



# 2023 INDEPENDENT ENVIRONMENTAL AUDIT REPORT

Rix's Creek Mine

**Abstract**

Prepared by Atlantech Pty Ltd for Bloomfield Collieries Pty Ltd.



## Document Control

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## 1. Executive Summary

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Atlantech Pty Ltd (Atlantech) was engaged by Bloomfield Collieries Pty Ltd (Bloomfield) to conduct an Independent Environmental Audit (IEA) of Rix's Creek Mine (RCM).

Rix's Creek Mine operates under three project approvals; DA 49/94 and SSD 6300 which relate to Rix's Creek South and PA 08\_0102 which relates to Rix's Creek North. Bloomfield received approval from the Department of Planning and Environment (DPE) to combine the IEAs required under conditions of the Rix's Creek North and South approvals. As such, this audit addresses the requirements of PA 08\_0102 Schedule 5 Condition 11, DA 49/94 Schedule 2 Condition 26 and SSD 6300 Schedule 2 Condition E10.

The objective of the IEA was to determine the environmental performance and compliance status of Rix's Creek Mine against relevant regulatory approvals for the period 4 November 2020 to 4 November 2023. The audit scope was aligned with the following:

- Relevant conditions of the project approvals provided in Section 2.4.1;
- Section 3.3 of the DPE *Independent Audit Post Approval Requirements (2020)*; and
- Input obtained from relevant agencies (refer to Section 3.2).

The audit commenced on 23 October 2023, upon DPE endorsement of the audit team and a site inspection was completed on the 9 and 10 November 2023.

The IEA identified a total of 20 non-compliances against conditions of PA 08\_0102, SSD 6300, DA 49/94 and EPL 3391 during the audit period. Recommendations to address these non-compliances are provided in Section 5 of the report.

Overall, good environmental management practices were identified, with the following observations of keynote:

- A predictive modelling tool is used for assessing the noise, air quality and blasting impacts of the operation. The tool allows for optimal design of blast events and planning of site activities based on predicted weather conditions. The tool is a proactive approach to minimising the impact of the site on external stakeholders.
- Bloomfield implement a comprehensive noise management program consistent with best practice. The program includes nightly noise monitoring which allows for real-time adaptive management to ensure compliance with relevant noise criteria. Monitoring systems used also allow for in-field calculation of instantaneous low frequency penalties and probabilities of noise enhancing inversion conditions. Monitoring is aligned with the predictive noise tool.
- A robust water management system is in place, which is well understood by site personnel, and allows for adequate separation of clean and mine affected water.
- Bloomfield works in collaboration with neighbouring mine sites to manage the cumulative impacts in the region. This includes regular meetings to discuss air quality, noise and blast aspects of the operations.



- Internal management plans and procedures, beyond that required under conditions of the project approvals, have been developed to ensure impacts of the development are minimised, such as the Hydrocarbon Management Procedure, Land Disturbance Management Procedure and Tiger Orchid Translocation Management Plan.
- The Coal Handling and Preparation Plants (CHPPs), workshops and other infrastructure areas are in good condition and well managed, with waste segregation, pollution controls and bunding in place and effective.
- Pasture rehabilitation areas are being utilised for cattle grazing to demonstrate rehabilitation is trending towards the final land use requirements.







## 2. Introduction

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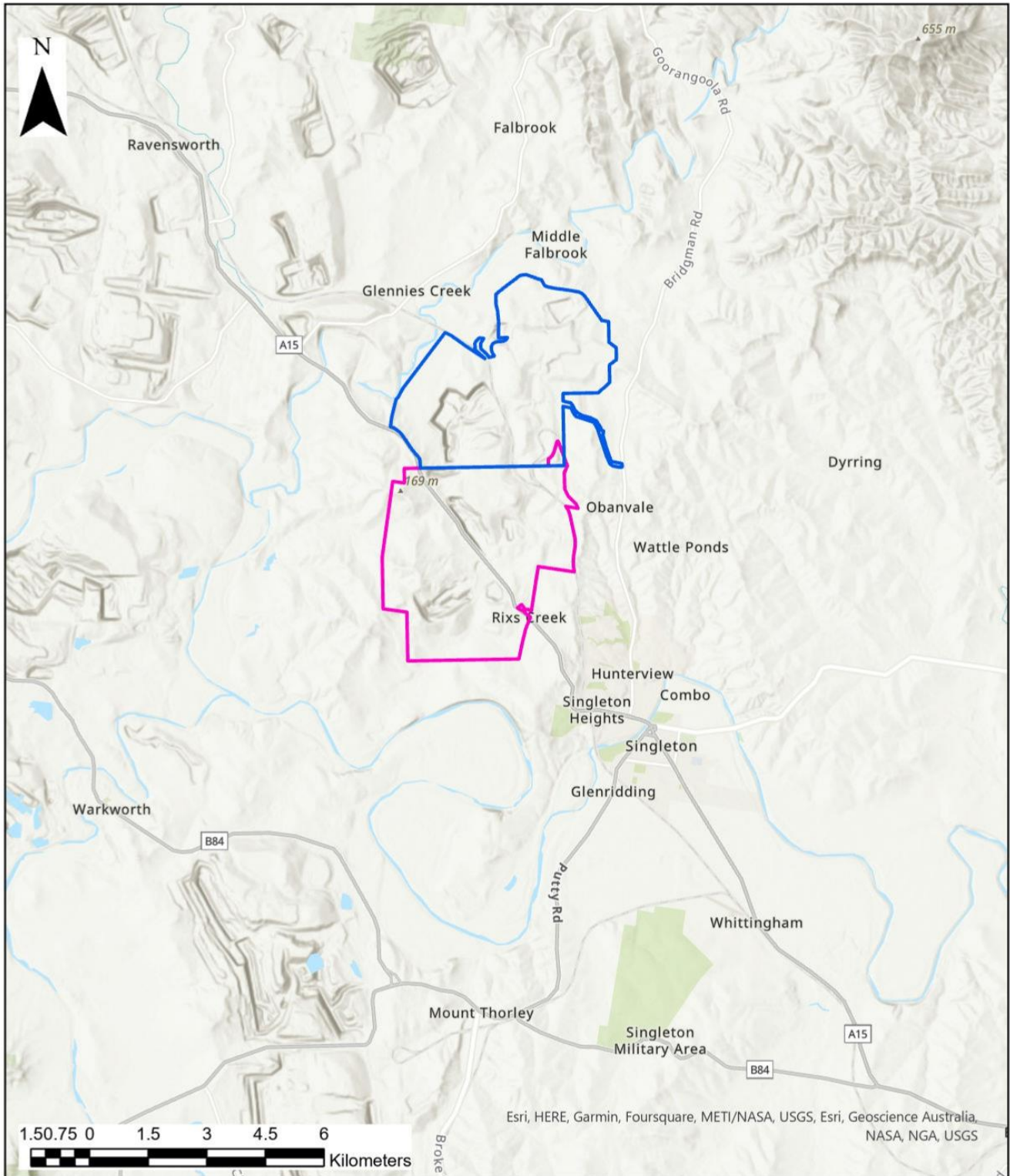
Atlantech Pty Ltd (Atlantech) was engaged by Bloomfield Collieries Pty Ltd (Bloomfield) to conduct an Independent Environmental Audit (IEA) of Rix's Creek Mine (RCM).

Rix's Creek Mine operates under three project approvals; PA 08\_0102 which relates to Rix's Creek North, and DA 49/94 and SSD 6300 which relate to Rix's Creek South. Bloomfield received approval from the Department of Planning and Environment (DPE) to combine the IEAs required under conditions of the Rix's Creek North and South approvals. As such, this audit was conducted in accordance with the following:

- PA 08\_0102 Schedule 5, Condition 11;
- DA 49/94 Schedule 2, Condition 26; and
- SSD 6300 Schedule 2, Condition E10.

### 2.1 Background of the Project

Rix's Creek Mine is an open cut coal mine wholly owned and operated by Bloomfield. The operation is situated approximately 10 km north-west of Singleton, New South Wales (refer to Figure 1). Rix's Creek Mine comprises of the original Rix's Creek Mine, known as Rix's Creek South and the former Integra Open Cut Project, known as Rix's Creek North.



**Legend**

- ▭ RCN Project Boundary
- ▭ RCS Project Boundary

Date created: 22/11/2023  
 Map created by: shovar  
 Map size: A4 Portrait  
 Coordinate system: GDA2020 MGA Zone 56  
 Projection: Transverse Mercator  
 Datum: GDA2020

Figure 1: Rix's Creek Mine Regional Locality.



### 2.1.1 Rix's Creek South

Rix's Creek South commenced operations in July 1990 following the grant of Development Consent DA 86/2889 and Coal Lease No. 352 on 20 October 1989. A second approval, DA 49/94, was later approved on the 19 October 1995 for a period of 21 years from the date of issue of a mining lease in satisfaction of Mining Lease Application No. 17. Mining Lease 1432 was subsequently issued on 24 June 1998.

In 2015, Bloomfield submitted a development application to extend mining operations within the area for a further 21 years. This project was named the Rix's Creek South Continuation of Mining Project State Significant Development 6300 (SSD 6300). Bloomfield sought an extension to the Project Approval (DA 49/94 MOD 10) to allow continued coal extraction while the Continuation Project assessment was undergoing due process. The Rix's Creek South Continuation of Mining Project SSD 6300 was commenced on 24 February 2020 and later modified on 12 July 2021 (MOD1). DA 49/94 is in the process of being surrendered and remains in force.

Coal extraction operations took place in the West Pit at Rix's Creek South during the audit period.

### 2.1.2 Rix's Creek North

In December 2015, HV Coking Coal Pty Limited (Glencore) completed the purchase of the Integra Mining Operations Complex, comprising of the Integra Underground and Open Cut. Bloomfield subsequently purchased, from Glencore, the previous Integra Open Cut Operations, Coal Handling Preparation Plant, Train Loading Infrastructure and the Rail Loop. The Rail Loop is utilised by both Rix's Creek North and Rix's Creek South.

Application was made in February 2016 to separate the approvals for the underground (PA 08\_0101) and open cut (PA 08\_0102) operations, as well as to extend the open cut approval to December 2035. Approval of this application was formally granted in August 2016. Bloomfield operates the Open Cut Operations as Rix's Creek North Mine under Project 08\_0102. Coal extraction operations took place in the Camberwell Pit at Rix's Creek North during the audit period, while Falbrook Pit remained in care and maintenance. Bloomfield also manages the delivery of run of mine (ROM) coal from the Integra Underground Mine, as well as all coal preparation and train loading operations.

PA 08\_0102 was modified in February 2021 (MOD9) to allow for temporary increase to the approved height of the overburden emplacement area in the Camberwell Pit and to amend the specified blasting frequency.



## 2.2 The Audit Team

The IEA team members, including required technical specialists, are listed in Table 1 below.

Table 1: Rix's Creek 2023 IEA team.

Name	Company	Audit Team Role
Samantha Hovar	Atlantech	Lead Auditor
Dean Woods	Atlantech	Assistant Auditor
Shane Lakmaker	Airen Consulting	Air Quality Specialist
Duncan Barnes	SLR Consulting	Water Specialist
Greg Collins	RAPT Consulting	Noise Specialist

## 2.3 Audit Objectives

The objective of the IEA was to determine the environmental performance and compliance status of Rix's Creek Mine against the regulatory approvals outlined in Section 4.1.

## 2.4 Audit Scope

The audit scope was aligned with the following:

- Relevant conditions of the project approvals provided in Section 2.4.1;
- Section 3.3 of the DPE *Independent Audit Post Approval Requirements (2020)*; and
- Input obtained from relevant agencies (refer to Section 3.2).

### 2.4.1 Relevant Project Approval Conditions

The IEA requirements of PA 08\_0102, DA 49/94 and SSD 6300 are outlined in Table 2.

Table 2: IEA Project Approval conditions.

Approval Condition	Requirement
PA 08_0102 Schedule 5, Condition 11	By the end of December 2011, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the project. This audit must: <ol style="list-style-type: none"> <li>be conducted by suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;</li> <li>include consultation with the relevant agencies;</li> <li>assess the environmental performance of the project and whether it is complying with the relevant requirements in this consent and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals);</li> <li>review the adequacy of any approved strategies, plans or programs required under these approvals, with particular reference to management</li> </ol>



Approval Condition	Requirement
	<p>practices to ensure that they align with contemporary best practice industry standards;</p> <p>(e) recommend appropriate measures or actions to improve the environmental performance of the project, and/or any assessment, strategy, plan or program required under the abovementioned approvals; and</p> <p>(f) be conducted and reported to the satisfaction of the Secretary.</p>
<p>DA 49/94 Schedule 2, Condition 26</p>	<p>By the end of December 2016, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant must commission, commence and pay the full cost of an Independent Environmental Audit of the development. This audit must:</p> <p>(i) be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;</p> <p>(ii) include consultation with the relevant agencies;</p> <p>(iii) assess the environmental performance of the development and assess whether it is complying with the requirements in this consent and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals);</p> <p>(iv) review the adequacy of strategies, plans or programs required under the abovementioned approvals;</p> <p>(v) recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy, plan or program required under the abovementioned approvals; and</p> <p>(vi) be conducted and reported to the satisfaction of the Secretary.</p>
<p>SSD 6300 Schedule 2, Condition E10</p>	<p>Within one year of commencing development under this consent, and every three years after, unless the Planning Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the development. The audit must:</p> <p>(a) be led by a suitably qualified, experienced and independent auditor whose appointment has been endorsed by the Planning Secretary;</p> <p>(b) be conducted by a suitably qualified, experienced and independent team of experts (including any expert in field/s specified by the Planning Secretary) whose appointment has been endorsed by the Planning Secretary;</p> <p>(c) be carried out in consultation with the relevant agencies and the CCC;</p> <p>(d) assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent, water licences and mining leases for the development (including any assessment, strategy, plan or program required under these approvals);</p>



Approval Condition	Requirement
	(e) review the adequacy of any approved strategy, plan, or program required under the abovementioned approvals and this consent;  (f) recommend appropriate measures or actions to improve the environmental performance of the development and any assessment, strategy, plan or program required under the abovementioned approvals and this consent; and  (g) be conducted and reported to the satisfaction of the Planning Secretary.

## 2.5 Audit Period

The previous IEA undertaken in 2020 by GHD Pty Ltd for Rix’s Creek Mine covered the following period for each relevant approval:

- DA 49/94 – 2 November 2019 to 4 November 2020.
- SSD 6300 – 24 February 2020 to 4 November 2020.
- EPL 3391 – 28 October 2017 to 4 November 2020.
- PA 08\_0102 – 28 October 2017 to 3 November 2020.

The period to which this audit applies is inclusive of 4 November 2020 to 4 November 2023.

## 3. Audit Methodology

The audit was carried out in accordance with the requirements of ISO 19011:2018 *Guidelines for auditing management systems* and the DPE *Independent Audit Post Approval Requirements (2020)*.

### 3.1 Selection and Endorsement of Audit Team

The audit team was approved by DPE on 23 October 2023 to undertake the IEA of Rix’s Creek Mine. Subsequent approval was granted by DPE on 8 November 2023 for the appointment of an assistant auditor. A copy of the endorsement letters from DPE are provided in [Appendix B](#).

### 3.2 Scope Development and Consultation

The audit scope was developed in accordance with the DPE *Independent Audit Post Approval Requirements (2020)*.

On 2 November 2023, Atlantech requested from DPE input into the audit scope as well as confirmation of any other parties or agencies to be consulted during development of the audit scope. A response



was received from DPE on 8 November 2023 with a list of aspects to be considered during the audit. These aspects included:

- Implementation of the Air Quality and Greenhouse Gas Management Plan, in particular, in response to weather enhancing factors and implementation of controls to eliminate airborne pollutants;
- The Rehabilitation Program, as outlined in the Rehabilitation Management Plan, has been progressively implemented, monitored and reported; and
- Operation of the Community Consultative Committee (CCC) in accordance with development consent conditions, and contemporary guidelines published by the department.

No other parties or agencies were requested by DPE to be consulted during development of the audit scope. However, the CCC Chairperson was consulted on 8 November 2023 for input into the audit scope. A response was received on 16 November 2023 and no further aspects were identified by the CCC for addition to the audit scope.

All relevant correspondence with DPE and the CCC is provided in [Appendix C](#).

### 3.3 Compliance Evaluation

The compliance evaluation process involved the following:

1. Review of all approvals applicable to Rix's Creek Mine.
2. Development of a compliance assessment spreadsheet with all relevant conditions to be assessed.
3. Initial request of information from site.
4. Preliminary desktop review of information.
5. Preparation of site inspection agenda and checklist.
6. Two-day site inspection.
7. Interviews and discussions with site personnel.
8. Additional requests for information from site.
9. Review of all information and evidence provided by site and gathered during the site inspection.

