></td><td></td><td></td><td>10</td></tr>
<tr><td>pH</td><td>pH</td><td></td><td></td><td></td><td>6.5-9.0</td></tr>
<tr><td>Zinc (dissolved)</td><td>milligrams per litre</td><td></td><td></td><td></td><td>0.05</td></tr>
</table></td><td></td><td>Site discussions
Water monitoring results</td><td>LDP008 had no discharge during the audit period.</td><td></td></tr>
<tr><td>L2.5</td><td>The concentration limits stipulated by condition L2.4 for EPA identification point 6 is deemed not to apply when the discharge from the stormwater control structures (sediment dams) occurs solely as a result of rainfall measured at the premises which exceeds:

a) a total of 56 millimetres of rainfall over any consecutive 5 day period.

Note: A 56mm rainfall event is defined by the EPA endorsed publication "Managing urban stormwater: soils and construction" (Landcom 2004; 6-24) as the rainfall depth in millimetres for a 95th percentile 5 day rainfall event for "Lithgow" which is also consistent with the storage capacity (recommended minimum design criteria) for Type D sediment basins for mines and quarries (see "Managing urban stormwater: soils and construction, Volume 2E, mines and quarries" (DECC, 2008).</td><td>Compliant</td><td></td><td>Noted.</td><td></td></tr>
<tr><td>L2.6</td><td>The concentration limit for total suspended solids stipulated by condition L2.4 for EPA identification point 6 is deemed not to have been breached where:
a) the water discharged is covered by condition L2.5; or
b) the water discharged complies with the turbidity limit at the time of the discharge; and
c) the EPA is advised within 3 working days of the completion of the sample testing and analysis as required by condition M2.3 of any results above the licence limit.

Note: The purpose of condition L2.6 is to expediate the assessment and subsequent discharge of the clarified water from the stormwater control structures (sediment basins).</td><td>Non-compliant</td><td>Annual reviews (audit period)</td><td>2022 exceedance of Total Suspended Solids (TSS) reported in Annual Review and Annual Return. On 8 November 2022 water was discharged through LDP006 which complied with the turbidity limit but exceeded the TSS limit

It is noted that while the discharge was compliant with turbidity limits, Springvale failed to notify the EPA within three working days. Springvale has reported that notifying the EPA has now included in their EPL monitoring procedures where required.</td><td></td></tr>
<tr><td colspan="2">L3 Volume and mass limits</td><td></td><td></td><td></td><td></td></tr>
<tr><td>L3.1</td><td>For each discharge point or utilisation area specified below (by a point number), the volume/mass of:
a) liquids discharged to water; or;
b) solids or liquids applied to the area;
must not exceed the volume/mass limit specified for that discharge point or area.
<table>
<tr><th>Point</th><th>Unit of Measure</th><th>Volume/Mass Limit</th></tr>
<tr><td>6</td><td>kilolitres per day</td><td>10000</td></tr>
<tr><td>7</td><td>kilolitres per day</td><td>30000</td></tr>
</table></td><td>Non-compliant</td><td>2022 Annual Review</td><td>Springvale breached discharge limit on two occasions during the audit period. These occured in 2022. Discharge limits were breached on:
• 05/07/2022
• 09/10/2022

All discharge events were found to be a result of high rainfall events, with total rain the preceding 5 days for each event being 135.0mm, and 74.8mm respectively.

No non-compliances reported in 2023 or 2024.</td><td></td></tr>
<tr><td colspan="2">L4 Noise limits</td><td></td><td></td><td></td><td></td></tr>
</table>

EPL 3607

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Source of Evidence</th><th>Finding</th><th>Recommended Action</th></tr>
<tr><td>L4.1</td><td>Noise generated at the premises that is measured at each noise monitoring point established under this licence must not exceed the noise levels specified in Column 4 of the table below for that point during the corresponding time periods specified in Column 1 when measured using the corresponding measurement parameters listed in Column 2.

POINT 3
<table>
<tr><th>Time period</th><th>Measurement parameter</th><th>Measurement frequency</th><th>Noise level dB(A)</th></tr>
<tr><td>Day</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>44</td></tr>
<tr><td>Evening</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>44</td></tr>
<tr><td>Night</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>42</td></tr>
<tr><td>Night</td><td>Night-LA1 (1 minute)</td><td>Special Frequency 1</td><td>52</td></tr>
</table>
POINT 4
<table>
<tr><th>Time period</th><th>Measurement parameter</th><th>Measurement frequency</th><th>Noise level dB(A)</th></tr>
<tr><td>Day</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>43</td></tr>
<tr><td>Evening</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>43</td></tr>
<tr><td>Night</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>43</td></tr>
<tr><td>Night</td><td>Night-LA1 (1 minute)</td><td>Special Frequency 1</td><td>53</td></tr>
</table>
POINT 5
<table>
<tr><th>Time period</th><th>Measurement parameter</th><th>Measurement frequency</th><th>Noise level dB(A)</th></tr>
<tr><td>Day</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>35</td></tr>
<tr><td>Evening</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>35</td></tr>
<tr><td>Night</td><td>LAeq (15 minute)</td><td>Special Frequency 1</td><td>35</td></tr>
<tr><td>Night</td><td>Night-LA1 (1 minute)</td><td>Special Frequency 1</td><td>45</td></tr>
</table>
</td><td>Compliant</td><td>Annual Reviews
SLR noise reports</td><td>A review of noise reports conducted quarterly throughout the monitoring period demonstrate that Springvale has maintained compliance with the relevant noise conditions throughout the audit period.

Noise monitoring is conducted by suitably qualified specialists.</td><td></td></tr>
<tr><td>L4.2</td><td>Noise from the upcast ventilation shaft must not exceed an LAeq (15 minute) noise emission criterion of 35 dB(A), except as expressly provided by this licence.</td><td>Compliant</td><td>SLR noise reports</td><td>The upcast ventilation shaft is a significant distance from site and surrounding sensitive receivers. SLR noise reports note specific sources of Springvale noise emissions and have not identified the shaft to be in exceedance of the relevant criteria.</td><td></td></tr>
<tr><td>L4.3</td><td>Noise from the premises is to be measured or computed at EPA identification points 3, 4 and 5 or the nearest or most affected residence to determine compliance with conditions L4.1 and L4.2.</td><td>Compliant</td><td>SLR noise reports</td><td>Noise monitoring occurs at these sites as identified in the noise reports.</td><td></td></tr>
<tr><td>L4.4</td><td>The noise emission limits identified in this licence apply under all meteorological conditions except:
a) during rain and wind speeds (at 10m height) greater than 3m/s; and
b) under "non-significant weather conditions".

Note: Field meteorological indicators for non-significant weather conditions are described in the NSW Industrial Noise Policy, Chapter 5 and Appendix E in relation to wind and temperature inversions</td><td>Compliant</td><td>SLR noise reports</td><td>Meteorological conditions are included in the noise monitoring reports.</td><td></td></tr>
<tr><td></td><td>Note: The above noise limits do not apply at properties where the licensee has a written agreement with the landowner to exceed the limits.</td><td>Note</td><td></td><td></td><td></td></tr>
<tr><td colspan="2">4 Operating Conditions</td><td></td><td colspan="2"></td><td></td></tr>
<tr><td colspan="2">O1 Activities must be carried out in a competent manner</td><td></td><td colspan="2"></td><td></td></tr>
</table>