All documentation sighted during the audit is listed throughout [Appendix D](#).

The technical specialists provided advice to the Lead Auditor during development of the site inspection agenda. All information gathered and the compliance assessment were also reviewed by the technical specialists. Specific findings from the technical specialists have been incorporated into the compliance assessment and recommendations where applicable.



### 3.4 Site Interviews

Bloomfield personnel interviewed during the IEA are included in Table 3.

Table 3: Audit interviews conducted.

Name	Role
Chris Quinn	Environmental Superintendent – Rix’s Creek Mine
Chris Knight	Group Manager Environment – The Bloomfield Group
David Holmes	Environment Officer – Rix’s Creek Mine
Julius Harris-Payne	Graduate Environment Officer – Rix’s Creek Mine
Michael Innes	Drill and Blast Engineer – Rix’s Creek Mine
Russell Lane	Rehabilitation Operator – Fluren

### 3.5 Site Inspection

The site inspection was undertaken over two days on 9 and 10 November 2023 at Rix’s Creek North and South and was attended by the lead auditor, Samantha Hovar and assistant auditor, Dean Woods.

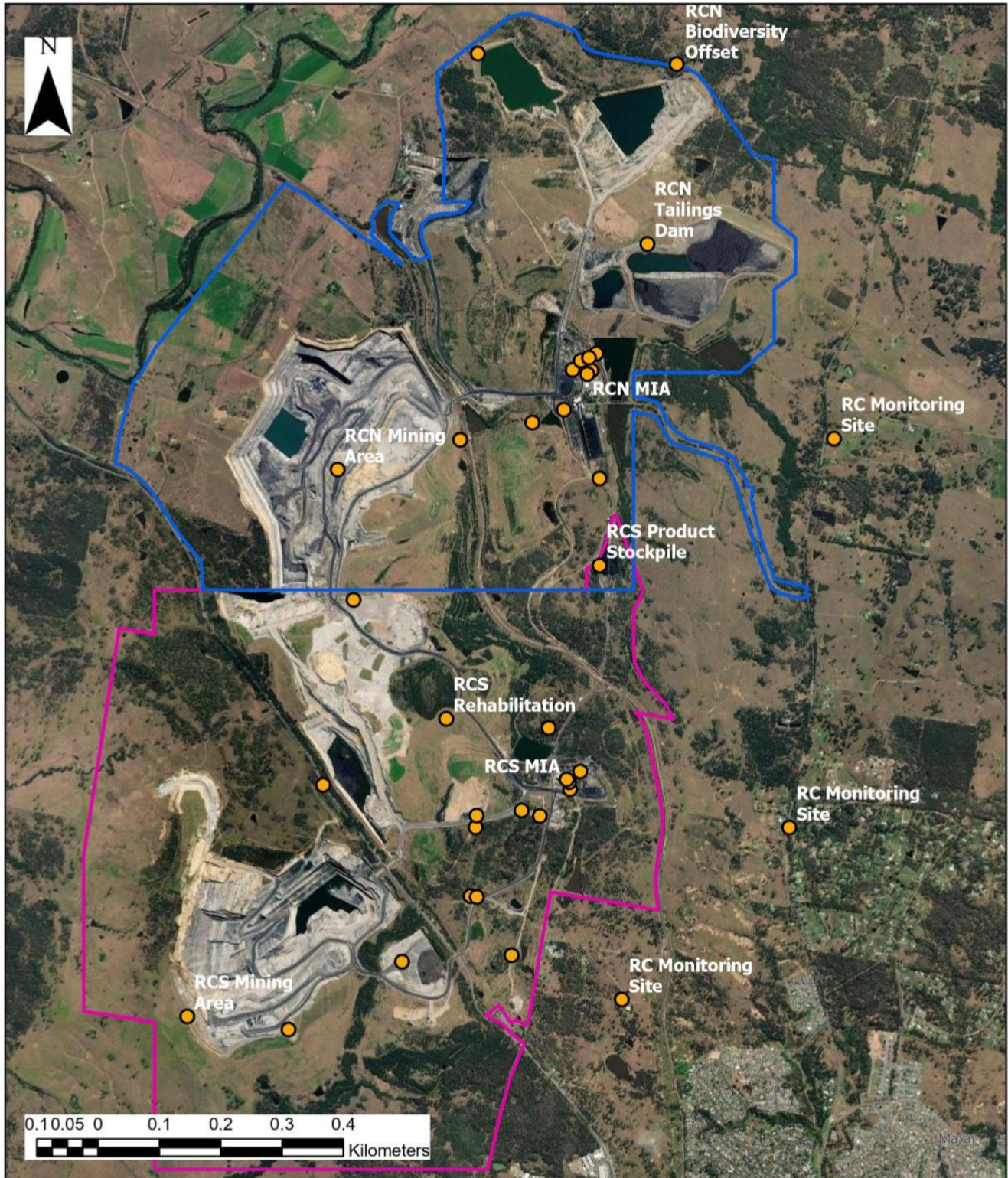
The weather conditions ranged between overcast and sunny on both days, with moderate winds. A total of 16 millimetres of rainfall was recorded onsite the morning of 10 November 2023.

The purpose of the site visit was to complete physical validations and to collect photographic evidence. Observations recorded were used to supplement information gathered during the desktop review.

The locations shown in Figure 2 were inspected. The site visit locations provided a general representation of the operational and environmental aspects of the sites. General observations were also completed whilst travelling between visit locations. The Rix’s Creek North and South Coal Handling and Preparation Plants were not operational at the time of inspection.

An opening meeting was held upon commencement of the audit at the site. The purpose of the opening meeting was to confirm the scope objectives, scope, methodology and resources required. A brief initial close-out meeting was held at the completion of the site visit to provide preliminary findings. A formal closing meeting was later held via Zoom on 15 December 2023 following detailed review of the audit findings. The opening meeting and formal closing meeting were attended by all members of the audit team, the Bloomfield Group Manager Environment and the Rix’s Creek Mine Environmental Superintendent.





**Legend**

- ▭ RCN Project Boundary
- ▭ RCS Project Boundary
- IEA Site visit locations

Date created: 22/11/2023  
Map created by: shovar  
Map size: A4 Portrait  
Coordinate system: GDA2020 MGA Zone 56  
Projection: Transverse Mercator  
Datum: GDA2020

Figure 2: Site Inspection Locations.



### 3.6 Compliance Status Descriptors

Compliance status has been determined using the descriptors described in Table 4 below, in accordance with DPE *Independent Audit Post Approval Requirements (2020)*.

Conditions not requiring action for compliance were described as noted.

Table 4: Compliance status descriptors.

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.

Risk ratings have been assigned to all non-compliances to indicate the severity of the non-compliance. Risk ratings were determined using the descriptors described in Table 5.

Table 5: Non-compliance Risk Ratings.

Risk Level	Description
High	Non-compliance with potential for significant environmental consequences, regardless of the likelihood of occurrence.
Medium	Non-compliance with: <ul style="list-style-type: none"> <li>Potential for serious environmental consequences, but is unlikely to occur; or</li> <li>Potential for moderate environmental consequences, but is likely to occur</li> </ul>
Low	Non-compliance with: <ul style="list-style-type: none"> <li>Potential for moderate environmental consequences, but is unlikely to occur; or</li> <li>Potential for low environmental consequences, but is likely to occur</li> </ul>
Administrative	Only to be applied where the non-compliance does not result in any risk of environmental harm



## 4. Findings

### 4.1 Approval and Document List

The approvals and documents audited as part of this audit include:

- Project Approval PA 08\_0102 modifications 8 and 9;
- Development Consent DA 49/94 modification 10;
- Project Approval SSD 6300 original document and modification 1;
- Environment Protection Licence (EPL) 3391;
- Mining/coal leases 352, 357, 1432, 1630, 1648, 1649, 1650, 1651, 1725 and 1803;
- Environmental management plans and strategies; and
- Recommendations of the Rix’s Creek North and South 2020 IEAs.

All relevant environmental management plans and strategies reviewed are listed in Table 6.

Table 6: Environmental management plans and strategies.

Document Title	Relevant Approval	Document Date
Rix’s Creek Mine Noise Management Plan	SSD 6300 Schedule 2, Condition B5 PA 08_0120 Schedule 3, Condition 10 DA 49/94 Schedule 2, Condition 11	12/05/2021
Rix’s Creek Mine Blast Management Plan <sup>1</sup>	SSD 6300 Schedule 2, Condition B19 PA 08_0120 Schedule 3, Condition 19 DA 49/94 Schedule 2, Condition 12D	12/05/2021
Rix’s Creek Mine Air Quality and Greenhouse Gas Management Plan	SSD 6300 Schedule 2, Condition B26 PA 08_0120 Schedule 3, Condition 27 DA 49/94 Schedule 2, Condition 14A	12/05/2021
Rix’s Creek Mine Water Management Plan <sup>2</sup>	SSD 6300 Schedule 2, Condition B41 PA 08_0120 Schedule 3, Condition 36 DA 49/94 Schedule 2, Condition 15 & 15A	17/05/2021
Rix’s Creek South Biodiversity Management Plan <sup>3</sup>	SSD 6300 Schedule 2, Condition B50 DA 49/94 Schedule 2, Condition 16E & 16F	04/12/2020
Rix’s Creek North Biodiversity Management Plan <sup>3</sup>	PA 08_0120 Schedule 3, Conditions 37 & 40	19/08/2016
Rix’s Creek South Aboriginal Cultural Heritage Management Plan	SSD 6300 Schedule 2, Condition B57	3/07/2020
Rix’s Creek South Historic Heritage Management Plan	SSD 6300 Schedule 2, Condition B59 DA 49/94 Schedule 2, Condition 16G	09/12/2020



Document Title	Relevant Approval	Document Date
Rix's Creek North Heritage Management Plan	PA 08_0120 Schedule 3, Condition 44	06/01/2016
Rix's Creek Mine Bushfire Management Plan <sup>4</sup>	SSD 6300 Schedule 2, Condition B67	14/09/2021
Rix's Creek Mine Exploration Activities Management Plan	SSD 6300 Schedule 2, Condition B68a PA 08_0120 Schedule 3, Condition 49A	30/11/2021
Rix's Creek South Rehabilitation Strategy <sup>5</sup>	SSD 6300 Schedule 2, Condition B72	21/01/2021
Rix's Creek Mine Rehabilitation Management Plan	SSD 6300 Schedule 2, Condition B74 PA 08_0120 Schedule 3, Condition 52 DA 49/94 Schedule 2, Condition 16A	29/07/2022
Rix's Creek South Social Impact Management Plan <sup>5</sup>	SSD 6300 Schedule 2, Condition B76	18/08/2020
Rix's Creek South Coalaceous Material Haulage Management Plan	SSD 6300 Schedule 2, Condition B78	11/01/2021
Rix's Creek Mine Environmental Management Strategy	SSD 6300 Schedule 2, Condition E1 PA 08_0120 Schedule 5, Condition 1 DA 49/94 Schedule 2, Condition 18	14/05/2020
Rix's Creek North Riparian Management Program	PA 08_0120 SOC E9	14/07/2020
Rix's Creek Mine Pollution Incident Response Management Plan	EPL 3391 Condition O5	05/05/2023

1 The Blast Management Plan includes the required Road Closure Management Plan and Blast Fume Management Strategy.

2 The Water Management Plan includes the required Erosion and Sediment Control Plan, Surface Water Management Plan, Groundwater Management Plan, and Surface Water and Groundwater Response Plan.

3 The Biodiversity Management Plans include the required Biodiversity Offset Strategy.

4 The Bushfire Management Plan includes the required Hot Works Management Plan and Emergency Evacuation Plan.

5 The Rehabilitation Strategy and Social Impact Management Plan include the required Stakeholder Engagement Plans.

## 4.2 Compliance Performance

The total number of compliance requirements assessed as part of the audit and a summary of the compliance performance are provided in Table 7 and Figure 3.



Table 7: Compliance Statistics.

Compliance Status	Number of compliance requirements					
	DA 49/94	SSD 6300	PA 08_0102	EPL 3391	Mining Leases	All conditions
Compliant	41	106	73	82	8	<b>310</b>
Non-compliant	4	6	2	8	0	<b>20</b>
Not triggered	21	46	25	8	5	<b>105</b>
<b>All conditions</b>	<b>66</b>	<b>158</b>	<b>100</b>	<b>98</b>	<b>13</b>	<b>435</b>

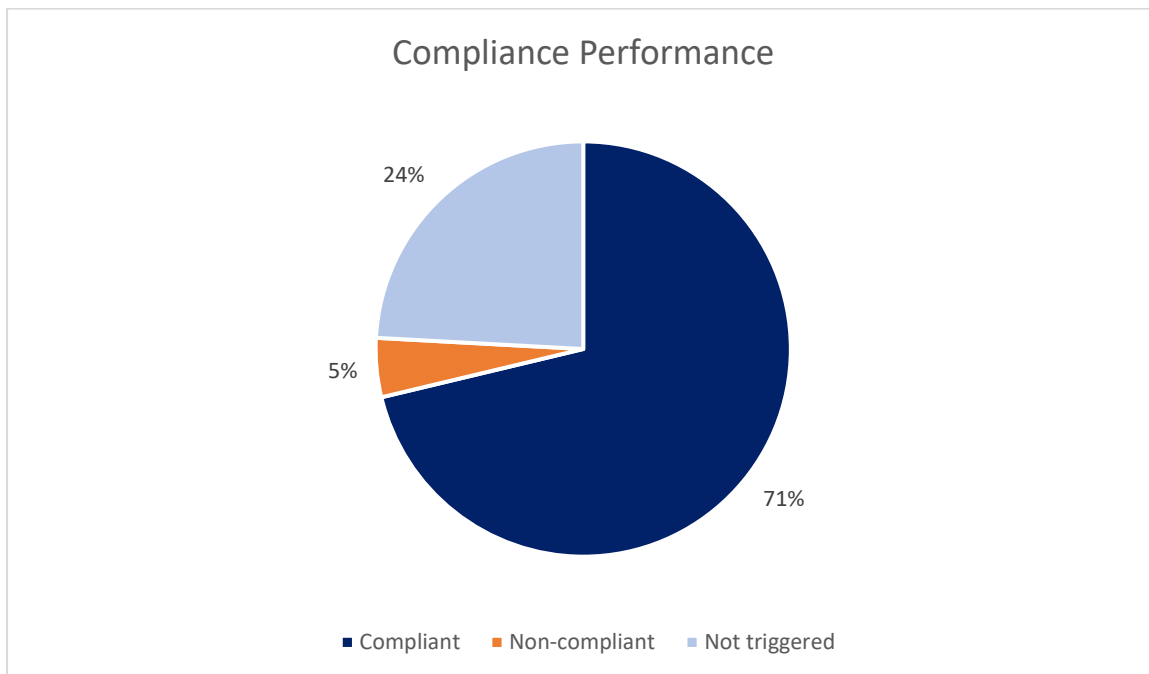


Figure 3: Compliance Performance Pie Graph.

### 4.3 Agency Notices, Orders, Penalties and Prosecutions

No regulatory agency notices, orders or penalties were issued and no prosecutions against Rix’s Creek Mine occurred during the audit period.

### 4.4 Non-compliances

Summaries of the non-compliances identified for each approval audited are provided in Tables 8 - 11. No non-compliances were identified against conditions of the relevant mining leases.

Table 8: PA 08\_0102 Non-compliances.

PA 08_0102					
Non-compliance Reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
NC1	Schedule 2, Condition 3	The Applicant must carry out the project in accordance with the: a; Statement of Commitments; and b; conditions of this consent.	Non-compliances against the conditions of this consent were identified during the audit.	Low	Nil – recommendations have been provided for each specific non-compliance.
NC2	Schedule 3, Condition 39	By 31 October 2016, or as otherwise agreed by the Secretary, the Applicant must make suitable arrangements to provide appropriate long term security for all the areas in the biodiversity offset strategy to the satisfaction of the Secretary.	Suitable arrangements to provide appropriate long-term security for all the areas in the biodiversity offset strategy have not been made within the timeframe agreed by the Secretary. Approval from DPE was sighted to extend the timeframe required to secure these offset areas up to 30/06/2022. No evidence of further extension approval beyond this date has been sighted.	Low	<b>R1</b> – Finalise long-term security of offset areas or seek further extension from the Secretary to the date required to secure the biodiversity areas listed in PA 08_0102 Schedule 3, Condition 37.



Table 9: DA 49/94 Non-compliances.

DA 49/94					
Non-compliance Reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
NC3	Schedule 2, Condition 1A	The Development is to be carried out in accordance with the conditions of this consent.	The development has generally been carried out in accordance with the conditions of this consent. However, non-compliances were identified against Schedule 2, Conditions 3, 12, 14E and 26A.	Low	Nil – recommendations have been provided for each specific non-compliance.
NC4	Schedule 2, Condition 3	The Applicant must ensure that all statutory requirements including but not restricted to those set down by the Local Government Act, 1993, Pollution Control Act, 1970, Clean Air Act, 1961, Clean Water Act, 1970, Noise Control Act, 1975, Protection of the Environment Administration Act, 1991 and all other relevant legislation, Regulations, Australian Standards, Codes, Guidelines and Notices, Conditions, Directions, Notices and Requirements of the Office of Environment and Heritage (OEH), Environment Protection Authority (EPA), Department of Primary Industries Water (DPI Water), Division of Resources and Geoscience (DRG) and Roads and Maritime Services(RMS), are fully met.	Non-compliances against Schedule 2, Conditions 12 and 14E, in relation to exceedance of the airblast overpressure limit and water discharge, indicate that not all statutory requirements have been satisfied during the audit period.	Low	Nil – recommendations have been provided for each specific non-compliance.



DA 49/94					
Non-compliance Reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
NC5	Schedule 2, Condition 12	The Applicant must ensure that the blasting on site does not cause exceedances of the criteria in Table 1. However, these criteria do not apply if the Applicant has a written agreement with the relevant landowner or infrastructure owner to exceed the criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	One exceedance of the air blast overpressure limit was recorded during the audit period. However, this was identified to be a localised event and the blast process specific to the geological conditions of the event site has been reviewed.	Low	No further action required.
NC6	Schedule 2, Condition 14E	The Applicant must ensure that all surface water discharges from the site comply with the: (i); discharge limits (both volume and quality) set for the project in any EPL; or (ii); relevant provisions of the POEO Act or Protection of the Environment Operations (Hunter River Salinity Trading Scheme) Regulation 2002.	Surface water was discharged from site during the audit period on multiple occasions without relevant approvals in place to allow for discharge. Temporary controls have been implemented to prevent reoccurrence.	Low	Refer to the action provided for SSD 6300 Condition B36 (NC10).





Table 10: SSD 6300 Non-compliances.

SSD 6300					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
NC7	Schedule 2, Condition A2	The development may only be carried out: (a); in compliance with the conditions of this consent; (b); in accordance with all written directions of the Planning Secretary; (c); generally in accordance with the EIS and MR (MOD 1); and (d); generally in accordance with the Development Layout.	Non-compliances against the conditions of this consent were identified during the audit.	Low	Nil – recommendations have been provided for each specific non-compliance.
NC8	Schedule 2, Condition B7	The Applicant must ensure that blasting on the site does not cause exceedances of the criteria at the locations in Table 2.	One exceedance of the air blast overpressure limit was recorded during the audit period. However, this was identified to be a localised event and the blast process specific to the geological conditions of the event site has been reviewed.	Low	No further action required.
NC9	Schedule 2, Condition B19	The Applicant must prepare a Blast Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: ... (f); include a Road Closure Management Plan for any blasting	A Blast Management Plan has been prepared for the development generally in accordance with the requirements of this condition and has been approved by the	Administrative	R2 – Update the Road Closure Plan to include provisions for minimising the duration of closures and for avoiding peak traffic periods as far as reasonable.

SSD 6300					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
		within 500 metres of a public road, that has been prepared in consultation with relevant roads authorities and includes provisions for: (i) minimising the duration of closures, both on a per event basis and weekly basis; (ii) avoiding peak traffic periods as far as reasonable; and (iii) co-ordinating closures with nearby mines to minimise the cumulative effect of road closures; ...	Planning Secretary. However, the Road Closure Management Plan does not provide measures to minimise the duration of road closures and to avoid peak traffic periods. The Road Closure Management Plan requires update to address all requirements of sub condition B19(f).		
NC10	Schedule 2, Condition B36	The Applicant must ensure that all surface discharges from the site comply with: (a); discharge limits (both volume and quality) set for the development in any EPL; or (b); relevant provisions of the POEO Act or Protection of the Environment Operations (Hunter River Salinity Trading Scheme) Regulation 2002	Surface water was discharged from site during the audit period on multiple occasions without relevant approvals in place to allow for discharge. Temporary controls have been implemented to prevent reoccurrence.	Low	<b>R3</b> – Continue to investigate longer term controls to lower the water level and prevent seepage from the historic underground coal workings.
NC11	Schedule 2, Condition B58	The Applicant must implement the Aboriginal Cultural Heritage Management Plan approved by the Planning Secretary.	The Aboriginal Cultural Heritage Management Plan was generally implemented during the audit period, apart from the delivery of Aboriginal Heritage awareness training which did not meet the	Administrative	<b>R4</b> – Update the worker induction package or develop a new training package to address all training requirements outlined in Section 6 of the Rix’s Creek



SSD 6300					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
			<p>requirements of the management plan. The awareness training package does not include:</p> <ul style="list-style-type: none"> <li>• Summary of how Aboriginal sites are legally protected in NSW;</li> <li>• Why Aboriginal sites are protected, the significance to the Aboriginal community and the wider community;</li> <li>• What constitutes an Aboriginal site, examples of artefacts and other items; and</li> <li>• Known conserved sites within the Project Boundary.</li> </ul>		South Aboriginal Cultural Heritage Management Plan.
NC12	Schedule 2, Condition B67	Prior to commencing mining operations under this consent, the Applicant must prepare a Bushfire Management Plan for the development in consultation with RFS. This plan must include a: ... (b); schedule and description of proposed bushfire mitigation works, including: (i) location of managed and unmanaged vegetation within the site;	A Bushfire Management Plan has been prepared for the development in consultation with the RFS. However, the management plan does not satisfy all requirements of this condition. Specifically, the plan does not include a schedule of proposed bushfire mitigation works.	Administrative	<b>R5</b> – Update the Bushfire Management Plan to include a schedule for undertaking proposed bushfire mitigation work including monitoring and maintenance.



SSD 6300					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
		(ii) location of water supply; and (iii) internal access roads; ...			

Table 11: EPL 3391 Non-compliances.

EPL 3391					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
NC13	Condition L1.1	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.	Surface water was discharged from site during the audit period on multiple occasions without relevant approvals in place to allow for this discharge. Both permanent and temporary controls have been implemented to prevent reoccurrence.	Low	Refer to the action provided for SSD 6300 Schedule 2, Condition B36 (NC10).
NC14	Condition L4.3	The airblast overpressure level from blasting operations in or on the premises must not exceed: 120 dB (Lin Peak) at any time; at either monitoring point 4, 5, 6 or 7 in Condition P1.4.	One exceedance of the airblast overpressure limit was recorded during the audit period. However, this was identified to be a localised event and the blast process specific to the geological conditions of the event site has been reviewed.	Low	No further action required.
NC15	Condition O4.2	The licensee must ensure that the effluent discharge utilisation area	The effluent discharge utilisation area perimeters are	Low	<b>R6</b> – Replace signage in place at the effluent discharge



EPL 3391					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
		perimeter is fenced and signposted "Effluent Re-Use Area Keep Out" and controlled in a manner to ensure exclusion of persons from that area.	fenced and signposted. However, signage in place does not align with the requirements of this condition and is not considered adequate to ensure exclusion of persons from these areas.		utilisation areas with signage that states "Effluent Re-Use Area Keep Out".
NC16	Condition 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.	Particulate matter monitoring and water quality monitoring was not completed for some monitoring locations at the frequency required under this licence. Refer to NC17 and NC18.	Low	No further action required.
NC17	Condition M2.2	Air Monitoring Requirements POINT 12,13,14 Pollutant   Units of measure   Frequency   Sampling Method PM10   micrograms per cubic metre   Continuous   AM-22  POINT 15,40 Pollutant   Units of measure   Frequency   Sampling Method PM10   micrograms per cubic metre   Continuous   Special Method 1	Monitoring was not completed for all monitoring locations at the frequency required under this condition due to minor equipment downtime. These non-compliances were reported in the EPL Annual Returns for the audit period and no further corrective action was required. The Rix's Creek Mine real time air quality	Low	No further action required.



EPL 3391					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
		Note: Special Method 1 requires the Licensee to undertake the monitoring of PM10 concentration in strict accordance with the manufacturer's operating manual supplied with the continuous monitoring equipment and titled "Model 8530/8531/8532EP DustTrak II Operation and Service Manual", or any updated version as published by the manufacturer.	monitoring network has been upgraded and integrated with the site's Environmental Monitoring and Management Teledata system. This allows both the environmental team and contracted environmental consultants to identify when a machine is malfunctioning, with the aim of reducing downtime of air quality units at Rix's Creek.		
NC18	Condition M2.3	Water and/ or Land Monitoring Requirements POINT 8,9,10,17,18,19,20,21,22,23 Pollutant   Units of measure   Frequency   Sampling Method Electrical conductivity   microsiemens per centimetre   Once a month (min. of 4 weeks)   Grab sample pH   pH   Once a month (min. of 4 weeks)   Grab sample Total dissolved solids   milligrams per litre   Once a month (min. of 4 weeks)   Grab sample Total suspended solids   milligrams per litre   Once a month (min. of 4 weeks)   Grab sample	Monitoring was not completed for monitoring points 10, 21 and 22 at the frequency required under this condition due to insufficient water flow. These non-compliances were reported in the 2021, 2022 and 2023 EPL Annual Returns for the audit period.	Low	No further action required.



EPL 3391					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
		POINT 27,28 Pollutant   Units of measure   Frequency   Sampling Method Faecal Coliforms   colony forming units per 100 millilitres   Monthly during discharge   Grab sample pH   pH   Monthly during discharge   Grab sample			
NC19	Condition M9.1	To assess compliance with condition L3.1, attended noise monitoring must be undertaken in accordance with conditions L3.2 to L3.7 and: a) at a minimum of 6 locations from those listed condition P1.4 shown to be experiencing noise enhancing meteorological conditions; b) occur every calendar month in a reporting period; and c) occur during one night-time period as defined in the Noise Policy Industry 2017 for a minimum of 15 minutes at each location from a) during the night.	Attended night-time noise monitoring commenced at 9.00 pm from November to December 2020, rather than 10.00 pm as required. As such, the relevant assessment time periods specified in Condition L3.3 have not been adhered to for part of the audit period. All subsequent months in the audit period were compliant with the required assessment time period.	Low	No further action required.
NC20	Condition R5.6	The Licensee must provide the EPA with the Annual Return a Heavy Plant-Tyre Disposal Report. The Report must include: a) a plan of the disposed heavy plant waste tyres on the premises for the period that includes:	A Heavy Plant-Tyre Disposal Report has been provided with the 2022 Annual Return. However, the report does not provide the total tonnage of tyres disposed in the annual return year.	Administrative	<b>R7</b> – Ensure the total tonnage of tyres disposed is included in the Heavy Plant-Tyre Disposal Report provided for future Annual Return submissions.



EPL 3391					
Non-compliance reference	Condition Reference	Condition Requirement	Non-compliance Details	Risk Rating	Actions and Recommendations
		(i) each tyre serial number; (ii) supplier of each tyre, if known; (iii) purchase date of each tyre or date on which tyre was bought onto the premises for use by the Licensee; (iv) disposal date of each tyre; (v) co-ordinates (easting and northings) of the disposal of each tyre; (vi) the Real Level (RL) in metres AHD of each tyre placed in the pit; (vii) the number of tyres buried in a particular area; and (viii) the total number of tyres and tonnage of tyres disposed of at the premises in each annual return year.			





## 4.5 Previous Audit Recommendations

Out of the 15 recommendations provided in the 2020 Rix’s Creek North and South IEA reports, a total of 12 actions have been completed. The completion status of all 2020 IEA recommendations is detailed in Table 12.

Table 12: Status of 2020 IEA Recommendations.

Action Source	Condition Reference	Recommendation	Bloomfield Response	Status	Completion Details
Rix's Creek North & South 2020 IEAs	Environmental Performance	Store chemicals and fuels in accordance with the WHS Regulations.	The Rix's Creek Independent Environmental Audit was undertaken to facilitate the requirements of the Environmental Planning and Assessment Act 1997. While chemicals and fuels are stored generally in accordance with the required Australian Standards the audit was not a WHS audit under the Coal Mine Health and Safety Act. A review of all chemical and fuel storage areas will be undertaken with the results reported in the next Annual Review to be submitted prior to 31/3/2021.	Complete	A review of hydrocarbon management was undertaken at Rix’s Creek Mine following the 2020 Independent Environmental Audit. Improved storage of chemicals and fuels was observed during the site inspection of the current audit.
Rix's Creek North & South 2020 IEAs	SSD 6300 Schedule 2 Condition B41 & PA 08_0102 Schedule 3 Condition 36	Update RCM Water Management Plan to address all requirements of PA 08_102 Schedule 3, Condition 36 and SSD 6300 Condition B41.	Update the Water Management Plan in accordance with Schedule 5 Condition 5 of PA 08_0102 and Schedule 2 Condition E5 of SSD 6300.	Complete	The Water Management Plan (v2.8) has been updated since the previous audit. The revised version of the plan addresses all requirements of PA 08_102 Schedule 3, Condition 36 and SSD 6300 Schedule 2, Condition B41.



Action Source	Condition Reference	Recommendation	Bloomfield Response	Status	Completion Details
Rix's Creek North 2020 IEA	PA 08_0102 Schedule 5 Condition 2	Update the Biodiversity Management Plan to include reference to the procedures for management of incidents, complaints, exceedances and non-compliances in the Environmental Management Strategy.	Update the Biodiversity Management Plan in accordance with Schedule 5 Condition 5 of PA 08_0102.	Not applicable	The Rix's Creek North Biodiversity Management Plan has not been updated. However, the plan does provide procedures for reporting and the site protocol for management of environmental incidents, complaints, exceedances and non-compliances provided in the Environmental Management Strategy is deemed sufficient.
Rix's Creek North & South 2020 IEAs	EPL 3391 Condition M9.1	Update the Noise Management Plan nighttime monitoring period to comply with Condition L3.3 and M9.1.	Update Noise Management Plan in accordance with Schedule 5 Condition 5 of PA 08_0102 and Schedule 2 Condition E5 of SSD 6300.	Not completed	The nighttime monitoring period has not been updated in the Noise Management Plan; compliance attended monitoring is stated to commence at 9 pm, rather than 10 pm. However, monitoring is now completed within the required timeframe, commencing at 10 pm.
Rix's Creek North & South 2020 IEAs	EPL 3391 Condition R5.8	Ensure the 2020/21 Annual Water Quality Monitoring Report includes graphical presentation of results, rainfall data and a plan of the monitoring locations.	Include recommended information in the 2020 Annual Return (EPL) to be submitted by 2 June 2021.	Complete	Graphical presentation of results, rainfall data and a plan of the monitoring locations was included in the 2020, 2021 and 2022 Annual Returns.