EPL 3607

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
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) Non-compliance based on hydrocarbon storage There was evidence of several hydrocarbon/chemical containers that were stored on bunds that did not have sufficient capacity under AS/NZS 3833:2007 i.e. doesn't cover 110%. These areas were not draining to an oily water separator and were instead generally draining to Secondary dam. The majority of these hydrocarbons were within mining supply storage area. This is based on seeing some hydrocarbons noted stored as per Australian Standards AS 1940, which requires bunding of AS 1940 requires that bunds or secondary containment systems must have a capacity of at least 110% of the volume of the largest tank or container stored within that bunded area. The field inspection noted: • 2 x 20L hydraulic oil containers were not stored in bunds. They also showed signs of leakage on the ground. • There was one IBC containing around 300L of lubricant. It was stored on a bund that would only store around 200L of liquid if leakages occurred. • There was a leakage from the mobile electrical transformer unit. this was stored on the surface with evidence of staining adjacent to the area of the leak. • 1 x IBC of what appeared to be hydraulic oil. This had around 600L of material and was not stored on a bund. • Several areas of recent and historical staining on site. Despite noting these issues around 95% of hydrocarbons onsite were stored as per AS 1940 requirements. b) Recommendation as per Schedule 4 Condition 12.	NC REC: Ensure hydrocarbons are stored as per AS 1940. NC REC: Remove the mobile electrical transformer unit from site and ensure the leakages are handled correctly. IMP REC: Ensure older hydrocarbon stains in the laydown area are scalped up, with material removed from site to a licenced facility to handle the contamination.
O2 Maintenance of plant and equipment					
	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 Maintenance Purchase Orders (PO's)	a) Evidence of maintenance from site included: • LDP and weather station calibration certificates. • Oily water separator - maintenance. • Water Treatment Services - maintenance (POs) b) No air or noise exceedances during the audit period indicates that Springvale is operating in a proper and efficient manner.	
O3 Dust					
O3.1	The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	Compliant	Site inspection Dust monitoring data	Dust was not observed to be an issue during the site inspection however there had recently been consistent rainfall at Springvale. Low dust levels were sighted in dust monitoring data and reports.	
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	Site inspection Dust monitoring data	Dust was not observed to be an issue during the site inspection however there had recently been consistent rainfall at Springvale. Low dust levels were sighted in dust monitoring data and reports.	
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 Community complaint records	Trucks were not observed at time of inspection, however load coverage signs were sighted. A load cover procedure was sighted. No community complaints have been noted. Note, there has been no road trucking of coal during the audit period.	
O4 Effluent application to land					
O4.1	Effluent application must not occur in a manner that causes surface runoff.	Compliant	Site discussion	Springvale Coal reported that irrigating effluent onsite has ceased. All effluent waste water from bathhouse and office buildings is transferred via pipeline to the LCC Duncan Street Pump Station, as noted in the previous IEA.	
O4.2	Spray from effluent application must not drift beyond the boundary of the premises.	Compliant	Site discussion	Springvale Coal reported that irrigating effluent onsite has ceased. All effluent waste water from bathhouse and office buildings is transferred via pipeline to the LCC Duncan Street Pump Station, as noted in the previous IEA.	
O4.3	Livestock access to any effluent application area must be denied during irrigation and until the applied effluent has dried.	Compliant	Site discussion	Springvale Coal reported that irrigating effluent onsite has ceased. All effluent waste water from bathhouse and office buildings is transferred via pipeline to the LCC Duncan Street Pump Station, as noted in the previous IEA.	
O4.4	The quantity of effluent/solids applied to the utilisation area must not exceed the capacity of the area to effectively utilise the effluent/solids. For the purpose of this condition, 'effectively utilise' include the use of the effluent/solids for pasture or crop production, as well as the ability of the soil to absorb the nutrient, salt, hydraulic load and organic material.	Compliant	Site discussion	Springvale Coal reported that irrigating effluent onsite has ceased. All effluent waste water from bathhouse and office buildings is transferred via pipeline to the LCC Duncan Street Pump Station, as noted in the previous IEA.	
O5 Waste management					
O5.1	There must be no incineration or burning of any waste at the premises.	Compliant	Site inspection	No evidence of waste burning during site inspection.	

EPL 3607

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
O5.2	The sediments from the settling ponds of the Springvale Delta Water Transfer Scheme must be disposed of lawfully.	Compliant	Site inspection	There was no discharge into LDP009 (settling ponds) during the audit period.	
O6 Other operating conditions					
O6.1	The stormwater control structure (sediment dam) identified at condition P1.3 as identification point 6 must be drained or pumped out as necessary to maintain the dams design storage capacity within 5 days following rainfall	Compliant	Site inspection Site discussions	Based on site communications Centennial automatically pumps sediment laden water underground to the Renown workings. Note there are no specific water quality criteria for pumping water underground. There is an automatic pumping system onsite to dewater dams once a trigger level is reached.	
O6.2	Water discharged to comply with condition O6.1 may only be discharged to waters from the sediment dam at EPA identification point 6 where the discharged water complies with the discharge limits stipulated at condition L2.4 (and taking into consideration condition L2.5).	Compliant	Site inspection	This condition relates to LDP006 and the parameters within conditions L2.4 and L2.5. This condition doesn't appear to relate to sediment dam where water is pumped to Renown workings prior to discharging to LDP006. Note - Point 6 refers to Dam 3. Note - general process is to pump water underground, rather than discharge.	
O6.3	The licensee must undertake maintenance as necessary to desilt the sediment basin identified at EPA identification point 6 in order to retain the basins design storage capacity.	Compliant	Site inspection	Based on site inspections Dam 3 appeared to be maintained to an appropriate standard. Sit discussions also indicated that it is regularly maintained. Note, the basin was due for desilting at the time of the audit.	
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	Various monitoring records	Evidence of a selection of monitoring records was sighted.	
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	Various monitoring records	Monitoring data exceeds 4 years in a legible format. This covers sub-conditions a)-c).	
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	Various monitoring records	IEMA reviewed a selection of data and all sub conditions are compliant.	
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		Noted.	
M2.2	Air Monitoring Requirements POINT 1,2 Pollutant / Units of measure / Frequency / Sampling Method Particulates - Deposited Matter / grams per square metre per month / Monthly / AM-19	Compliant	Site data Annual Review	Evidence of monitoring results in monthly reports and annual reviews, no issues of frequency noted. Evidence of rolling dust data sighted.	
M2.3	Water and/ or Land Monitoring Requirements POINT 6 Pollutant / Units of measure / Frequency / Sampling Method Electrical conductivity / microsiemens per centimetre / Weekly during any discharge / Grab sample Filterable iron / milligrams per litre / Weekly during any discharge / Grab sample Filterable manganese / milligrams per litre / Weekly during any discharge / Grab sample Oil and Grease / milligrams per litre / Weekly during any discharge / Grab sample pH / pH / Weekly during any discharge / Grab sample Total suspended solids / milligrams per litre / Weekly during any discharge / Grab sample Turbidity / nephelometric turbidity units / Weekly during any discharge / Grab sample	Compliant	Site data	Based on review of data monitoring at LDP006 covers these parameters. Note - data provided in Annual Returns.	

EPL 3607

<table>
<tr><th>Condition Number</th><th>Condition</th><th>Compliance Status</th><th>Source of Evidence</th><th>Finding</th><th>Recommended Action</th></tr>
<tr><td></td><td>POINT 7
<table>
<tr><th>Pollutant</th><th>Units of measure</th><th>Frequency</th><th>Sampling Method</th></tr>
<tr><td>Aluminium (dissolved)</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Arsenic (dissolved)</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Boron (dissolved)</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Copper (dissolved)</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Electrical conductivity</td><td>microsiemens per centimetre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Fluoride</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Iron (dissolved)</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Manganese (dissolved)</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Nickel (dissolved)</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Oil and Grease</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>pH</td><td>pH</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Total suspended solids</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Turbidity</td><td>nephelometric turbidity units</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
<tr><td>Zinc (dissolved)</td><td>milligrams per litre</td><td>Weekly during any discharge</td><td>Grab sample</td></tr>
</table></td><td>Compliant</td><td>Site discussions</td><td>There was no discharge from LDP007 during the audit period.</td><td></td></tr>
<tr><td></td><td>POINT 8
<table>
<tr><th>Pollutant</th><th>Units of measure</th><th>Frequency</th><th>Sampling Method</th></tr>
<tr><td>Aluminium (dissolved)</td><td>milligrams per litre</td><td>Daily during any discharge</td><td>Grab sample</td></tr>
<tr><td>Arsenic (dissolved)</td><td>milligrams per litre</td><td>Daily during any discharge</td><td>Grab sample</td></tr>
<tr><td>Boron (dissolved)</td><td>milligrams per litre</td><td>Daily during any discharge</td><td>Grab sample</td></tr>
<tr><td>Copper (dissolved)</td><td>milligrams per litre</td><td>Daily during any discharge</td><td>Grab sample</td></tr>
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<tr><td>Nickel (dissolved)</td><td>milligrams per litre</td><td>Daily during any discharge</td><td>Grab sample</td></tr>
<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>Zinc (dissolved)</td><td>milligrams per litre</td><td>Daily during any discharge</td><td>Grab sample</td></tr>
</table></td><td>Compliant</td><td>Site discussions</td><td>There was no discharge from LDP008 during the audit period.</td><td></td></tr>
<tr><td colspan="2">M3 Testing methods - concentration limits</td><td></td><td></td><td></td><td></td></tr>
<tr><td>M3.1</td><td>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 Protection of the Environment Operations (Clean Air) Regulation 2010 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".</td><td>Compliant</td><td>Monitoring data</td><td>Based on data provided by Springvale the applicant was compliant with this condition. Note a summary of methods and sampling analysis included in monthly spreadsheets.</td><td></td></tr>
<tr><td>M3.2</td><td>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.</td><td>Compliant</td><td></td><td>Noted.</td><td></td></tr>
<tr><td colspan="2">M4 Environmental Monitoring</td><td></td><td></td><td></td><td></td></tr>
<tr><td>M4.1</td><td>The licensee must ensure that the following meteorological parameters are monitored on site and the results recorded:-
a) daily rainfall;
b) daily evaporation;
c) continuous wind speed and direction.</td><td>Compliant</td><td>AWS data</td><td>IEMA sighted Springvale AWS data and the relevant parameters are recorded daily.