Action Source	Condition Reference	Recommendation	Bloomfield Response	Status	Completion Details
Rix's Creek South 2020 IEA	SSD 6300 Schedule 2 Condition B62	Ensure labelled receptacles are available and staff are adequately trained to allow for segregation of wastes from workshop and stores.	Update labelling across all receptacles. Refresher waste training to be delivered across Rix's Creek Mine on waste management via toolbox talk to employees by 31/3/2021.	Complete	A tender for waste management was completed and a new waste contractor was selected to oversee all Bloomfield sites to ensure a consistent process for waste management. A colour coded bin system has been rolled out with the introduction of the new waste management contractor, to ensure that waste is segregated more effectively. Co-mingled recycling was also introduced onto site via the contracted waste provider. A training program was implemented throughout the workforce to improve waste segregation. A sufficient quantity of labelled bins were sighted at the Rix's Creek South main workshop and stores during the site inspection, and wastes were observed to be segregated appropriately.
Rix's Creek South 2020 IEA	Environmental Performance	Provide a dedicated bunded area for decanting that is separate to the oil and lubricant storage area.	Bloomfield will review the location to determine if the area is an appropriate decanting area in accordance with requirements by 31/3/2021. However, it is noted that the identified area was undercover with an impervious floor with any surface runoff directed to an oil water separator. Since the onsite	Complete	The oil and lubricant storage areas were inspected during the audit site visit. The design of the existing storage area has been improved to allow for IBCs to be delivered by forklift without the need for frames on top of the bund. IBCs have also been suitably placed to allow for decanting within the bunded area,



Action Source	Condition Reference	Recommendation	Bloomfield Response	Status	Completion Details
			component of the audit, a fit for purpose oil IBC storage area has recently been commissioned at the RCS "connies" pad.		with minimal risk of spillage outside of the bund.
Rix's Creek North & South 2020 IEAs	SSD 6300 Schedule 2 Condition B4 & PA 08_0102 Schedule 3 Condition 9	Acoustic consultant to recommend mitigation measures for equipment exceeding sound power limits.	Where attenuated equipment is identified to be greater than 3 dB over limit and no reason can be found (i.e. attenuation damaged), an acoustic consultant will be engaged to provide further information within 3 months of the receipt of the Annual Sound Power Testing if required.	Complete	An acoustic consultant is engaged to provide further information on attenuated equipment identified to be greater than 3 dB over limit, for no apparent reason.
Rix's Creek North & South 2020 IEAs	SSD 6300 Schedule 2 Condition B24 & PA 08_0102 Schedule 3 Condition 25	Provide a better website address in future letters to tenants to assist with locating the particulate matter monitoring data.	Direct link to information will be provided in all future letters. It is noted that this information is openly available on the Bloomfield website and NSW EPA Upper Hunter Air Quality Monitoring Network.	Complete	A copy of a letter sent to a tenant at Maison Dieu on 30/10/2019 was sighted. The NSW Government 'Mine Dust and You' factsheet was provided which contains links to the government website where monitoring data can be found.
Rix's Creek South 2020 IEA	SSD 6300 Schedule 2 Condition B62	Organise and maintain stored materials to prevent loss or damage.	Storage of spare parts is to be reviewed and improved at the RCS workshop by 31 June 2021.	Complete	Stored materials at the Rix's Creek South workshop and stores were generally observed to be well organised and maintained at the time of inspection.
Rix's Creek South 2020 IEA	SSD 6300 Schedule 2 Condition E4	Include in the Bushfire Management Plan a program to monitor fire breaks and fuel loads to determine when maintenance is required.	Noted. The Bushfire Management Plan already contains a requirement for annual maintenance of fire breaks or additionally as required. The Bushfire MP will be updated to further note fuel loads in accordance	Not completed	The Bushfire Management Plan has been updated since the 2020 Independent Environmental Audit. However, a program to monitor fire breaks and fuel loads has not been added to the management plan.



Action Source	Condition Reference	Recommendation	Bloomfield Response	Status	Completion Details
			with Schedule 2 Condition E5 of SSD 6300.		
Rix's Creek North & South 2020 IEAs	EPL 3391 Condition L3.7 & R5.8	Acoustic consultant to update monthly reports to reflect updated condition L3.7 referencing the Noise Policy for Industry (2017) in lieu of the Industrial Noise Policy.	Acoustic Consultant to reference NPfl 2017 going forward	Complete	Reference to the Noise Policy for Industry (2017) in lieu of the Industrial Noise Policy has been updated in the acoustic consultant monthly reports.
Rix's Creek North 2020 IEA	Environmental Performance	Decommission the mobile service trailer.	Bloomfield will decommission the mobile service trailer by 31/3/2021	Complete	The mobile service trailer has been decommissioned.
Rix's Creek North 2020 IEA	2017 audit findings SoC Conditions B2, B4 and B11	Update the Land Disturbance Management Procedure to include protocols for topsoil stripping.	Update Land Disturbance Management Procedure (Internal) to include protocols for topsoil stripping by 31/3/2021.	Complete	The Land Disturbance Management Procedure was updated on 08/02/2021 to include protocols for topsoil stripping.
Rix's Creek North 2020 IEA	PA 08_0102 Schedule 3 Condition 48	Reinforce the importance of waste segregation with operational personnel in workshop and stores.	Refresher waste training to be delivered across Rix's Creek Mine on waste management via toolbox talk to employees by 31/3/2021.	Complete	Refresher waste management training was delivered across Rix's Creek Mine to employees via a toolbox talk, as reported in the 2021 Annual Review.





## 4.6 EMP, Sub-plans and Compliance Documents

All environmental management strategies, plans, and sub-plans listed in Table 6 were reviewed during assessment of compliance with relevant approval conditions. Detailed review notes can be found in the audit table in [Appendix D](#). Most documents were found to be adequate and were implemented during the audit period. However, several non-compliances summarised in Table 13 were identified.

Opportunities for improvement are provided in Section 4.14.

Table 13: Management Plan Review Summary.

Management Plan	Finding	Non-Compliance Reference
Rix's Creek Mine Road Closure Management Plan (v1.9)	A Road Closure Management Plan has been developed and included within the Blast Management Plan. However, the Road Closure Management Plan requires update to include provisions for minimising the duration of closures and avoiding peak traffic periods as far as reasonable.	NC9
Rix's Creek South Aboriginal Cultural Heritage Management Plan (v1.0)	An Aboriginal Cultural Heritage Management Plan is in place for Rix's Creek South. The plan was generally implemented during the audit period, apart from the delivery of Aboriginal Heritage awareness training which did not meet the requirements of the management plan.	NC11
Rix's Creek Mine Bushfire Management Plan (v1.2)	A Bushfire Management Plan has been prepared for the development in consultation with the RFS. However, the management plan does not include a schedule for undertaking proposed bushfire mitigation work.	NC12

## 4.7 Environmental Performance

A summary of environmental performance over the audit period is provided below.

### 4.7.1 Noise

No noise exceedances were reported within the audit period at any residence on privately-owned land.

Nightly attended noise monitoring is completed by a qualified technician to assist in real-time adaptive management of mining operations to manage compliance with noise limits. Monthly attended noise monitoring is also undertaken by SLR. All noise monitoring is undertaken in accordance with the NSW Industrial Noise Policy (EPA, 2000) and Fact Sheet C of the NSW Noise Policy for Industry (EPA, 2017).



A total of 14 complaints in relation to noise were received during the audit period. All complaints were addressed and resolved in a timely manner. Actions included targeted monitoring, shut down of equipment and change of work plan to a different area of the site.

Noise management measures are identified in the site Noise Management Plan and were implemented during the audit period. Measures verified during the site inspection include:

- Use of the EnvMet predictive modelling system to assess meteorological forecasts and model noise levels from the operation. Data from this system is communicated daily to OCEs and supervisors to assist in work planning.
- Bunding and noise barriers installed around certain areas of the operation.
- Soundproof cladding on the exterior of the CHPP.
- Equipment fitted with noise attenuation controls.
- Regular sound power testing of equipment.
- Multiple overburden emplacement levels for deeper emplacement during adverse conditions.
- Speed limits in place on Rix's Creek Lane.

To improve environmental performance of the operation, twenty new haul trucks (Cat 793F) with a lower sound power level were purchased to replace outdated equipment.

#### 4.7.2 Blast

One exceedance of the airblast overpressure limit was recorded during the audit period. However, this was identified to be a localised event and the blast process specific to the geological conditions of the event site has been reviewed.

A total of 11 complaints were received in relation to blasting.

A review of blast records found that all blasts occurred between 9 am to 5 pm Monday to Saturday and no more than three blast events were carried out per day and a maximum of 10 blast events per week, averaged over each year in the audit period.

Management measures to minimise the impact of blasting on human safety, livestock, property and public infrastructure were implemented. These measures included:

- Management of blast design variables, such as shot size, location, depth in pit, and explosive type, to minimise potential impacts.
- Postponement of blasts during unfavourable weather conditions.
- Notification of scheduled blasts provided to relevant neighbours and surrounding mine sites.

A blast management system is also in place for Rix's Creek Mine. This system includes the use of meteorological forecasts and predictive modelling to determine optimal conditions and design for blasting, allowing for minimisation of blast impacts in the planning stage. The system has the ability to model a range of blast variables including hole diameter, type, charge mass, stemming, k factor, location, date and time.



### 4.7.3 Air Quality

Results of the monitoring program show that Rix's Creek Mine has not caused exceedances of the air quality compliance criteria at any locations representative of residences on privately owned land. Furthermore, no significant visible emissions to air generated by Rix's Creek Mine were observed during the site inspection.

A total of nine complaints in relation to dust and no complaints in relation to odour were received. All complaints received were adequately investigated and documented.

Air quality performance is discussed in further detail in Section 4.8.

### 4.7.4 Water

Surface water was discharged from site during the audit period on six occasions without relevant approvals in place to allow for such discharge. Three of these incidents were a result of a minor dam failure, offsite saline water dam seepage and inadequate clean water diversion. The remaining three events were a result of seepage from historic underground coal workings migrating into Stonequarry Gully. Both permanent and temporary controls have been implemented to prevent reoccurrence of offsite discharge.

One complaint in relation to water was received. An internal investigation was undertaken, and actions were implemented to address the complaint.

Results of monitoring completed in the audit period show that no negative groundwater quality trends are being driven by mining operations in the area. Furthermore, results show that overall groundwater levels in the shallow regolith and alluvium aquifer systems are relatively stable with fluctuating responses to rainfall and no observable correlation to water levels in the Coal Measures.

Separation of clean and mine affected water, as well as adequate freeboard across all site dams and pit voids was observed during the site inspection. Drains and culverts were also found to be well maintained.

### 4.7.5 Biodiversity

Bloomfield has entered into two Biodiversity Stewardship Agreements and has retired 98% of the credits required for Rix's Creek South Stage 1. A third Biodiversity Stewardship Agreement is in the process of being secured to allow for retirement of the remaining credits.

In relation to Rix's Creek North, efforts were made during the audit period to finalise Conservation Agreements with the NSW Biodiversity Conservation Division (BCD) for the Martins Creek, Bridgman, Southern and Northern Biodiversity Offset Areas. These draft agreements are currently with BCD to be finalised.

Measures to reduce impact to and improve biodiversity were implemented during the audit period. These measures included the following:

- The impact of new disturbance was minimised and the salvage of resources maximised through the implementation of a permit to disturb and pre-clearance process.





- An internal site Tiger Orchid Translocation Management Plan has been developed to ensure successful translocation of Tiger Orchids from disturbance areas.
- Areas of undisturbed vegetation around mining areas have been strategically preserved for use as habitat corridors.
- Ongoing weed and pest management implemented onsite and in biodiversity offset areas.
- Installation of nest and roost boxes for tree hollow dependent fauna.

No externally reportable incidents relating to flora and fauna management occurred during the audit period.

#### 4.7.6 Rehabilitation

Performance of the rehabilitation program is discussed in Section 4.8.

#### 4.7.7 Visual Amenity

Six complaints were received in relation to lighting from the operation impacting local residents. In all instances, the lighting plant was redirected, shut down or relocated.

Several measures were implemented to reduce the impact of the development on community visual amenity. These measures included the following:

- An ongoing maintenance program to replace existing older lights with new modern LED lighting that shields and directs light more directly toward the ground rather than outwards.
- Visual tree screens along the New England Highway to shield public views of the development.
- Disturbance areas visible from Singleton have been or are being rehabilitated as soon as available to minimise visual impact offsite.
- Nightly operational lighting inspections completed to detect any potential issues.
- All buildings, structures, facilities and works sighted during the site inspection were found to blend with the surrounding landscape as far as possible.

#### 4.7.8 Waste

There were no complaints or externally reportable incidents in relation to waste reported during the audit period.

A colour coded bin system and co-mingled recycling were rolled out onsite with the introduction of a new waste management contractor, to improve waste segregation and recycling. A waste training program was also implemented throughout the workforce.

These initiatives have seen better segregation and reduction of general waste quantities. Total general waste generated in 2021 was 49,560 kg more than that generated between January 2022 and March 2023. Electronic waste, polypipe, printer cartridges, batteries, plastic wrapping, paper/cardboard, scrap metal and waste oil from the operation have been recycled.

Sewage treatment reports provided with the EPL 3391 annual returns for the audit period indicate that the sewage treatment system has been managed in accordance with Council requirements.



#### 4.7.9 Heritage

There were no complaints or externally reportable incidents in relation to heritage reported during the audit period.

### 4.8 Consultation Outcomes

As previously discussed in Section 3.2, consultation was undertaken with DPE and the CCC in development of the audit scope. Additional scope aspects were identified by DPE. The audit findings in relation to these additional scope aspects are detailed in Table 14.

Table 14: DPE Consultation Outcomes.

Additional Scope Aspect	Audit Findings
Consider implementation of the Air Quality and Greenhouse Gas Management Plan, in particular, in response to weather enhancing factors and implementation of controls to eliminate airborne pollutants.	Operations at Rix’s Creek Mine were reviewed and the following outcomes were noted: <ul style="list-style-type: none"> <li>• The site inspection did not identify any significant visible emissions to air generated by Rix’s Creek Mine. Water trucks were being used for road dust suppression and vehicle speeds were minimised. Watercart fill points were appropriately positioned for efficient access to haul roads.</li> <li>• The monitoring has shown that operations have not caused exceedances of the criteria at locations representative of residences on privately owned land.</li> <li>• Evidence from the Annual Reviews and field inspection indicated that surface disturbance was generally minimised.</li> <li>• The air quality management systems in place at Rix’s Creek Mine is consistent with best practice at open cut coal mines in NSW. These systems include a combination of visual triggers, real-time off-site air quality monitoring, alerts, and a trigger action response plan.</li> <li>• An automatic email alert system is used by the site through the Teledata software to provide early notification of elevated dust levels. Previous email alerts were sighted during the site inspection. Real-time monitoring data in the Teledata system was also sighted during the site inspection.</li> <li>• EnvMet system is used for predictive fume rating, predictive air quality modelling (three-day forecasts) and meteorological forecasting.</li> <li>• Daily communications are sent from the Environment Team to site OCEs and supervisors each morning to advise of the predicted meteorological conditions and air quality forecast for the next three days. These communications allow supervisors to plan work in accordance with the predicted conditions.</li> </ul>





Additional Scope Aspect	Audit Findings
	<ul style="list-style-type: none"> <li>• Visual in-field dust inspections completed by Environment Team members, OCEs and operators are also used to assess air quality and determine if operational changes are required. If required, activities are changed or put on hold to prevent air quality non-compliances. All changes and shutdowns due to elevated dust levels are recorded in the site Pulse system.</li> <li>• Topsoil stockpiles observed during the site inspection had been transported directly from the strip area and had been shaped and seeded to minimise wind erosion.</li> <li>• A total of nine complaints in relation to dust were received during the three-year audit period. All complaints were immediately actioned as recorded in the complaints register.</li> </ul>
<p>Consider if the Rehabilitation Program, as outlined in the Rehabilitation Management Plan, has been progressively implemented, monitored and reported.</p>	<p>Rehabilitation activities are described and scheduled within the Rehabilitation Management Plan. Completed works for the audit period, as reported in the annual reviews and the 2023 Annual Rehabilitation Report, were:</p> <ul style="list-style-type: none"> <li>• 7.45 hectares at the Old North Pit and 9.03 hectares at the Arties Pit South between Jan 2022 to March 2023. This area is greater than that scheduled in the forward program for year 1.</li> <li>• 7.1 hectares at the Camberwell Pit in 2021.</li> <li>• 2.7 hectares at Arties Pit and 6.2 hectares at West Pit in 2020.</li> </ul> <p>Ongoing progressive rehabilitation was sighted at the Camberwell Pit Rail Corridor, Old North Pit and West Pit south batter rehabilitation areas during the site inspection.</p> <p>Rehabilitation monitoring was completed by an independent consultant in November 2021. The following was determined in relation to the rehabilitation objectives:</p> <ul style="list-style-type: none"> <li>• Positive results and improvements for landscape function, land and soil capability, stability, ground cover percentage, soil characteristics, species diversity and pasture performance.</li> <li>• Topsoil cover was limited at some older rehabilitated sites and soil dispersion benchmarks were not achieved at all sites; however vegetative performance did not appear to be adversely affected.</li> <li>• Pasture yield quality was exceeded for some rehabilitation sites. In response to this, a targeted mulching campaign was completed for some of the areas that exceeded the upper limit.</li> <li>• Weed cover had increased compared to previous years. Evidence of targeted weed control was observed during the audit site visit and records of weed control in rehabilitation areas were sighted.</li> </ul>



Additional Scope Aspect	Audit Findings
	A Quality Assurance and Quality Control rehabilitation process was implemented during the reporting period, as evidenced by internal correspondence between the mine Technical Services Department and Environment Department. Final constructed rehabilitation landforms were assessed against design using GIS data.
Consider the operation of the CCC in accordance with development consent conditions, and contemporary guidelines published by the department.	<p>The CCC meeting minutes, annual reviews and CCC Annual Reports were reviewed against development consent conditions and the DPE <i>Community Consultative Committee Guideline (2023)</i>. The following was noted:</p> <ul style="list-style-type: none"> <li>• CCC meetings were held biannually over the audit period and meeting minutes have been made publicly available on the Bloomfield website.</li> <li>• Committee membership met guideline requirements in terms of representative numbers.</li> <li>• The CCC inspected rehabilitation onsite during the audit period.</li> <li>• No issues with the effectiveness or operation of the committee were reported by the Chairperson in the annual reports during the audit period.</li> <li>• The CCC advised that Bloomfield provide comprehensive presentations to the committee during the biannual meetings.</li> </ul>

## 4.9 Complaints

Complaints are managed in accordance with Section 8.3 of the Rix’s Creek Mine Environmental Management Strategy. Under this strategy, Bloomfield operates a 24-hour telephone hotline for the members of the public to lodge complaints and concerns or to raise issues associated with the operations. The purpose of this service is to ensure community concerns and environmental matters are addressed in a prompt and efficient manner. Responses provided and actions completed for complaints received are recorded in a register which is made publicly available on the Bloomfield website.

A total of 45 complaints were received during the audit period. A summary of complaints is provided in Table 15. Review of the complaints register found that complaints received during the audit period were generally resolved within a timely manner and were addressed in accordance with the process outlined in the Rix’s Creek Mine Environmental Management Strategy.



Table 15: Complaints Summary.

Aspect	Number of Complaints				
	2020 <sup>1</sup>	2021	2022	2023 <sup>2</sup>	Total
Blast	0	5	4	2	11
Noise	1	7	1	5	14
Dust	0	1	2	6	9
Water	0	0	0	1	1
Lights	0	3	2	1	6
Odour	0	0	0	0	0
Other	0	2	0	2	4
<b>Total</b>	<b>1</b>	<b>18</b>	<b>9</b>	<b>17</b>	<b>45</b>

<sup>1</sup> Includes all complaints recorded from 4 November to 31 December 2020.

<sup>2</sup> Includes all complaints recorded from 1 January to 4 November 2023.

## 4.10 Incidents

No reportable incidents occurred at Rix’s Creek North during the audit period. However, seven reportable incidents occurred at Rix’s Creek South. These incidents are detailed in Table 16. All incidents were appropriately reported and managed in accordance with relevant conditions of DA 49/94, SSD 6300 and EPL 3391. No enforcement action was taken by any regulatory agencies in relation to these incidents.

Table 16: Summary of Incidents at Rix’s Creek South.

Date	Incident Details	Incident Response
13/07/2021	<p><b>Water Discharge Event</b> – On the 13 July 2021 water was observed seeping out of the ground from historic underground workings, and passively flowing into Stonequarry Gully, a tributary of Rix’s Creek.</p>	<p>Water sampling was conducted above, at the site of the seepage, and downstream of the seepage point. These samples were sent for analysis at a NATA accredited lab. The Rix’s Creek Mine Pollution Incident Response Management Plan (PIRMP) was activated for the event. Initial notification was provided to relevant agencies on 13 July 2022 and an incident report was provided to the NSW Environment Protection Agency (EPA), DPE, Resources Regulator and Singleton Council on the 20 July 2021. On the 8 September 2021, the EPA requested additional information in relation to the event. On the 30 September 2021, Rix’s Creek Mine provided a stream health assessment as well as further details relating to water quality results post event. Rix’s Creek Mine continues to collect all seepage water from the historical underground workings. The collected water is pumped into the Mine Water system where it is re-used for dust suppression. An electric pump and diesel generator are installed at the site which includes level sensors for auto running. The site and pump continue to be checked daily. Sampling of pH, electrical conductivity and total suspended solids continues on a weekly basis at the site and the downstream sampling locations.</p>
12/11/2021	<p><b>Water Discharge Event</b> – On the 12 November 2021, Rix’s Creek Mine received significant rainfall over a short period with 46.2mm of rain falling in approximately 7 hours. The previous 48 hours had seen 82.6mm of rainfall saturating the ground. Water was observed exiting a historic underground workings shaft and flowing into Stonequarry Gully which also had localised flooding. Storm water entered a seepage containment dam resulting in heavily diluted seepage water overflowing into Stonequarry Gully.</p>	<p>Water sampling above, at and below the source was conducted following the event with the samples sent to a NATA accredited lab. The Rix’s Creek Mine PIRMP was activated for the event. Initial notification was provided to relevant agencies on 12 November 2022 and an incident report was provided to the EPA, DPE, Resources Regulator and Singleton Council on the 19 November 2021. Where water was identified flowing into the historical underground system, temporary structures were established to divert water away from these visible entry points. The pump located at licenced bore 20BL170864 was operational to reduce water from historic underground workings. The submersible pump located at the seepage containment dam reduced water levels post event.</p>
07/03/2022	<p><b>Water Discharge Event</b> – On 7 March 2022, sediment-laden water was observed passively flowing from the Turkey’s Nest Haul Road Dam into</p>	<p>The Turkey’s Nest Haul Road Dam and Turkey’s Nest Dam were de-silted from Monday 21 February to Thursday 3 March 2022, prior to the event. Desilting the dam reduced the spillage that would have otherwise occurred by increasing the</p>



Date	Incident Details	Incident Response
	<p>Stonequarry Gully. The primary nature of the Turkey's Nest Haul Road Dam is to capture water runoff from the south-pit haul road. Due to the significant rain event, a small portion of the western side dam wall's crest gave way resulting in water passively flowing into Stonequarry Gully. Water sampling results from the localised flooding event showed that the water from the Turkey's Nest Haul Road Dam did not have a significant influence on downstream water quality or cause any material environmental harm.</p>	<p>dam capacity. Pumping infrastructure was kept in place at the Turkey's Nest Haul Road Dam following the event to maintain a low dam level until the wall repairs could be completed following the extreme weather conditions. A full review of the Turkey's Nest Dam area was also undertaken, including both dam wall stability repairs and drainage improvements.</p> <p>The Rix's Creek Mine PIRMP was activated for the event. Initial notification was provided to relevant agencies on 7 March 2022 and an incident report was provided to the EPA, DPE, Resources Regulator and Singleton Council on 14 March 2022.</p>
03/05/2022	<p><b>Water Discharge Event</b> – On 3 May 2022, water was observed seeping out of the ground into a tributary gully to Stonequarry Gully, which is in turn a tributary of Rix's Creek.</p>	<p>Water sampling was conducted above, at the site of the seepage, and downstream of the seepage point. Water samples were sent for analysis at a NATA accredited lab. The Rix's Creek Mine PIRMP was activated for the event. Initial notification was provided to relevant agencies on 3 May 2022 and an incident report was provided to the EPA, DPE, Resources Regulator and Singleton Council on 10 May 2022. Inspections, monitoring and sampling have been ongoing since the initial event.</p>
12/09/2022	<p><b>Water Discharge Event</b> – On 12 September 2022, water with increased conductivity was observed seeping from the ground and passively flowing from a constructed seepage containment dam with minor flow entering Stonequarry Gully, a tributary of Rix's Creek. The source of the water was from historic underground coal workings likely undertaken in the late 1800s or early 1900s and seeping through ground surface cracks following recent rain events.</p>	<p>Water sampling above, at and below the source was conducted following the event with the samples sent to a NATA accredited laboratory. The Rix's Creek Mine PIRMP was activated for the event. Initial notification was provided to relevant agencies on 12 September 2022 and an incident report was provided to the EPA, DPE, Resources Regulator and Singleton Council on 19 September 2022. On 1 November 2022, the EPA conducted an inspection of the seepage bores and the seepage containment dam. The EPA was satisfied with the controls that were implemented to manage historic underground seepage water.</p>
22/02/2023	<p><b>Water Discharge Event</b> – On 22 February 2023, Rix's Creek Mine recorded a 103.2mm rain event. During the rain event, water from a clean water catchment entered an unvegetated water</p>	<p>Sediment and erosion inspections were conducted post rain event at the Western Out of Pit Dump (WOOPD) area at approximately 11:00 am on the 23 February 2023. Two rural farm dams outside the project approval boundary appeared sediment laden upon inspection. Water was not observed flowing from the clean</p>



Date	Incident Details	Incident Response
	<p>diversion flowing onto a recent pre-stripped topsoil area, which flowed into a gully and into two rural farm dams immediately adjacent to the project approval area.</p>	<p>water diversion at the time of the inspection. Coal contact mine water within the WOOPD was contained on site during the rain event. Water samples were sent to a NATA-accredited laboratory for expedited testing on 23 February 2023. Expedited laboratory water sampling results obtained on the 24 February at 2:24 pm confirmed that the Electrical Conductivity was well below 400EC in the rural farm dams. However, Total Suspended Solids were elevated in the two rural farm dams downstream of operations. Event notifications were made to EPA, DPE, Resources Regulator and Singleton Council on 24 February 2023 after expedited TSS results were received. The PIRMP was triggered for the event. A report was submitted to all relevant regulators on 1 March 2023. On 30 March 2023, the EPA responded that no further regulatory action would be taken following the event.</p>
12/09/2023	<p><b>Airblast Overpressure Exceedance</b> – On 12 September 2023 at 2:38 pm, Rix’s Creek Mine released a blast in West Pit operations at location WS10 LB S6. The blast recorded a single overpressure event at the Wrights monitor (EPA identification 7) of 124.9dB, exceeding the compliance limit of 120 dB. No other Rix’s Creek Mine blast monitors recorded elevated airblast overpressure results and no complaints were received from the event.</p>	<p>Initial notification was provided to relevant agencies on 12 September 2023 and an incident report was provided to EPA, DPE, Resources Regulator and Singleton Council on 19 September 2023. A review of predictive and real time atmospheric modelling found that the blast was released under favourable meteorological conditions with no enhancement shown on the predictive forecast model. Blast footage was also reviewed and showed that the energy from the blast released against the low wall, in the direction of the Wrights monitor. The overpressure event was therefore minimised to a very localised area. This localised event is demonstrated by the compliance with overpressure requirements at other surrounding monitors. Rix’s Creek Mine reviewed the blast process, specific for the geological conditions of the Lower Barrett interburden, following the event to prevent reoccurrence.</p>







## 4.11 Predicted and Actual Environmental Impacts

Compliance was assessed between actual and predicted impacts documented in the Rix's Creek Mine environmental impact assessments, including the physical extent of the development in comparison with the approved boundary and potential off-site impacts of the development. Annual reviews, site aerial imagery and monitoring data was used to assess compliance.

The physical extent of the Rix's Creek Mine was confirmed to align with the approved project boundary.

The predicted and actual off-site impacts of the development are discussed below.

### 4.11.1 Noise

There were no non-compliances or externally reportable incidents relating to noise in the audit period.

Environmental impact assessment model predictions for noise levels for NAG J (NM08) and NAG K (NM11) are less than LAeq(15 minute) 32 dB(A) under neutral atmospheric conditions. Noise modelling for all other NAG are less than or equal to LAeq(15 minute) 35 dB(A) under neutral atmospheric conditions. This is consistent with the attended noise monitoring results for 2021 and the year ending March 2023, with exception to NM08 in June 2022, which recorded an LAeq (15min) of 37dB and NM11 in September 2021, which recorded an LAeq (15min) of 38dB. These noise readings were still within the compliance criteria.

### 4.11.2 Blast

Blasting was undertaken in Camberwell Pit at Rix's Creek North and West Pit at Rix's Creek South during the audit period.

The environmental impact assessment modelled the peak levels for the Wrights blast monitor in West Pit operations at 105dBL and a peak particle velocity level (PPV) of 3.4mm/s. Multiple readings above the predicted peak airblast overpressure level were recorded during the audit period. However, only one exceedance of the blast compliance criteria was recorded. Further details on this incident are provided in Section 4.10. No exceedances of the peak particle velocity level were recorded in the audit period.

No exceedances of the blast criteria occurred as a result of operations at Camberwell Pit.

### 4.11.3 Air Quality

Comparison between the 2009 Environmental Impact Assessment modelled results and the air quality results for 2021 and the year ending March 2023 show that the annual averages at the North West TEOM, South East TEOM and North East TEOM were slightly below predictions.

Air quality results recorded at the North West DustTrak and South East DustTrak were below the predicted model results in the 2014 Environmental Assessment.





#### 4.11.4 Water

As stated in the audit period annual reviews, no negative water quality trends are being driven by mining operations in the area which is consistent with the hydrogeological conceptualisation and impact assessment predictions.

From the 2017 Environmental Assessment, the model indicated that groundwater within alluvial aquifers associated with Glennie’s Creek and Station Creek had the potential to be marginally to negligibly affected by the proposed pit during its active mining phase. Monitoring results during the audit period show the alluvium water levels have been relatively consistent with some variation induced by rainfall, evaporation and natural creek flow process. Alluvial groundwater level monitoring indicated no response to mining outside of the influences of normal climatic variability. Dewatering of the neighbouring/underlying coal seams and broad depressurisation of the Permian basement has not resulted in water level impacts within the creek alluvium system.

#### 4.12 Site Inspection

General observations collected during the audit site inspection of Rix’s Creek South and Rix’s Creek North are summarised in Table 17 and Table 18. Photographs were collected at all areas inspected; some photographs are provided in [Appendix E](#).

*Table 17: Rix’s Creek South Site Inspection General Observations.*

Area Inspected	General Observations
General	<ul style="list-style-type: none"> <li>• Water line sprays along main haul roads which are turned on when wind speeds exceed 6.5 m/s.</li> <li>• Light vehicle and heavy vehicle wash pads in use.</li> <li>• Roads wet with minimal wheel generated dust observed.</li> <li>• Visual amenity tree screens were present along the New England Highway and a visual amenity bund was observed on Rix's Creek Lane.</li> <li>• Speed limit signage in place around the site.</li> </ul>
Mine Infrastructure Area	<ul style="list-style-type: none"> <li>• Oily water separators in use and maintained at a suitable level. Waste oil tank lined and designed to drain to a central capture point.</li> <li>• Segregation of waste including timber, oil, scrap metal, general waste, cardboard/paper and oil filters. A suitable number of bins were available.</li> <li>• IBCs banded and stored undercover.</li> <li>• Workshop drains maintained and clear of debris.</li> <li>• Good standard of housekeeping observed in the workshop with materials and equipment stored in an orderly manner.</li> <li>• Suitable number of spill kits available.</li> <li>• Flammable liquids and gases stored separately at appropriate distances apart.</li> <li>• Dedicated hydrocarbon storage shipping containers used with internal bunding built in.</li> </ul>



Area Inspected	General Observations
	<ul style="list-style-type: none"> <li>• Appropriate dangerous goods signage in place.</li> <li>• Fuel tanks at the fuel farm were bunded and designed to drain to the workshop sump. The effectiveness of the drainage system was verified following rainfall on the day of the site inspection. Recent repairs to the claymax liner around the fuel tanks sighted.</li> <li>• Tyres stored appropriately at a central stockpile location. Waste tyres clearly demarcated for disposal.</li> </ul>
CHPP and ROM Coal Stockpile	<ul style="list-style-type: none"> <li>• The CHPP was not in operation at the time of the site inspection.</li> <li>• Acoustic cladding installed on the outside of the plant to reduce noise.</li> <li>• A substantial proportion of the plant is enclosed.</li> <li>• Enclosed wet system used to wet ROM coal as it enters the CHPP from the ROM coal stockpile. Sprayers are also installed on the ROM coal bin.</li> <li>• Solid bowl centrifuge system in place which produces dry tailings which is co-disposed in the overburden dump.</li> <li>• Minimal coal material observed under conveyors; CHPP area kept clean.</li> <li>• Observed a haul truck tipping and dozer moving material at the ROM coal stockpile. No dust was observed coming off the stockpile or from the equipment operating in the area.</li> <li>• Sprinkler system is used on the ROM coal stockpile.</li> </ul>
Product Coal Stockpile and Rail Infrastructure	<ul style="list-style-type: none"> <li>• A dozer was observed working on the product coal stockpile. No dust from the stockpile was observed at the time of the inspection.</li> <li>• Rail load out sighted. However, no train was present at the time of the inspection.</li> </ul>
Sewage Treatment Plant and Effluent Discharge Utilisation Area	<ul style="list-style-type: none"> <li>• Sighted newly upgraded system which has been installed to cater for the increased demand from the new female bathhouse.</li> <li>• Old tanks have been decommissioned.</li> <li>• The utilisation area was well maintained, with fencing and signage in place. Signage states 'Warning: Reclaimed Effluent Not for Drinking. Avoid Contact'.</li> <li>• No visible ponding present in the utilisation area.</li> </ul>
Active Mining Area	<ul style="list-style-type: none"> <li>• Observed mining operations from the West Pit South lookout point.</li> <li>• No dust was observed and water carts were seen in operation.</li> </ul>
Rehabilitation Site	<ul style="list-style-type: none"> <li>• Old North Pit and West Pit South Batter rehabilitation areas were inspected.</li> <li>• Landform has been contoured for drainage and runoff is directed to farm dams.</li> <li>• Batters have been minimised to 10 degrees or less.</li> <li>• Sighted agistment of cattle on established rehabilitation.</li> <li>• No visible erosion issues were identified.</li> <li>• Habitat corridor sighted next to rehabilitation area.</li> <li>• Topsoil and subsoil stockpiles placed directly in the rehabilitation area, as well as shaped and seeded.</li> </ul>