No noted outages. Site is able to produce weather data for any given period.</td><td></td></tr>
<tr><td colspan="2">M5 Recording of pollution complaints</td><td></td><td></td><td></td><td></td></tr>
</table>

EPL 3607

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
M5.1	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	Springvale internal complaint log	Evidence in Annual Review and complaints log.	
M5.2	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	Springvale internal complaint log	2 noise complaints 2022, 1 noise complaint 2023, 1 waste complaint 2023	
M5.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	Compliant	Springvale internal complaint log	Historical complaints going back at least 4 years were sighted.	
M5.4	The record must be produced to any authorised officer of the EPA who asks to see them.	Not triggered	Springvale internal complaint log	Noted. Records were available to be produced for IEMA staff when requested.	
M6 Telephone complaints line					
M6.1	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 discussions.	A complaint line is maintained.	
M6.2	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	Site website	Complaint line telephone number on the website.	
M6.3	The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.	Compliant		Noted.	
M7 Requirement to monitor volume or mass					
M7.1	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 6 Frequency: Daily during any discharge; Unit of Measure: kilolitres per day; Sampling Method: Flow meter and continuous logger POINT 7 Frequency: Daily during any discharge; Unit of Measure: kilolitres per day; Sampling Method: Flow meter and continuous logger POINT 8 Frequency: Daily during any discharge; Unit of Measure: kilolitres per day; Sampling Method: By Calculation (volume flow rate or pump capacity multiplied by operating time)	Compliant	Discharge monitoring records Site discussions	No records provided that indicate outages of flow monitor. All sub conditions are monitored. Evidence of continuous monitoring was sighted. Note there was no discharge for LDP007 and LDP008 during the audit period. LDP06 is the only point that discharged during period. Evidence of ALS portal sighted that produced instantaneous monitoring values.	
M8 Noise monitoring					
M8.1	To assess compliance with the noise limits specified within this licence, the licensee must undertake operator attended noise monitoring at each specified noise monitoring point in accordance with the table below. POINT 3,4,5 Assessment period: Day, Evening, Night; Minimum frequency in a reporting period: Special Frequency 1; Minimum duration within assessment period: 15 minutes; Minimum number of assessment period: 1 operation day Note: For the purpose of M8.1, Special Frequency 1 means undertake noise monitoring once a year and in response to any complaint made to the licensee. Where monitoring is in response to a complaint made to the licensee, the noise monitoring need only cover the assessment period(s) for which the complaint is referring.	Compliant	SLR noise reports	Noise monitoring was conducted in accordance with this condition.	
6 Reporting Conditions					
R1 Annual return documents					

EPL 3607

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
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 a copy of the form that must be completed and returned to the EPA.	Compliant	Annual Returns (2022, 2023, 2024)	Included in annual return.	
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 Returns (2022, 2023, 2024)	Included in annual return.	
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	Annual Returns (2022, 2023, 2024)	Based on site discussion no written report was requested by the EPA.	
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	Annual Returns (2022, 2023, 2024)	The licence was not 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	Annual Returns (2022, 2023, 2024)	Annual Returns for the reporting period were reviewed by IEMA and all are dated within 60 days of the relevant reporting period as listed below: • 2022 Annual Return dated 22/02/2023 • 2023 Annual Return dated 20/02/2024 • 2024 Annual Return dated 17/02/2025	
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 Returns (2022, 2023, 2024)	Evidence of Annual Returns on the system.	
R1.7	Within the Annual Return, the Statement 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 Returns (2022, 2023, 2024)	Signed Annual Returns.	
R2 Notification of environmental harm					
R2.1	*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.* Notifications must be made by telephoning the Environment Line service on 131 555.	Compliant	Incident reports	The site ahs completed NC notifications in a timely manner as per consent requirement. The PIRMP was enacted proactively for a potential incidents threating material harm.	
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.	Compliant	Incident reports	As discussed in SSD_5594 S2C1 Springvale submitted incident reports where requested within the relevant timeframe. 7 day incident reporting goes to EPA.	
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	Site discussions	Based on site communications this condition was 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	Site discussions	Based on site communications this condition was not triggered.	

EPL 3607

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
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 discussions	Based on site communications this condition was not triggered.	
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	Site discussions	Based on site communications this condition was not triggered.	
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	Site discussions	Licence sighted by IEMA.	
G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.	Compliant	Site discussions	Was requested and provided during 5 yearly audit.	
G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.	Compliant	Site discussions	Exists on site server and as hard copies around site.	
8 Pollution Studies and Reduction Programs					
U1 Salinity Reduction and Toxicity Elimination Program					
U1.1	The licensee must undertake works to achieve the following reductions in salinity in all groundwater inflow mine water (except from the Renown workings) discharged through the Springvale Delta Water Transfer Scheme, as measured by Electrical Conductivity (micro-Siemens per centimetre) by the dates set out below: A 90th percentile limit of 500 EC by 30 June 2019. The licensee must eliminate acute and chronic toxicity from the LDP009 discharge to aquatic species by 30 June 2019, with acute toxicity defined as greater than 10 percent effect relative to the control group and chronic toxicity defined as greater than 20 percent effect relative to the control group.	Not triggered		Completed prior to audit.	

Audit Period:

The Audit period is August 2022 (day after last audit completed) to June 2025

Summaries:

58	Compliant
8	Not triggered
4	Non-compliant
70	**Total**

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

The Regulation commenced on 2 July 2021. For mining leases that were in force before this date, the conditions apply for large mines from 2 July 2022.

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
Part 2 Standard conditions					
	Note— The conditions in this Part prevail over conditions imposed under the Act by the relevant decision-maker to the extent of any inconsistency between them—see the Act, Schedule 1B, clause 7(4).	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 Annual Rehabilitation Report and Forward Program	The non-compliances identified are not considered by site to have triggered this condition. Springvale 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 Annual Rehabilitation Report and Forward Program	• Progressive rehab is undertaken as available, noting that there is minimal opportunities for progressive rehabilitation as the site is an underground mine. Evidence of rehabilitation occurring in the Booster pump areas via the management of vegetation and soil material.	
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 Annual Rehabilitation Report and Forward Program FLRP	• Not triggered. No final rehabilitation during IEA period. • The final land use is outlined in the FLRP.	
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 Annual Rehabilitation Report and Forward Program	A Rehabilitation Management Plan for this consent area has been developed. FLRP and ROBJ approved 8/11/23. Most recent RMP is dated 7 December 2023 and has been prepared in general accordance with the standard mining lease conditions under the Mining Act 1992.	
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 mean**s— (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	-	Noted.	
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.	

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
2	The holder of the mining lease must implement the measures identified.	Compliant	RMP Annual Reviews ARR and FP	Section 6 of the RMP outlines rehabilitation implementation. A review of the Annual Reviews, as well as the site inspection indicate that rehabilitation is undertaken as areas become available (noting minimal areas available for rehab currently, with exception of the Booster pumps area).	
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					
	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	-	Noted.	
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	RMP Annual Rehabilitation Report and Forward Program	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 with sections to meet this. We did note that the ML 1843 is not specifically mentioned in the RMP as the document was not updated once ML 1843 was granted. It should be noted that this area was shown as a Mining Lease Application in the RMP and FLRP. Hence it is in the document, but needs naming updated. Hence there is an improvement REC.	IMP REC Update the RMP to mention the ML 1843.
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	Annual Rehabilitation Report and Forward Program	Annual Rehabilitation Report and Forward Programs 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	A Rehabilitation Management Plan for this consent area has been developed. FLRP and ROBJ approved 8/11/23. Most recent RMP is dated 7 December 2023 and has been prepared in general accordance with the standard mining lease conditions under the Mining Act 1992. Therefore compliant with the 30 day timing requirement.	
12. Rehabilitation outcome documents					

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
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	A Rehabilitation Management Plan for this consent area has been developed. FLRP and ROBJ approved 8/11/23. Most recent RMP is dated 7 December 2023 and has been prepared in general accordance with the standard mining lease conditions under the Mining Act 1992. 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).	
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	FLRP	FLRP is consistent with Project Approval 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	Annual Rehabilitation Report and Forward Programs Annual Review. Official Caution to Centennial Springvale from Resources Regulator dated 22 December 2023 (LETT0008818). Official Caution to Boulder Mining Pty Limited from Resources Regulator dated 22 December 2023 (LETT0008816).	<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. <u>Actual Non - Compliance</u> The first published Springvale Forward Program covers the period 2023-2025. Clause 13(1) of Schedule 8A of the Mining Regulation requires prepare 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. See 2 x Official Caution Letters. The Springvale 2022 Forward Program was due on 1 August 2022. Springvale 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 Springvale 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. Also there was a timing issue for the 2023 Forward Program. The Official Caution Letter from RR states: *According to our records, the Springvale Colliery 2023 forward program was due 31 March 2023. Springvale Colliery submitted the 2023 forward program on 4 May 2023 (FWP0001142), after the due date although Regulator Portal issues are acknowledged as a contributing factor to this late submission. The Rehabilitation Cost Estimate (RCE) required as a component of the forward program was submitted on 6 October 2023 (Our Reference: MAAG0016704, now superseded by RCE0001640). In terms of submitting a complete forward program, the late submission of the RCE component means the forward program requirement was not satisfied until 6 October 2023, significantly later than the 31 March 2023 due date.*	
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	Annual Rehabilitation Report and Forward Programs Annual Review. Official Caution to Centennial Springvale from Resources Regulator dated 22 December 2023 (LETT0008818). Official Caution to Boulder Mining Pty Limited from Resources Regulator dated 22 December 2023 (LETT0008816).	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	Site Comms	Uploaded to the Portal.	
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.	