Area Inspected	General Observations
	<ul style="list-style-type: none"> <li>Biosolid and gypsum storage areas inspected. Areas were bunded and minimal odour was detected from the biosolid stockpile.</li> <li>Observed application of biosolids in the rehabilitation area which had been shaped, raked/ploughed and contoured prior.</li> <li>Capping of Tailings Emplacement Area 3 sighted. No visual issues were identified.</li> </ul>
Water Storages and Drainage	<ul style="list-style-type: none"> <li>Sighted the Turkey's Nest Dam and Raw Water Dam. Sufficient freeboard available in both water storages.</li> <li>Inspected the seepage containment dam near the old underground workings. A generator and backup generator were present and in operation. A concrete wall has been installed in the containment dam to increase capacity and prevent the migration of water into Stonequarry Gully. Sediment fencing has also been installed along the edge of Stonequarry Gully.</li> <li>Three dewatering bores were in operation to remove water from the old underground workings.</li> <li>Stonequarry Gully was dry at the time of inspection.</li> <li>The Stonequarry Gully road culvert was inspected. The culvert was free from debris and dry at the time of inspection.</li> </ul>
Coke Ovens Heritage Site	<ul style="list-style-type: none"> <li>Fencing and signage in place.</li> <li>No sign of unauthorised access or disturbance.</li> </ul>
Explosives Storage Magazine	<ul style="list-style-type: none"> <li>Appropriate signage in place.</li> <li>Storage area located away from other infrastructure and buildings.</li> </ul>
Emulsion and ANFO Yard	<ul style="list-style-type: none"> <li>Spill kits available and stocked.</li> <li>IBCs bunded and covered.</li> <li>Purpose built bunded shipping containers used for storage of substances.</li> <li>Appropriate signage and fencing in place.</li> <li>Yard generally tidy with a high standard of housekeeping.</li> </ul>
Bioremediation Area	<ul style="list-style-type: none"> <li>Three cells in place; only Cell 1 was active at the time of inspection.</li> <li>Material is rotated between the cells and additives are applied such as fertilisers and bioactive to break down the hydrocarbons.</li> <li>All cells are clay-lined.</li> </ul>
Environmental Monitoring Sites	<ul style="list-style-type: none"> <li>Air quality monitor inspected. The unit was clean, air conditioned and a backup battery was sighted. The area around the unit was slashed.</li> <li>The retreat blast monitor was inspected. The monitor was in a publicly accessible area and therefore fenced and locked. The equipment looked to be well maintained.</li> </ul>



Table 18: Rix's Creek North Site Inspection General Observations.

Area Inspected	General Observations
General	<ul style="list-style-type: none"> <li>• Two water fill points in operation observed.</li> <li>• Light vehicle and heavy vehicle wash pads in use.</li> <li>• Roads wet with minimal wheel generated dust observed.</li> <li>• Speed limit signage in place around the site.</li> <li>• Bushfire affected area near the rail loop was inspected. The burnt area was well contained and no infrastructure was affected.</li> </ul>
Mine Infrastructure Area	<ul style="list-style-type: none"> <li>• Chemical storage cabinets in use with internal bunding.</li> <li>• Appropriate dangerous goods signage in place.</li> <li>• Good standard of housekeeping observed in the workshop with materials and equipment stored in an orderly manner.</li> <li>• Suitable number of spill kits available and stocked.</li> <li>• A grated drainage line runs around the perimeter of the workshop to collect runoff and direct to a central sump. The drain was clean at the time of inspection with no blockages.</li> <li>• Fuel farm was inspected. Drainage from the area was contained and tanks were bunded.</li> <li>• Oily water separator in use and maintained at a suitable level.</li> <li>• Segregation of waste including timber, oil, scrap metal, general waste, cardboard/paper and oil filters. A suitable number of bins were available.</li> </ul>
CHPP and ROM Coal Stockpile	<ul style="list-style-type: none"> <li>• The CHPP was not in operation at the time of the site inspection.</li> <li>• A substantial proportion of the plant is enclosed.</li> <li>• Roads around the CHPP had recently been watered.</li> <li>• Dirty water drains around CHPP well maintained.</li> <li>• No equipment was in operation at the ROM coal stockpile at the time of inspection. No dust was observed from the stockpile.</li> <li>• No sprinklers are used on the ROM coal stockpile however area is managed via water cart.</li> </ul>
Product Coal Stockpile and Rail Infrastructure	<ul style="list-style-type: none"> <li>• Stacker observed in operation at the product coal stockpile. The drop height was close to the stockpile.</li> <li>• The conveyor from the product coal stockpile to the rail load out is enclosed.</li> <li>• The train load out area is bunded and drains to a central point which is then directed to the site dirty water drain. The containment bund was clean at the time of the inspection.</li> <li>• Observed train load out in operation. Minimal dust observed.</li> </ul>
Sewage Treatment Plant and Effluent Discharge Utilisation Area	<ul style="list-style-type: none"> <li>• Sewage treatment system sighted.</li> <li>• No visible ponding was observed in the utilisation area, even after recent rainfall.</li> <li>• The utilisation area fence however not locked. Signage in place on fence stating 'Warning: Reclaimed Effluent Not for Drinking. Avoid Contact'.</li> </ul>



Area Inspected	General Observations
Active Mining Area	<ul style="list-style-type: none"> <li>• Mining operations were observed from the Camberwell Pit lookout. No equipment was operating in the pit at the time of the inspection.</li> <li>• A visual amenity bund sighted on the edge of the pit.</li> <li>• No dust was observed even with moderate winds occurring at the time of the inspection.</li> </ul>
Rehabilitation Site	<ul style="list-style-type: none"> <li>• The Camberwell Pit Rail Corridor rehabilitation area was inspected.</li> <li>• Good establishment of ground cover observed, and no visible erosion identified.</li> <li>• Some weeds identified, predominately thistle.</li> <li>• Contour drains are in place to direct runoff to farm dams.</li> </ul>
Water Storages and Drainage	<ul style="list-style-type: none"> <li>• D1, Possum Skin Dam and the associated seepage pond were inspected. Adequate freeboard available in both storages.</li> <li>• The clean water diversion and dirty water diversion were inspected. The clean water diversion was dry at the time of the inspection.</li> <li>• Water pumping infrastructure was present and appeared operational.</li> </ul>
Tailings Emplacement Area	<ul style="list-style-type: none"> <li>• Tailings Dam 2 was inspected.</li> <li>• Operation of spigot lines and evidence of rotation observed.</li> <li>• No dust from the tailings surface was observed during the inspection.</li> <li>• Piezometers installed around the dam perimeter sighted.</li> <li>• Dam outside batters maintained and slashed.</li> <li>• Associated seepage ponds observed. Adequate freeboard available.</li> </ul>
Environmental Monitoring Sites	<ul style="list-style-type: none"> <li>• Air quality monitor inspected. The unit was clean, air conditioned and a backup battery was sighted. The area around the unit was slashed.</li> <li>• The retreat blast monitor was inspected. The monitor was in a publicly accessible area and therefore fenced and locked. The equipment looked to be well maintained.</li> </ul>
Biodiversity Offsets	<ul style="list-style-type: none"> <li>• Martin Creek and Northern Biodiversity Offset Areas were inspected.</li> <li>• Areas were signed, fenced and locked.</li> <li>• Tracks within areas were well maintained and slashed.</li> <li>• Sighted nest boxes for birds and bats affixed to trees.</li> <li>• Sighted a translocated Tiger Orchid.</li> <li>• Powerlines and easements slashed.</li> <li>• No cattle and minimal weeds observed.</li> </ul>

### 4.13 Site Interviews

A summary of the topics covered in the interviews held with Bloomfield personnel during the site inspection is provided in Table 19.



Table 19: Summary of Audit Interviews Completed.

Name	Role	Interview Summary
Chris Quinn	Environmental Superintendent	<ul style="list-style-type: none"> <li>• Systems used by the Environment Department.</li> <li>• Environmental monitoring programs.</li> <li>• Management practices in relation to bushfire, biodiversity, heritage, waste, dangerous goods, visual amenity, noise, dust, blasting and water.</li> <li>• Weed and feral animal control.</li> <li>• Rehabilitation methodology.</li> <li>• Use of predictive meteorological, blast, noise and air quality modelling.</li> <li>• Environmental inspections.</li> <li>• Reportable incidents during the audit period.</li> <li>• Environment Department team structure.</li> <li>• Environmental awareness training.</li> <li>• Scheduling and completion of equipment maintenance and servicing.</li> <li>• Cumulative impacts and interactions with neighbouring mines.</li> <li>• Management of community impacts and complaints.</li> <li>• Operation and maintenance of the sewage treatment systems.</li> <li>• Mining and coal processing activities onsite.</li> <li>• General activities undertaken during the audit period.</li> </ul>
Chris Knight	Group Manager Environment	
David Holmes	Environment Officer	<ul style="list-style-type: none"> <li>• Responsibilities of the role.</li> <li>• Environmental monitoring programs.</li> <li>• Environmental monitoring equipment servicing and maintenance.</li> <li>• Environmental inspections.</li> </ul>
Julius Harris-Payne	Graduate Environment Officer	
Michael Innes	Drill and Blast Engineer	<ul style="list-style-type: none"> <li>• Blast procedures.</li> <li>• Blast fume and dust management practices.</li> <li>• Use of meteorological modelling and blast predictions.</li> <li>• Storage, transport and tracking of explosives.</li> </ul>
Russell Lane	Rehabilitation Operator	<ul style="list-style-type: none"> <li>• Rehabilitation methodology and processes.</li> <li>• Application of biosolids and seed to rehabilitation areas.</li> </ul>





#### 4.14 Improvement Opportunities

Several environmental management improvement opportunities were identified during the audit.

The site water balance provided in the Water Management Plan has not been updated since 2017 and is now outdated. Forecast groundwater extraction volumes provided in the Water Management Plan show that annual licence allocations are expected to be exceeded in 2024 and 2025. However, this is no longer expected to occur due to the delay in mining the Falbrook Pit which is currently in care and maintenance and being used as a water storage area. Also, the total water allocation held by Rix's Creek Mine for the Sydney Basin North Coast Groundwater Source under the North Coast Fractured and Porous Rock Groundwater Sources 2016 Water Sharing Plan exceeds the combined annual requirements at any stage of the project. It is recommended that the site water balance, and subsequently the Water Management Plan, are updated based on the current and future mine plan.

In relation to air quality, monthly PM10 and TSP data is presented in the Annual Reviews. However, there are no compliance criteria for monthly PM10 and TSP. It is recommended that the graphical presentation of results in the Annual Review only display 24-hour and annual averages for PM10 and annual averages for TSP going forward.

No further improvement opportunities were identified by the noise audit technical specialist and Lead Auditor.

#### 4.15 Key Strengths

Key strengths of the development's environmental management and performance identified during the audit are listed below:

- A predictive modelling tool is used for assessing the noise, air and blasting impacts of the operation. The tool allows for optimal design of blast events and planning of site activities based on predicted weather conditions. The tool is a proactive approach to minimising the impact of the site on external stakeholders.
- Bloomfield implement a comprehensive noise management program consistent with best practice. The program includes proactive noise modelling coupled with nightly noise monitoring which allows for real-time adaptive management to ensure compliance with relevant noise criteria. Monitoring systems used also allow for in-field calculation of instantaneous low frequency penalties and probabilities of noise enhancing inversion conditions.
- A robust water management system is in place, which is well understood by site personnel, and allows for adequate separation of clean and mine affected water.
- Bloomfield works in collaboration with neighbouring mine sites to manage the cumulative impacts in the region. This includes regular meetings to discuss air quality, noise and blast aspects of the operations.
- Internal management plans and procedures, beyond that required under conditions of the project approvals, have been developed to ensure impacts of the development are minimised,





such as the Hydrocarbon Management Procedure, Land Disturbance Management Procedure and Tiger Orchid Translocation Management Plan.

- The CHPPs, workshops and other infrastructure areas are in good condition and well managed, with waste segregation, pollution controls and bunding in place and effective.
- Pasture rehabilitation areas are being utilised for cattle grazing to demonstrate rehabilitation is trending towards the final land use requirements.



## 5. Recommendations

Details of all non-compliances identified during the audit are provided in Section 4.4. Recommendations have been made to address all non-compliances identified. These recommendations are provided in Table 20.

Table 20: Audit Recommendations.

Recommendation Reference	Recommendation
R1	Finalise long-term security of offset areas or seek further extension from the Secretary to the date required to secure the biodiversity areas listed in PA 08_0102 Schedule 3, Condition 37.
R2	Update the Road Closure Plan to include provisions for minimising the duration of closures and for avoiding peak traffic periods as far as reasonable.
R3	Continue to investigate longer term controls to lower the water level and prevent seepage from the historic underground coal workings.
R4	Update the worker induction package or develop a new training package to address all training requirements outlined in Section 6 of the Rix's Creek South Aboriginal Cultural Heritage Management Plan.
R5	Update the Bushfire Management Plan to include a schedule for undertaking proposed bushfire mitigation work including monitoring and maintenance.
R6	Replace signage in place at the effluent discharge utilisation areas with signage that states "Effluent Re-Use Area Keep Out".
R7	Ensure the total tonnage of tyres disposed is included in the Heavy Plant-Tyre Disposal Report provided for future Annual Return submissions.



## APPENDIX A – Independent Audit Declaration

### Independent Audit Report Declaration Form


<b>Project Name:</b>	Rix's Creek Mine
<b>Consent Number:</b>	SSD 6300, PA 08_0102 and DA 49/94
<b>Description of Project:</b>	Construction and operation of the Rix's Creek North and South open cut coal mines and associated infrastructure.
<b>Project Address:</b>	Rix's Creek Lane, Singleton NSW 2330
<b>Proponent:</b>	Bloomfield Collieries Pty Ltd
<b>Title of Audit:</b>	2023 Independent Environmental Audit – Rix's Creek Mine
<b>Date:</b>	18 December 2023

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 2019);
- ii. The findings of the Audit are reported truthfully, accurately and completely;
- iii. I have exercised due diligence and professional judgement in concluding 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 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).

<b>Name of Auditor:</b>	Samantha Hovar
<b>Signature:</b>	
<b>Qualification(s):</b>	Bachelor of Environment and Sustainability Exemplar Global Certified Lead Auditor – Integrated Management Systems (Certification No. 6873556-5154070)
<b>Company:</b>	Atlantech Pty Ltd
<b>Company Address:</b>	2 Portside Crescent, Maryville, NSW 2293



## APPENDIX B – Audit Team Endorsement

### Department of Planning and Environment



NSW Planning ref: SSD-6300-PA-63

Christopher Knight  
Group Manager Environment  
Wonnarua Country  
Four Mile Creek Rd  
Ashtonfield New South Wales 2323

23/10/2023

Sent via the Major Projects Portal only

Subject: Rix's Creek Coal Extension - IEA Auditor Endorsement Request

Dear Mr Knight

Reference is made to your post approval matter, SSD-6300-PA-63, request for the Planning Secretary's approval of suitably qualified, experienced, and independent person/s to conduct an Independent Environmental Audit (IEA) for the Rix's Creek Coal Extension, submitted as required by Schedule 2, Condition E10(a) of SSD-6300, as modified (the consent) to NSW Department of Planning and Environment (NSW Planning) on 20 October 2023.

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

In accordance with Schedule 2, Condition E10(a) 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:

- Samantha Hovar (Atlantech) – Lead Auditor
- Duncan Barnes (SLR) – Water Specialist
- Greg Collins (RAPT Consulting) – Noise Specialist
- Shane Lakmaker (Airen Consulting) – Air Quality Specialist

Please ensure this correspondence is appended to the IEA Report.

The IEA 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.

4 Parramatta Square, 12 Darcy Street, Parramatta NSW 2150  
Locked Bag 5022, Parramatta NSW 2124

[www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)

1



**Department of Planning and Environment**



Should you wish to discuss the matter further, please contact Joel Fleming, Senior Compliance Officer on 02 6575 3416 or email [compliance@planning.nsw.gov.au](mailto:compliance@planning.nsw.gov.au)

Yours sincerely

A handwritten signature in dark blue ink that reads 'H Watters'.

Heidi Watters  
Team Leader Northern  
Compliance

As nominee of the Planning Secretary





Department of Planning and Environment



Our ref: SSD-6300-PA-65  
Christopher Knight  
Group Manager Environment  
Wonnarua Country  
Four Mile Creek Rd  
Ashtonfield New South Wales 2323  
08/11/2023

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Sent via the Major Projects Portal only  
Subject: Rix's Creek Coal Extension - 2023 IEA Auditor Endorsement Request

Dear Mr Knight

Reference is made to your post approval matter, SSD-6300-PA-65, request for the Planning Secretary's approval of suitably qualified, experienced, and independent person as an assistant auditor for the Independent Environmental Audit (IEA) of the Rix's Creek Coal Extension as per the conditions of SSD-6300 as modified, DA 49/94 as modified and PA 08\_0102 as modified (the consents) to NSW Department of Planning and Environment (NSW Planning) on 2 November 2023.

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

Consequently, as nominee of the Planning Secretary, I approve the appointment of Dean Woods as an assistant auditor for the 2023 IEA.

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

Should you wish to discuss the matter further, please contact Joel Fleming, Senior Compliance Officer on 02 6575 3416 or email [compliance@planning.nsw.gov.au](mailto:compliance@planning.nsw.gov.au)

Yours sincerely

Heidi Watters  
Team Leader Northern  
Compliance  
As nominee of the Planning Secretary



## APPENDIX C – Audit Consultation

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### C1. Department of Planning and Environment

**From:** Joel Fleming <joel.fleming@planning.nsw.gov.au>  
**Sent:** Wednesday, November 8, 2023 1:00 PM  
**To:** Samantha Hovar <samantha.hovar@atlantech.com.au>  
**Subject:** RE: Request for Comment | Rix's Creek Mine 2023 IEA Scope

Good afternoon Samantha,

Thank you for contacting the department for consultation regarding the Rix's Creek Mine 2023 Independent Environmental Audit. Please consider the following factors for consideration during this audit:

- Implementation of the Air Quality and Greenhouse Gas Management Plan, in particular, in response to weather enhancing factors and implementation of controls to eliminate airborne pollutants.
- The Rehabilitation Program, as outlined in the Rehabilitation Management Plan, has been progressively implemented, monitored and reported.
- Operation of the Community Consultative Committee in accordance with Schedule 2, Condition A18 of the development consent; and contemporary guidelines published by the department.

If you wish to discuss this matter further, you can contact me using the underpinned details.

Thanks.

**Joel Fleming**  
**Senior Compliance Officer**

Development Assessment | Department of Planning and Environment  
T 02 6575 3416 | M 0467 715 429 | E joel.fleming@planning.nsw.gov.au  
The Store, 6 Stewart Avenue, Newcastle West NSW 2302  
[www.dpie.nsw.gov.au](http://www.dpie.nsw.gov.au)



*The Department of Planning and Environment acknowledges that it stands on Aboriginal land. We acknowledge the traditional custodians of the land and we show our respect for elders past, present and emerging through thoughtful and collaborative approaches to our work, seeking to demonstrate our ongoing commitment to providing places in which Aboriginal people are included socially, culturally and economically.*



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**From:** Samantha Hovar <[samantha.hovar@atlantech.com.au](mailto:samantha.hovar@atlantech.com.au)>  
**Sent:** Thursday, 2 November 2023 10:57 AM  
**To:** DPE PSVC Compliance Mailbox <[compliance@planning.nsw.gov.au](mailto:compliance@planning.nsw.gov.au)>  
**Subject:** Request for Comment | Rix's Creek Mine 2023 IEA Scope

Hi Heidi,

Atlantech has been appointed as the auditor to conduct the 2023 Independent Environmental Audit of the Rix's Creek Mine.

I am writing to seek input from the Department of Planning and Environment on the audit scope. Please refer to the attached letter for further details.

Do not hesitate to contact me if you have any questions regarding this request.

Kind regards,



**Samantha Hovar**  
Senior Environmental Consultant, Atlantech



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[samantha.hovar@atlantech.com.au](mailto:samantha.hovar@atlantech.com.au)

2 Portside Cres, Maryville NSW 2293

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2 November 2023

Heidi Watters  
Team Leader Northern Compliance  
NSW Government Department of Planning and Environment  
Locked Bag 5022,  
Parramatta NSW 2124

By email: [compliance@planning.nsw.gov.au](mailto:compliance@planning.nsw.gov.au)

Dear Heidi,

**Rix's Creek Mine Independent Environmental Audit 2023 Scope**

Atlantech Pty Ltd have been appointed as the auditor to conduct an Independent Environment Audit of Rix's Creek Mine for the period commencing 4 November 2020 to 4 November 2023. This audit is required to satisfy:

- Schedule 2, Condition E10 of SSD 6300.
- Schedule 2, Condition 26 of DA 49/94.
- Schedule 5, Condition 11 of PA 08\_0102.

As per the NSW Department of Planning, Industry and Environment *Independent Audit Post Approval Requirements* (2020), the Department must be consulted for input into the scope of the audit. Furthermore, the Department may request other parties or agencies be consulted for their input into the audit scope.

We are writing to obtain input from the NSW Department of Planning and Environment on the audit scope and to seek direction on any further consultation required for development of the audit scope.

Are there any specific environmental issues or aspects outside of the required audit scope outlined in Appendix A that you wish to be investigated to better understand the environmental performance and compliance status of the project?

Further to this, are there any other relevant parties or agencies who you wish to be consulted for input into the audit scope?





Please feel free to contact me on 0466 273 603 or [samantha.hovar@atlantech.com.au](mailto:samantha.hovar@atlantech.com.au) should you have any questions regarding this request.

Sincerely,

**Samantha Hovar**  
Senior Environmental Consultant  
Atlantech Pty Ltd  
0466 273 603  
[Samantha.hovar@atlantech.com.au](mailto:Samantha.hovar@atlantech.com.au)

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## C2. Community Consultative Committee

**From:** Lisa Andrews <[lisaandrews.ic@gmail.com](mailto:lisaandrews.ic@gmail.com)>  
**Sent:** Thursday, November 16, 2023 3:17 PM  
**To:** Samantha Hovar <[samantha.hovar@atlantech.com.au](mailto:samantha.hovar@atlantech.com.au)>  
**Subject:** Fwd: Rix's Creek Independent Environmental Audit

Hi Samantha, please see the email below from one of the community members with a question regarding the audit compliance criteria.

For your response back to me please.

I advise that no other issues have been raised by CCC members and that they receive a comprehensive presentation from Bloomfield at its May and October meetings.

Best regards

Lisa

Lisa Andrews

Independent Chairperson &

Director

Articulate Solutions Pty Ltd

t: 0401 609 693

e: [lisaandrews.ic@gmail.com](mailto:lisaandrews.ic@gmail.com)

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----- Forwarded message -----

From: **Samantha Hovar** <[samantha.hovar@atlantech.com.au](mailto:samantha.hovar@atlantech.com.au)>

Date: Wed, Nov 8, 2023 at 4:31 PM

Subject: Rix's Creek Independent Environmental Audit

To: [lisaandrews.ic@gmail.com](mailto:lisaandrews.ic@gmail.com) <[lisaandrews.ic@gmail.com](mailto:lisaandrews.ic@gmail.com)>

Hi Lisa,

Atlantech has been engaged to conduct the 2023 Independent Environmental Audit of the Rix's Creek south and north mines. As per the attached letter from the Department of Planning and Environment, I have been appointed as the lead auditor.

I am writing to seek input from the Community Consultative Committee on the audit scope. Please refer to the attached letter for further details.

Please do not hesitate to contact me if you have any questions regarding this request.

Kind regards,



**Samantha Hovar**  
Senior Environmental Consultant, Atlantech



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[samantha.hovar@atlantech.com.au](mailto:samantha.hovar@atlantech.com.au)

[2 Portside Cres, Maryville NSW 2293](#)

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8 November 2023

Lisa Andrews  
Independent Chairperson  
Rix's Creek Community Consultative Committee

By email: [lisaandrews.ic@gmail.com](mailto:lisaandrews.ic@gmail.com)

Dear Lisa,

**Rix's Creek Mine Independent Environmental Audit 2023 Scope**

Atlantech Pty Ltd have been appointed to conduct an Independent Environment Audit of Rix's Creek Mine for the period commencing 4 November 2020 to 4 November 2023. This audit is required to satisfy:

- Schedule 2, Condition E10 of SSD 6300.
- Schedule 2, Condition 26 of DA 49/94.
- Schedule 5, Condition 11 of PA 08\_0102.

The Community Consultative Committee (CCC) must be consulted for input into the scope of the audit as per conditions of these consents. As such, we are writing to obtain input from the CCC on the audit scope.

Are there any specific environmental issues or aspects outside of the required audit scope outlined in Appendix A that you wish to be investigated to better understand the environmental performance and compliance status of the project?

Further to this, we are required to evaluate the operation of the CCC in accordance with consent conditions and the contemporary guidelines published by the Department. Are you able to please provide copies of any annual reports submitted to the Department of Environment and Planning in the audit period?

Please feel free to contact me on 0466 273 603 or [samantha.hovar@atlantech.com.au](mailto:samantha.hovar@atlantech.com.au) should you have any questions regarding this request.





Sincerely,

A handwritten signature in black ink, appearing to read 'Samantha Hovar', with a horizontal line extending to the right.

**Samantha Hovar**  
Senior Environmental Consultant  
Atlantech Pty Ltd  
0466 273 603  
[Samantha.hovar@atlantech.com.au](mailto:Samantha.hovar@atlantech.com.au)

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## APPENDIX D – Independent Audit Tables

The following tables detail the assessment of compliance against each condition of the project approvals. Note that red text indicates a condition that was removed from the relevant approval during the audit period and green text indicates a condition that was added or amended.

Table 21: DA 49/94 Audit Table

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 1	<p>The Development is to be carried out generally in accordance with the:</p> <ul style="list-style-type: none"> <li>(i) Environmental Impact Statement prepared by Envirosciences Pty Limited, dated November 1994;</li> <li>(ii) Supplementary Document prepared by Envirosciences Pty Limited, dated April 1995;</li> <li>(iii) Correspondence from Bloomfield Collieries Pty Limited accompanying the application seeking a modification to the development consent, dated 12 November 1998;</li> <li>(iv) Information provided by Rix's Creek Mine accompanying the application seeking a modification to the development consent, dated 20 November 2003;</li> <li>(v) Information prepared by Hunter Development Brokerage Pty Ltd accompanying the application seeking a modification to the development consent, dated 14 April 2004;</li> <li>(vi) the modification application "Rix's Creek Mine Cut and Cover Tunnel, New England Highway: Statement of Environmental Effects", prepared by Sinclair Knight Merz and dated May 2009;</li> <li>(vii) the modification application DA 49/94 MOD 5 and accompanying documents entitled Rix's Creek Rail Loop Section 75W Modification Environmental Assessment dated April 2013, Submissions Report Modification No.5 – Proposed Rail Loop and Loading Facility dated July 2013, and letter from Global Acoustics regarding Rix's Creek Proposed Rail Loop Environmental Noise Assessment dated 10 September 2013;</li> <li>(viii) the modification application DA 49/94 MOD 6 and accompanying letter from Rix's Creek Pty Limited titled Proposed Modification to Rix's Creek Open Cut Mine Maximum Consented Production Rate and dated 22 October 2014;</li> <li>(ix) the modification application DA 49/94 MOD 7 and accompanying document from Bloomfield Collieries Pty Ltd titled Environmental Assessment for Proposed Modifications to Rix's Creek DA 49/94 N90/00356 (Mod 7) and Integra OpenCut Project 08_0102 (Mod 5) and dated 4 February 2016;</li> <li>(x) the modification application DA 49/94 MOD 8 and accompanying document from Bloomfield Collieries Pty Ltd titled Environmental Assessment for Proposed Modifications to Rix's Creek DA 49/94 N90/00356 (Mod 8) undated</li> <li>(xi) the modification application DA 49/94 MOD 9 and accompanying documents from Bloomfield Collieries Pty Ltd titled Environmental Assessment for Proposed Modifications to Rix's Creek DA 49/94 N90/00356 (Mod 9) and Rix's Creek North</li> </ul>	Compliant		<p>2020, 2021 and YEM 2023 Annual Reviews            Site inspection            Audit interviews            Site aerial image dated March 2023</p>	<p>Review of available documentation indicates general compliance with the documents and information listed in this condition. Note that construction of the rail loop and rail spur has not commenced.</p>	<p>The development has generally been carried out in accordance with the requirements of this condition.</p>	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	Open Cut Project 08_0102 (Mod 7), and Rix's Creek – (DA 49/94 Mod 9) and Rix's Creek North (DA 08_0102 Mod 7) Response to Submissions; (xii) the modification application DA 49/94 MOD 10 and accompanying documents from Bloomfield Collieries Pty Ltd titled Rix's Creek South Mine – DA 49/94 Modification 10 Time Extension Contingency for the Determination of the Project Continuation dated 26 February 2019, and Rix's Creek South Modification 10 Response to Submissions for The Bloomfield Group dated April 2019.						
Schedule 2, Condition 1A	The Development is to be carried out in accordance with the conditions of this consent.	Non-compliant	Low		Non-compliances against the conditions of this consent were identified.	The development has generally been carried out in accordance with the conditions of this consent. However, there are some non-compliances throughout.	Refer to actions and recommendations provided for each non-compliance.
Schedule 2, Condition 1B	If there is any inconsistency between the documents listed in condition 1, the more recent document shall prevail to the extent of the inconsistency. The conditions of this consent shall prevail over all documents listed in condition 1.	Noted					Noted.
Schedule 2, Condition 2	Approval in respect of coal extraction is limited to a period of 21 years and nine months from the date of this consent or from the date of issue of a mining lease in satisfaction of Mining Lease Application No. 17 Singleton wherever is the later.	Compliant		YEM 2023 Annual Review SSD 6300	DA 49/94 was approved on the 19/10/1995 for a period of 21 years from the date of issue of a mining lease in satisfaction of Mining Lease Application No. 17. Mining Lease 1432 was subsequently issued on 24/06/1998, therefore allowing coal extraction until 24/06/2019.  In 2015, a development application was submitted to extend Mining Operations within the area for a further 21 years. This project was named the Rix's Creek (South) Continuation of Mining Project State Significant Development 6300 (SSD6300). An extension to the Project Approval (DA 49/94 MOD 10) duration was sought for an additional nine months to allow continued coal extraction up to 24/03/2020 while the Continuation Project assessment was undergoing due process. The Rix's Creek South Continuation of Mining Project SSD 6300 was commenced on 24/02/2020.	Coal extraction was undertaken in accordance with this condition up to the 24/02/2020 when the Rix's Creek South Continuation of Mining Project SSD 6300 was commenced.	
Schedule 2, Condition 3	The Applicant must ensure that all statutory requirements including but not restricted to those set down by the Local Government Act, 1993, Pollution Control Act, 1970, Clean Air Act, 1961, Clean Water Act, 1970, Noise Control Act, 1975, Protection of the Environment Administration Act, 1991 and all other relevant legislation, Regulations, Australian Standards, Codes, Guidelines and Notices, Conditions, Directions, Notices	Non-compliant	Low		Review of available documentation indicates non-compliances have been recorded during the audit period for relevant acts and agencies detailed in this condition.	Some statutory requirements have not been satisfied during the audit period.	Refer to actions and recommendations provided for each non-compliance.



Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	and Requirements of the Office of Environment and Heritage (OEH), Environment Protection Authority (EPA), Department of Primary Industries Water (DPI Water), Division of Resources and Geoscience (DRG) and Roads and Maritime Services(RMS), are fully met.						
Schedule 2, Condition 4	Mining plans for submission to DRG must be based on a total movement of materials in mining not exceeding 16.1 million bank cubic metres in any year.	Compliant		2020, 2021 and YEM 2023 Annual Reviews	Annual Reviews show total coal operations have not exceeded 16.1 million BCM in any year during the audit period. A total of 11.1, 10.3 and 9.6 million BCM were reported in the YEM 2023, 2021 and 2020, respectively.	The total movement of materials in mining did not exceed 16.1 million bank cubic metres in any year over the audit period.	
Schedule 2, Condition 5	The Applicant must relocate any TransGrid transmission lines within the mining lease to the satisfaction of TransGrid and at a mutually agreed time.	Not Triggered		Audit interviews	No TransGrid transmission lines were relocated during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition 6	The Applicant must: (i) within six (6) months of the date of this consent or within such further period as the Singleton Council ("the Council") may permit, submit for Council's approval: (a) An updated detailed landscaping plan covering all portions within the proposed mining area and associated lands owned by the Applicant. The Applicant must engage a suitably qualified person to assist in preparing the landscaping plan. The plan must provide for the establishment of trees and shrubs and the construction of mounding. The plan must incorporate appropriate erosion control and sediment control practices for earthworks associated with the development. (b); Details of the visual appearance of all buildings, structures, facilities or works (including paint colours and specifications). Buildings and structures must be designed and constructed/renovated so as to present a neat and orderly appearance and to blend as far as possible with the surrounding landscape. (c); A comprehensive plan of landscape management which must include detailed plans, specifications for the maintenance of all landscape works and plantings, and maintenance of building materials and claddings, proposed screen plantings and mounding along the New England Highway and mine overburden dumps. (ii); apply a surface sealant such as bitumen emulsion, straw or seed within 30 days of its construction to any mounding or bunding as directed by EPA. (iii); comply with the requirements of Council in respect to any supplementary tree planting and visual amenity enhancement works within or immediately outside the mining lease area which may be identified by the Council in consultation with relevant land holders as necessary for the maintenance of satisfactory visual amenity in the local area.	Compliant		2016 and 2019 Rix's Creek South Mine Independent Environmental Audit Reports	The requirements of this condition were assessed during the 2007, 2011 and 2016 Independent Environmental Audits for Rix's Creek South. All conditions were found to be compliant or not required, apart from a non-compliance which was identified against sub-condition (c) in relation to the Landscape Management Plan. As per Schedule 2, Condition A24 of SSD 6300, existing management plans approved under DA 49/94 apply until the approval of a similar plan under SSD 6300. The Rehabilitation Management Plan and Rehabilitation Strategy approved under SSD 6300 are considered to satisfy similar requirements to this management plan. As such, this sub-condition is no longer considered relevant.  Sub conditions (ii) and (iii) were not triggered in the current audit period.		