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
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	Site comms	No updates made.	
3	The holder of the mining lease must amend the document in accordance with the Secretary's direction or approval.	Not Triggered	Site comms	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 Rehabilitation Report and Forward Programs Annual Review. Official Caution to Centennial Springvale from Resources Regulator dated 22 December 2023 (LETT0008818). Official Caution to Boulder Mining Pty Limited from Resources Regulator dated 22 December 2023 (LETT0008816).	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. The 2023 Springvale Annual Review summarised the timing issue. On 10 October 2023, Centennial Springvale Pty Ltd was notified of the commencement of an investigation into the alleged contravention of 2 breaches of the Regulation against titles CL 377 (1973), ML 1303 (1992), ML 1323 (1992), ML 1326 (1992), ML 1424 (1992), ML 1537 (1992), ML 1588 (1992), ML 1670 (1992), ML 1727 (1992), MPL 314 (1973). These contraventions were for the 2022 and 2023 Forward Program against Clause 13(1) of Schedule 8A of the Regulation requiring a forward program to be developed and Clause15(2) requiring its submission to the Secretary before 60 days after the last day of each annual reporting period (or a later date as approved by the Secretary). In relation to the 2022 contravention, Springvale Colliery failed to submit the 2022 forward program to the Regulator as required. In relation to the 2023 contravention Springvale Colliery submitted the 2023 forward program on 4 May 2023 after the due date although Regulator Portal issues are acknowledged as a contributing factor to this late submission. The Rehabilitation Cost Estimate (RCE) required as a component of the forward program was submitted on 6 October 2023. The late submission of the RCE component means the forward program requirement was not satisfied until 6 October 2023, significantly later than the 31 March 2023 due date. Both contraventions s.378D of the Mining Act 1992 were sustained and Springvale was issued an Official Caution as the enforcement action. In summary: (a) RMP first 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 Rehabilitation Report and Forward Programs Annual Review. Official Caution to Centennial Springvale from Resources Regulator dated 22 December 2023 (LETT0008818). Official Caution to Boulder Mining Pty Limited from Resources Regulator dated 22 December 2023 (LETT0008816).	See 2023 Annual Review and Official Warning Letters. The Official Caution Letter from RR states: *According to our records, the Springvale Colliery 2023 forward program was due 31 March 2023. Springvale Colliery submitted the 2023 forward program on 4 May 2023 (FWP0001142), after the due date although Regulator Portal issues are acknowledged as a contributing factor to this late submission. The Rehabilitation Cost Estimate (RCE) required as a component of the forward program was submitted on 6 October 2023 (Our Reference: MAAG0016704, now superseded by RCE0001640). In terms of submitting a complete forward program, the late submission of the RCE component means the forward program requirement was not satisfied until 6 October 2023, significantly later than the 31 March 2023 due date.* Non-compliance 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 4	MOD 4 was 25 November 2022. Note this was simply a removal of the addition of rehabilitation reform conditions. Schedule 4 Condition 32 of the Project Approval states: *The Applicant must prepare a Rehabilitation Management Plan for the development, in accordance with the conditions imposed on the mining lease(s) associated with the development under the Mining Act 1992.* The original RMP was dated 29 July 2022. There is a more recent version dated 7 December 2023. Note clause 20 (1) states: *(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.* Note the MOD 4 was a small administrative change to the RMP condition. It did not lead to an update of any rehabilitation outcome documents.	
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	Site comms	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).	
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	Site comms	No directions received.	
7	The holder of the mining lease must comply with the direction.	Not Triggered	Site comms	No directions received.	

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
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 Annual Rehabilitation Report and Forward Program	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	Website review	Documents published on the Centennial Springvale 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	Website review	These documents are currently on the Centennial Springvale website.	
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	Annual Review Annual Rehabilitation Report	Rehabilitation records are provided in the Annual Review, and Annual Rehabilitation Report.	
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	Site comms	The only non-compliance with the Mining Act 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	Site comms	Refer above.	
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	Site comms	Refer above.	
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	Site comms	Centennial has one consistent person nominated for all Centennial sites.	
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	Site comms	Centennial has one consistent person nominated for all Centennial sites. Based on site interviews the nominated contact person was set up within 28 days of the standard conditions being introduced in July 2022. The nominated contact person at the time has since left Centennial so a specific email could not be provided for this IEA as evidence. However, based on site interviews and the allegations outlined in the 2023 investigation by Resources Regulator, there are no records of the nominated contact person application being a matter investigated. Therefore, this IEA considers the timing under (a) to be met.	

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
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	Site comms	Centennial has one consistent person nominated for all Centennial sites. The nomination includes the required contact details.	
Division 5 Applications relating to development consent					
20. Additional requirements—application for or to modify development consent					
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	-	Site is SSD - not triggered.	
2	This clause does not apply if the development is State significant development.	Not Triggered	-	Site is SSD - not triggered.	

Audit Period:
The Audit period is August 2022 (day after last audit completed) to June 2025

34	Compliant
12	Not Triggered
4	Non-compliant
50	**Total**

MPL 314 MINING LEASE CONDITIONS 2013 - Pit Top

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
Notice to Landholders					
1	(a)Within a period of three months from the date of grant/renewal of this mining lease, the lease holder must serve on each landholder a notice in writing indicating that this mining lease has been granted/renewed and whether the lease includes the surface. A plan identifying each landholder and individual land parcel subject to the lease area, and a description of the lease area must accompany the notice. (b)If there are ten or more landholders, the lease holder may serve the notice by publication in a newspaper circulating in the region where the lease area is situated. The notice must indicate that this mining lease has been granted/renewed; state whether the lease includes the surface and must contain a plan and description of the lease area. If a notice is made under condition 1(b), compliance with condition 1(a) is not required.	Not triggered		Not triggered.	
Rehabilitation					
2	Any disturbance resulting from the activities carried out under this mining lease must be rehabilitated to the satisfaction of the Minister.	Compliant	Site discussion	There was no disturbance available for rehabilitation during the audit period.	
Mining Operations Plan and Annual Rehabilitation Report					
3	(a)The lease holder must comply with an approved Mining Operations Plan (MOP) in carrying out any significant surface disturbing activities, including mining operations, 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. b)The MOP must identify the post mining land use and set out a detailed rehabilitation strategy which: (i)identifies areas that will be disturbed; (ii)details the staging of specific mining operations, mining purposes and prospecting; (iii)identifies how the mine will be managed and rehabilitated to achieve the post mining land use; (iv)identifies how mining operations, mining purposes 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. (c)The MOP must be prepared in accordance with the ESG3: Mining Operations Plan (MOP) Guidelines September 2013 published on the Department's website at www.resources.nsw.qov.au/environment (d)The lease holder may apply to the Minister to amend an approved MOP at any time. (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 Mine Health and Safety Act 2004 I Coal Mine Health and Safety Act 2002 and Mine Health and Safety Regulation 2007 I Coal Mine Health and Safety Regulation 2006 or the Work Health and Safety Act 2011; and (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 at www.resources.nsw.qov.au/environment. Note: Tile Rehabilitation Report replaces the Annual Environmental Management Report	Not triggered	MOP	The MOP has been replaced with the Rehabilitation Management Plan	
Non-Compliance Report					
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 Mining Act or Regulations; (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.	Compliant	Site discussion	No reportable incidents under POEO Act at the pit top area during the audit period.	
Environmental Incident Report					

MPL 314 MINING LEASE CONDITIONS 2013 - Pit Top

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
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.	Compliant	Site discussion	No reportable incidents under POEO Act at the pit top during the audit period.	
Subsidence Management					
6	The lease holder must not commence or undertake underground mining operations that may cause subsidence of the surface other than in accordance with an Eligible Subsidence Management Plan approved by the Director-General.	Not triggered	Plans and discussions	No underground mining occurred under this lease during the audit period.	
6	For the purposes of this condition, an 'Eligible Subsidence Management Plan' means: (i)A Subsidence Management Plan prepared in accordance with current government guidelines for the preparation of Subsidence Management Plans; or (ii)Those parts of an Extraction Plan or another type of plan •prepared, either in whole or in part, with reference to current government guidelines for the preparation of a Subsidence Management Plan; and •approved for the purposes of the Environmental Planning am/ Assessment Act 1979 (or any planning legislation which replaces that Act) by the Minister or Director-General of the Department of Planning & Infrastructure, or another officer of that Department authorised to approve such a plan, which relate to issues of subsidence.	Not triggered	Plans and discussions	No underground mining occurred under this lease during the audit period.	
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		Coal extraction is optimised based on site observations and discussions.	
Security					
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 **$6,750,000.** The leases covered by the group security include: **Mining Lease 204 (Act 1906)** **Mining Lease 564 (Act 1906)** **Private Lands Lease 133 (Act 1906)** **Consolidated Coal Lease 733 (Act 1973)** **Coal Lease 361 (Act 1973)** **Coal Lease 377 (Act 1973)** **Coal Lease 394 (Act 1973)** **Mining Purposes Lease 314 (Act 1973)** **Mining Lease 1303 (Act 1992)** **Mining Lease 1319 (Act 1992)** **Mining Lease 1323 (Act 1992)** **Mining Lease 1326 (Act 1992)** **Mining Lease 1352 (Act 1992)** **Mining Lease 1448 (Act 1992)** **Mining Lease 1537 (Act 1992)** **Mining Lease 1588 (Act 1992)** **Mining Lease 1670 (Act 1992)**	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000	
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: •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 discussions this condition was not triggered.	
Exploration Reporting					

MPL 314 MINING LEASE CONDITIONS 2013 - Pit Top

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
	Note:Exploration Reports (Geological and Geophysical) 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 Exploration Reporting: A guide for reporting on exploration and prospecting in New South Wales (Department of Trade and Investment; Regional Infrastructure and Services 2010).	Compliant	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	
SPECIAL CONDITIONS					
13	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.	Note		Noted.	

ML1303 MINING LEASE CONDITIONS 2013 - Portal and access to underground

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
General Conditions					
Notice to Landholders					
1	(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: (i) that this mining lease has been granted or renewed; and (ii) whether the lease includes the surface. The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area. (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.	Not Triggered		Information provided by Centennial.	
Group Security					
2	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. The amount of the security deposit to be provided as a group security deposit has been assessed at $25,987,000. The leases covered by the group security include this ML 1303 (1992) and:	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000.	
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	Site discussion	There are no overlapping titles.	
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	Site discussion	Exploration drilling occurred under this lease in 2023	
Special Conditions					
Dams Safety - Mining Leases					
	(a) The lease holder must not mine within any part of the lease area which is within the notification area of the Sawyers Swamp Creek Ash Dam without the prior written approval of the Minister and subject to any conditions the Minister may stipulate. (b) Where the lease holder desires to mine within the notification area, the lease holder must: (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 (ii) provide such information as the Minister may direct.	Not Triggered		No mining under these dams.	

ML1303 MINING LEASE CONDITIONS 2013 - Portal and access to underground

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
5	(b) Where the lease holder desires to mine within the notification area, the lease holder must: (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 (ii) provide such information as the Minister may direct.	Not Triggered			
	(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. (i) The sub-paragraph is complied with if: (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).	Not Triggered			
	(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	Not Triggered			
	(e) where Dams Safety NSW has made recommendations the approval is in terms that are: - 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.	Not Triggered			
	(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: - 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.	Not Triggered			
	(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. (ii) suspend for a period of time, alter, omit from or add to any approval given or conditions imposed.	Not Triggered			
Exploration Reporting					
	Note: Exploration Reports (Geological and Geophysical) *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	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	

Summaries:

3	Compliant
9	Not triggered
0	Non-compliant
12	**Total**

ML1323 - Surface Corridor to LDP009 (not used)

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
General Conditions					
Notice to Landholders					
1	(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: (i) that this mining lease has been granted or renewed; and (ii) whether the lease includes the surface. The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area. (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.	Not triggered	Site discussion	Not renewed in audit period.	
Group Security					
2	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. The amount of the security deposit to be provided as a group security deposit has been assessed at $25,987,000. The leases covered by the group security include this ML 1323 (1992) and:	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000.	
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:	Not triggered	Site discussion	There are no overlapping titles.	
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	Site discussion	Exploration drilling occurred under this lease in 2023	
Special Conditions					
	Nil	Not triggered			
Exploration Reporting					
	Note: <u>Exploration Reports (Geological and Geophysical)</u> *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	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	

ML 1326 - Northern Blocks (No mining for many years)

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
General Conditions					
Notice to Landholders					
1	(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: (i) that this mining lease has been granted or renewed; and (ii) whether the lease includes the surface. The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area. (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.	Compliant	Email correspondence	ML1326 was renewed on 15 January 2024. Notification to landholders dated January 2024 was sighted that satisfied the requirements of this condition.	
Group Security					
2	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. The amount of the security deposit to be provided as a group security deposit has been assessed at $25,987,000. The leases covered by the group security include this ML 1326 (1992) and:	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000	
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:	Not triggered			
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	Not triggered	Site discussion	No prospecting occurred under this lease.	
Special Conditions					
	Nil	Not triggered			
Exploration Reporting					
	Note: <u>Exploration Reports (Geological and Geophysical)</u> *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	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	

ML 1537 - Vent Shaft 3

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
General Conditions					
Notice to Landholders					
1	(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: (i) that this mining lease has been granted or renewed; and (ii) whether the lease includes the surface. The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area. (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.	Compliant	Email correspondence	ML1537 was renewed on 14 September 2023. Notification to landholders dated 21 September 2023 was sighted that satisfied the requirements of this condition.	
Group Security					
2	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. The amount of the security deposit to be provided as a group security deposit has been assessed at $25,987,000. The leases covered by the group security include this ML 1537 (1992) and:	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000	
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:	Not triggered		None for this lease.	
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	Not triggered	Site discussion	No prospecting occurred under this lease.	
Special Conditions					
	Nil	Not triggered			
Exploration Reporting					
	Note: Exploration Reports (Geological and Geophysical) *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	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	

Summaries:

3	Compliant
3	Not triggered
0	Non-compliant
6	**Total**

ML1588 - Longwalls 420 and 421 (Has not mined in a while)

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
General Conditions					
Notice to Landholders					
1	(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: (i) that this mining lease has been granted or renewed; and (ii) whether the lease includes the surface. The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area. (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.	Not Triggered			
Group Security					
2	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. The amount of the security deposit to be provided as a group security deposit has been assessed at $25,987,000. The leases covered by the group security include this ML 1588 (1992) and:	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000	
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	
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	Not triggered	Site discussion	No prospecting occurred under this lease.	
Special Conditions					
	Nil	Not triggered			
Exploration Reporting					
	Note: <u>Exploration Reports (Geological and Geophysical)</u> *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	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	

Summaries:

2	Compliant
4	Not triggered
0	Non-compliant
6	**Total**

ML 1670 Bore 6

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
General Conditions					
Notice to Landholders					
1	(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: (i) that this mining lease has been granted or renewed; and (ii) whether the lease includes the surface. The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area. (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.	Not triggered			
Group Security					
2	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. The amount of the security deposit to be provided as a group security deposit has been assessed at $25,987,000. The leases covered by the group security include this ML 1670 (1992) and:	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000	
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:	Not triggered		Not triggered	
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	Not triggered		No prospecting in this area.	
Special Conditions					
	Nil				
Exploration Reporting					
	Note: <u>Exploration Reports (Geological and Geophysical)</u> *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	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	

Summaries:

2	Compliant
3	Not triggered
0	Non-compliant
5	**Total**

ML 1727 - Including Standard Conditions (Only area of UG Mining)

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
General Conditions					
Notice to Landholders					
1	(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: (i) that this mining lease has been granted or renewed; and (ii) whether the lease includes the surface. The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area. (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.	Not triggered			
Group Security					
2	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. The amount of the security deposit to be provided as a group security deposit has been assessed at $25,987,000. The leases covered by the group security include this ML 1727 (1992) and:	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000	
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	
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		Exploration occurred under this lease in 2023. Site has consent to complete exploration and minor activities.	
Special Conditions					
	Nil				
Exploration Reporting					

ML 1727 - Including Standard Conditions (Only area of UG Mining)

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
	Note: <u>Exploration Reports (Geological and Geophysical)</u> *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	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	

The Audit period is August 2022 (day after last audit completed) to June 2025

Summaries:

3	Compliant
2	Not triggered
0	Non-compliant
5	**Total**

ML 1843 (access track to bore 8) - Including Standard Conditions (GRANTED 7 Feb 2023)

Condition Number	Condition	Compliance Status	Source of Evidence	Finding	Recommended Action
General Conditions					
Notice to Landholders					
1	(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: (i) that this mining lease has been granted or renewed; and (ii) whether the lease includes the surface. The notice must include a plan identifying the lease area and each landholder and individual land parcel within the lease area. (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.	Not triggered			
Group Security					
2	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. The amount of the security deposit to be provided as a group security deposit has been assessed at $25,987,000. The leases covered by the group security include this ML 1843 (1992) and:	Compliant	Email 10 July 2024 Email 13 May 2025	See the two emails. Assessment covers Titles CL377 (Head Title), ML1303, ML1323, ML1326, ML1537, ML1588, ML1670, ML1727 and MPL314 which form part of a single joint security. $6,820,000	
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:	Not triggered		Not triggered	
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	Not triggered		No prospecting in that lease.	
Special Conditions					
	Nil				
Exploration Reporting					
	Note: <u>Exploration Reports (Geological and Geophysical)</u> *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	Email correspondence (October 2022, September 2023, September 2024)	Email correspondence from Titles Management System confirmed satisfactory exploration reports had been submitted for each year of the audit period.	

Summaries:

2	Compliant
3	Not triggered
0	Non-Compliance
5	**Total**

INTEGRATED ENVIRONMENTAL MANAGEMENT AUSTRALIA

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

Declaration of Independence – Springvale Independent Environmental Audit

Independent Audit Certification Form - Prior to Completing Audit	
Development Name	Springvale Colliery
Development Consent No	SSD-5594
Operator	Centennial Springvale Pty Limited
Independent Audit	
Title of Audit	Springvale Independent Environmental Audit 2025

I certify that I will undertake the independent audit and prepare the contents of the independent audit report as an independent, impartial and objective auditor:

- I am NOT related to any owner or operator of the development. Such a relationship includes: employer, business partner, employee, sharing a common employer, having a contractual arrangement outside the audit, spouse, partner, sibling, parent, and child;
- I do NOT have any pecuniary interest in the development (or parent company). Such an interest includes the situation where there is a reasonable likelihood or expectation of financial gain or loss to the auditor, or to a person to whom the auditor is closely related (i.e. immediate family);
- I have NOT provided services (not including independent reviews / auditing) to the development to the extent that they would be auditing work done by themselves or their company; or
- I did 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	41 Lewellyn Street Merewether
Date	12/02/2025
Assistant Auditor	
Name	Jordan Murray
Signature	
Address	41 Lewellyn Street Merewether
Email	jordan.murray@iema.com.au
Date	12/02/2025

APPENDIX D. DPHI ENDORSEMENT OF THE AUDIT TEAM

NSW Planning ref: SSD-5594-PA-127

Mrs Natalie Gardiner
Environment and Community Superintendent
Springvale Coal Pty Limited
PO Box 1000
TORONTO, NSW 2283
20/02/2025

Sent via the Major Projects Portal only

Subject: Springvale Coal – Independent Environmental Audit Auditor Approval Request

Dear Mrs Gardiner

Reference is made to your post approval matter, SSD-5594-PA-127, requesting the Planning Secretary's approval of an audit team, to conduct the Independent Environmental Audit for the Springvale Coal Project (project), submitted to the NSW Department of Planning, Housing and Infrastructure (NSW Planning) on 19 February 2025, as required by Schedule 6, Condition 13 of SSD-5594 (Consent).

NSW Planning has reviewed the nomination and information you have provided and is satisfied that the Integrated Environmental Management Australia (IEMA) team are suitably qualified, independent, and experienced.

In accordance with Schedule 6, Condition 13 of the Consent and the NSW Planning, *Independent Audit Post Approval Requirements* (2020), as nominee of the Planning Secretary, I endorse the following independent audit team:

- Chris Jones (Principal Environmental Consultant); and
- Jordan Murray (Senior Environmental Consultant).

Please note, this correspondence is to be appended to the Independent Environmental Audit Report and the Lead Auditor must attend the site inspection(s).

The Independent Environmental 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.

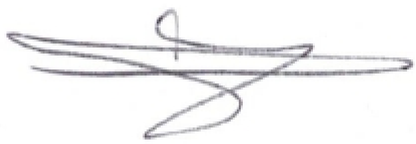
NSW Planning reserves the right to request an alternate auditor or audit team for future audits.

Notwithstanding the endorsement of the above independent audit team for the project, each respective project approval or consent requires a request for endorsement of the independent auditor or audit team be submitted to NSW Planning, for consideration of the Planning Secretary. Each request is reviewed and depending on the complexity of future projects, the suitability of a proposed auditor or audit team will be considered.

Lastly, prior to submitting the IEA report it is recommended that you review the report to ensure it complies with the Consent and the Independent Audit Post Approval Requirements.

Should you wish to discuss the matter further, please contact Jennifer Rowe, (Senior Compliance Officer) on 0242471851 or email compliance@planning.nsw.gov.au

Yours sincerely



Georgia Dragicevic
A/Team Leader Compliance
Compliance

As nominee of the Planning Secretary

NSW Planning ref: SSD-5594-PA-140

Mrs Natalie Gardiner
Environment and Community Superintendent
SPRINGVALE COAL PTY LIMITED
PO BOX 1000
Toronto New South Wales 2283
04/07/2025

Sent via the Major Projects Portal only

Subject: Springvale Coal - IEA Submission Timeframe

Dear Mrs Gardiner

Reference is made to your post approval matter, SSD-5594-PA-140, a request regarding the submission timeframe for the Independent Environmental Audit (IEA) for the Springvale Coal Project SSD-5594 (Consent), submitted to the NSW Department of Planning, Housing and Infrastructure (NSW Planning) on 2 July 2025.

NSW Planning notes Springvale is seeking approval to submit the IEA report, along with its response to any recommendations, within 12 weeks of the audit commencement date. The nomination of a clear commencement date removes ambiguity regarding the definition of "completion" (i.e., whether it refers to the date of the site inspection or the date the final audit report is received).

In accordance with Schedule 6 Condition 13 of the Consent, the Planning Secretary grants the request. Therefore, within 12 weeks of commencing the IEA, you must submit a copy of the IEA report, together with your response to any recommendations contained in the IEA report, and a timetable for the implementation of any measures proposed to address the recommendations, via the major projects website.

Should you wish to discuss the matter further, please contact Jennifer Rowe, (Senior Compliance Officer) on 0242471851 or email compliance@planning.nsw.gov.au

Yours sincerely

Katrina O'Reilly
Team Leader - Compliance
Compliance
As nominee of the Planning Secretary

APPENDIX E. RECORDS OF CONSULTATION

Outlook

AREQ0065165 | Springvale Colliery | Enquiry (external) | Other Enquiry | 13 Jun 2025 16:45:26

From NSW Resources <info@sys.resources.nsw.gov.au>
Date Fri 7/4/2025 3:20 PM
To Jordan Murray <jordan.murray@iema.com.au>

1 attachment (45 KB)
IEMA_Springvale Colliery_July 2025.pdf;

Dear Mr Murray,

Please find attached the Regulator's response to your request for consultation on the independent environmental audit of the Springvale Colliery.

Regards,

Jenny Ehmsen
Principal Compliance Auditor
MAI - Enforcement | Resources Regulator
T 02 4931 6420 M 0438 735 010

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Department Regional NSW

The Department of Primary Industries and Regional Development acknowledges that it stands on Country which always was and always will be Aboriginal land. We acknowledge the Traditional Custodians of the land and waters, and we show our respect for Elders past, present and emerging. We are committed to providing places in which Aboriginal people are included socially, culturally and economically through thoughtful and collaborative approaches to our work.

Ref:MSG1664677_SVT9UMmuIc3vqybHk57l

NSW Resources
Resources Regulator

4 July 2025

Mr Jordan Murray
IEMA Pty Ltd
Ground Floor, 41 Llewellyn Street
Merewether NSW 2291
By Email: jordan.murray@iema.com.au

Re: Springvale Colliery – Independent Environmental Audit

Dear Mr Murray,

Thank you for your email dated 13 June 2025 (our reference: AREQ0065165) requesting consultation on the independent audit to be undertaken of the Springvale Colliery which is covered by the following mining leases:

- CL377 (1973)
- ML1303 (1992)
- ML1323 (1992)
- ML1326 (1992)
- ML1352 (1992)
- ML1424 (1992)
- ML1537 (1992)
- ML1588 (1992)
- ML1670 (1992)
- ML1727 (1992)
- ML1843 (1992)
- MPL314 (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

Outlook

FW: Springvale Mine 2025 IEA Consultation - NSW EPA [ref:!00D7F06iTix.!500Mn0uFh9P:ref]

From Lucy Apps <Lucy.Apps@epa.nsw.gov.au>
Date Mon 7/14/2025 3:02 PM
To Jordan Murray <jordan.murray@iema.com.au>

2 attachments (497 KB)
Appointment of Experts_20022025_104931.pdf; image001.png;

Hi Jordan

I tried to reach out to you regarding the below notification. Apologies in the delay in getting back to you, an area the EPA would like reviewed is water management at the premises. It appears from the water management plan that water is pumped from underground workings to the fire dam which is acting as a discharge point for the premises. The fire dam is also reported as surface water run-off dam so clarification around the intent and the actual use of the dam would be useful.

If you need anything further from me, please feel free to call me on 6333 3820.

Kind regards,

Lucy

Lucy Apps
Unit Head
Regulatory Operations
NSW Environment Protection Authority
D 02 6333 3800

nsw epa

www.epa.nsw.gov.au @NSW_EPA

From: Environment Line <info@environment.nsw.gov.au>
Sent: Friday, 13 June 2025 2:04 PM
To: EPA Delivery Hub Mailbox <EPA.DeliveryHub@epa.nsw.gov.au>
Subject: FW: Springvale Mine 2025 IEA Consultation - NSW EPA [ref:!00D7F06iTix.!500Mn0uFh9P:ref]

Kind Regards
Matt

Senior Information Officer
Environment Line
NSW Environment Protection Authority
Regulatory Practice and Services Division
NSW Environment Protection Authority

info@epa.nsw.gov.au / info@environment.nsw.gov.au

Phone: 131555

6 Parramatta Square, 12 Darcy St, Parramatta NSW 2150

www.epa.nsw.gov.au @NSW_EPA
The EPA acknowledges the Traditional Custodians of the land, waters and sky where we work. As part of the world's oldest surviving cultures we pay our respect to Aboriginal Elders past, present and emerging.

I work on Wonnarua Nation lands.

--------------- Forwarded Message ---------------
From: Jordan Murray [jordan.murray@iema.com.au]
Sent: 13/06/2025 1:44 PM
To: info@epa.nsw.gov.au
Cc: chris.jones@iema.com.au
Subject: Springvale Mine 2025 IEA Consultation - NSW EPA

To whom it may concern
IEMA have been engaged by Centennial Springvale Pty Ltd to conduct the 2025 Independent Environmental Audit (IEA) for Springvale Mine. The IEA will be completed in accordance with Schedule 6 Condition 13 of SSD_5594 (the consent) and will also include the relevant Statement of Commitments, Environment Protection Licences (EPLs) and Mining Leases.
The audit will cover the three-year period from August 2022 to June 2025.
The approved audit team (letter attached) was endorsed by the Department of Planning and Environment (DPE) on 24 March 2022, and comprises:

1. Chris Jones (Principal Environmental Consultant – IEMA) – Lead Auditor
2. Jordan Murray (Associate Environmental Consultant – IEMA) – Assistant Auditor

The Audit team is seeking feedback regarding activities during the IEA period as required under the Independent Audit Post Approval Requirements (IAPAR, 2020). Please send an email with any feedback you have about the site or any aspects that you would like reviewed.
If you would prefer to have your input kept confidential, please call on the number below and the queries will be assessed in the IEA but not attributed to you or your organisation.
Regards
Jordan
JORDAN MURRAY
Associate Consultant

ABN 32 622 237 870
PO Box 3161,
Ground Floor, 41 Llewellyn Street,
MEREWETHER NSW 2291 AUSTRALIA
e: jordan.murray@iema.com.au
m: 0498 783 010 I w: www.iema.com.au

ref:!00D7F06iTix.!500Mn0uFh9P:ref

PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

Outlook

RE: CS0758455 - Springvale Mine 2025 IEA Consultation - WaterNSW

From Rizwana Rumman <Rizwana.Rumman@waternsw.com.au>
Date Tue 7/8/2025 10:36 AM
To Jordan Murray <jordan.murray@iema.com.au>

Hi Jordan,

Thank you for seeking WaterNSW's advice with regards to the Independent Environmental Audit for Springvale Mine (SSD_5594) for the three-year period from August 2022 to June 2025. The site is located within the Upper Coxs River catchment of the Sydney Drinking Water Catchment and therefore it is important that the site has a Neutral or Beneficial Effect (NorBE) on receiving water quality as per the *State Environmental Planning Policy* (the SEPP).

WaterNSW requests that the IEA specifically look into water management at the site to ensure management measures detailed in the *Upper Coxs River Action & Monitoring Plan* and the *Water Management Plan* required under development consent condition 13 and 14 are adequately addressed and that NorBE has been met during the audit period.

As previously mentioned in the repose to Springvale Mine's Water Management Plan review, WaterNSW also requests that the IEA look into the following:

- a review of the current status and reporting mechanisms of the Upper Coxs River Action & Monitoring Plan
- a review of the Regional Water Quality Impact Assessment Model (required as per Schedule 4, Condition 14 (d)(ii))
- review of increase of groundwater inflows compared to the 2016 Water Management Plan, including more detail about the inflows from the State Mine workings to Springvale Mine and why these weren't considered in previous modelling
- review of average daily discharges from LDP006 for the reporting period in light of higher-than-average rainfall in recent years including why the risk of future exceedances were considered unlikely during the continued operations of the mine as suggested in the updated Water Management Plan

Happy to chat if you have any questions on any of the above.

Kind regards,

Rizwana Rumman
Catchment Assessment Officer

WaterNSW
We're at the source

Level 14, 169 Macquarie St (1PSQ)
Parramatta NSW 2150
Work location: remote, please reach via email

E: rizwana.rumman@waternsw.com.au

Follow us on socials:

To whom it may concern

IEMA have been engaged by Centennial Springvale Pty Ltd to conduct the 2025 Independent Environmental Audit (IEA) for Springvale Mine. The IEA will be completed in accordance with Schedule 6 Condition 13 of SSD_5594 (the consent) and will also include the relevant Statement of Commitments, Environment Protection Licences (EPLs) and Mining Leases.

The audit will cover the three-year period from August 2022 to June 2025.

The approved audit team (letter attached) was endorsed by the Department of Planning and Environment (DPE) on 24 March 2022, and comprises:

- Chris Jones (Principal Environmental Consultant – IEMA) – Lead Auditor
- Jordan Murray (Associate Environmental Consultant – IEMA) – Assistant Auditor

The Audit team is seeking feedback regarding activities during the IEA period as required under the Independent Audit Post Approval Requirements (IAPAR, 2020). Please send an email with any feedback you have about the site or any aspects that you would like reviewed.

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

Regards
Jordan

JORDAN MURRAY
Associate Consultant

INTEGRATED ENVIRONMENTAL MANAGEMENT AUSTRALIA

ABN 32 622 237 870
PO Box 3161,
Ground Floor, 41 Llewellyn Street,
MEREWETHER NSW 2291 AUSTRALIA
e: jordan.murray@iema.com.au
m: 0498 783 010 I w: www.iema.com.au

Ref:MSG6621322

Outlook

RE: Springvale Coal IEA - Consultation Requirements

From Georgia Dragicevic <Georgia.Dragicevic@planning.nsw.gov.au>
Date Tue 6/10/2025 7:35 PM
To Jordan Murray <jordan.murray@iema.com.au>
Cc Chris Jones <chris.jones@iema.com.au>

Hi Jordan,

Thank for consulting the Department n the upcoming IEAR for Springvale Coal.

In addition to the below proposed stakeholders, please check the consent for any other relevant stakeholders.

Kind regards,
Georgia

From: Jordan Murray <jordan.murray@iema.com.au>
Sent: Tuesday, 10 June 2025 3:37 PM
To: Georgia Dragicevic <Georgia.Dragicevic@planning.nsw.gov.au>
Cc: Chris Jones <chris.jones@iema.com.au>
Subject: Springvale Coal IEA - Consultation Requirements

Hi Georgia

IEMA have been engaged by Centennial Springvale Pty Ltd to conduct the 2025 Independent Environmental Audit (IEA) for Springvale Coal Project (the project). The IEA will be completed in accordance with Schedule 6 Condition 13 of SSD_5594 (the consent) and will also include the relevant Statement of Commitments, Environment Protection Licences (EPLs) and Mining Leases. IEMA previously completed the 2022 IEA for the project.

The audit will cover the three-year period from August 2022 to June 2025.

The approved audit team (letter attached) was endorsed by the DPHI on 20 February 2025, and comprises:

- Chris Jones (Principal Environmental Consultant) – Lead Auditor
- Jordan Murray (Senior Environmental Consultant) – Assistant Auditor

As required under the Independent Audit Post Approval Requirements (IAPAR, 2020) IEMA is seeking advice from Planning regarding the consultation requirements for the audit. We have proposed the below list (we consulted with these groups or their equivalent for the 2022 IEA), please let me know if you have any other agencies you would like included.

Agency
DPHI
Springvale's Community Consultative Committee (CCC) Chair
Biodiversity and Conservation Division

WaterNSW
Natural Resource Access Regulator
Resource Regulator
Lithgow City Council
NSW Environment Protection Authority

Kind regards
Jordan

JORDAN MURRAY
Associate Consultant

ABN 32 622 237 870
PO Box 3161,
Ground Floor, 41 Llewellyn Street,
MEREWETHER NSW 2291 AUSTRALIA
e: jordan.murray@iema.com.au
m: 0498 783 010 I w: www.iema.com.au

Outlook

RE: Springvale Mine 2025 IEA Consultation - CCC

From Deborah Palmer <deborah@deborahpalmerconsulting.com.au>
Date Tue 7/1/2025 8:48 AM
To Jordan Murray <jordan.murray@iema.com.au>
Cc Chris Jones <chris.jones@iema.com.au>

Hi Jordan

I've not had any feedback from the CCC members regarding any areas of focus for the audit.

On behalf of the CCC, thank you for the opportunity to contribute.

Kind regards

Deborah

Deborah Palmer | Director
Deborah Palmer Consulting
ABN 50723432790

m: +61 0450 172 582
e: deborah@deborahpalmerconsulting.com.au

I acknowledge the Traditional Custodians of the land, water and sky on which I work and recognise the continuing cultural and spiritual connections that Aboriginal and Torres Strait Islander People have to Country. I pay my respect to Elders past, present and emerging.

From: Jordan Murray <jordan.murray@iema.com.au>
Sent: Tuesday, 17 June 2025 9:51 AM
To: Deborah Palmer <deborah@deborahpalmerconsulting.com.au>
Cc: Chris Jones <chris.jones@iema.com.au>
Subject: RE: Springvale Mine 2025 IEA Consultation - CCC

Thanks Deborah, if you could provide any feedback from the CCC within the next 2 weeks that would be great.

Regards
Jordan

From: Deborah Palmer <deborah@deborahpalmerconsulting.com.au>
Sent: Monday, 16 June 2025 4:23 PM
To: Jordan Murray <jordan.murray@iema.com.au>

Cc: Chris Jones <chris.jones@iema.com.au>
Subject: RE: Springvale Mine 2025 IEA Consultation - CCC

Hi Jordan

Thanks for clarifying. When are you seeking feedback by?

Thank you

Deborah

Deborah Palmer | Director
Deborah Palmer Consulting
ABN 50723432790

m: +61 0450 172 582
e: deborah@deborahpalmerconsulting.com.au

I acknowledge the Traditional Custodians of the land, water and sky on which I work and recognise the continuing cultural and spiritual connections that Aboriginal and Torres Strait Islander People have to Country. I pay my respect to Elders past, present and emerging.

From: Jordan Murray <jordan.murray@iema.com.au>
Sent: Monday, 16 June 2025 2:32 PM
To: Deborah Palmer <deborah@deborahpalmerconsulting.com.au>
Cc: Chris Jones <chris.jones@iema.com.au>
Subject: RE: Springvale Mine 2025 IEA Consultation - CCC

Hi Deborah

Under the audit guidelines (IAPAR, 2020) we are required to consult with a range of external stakeholders (as directed by DPHI) to identify any potential issues or concerns they may have. As such, I've contacted you as chair of the CCC to see if the CCC has identified any areas they'd like us to take a closer look at while we're conducting the audit.

if there's anything you'd like to raise on behalf of the CCC please let me know, otherwise no comment is fine too.

Hopefully that clears it up, if not please feel free to call me to discuss – 0498 783 010.

Kind regards
Jordan

From: Deborah Palmer <deborah@deborahpalmerconsulting.com.au>
Sent: Monday, 16 June 2025 2:17 PM
To: Jordan Murray <jordan.murray@iema.com.au>
Cc: Chris Jones <chris.jones@iema.com.au>
Subject: RE: Springvale Mine 2025 IEA Consultation - CCC

Hi Jordan

I'm the Chairperson of the Western Region CCC. Given my independent role I don't think it is appropriate that I provide comment on the review. I can see if members of the committee would like to provide comment if you would like me to forward your email to them for your consideration?

Kind regards

Deborah

Deborah Palmer | Director
Deborah Palmer Consulting
ABN 50723432790

m: +61 0450 172 582
e: deborah@deborahpalmerconsulting.com.au

I acknowledge the Traditional Custodians of the land, water and sky on which I work and recognise the continuing cultural and spiritual connections that Aboriginal and Torres Strait Islander People have to Country. I pay my respect to Elders past, present and emerging.

From: Jordan Murray <jordan.murray@iema.com.au>
Sent: Friday, 13 June 2025 1:46 PM
To: Deborah Palmer <deborah@deborahpalmerconsulting.com.au>
Cc: Chris Jones <chris.jones@iema.com.au>
Subject: Springvale Mine 2025 IEA Consultation - CCC

Hi Deborah

IEMA have been engaged by Centennial Springvale Pty Ltd to conduct the 2025 Independent Environmental Audit (IEA) for Springvale Mine. The IEA will be completed in accordance with Schedule 6 Condition 13 of SSD_5594 (the consent) and will also include the relevant Statement of Commitments, Environment Protection Licences (EPLs) and Mining Leases.

The audit will cover the three-year period from August 2022 to June 2025.

The approved audit team (letter attached) was endorsed by the Department of Planning and Environment (DPE) on 24 March 2022, and comprises:

- Chris Jones (Principal Environmental Consultant – IEMA) – Lead Auditor
- Jordan Murray (Associate Environmental Consultant – IEMA) – Assistant Auditor

The Audit team is seeking feedback regarding activities during the IEA period as required under the Independent Audit Post Approval Requirements (IAPAR, 2020). Please send an email with any feedback you have about the site or any aspects that you would like reviewed.

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

Regards
Jordan

JORDAN MURRAY
Associate Consultant

INTEGRATED ENVIRONMENTAL MANAGEMENT AUSTRALIA

ABN 32 622 237 870
PO Box 3161,
Ground Floor, 41 Llewellyn Street,
MEREWETHER NSW 2291 AUSTRALIA
e: jordan.murray@iema.com.au
m: 0498 783 010 I w: www.iema.com.au

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Outlook

RE: Springvale Mine 2025 IEA Consultation - SSD_5594 - IEMA

From Lithgow City Council <council@lithgow.nsw.gov.au>
Date Wed 6/25/2025 8:32 AM
To Jordan Murray <jordan.murray@iema.com.au>

1 attachment (1 KB)
~WRD0001.jpg;

Dear Jordan,

Council has no feedback at this stage in relation to the Springvale Mine Consent.

Yours Sincerely

Lauren Stevens
Development Planner
Development, Lithgow City Council
t: (02) 6354 9999 w: council.lithgow.com
PO Box 19, 180 Mort St, Lithgow, NSW, 2790

INTEGRITY | RESILIENCE | RESPECT | ACCOUNTABILITY

#RESPOND 2390967
#ECMBODY

From: Jordan Murray <jordan.murray@iema.com.au>
Sent: Friday, 13 June 2025 1:43 PM
To: Lithgow City Council <council@lithgow.nsw.gov.au>
Cc: Chris Jones <chris.jones@iema.com.au>
Subject: Springvale Mine 2025 IEA Consultation - Lithgow City Council

To whom it may concern

IEMA have been engaged by Centennial Springvale Pty Ltd to conduct the 2025 Independent Environmental Audit (IEA) for Springvale Mine. The IEA will be completed in accordance with Schedule 6 Condition 13 of SSD_5594 (the consent) and will also include the relevant Statement of Commitments, Environment Protection Licences (EPLs) and Mining Leases.

The audit will cover the three-year period from August 2022 to June 2025.

The approved audit team (letter attached) was endorsed by the Department of Planning and Environment (DPE) on 24 March 2022, and comprises:

- Chris Jones (Principal Environmental Consultant – IEMA) – Lead Auditor
- Jordan Murray (Associate Environmental Consultant – IEMA) – Assistant Auditor

The Audit team is seeking feedback regarding activities during the IEA period as required under the Independent Audit Post Approval Requirements (IAPAR, 2020). Please send an email with any feedback you have about the site or any aspects that you would like reviewed.

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

Regards
Jordan

JORDAN MURRAY
Associate Consultant

IEMA INTEGRATED ENVIRONMENTAL MANAGEMENT AUSTRALIA

ABN 32 622 237 870
PO Box 3161,
Ground Floor, 41 Llewellyn Street,
MEREWETHER NSW 2291 AUSTRALIA
e: jordan.murray@iema.com.au
m: 0498 783 010 I w: www.iema.com.au

Disclaimer

The information contained in this communication from the sender is confidential. It is intended solely for use by the recipient and others authorized to receive it. If you are not the recipient, you are hereby notified that any disclosure, copying, distribution or taking action in relation of the contents of this information is strictly prohibited and may be unlawful.

APPENDIX F. INDEPENDENT AUDIT REPORT DECLARATION FORM

Independent Audit Report Declaration Form – Upon Report Completion	
Project Name	Springvale Independent Environmental Audit (2025)
Consent Number	SSD-5594
Description of Project	Independent Environmental Audit for Springvale Colliery
Project Address	Wallerawang, NSW, 2845
Proponent	Centennial Coal
Title of Audit	Springvale Independent Environmental Audit (2025)
Date	8/9/2025

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:

i. the audit has been undertaken in accordance with relevant condition(s) of consent and the Independent Audit Compliance Requirements (Department 2020);

ii. the findings of the audit are reported truthfully, accurately, and completely;

iii. I have exercised due diligence and professional judgement in conducting the audit;

iv. I have acted professionally, objectively and in an unbiased manner;

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;

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;

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

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.

Notes:

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

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)

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	Jordan Murray
Signature	
Company	IEMA
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