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 7	The Applicant must: (i); implement all reasonable and feasible measures to mitigate visual and off-site lighting impacts of the project; (ii); ensure no unshielded outdoor lights shine above the horizontal; (iii); ensure that all external lighting associated with the project complies with Australian Standard AS4282 (INT) 1995 - Control of Obtrusive Effects of Outdoor Lighting, or its latest version, to the satisfaction of the Secretary.	Compliant		2020, 2021, 2022, 2023 and YEM 2024 Complaints registers Site inspection Audit interviews 2020, 2021, and YEM 2023 Annual Reviews Rix's Creek South Mine Independent Environmental Audit 2020 report Worker Induction Part 3 Offsite Operations Lighting Register Night time noise monitoring summary sheet dated 03/05/2022	Refer to evidence provided for SSD 6300 Schedule 2, Condition B61.	The requirements of this condition were satisfied during the audit period and all reasonable steps to minimise the visual and off-site lighting impacts of the development have been implemented.	
Schedule 2, Condition 8	The Applicant must: (i); ensure that the project is suitably equipped to respond to fires on site; (ii); assist the Rural Fire Service and emergency services as much as possible if there is a fire in the vicinity of the site.	Compliant		Bushfire Management Plan (v1.2) Site inspection Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	Refer to evidence provided for SSD 6300 Schedule 2, Condition B66.	The requirements of this condition were satisfied during the audit period.	
Schedule 2, Condition 9	The Applicant must prepare a Traffic Management Plan for the development, to the satisfaction of the Secretary. The Plan must: (i); be submitted to the Secretary for approval prior to commencement of construction of the cut and cover tunnel; (ii); be prepared in consultation with the RMS and Singleton Shire Council; (iii); include procedures for regular monitoring of compliance with this plan; (iv); include a Construction Traffic Management Plan for the construction of the rail loop and rail spur, including: • traffic control measures for vehicle movements along the New England Highway; • measures that would be implemented to minimise traffic and road safety impacts, and • management of heavy vehicles, particularly oversize loads to and from the site.	Not Triggered		2016 Rix's Creek South Mine Independent Environmental Audit Report Audit interviews	Compliance in relation to Condition 9(i)(ii)&(iii) and Condition 9A was considered during the 2016 IEA.  Construction of the rail loop and rail spur has not commenced.	This condition was not triggered during the audit period.	
Schedule 2, Condition 9A	The Applicant must obtain all necessary approvals from the RMS prior to commencing construction.	Not Triggered		2019 Rix's Creek South Mine Independent Environmental Audit Report	Refer to evidence provided for Condition 9.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 10	The Applicant must: (i); comply with LA 10 daytime noise level design goals set out below: The Retreat 42dB(A) Singleton Heights 42dB(A) Maison Dieu Road 38dB(A) (ii); comply with LA 10 nighttime noise level design goals set out below: The Retreat 40dB(A) Singleton Heights 40dB(A) Maison Dieu Road 38dB(A)	Compliant		Monthly noise monitoring reports from November 2020 to October 2023	As per condition A16 of SSD 6300, prior to surrender of DA 49/94, the conditions of SSD 6300 prevail to the extent of any inconsistencies. As such, the noise limits defined in SSD 6300 were applied during the audit period.  Refer to evidence provided for SSD 6300 Condition B1.	No noise exceedances were reported within the audit period at any residence on privately-owned land.	
Schedule 2, Condition 10A	The Applicant must: (i); implement best practice noise management, including all reasonable and feasible noise mitigation measures, to minimise the operational, low frequency, and rail noise generated by the project at all times, including during temperature inversions; (ii); operate a comprehensive noise management system that uses a combination of predicted meteorological forecasting and real-time noise monitoring data to guide the day-to-day planning of mining operations and the implementation of both proactive and reactive mitigation measures to ensure compliance with the relevant conditions of this approval; (iii); maintain or improve the effectiveness of noise suppression equipment on plant at all times and ensure defective plant is not used operationally until fully repaired; (iv); ensure that noise attenuated plant is deployed preferentially in locations relevant to sensitive receivers; (v); minimise the noise impacts of the project during meteorological conditions under which data is to be excluded for the purposes of assessing compliance with these conditions (see Appendix 4); and (vi); co-ordinate the noise management on site with noise management at nearby mines (including Integra Underground, Ashton, Rix's Creek North and the Mount Owen Complex) to minimise cumulative noise impacts, to the satisfaction of the Secretary.	Compliant		Monthly noise monitoring reports from November 2020 to October 2023 RCM Noise Management Plan (v2.0) Site inspection Audit interviews Attended noise monitoring recording sheet dated 05/10/2023 Night time noise monitoring summary sheet dated 12/10/2023 2020, 2021, 2022 and 2023 Complaints registers Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023 Mobile Plant Sound Power Screening Report 2021 Mobile Plant Sound Power Screening Report 2020 Sighted EnvMet and Teledata systems Inter-Mine Meeting Minutes dated 30/09/2021	Refer to evidence provided for SSD 6300 Condition B4.  Inter-mine meetings are regularly held between Rix's Creek and neighbouring mines (including Integra Underground, Ashton, and Mount Owen Complex) to discuss cumulative environmental impacts including noise. Meeting minutes from September 2021 were sighted and included discussion on noise impacts.	All requirements of this condition were met during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 11	The Applicant must prepare a Noise Management Plan for the project to the satisfaction of the Secretary. This plan must: (i);(i) be prepared in consultation with the EPA, and then submitted to the Secretary for approval by 30 April 2017; (ii); describe the measures that would be implemented to ensure: <ul style="list-style-type: none"> <li>• compliance with the noise criteria and operating conditions of this approval; and</li> <li>• best management practice is being employed;</li> </ul> (iii); describe the noise management system in detail; (iv); include a noise monitoring program that: <ul style="list-style-type: none"> <li>• uses a combination of real-time and supplementary attended monitoring measures to evaluate the performance of the project;</li> <li>• includes a protocol for determining exceedances of the relevant conditions in this approval;</li> <li>• evaluates and reports on the effectiveness of the noise management system and the best practice noise management measures; and</li> </ul> (v); includes a protocol that has been prepared in consultation with the owners of nearby mines (including Integra Underground, Ashton, Rix's Creek North and the Mount Owen Complex) to minimise the cumulative noise impacts of the mines.	Compliant		RCM Noise Management Plan (v2.0)	Refer to evidence provided for SSD 6300 Condition B5.	A Noise Management Plan has been prepared for the development, in accordance with the requirements of this condition, and approved by a nominee of the Planning Secretary.	
Schedule 2, Condition 11A	Prior to construction of the rail loop and rail spur, the Applicant must: (i); prepare (and during construction implement) a Construction Noise Management Plan prepared in accordance with the Interim Construction Noise Guideline (DECC, 2009) (or any relevant updated version), to the satisfaction of the Secretary; and (ii); install temporary noise barriers in a suitable location to minimise noise impacts resulting from construction of the southern section of the rail spur, unless otherwise agreed by the Secretary.	Not Triggered		Audit interviews Site inspection		Construction of the rail loop and rail spur has not commenced.	
Schedule 2, Condition 11B	The Applicant must ensure that construction activities are restricted to standard construction hours specified in the Interim Construction Noise Guideline (DECC, 2009). If works are required outside standard construction hours, the Applicant must consult with the community and seek approval from the Secretary prior to commencement of construction.	Not Triggered		Audit interviews Site inspection		This condition relates to construction of the rail loop and rail spur, which has not commenced to date.	
Schedule 2, Condition 12	The Applicant must ensure that the blasting on site does not cause exceedances of the criteria in Table 1. However, these criteria do not apply if the Applicant has a written agreement with the relevant landowner or infrastructure owner to exceed the criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	Non-compliant	Low	2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews Correspondence from Bloomfield to DPE dated 19/09/2023	All blast monitoring results for the audit period were reviewed against the blast criteria specified under this condition.  One non-compliance of the airblast overpressure limit was recorded on 12/09/2023. A reading of 124.9 dB was recorded at the Wright Residence monitoring point. The blast was released under favourable meteorological conditions with no enhancement shown on the predictive forecast model. Energy from the blast was released against the low wall and in the direction of the	One exceedance of the airblast overpressure limit was recorded during the audit period. However, this was identified to be a localised event and the blast process specific to the geological conditions of the event site has been reviewed.	No further action required.

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
					<p>Wrights monitor which minimised the overpressure event to within a very localised area. Compliance with overpressure requirements was observed at all other surrounding monitors. The blast process specific to the geological conditions of the Lower Barrett interburden was reviewed as a result of the exceedance. No remediation was required. No further exceedances occurred following this event in the audit period.</p> <p>Blast controls are implemented to prevent exceedances of the criteria relevant to this condition. Refer to evidence provided for SSD 6300 Condition B17.</p>		
Schedule 2, Condition 12A	The Applicant must only carry out blasting on site between 9 am and 5 pm Monday to Saturday inclusive. No blasting is allowed on Sundays, public holidays, or at any other time without the written approval of the Secretary.	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews	Blast monitoring reports were reviewed to ensure no blasts were carried out on Sundays, public holidays or outside the approved times. All blasts occurred between 9 am to 5 pm Monday to Saturday.	All blasts within the audit period were found to be compliant with the requirements of this condition.	



Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 12B	The Applicant must: (i); implement best blasting management practice on site to: • protect the safety of people and livestock in the surrounding area; • protect private or public property in the surrounding area; • minimise the dust and fume emissions of the blasting; and (ii);co-ordinate the blasting on site with the blasting at nearby mines(including Ashton, Rix's Creek North and the Mount Owen Complex) to minimise cumulative blasting impacts; (iii); co-ordinate the blasting on site with nearby underground mines (including Integra Underground) to minimise operational disturbance and to ensure the safety of underground personnel; and (iv); operate a suitable system to enable the public to get up-to-date information on the proposed blasting schedule on site, to the satisfaction of the Secretary.	Compliant		Blast Management Plan (v1.9) 2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports Bloomfield website - Blasting Information page Site inspection Audit interviews SMS blast message	Section 4 of the Blast Management Plan details the management measures to minimise the impact of blasting on human safety, livestock, property and public infrastructure. These controls were verified during an audit interview with a site Drill and Blast Engineer: -Blast design is prepared to minimise blast impacts. Blast variables that are managed include shot size, location and height of the blast in the pit, and explosives type. The explosives type used is matched to the properties of the material to be blasted. -Blasts are postponed if weather conditions are unfavourable. -Relevant neighbours are provided notification of scheduled blasts.  The blast management system is described in Section 4.1 of the Blast Management Plan and includes meteorological forecasts and predictive blast modelling. The EnvMet system used for meteorological forecasting and blast modelling (dust and fume) was sighted during the site inspection. The system has the ability to model blast variables including hole diameter, type, charge mass, stemming, k factor, location, date and time. This allows for blast impacts to be minimised in the blast planning stage.  The site blast public information system is described in Section 4.1.1 of the plan. Details to register for SMS notifications are also provided on the company website. SMS messages sent to members on the notification list were sighted during the site inspection.  The blast management coordination and cumulative protocol is described in Section 4.4 of the Blast Management Plan. The 2020, 2021 and YEM 2023 Annual Reviews state that Bloomfield sends out an email and text message blast notification to nearby mines prior to all blasts that provides a figure of the location of the blast and the intended time of firing. Bloomfield also receives blast notifications from nearby mines which identify the intended time and position of the blast so that coordination of blast times can occur between mine sites.	The requirements of this condition were satisfied during the audit period.	
Schedule 2, Condition 12C	The Applicant must not undertake blasting within 500 metres of: (i); the New England Highway without the approval of the RMS; and	Compliant		Blast Management Plan v1.9 2020, 2021 and YEM 2023 Annual Reviews Correspondence from DPIE to Bloomfield dated	The Blast Management Plan and Annual Reviews indicate that blasting is not conducted within the New England Highway and the Main Northern Railway without relevant approvals.	All required agreements and approvals were in place for blasting that occurred within 500 metres of the New England Highway.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	(ii); the Main Northern Railway without the approval of the ARTC.			08/02/2020. Correspondence from Bloomfield to DPIE dated 17/12/2019. Road Occupancy Licence (1185380)	Approval was granted from DPE in February 2020 for blasting to occur within 500m of the New England Highway. Bloomfield currently holds a Road Occupancy Licence with Roads and Maritime Services to close the New England Highway when blasting is within 500 m of the highway. The Blast Management Plan also outlines the procedure for closing and securing the highway during blasting.		
Schedule 2, Condition 12D	The Applicant must prepare a Blast Management Plan for the project to the satisfaction of the Secretary. This plan must: (i); be prepared in consultation with OEH, and then submitted to the Secretary for approval by 30 April 2017; (ii); describe the blast mitigation measures that would be implemented to ensure compliance with the relevant condition of this approval (iii); describe the measures that would be implemented to ensure that the public can get up-to-date information on the proposed blasting schedule on site; (iv); include a blast monitoring program to evaluate the performance of the project; and (v); include a protocol that has been prepared in consultation with the owners of the nearby mines (including Ashton, Rix's Creek North and the Mount Owen Complex) for minimising and managing the cumulative blasting impacts of the mines.	Not Applicable		Blast Management Plan v1.9	As per Schedule 2, Condition A24 of SSD 6300, existing management plans approved under DA 49/94 apply until the approval of a similar plan under SSD 6300.  A Blast Management Plan was approved under SSD 6300 on 23/12/2020. As such, this condition is no longer considered relevant.	This condition is no longer applicable.	
Schedule 2, Condition 12E	The Applicant must not carry out blasting that is within 500 metres of any privately owned land or land not owned by the Applicant unless: (i); the Applicant has a written agreement with the relevant landowner to allow blasting to be carried out closer to the land, and the Applicant has advised the Department in writing of the terms of this agreement; or (ii); the Applicant has: • demonstrated to the satisfaction of the Secretary that the blasting can be carried out without compromising the safety of the people or livestock on the land, or damaging the buildings and/or structures on the land; and • updated the Blast Management Plan to include the specific measures that would be implemented while blasting is being carried out within 500 metres of the land.	Compliant		Blast Management Plan (v1.9) Correspondence from DPIE to Bloomfield dated 08/02/2020. Correspondence from Bloomfield to DPIE dated 17/12/2019. Compensation agreement with Keith Heuston Pty Ltd	Refer to evidence provided for SSD 6300 Schedule 2, Condition B18.	All required agreements and approvals were in place for blasting that occurred within 500 metres of privately owned land during the audit period.	
Schedule 2, Condition 13	The Applicant must ensure that no offensive odours are emitted from the site, as defined under the POEO Act	Compliant		2020, 2021, 2022 and 2023 Complaints registers Site inspection Audit interviews	Refer to evidence provided for SSD 6300 Condition B21.	Odour from the operation was effectively managed during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 13A	The Applicant must implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site to the satisfaction of the Secretary.	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Site inspection Audit interviews	Greenhouse gas management measures are detailed in the Air Quality and Greenhouse Gas Management Plan.  Measures to reduce emissions were implemented in the audit period. Most notably, twenty new Cat 793F haul trucks with improved fuel efficiency were purchased to replace outdated equipment. Bloomfield is also in the initial concept phase of the Bridgeman Solar Farm project which is proposed to be constructed on land owned by the mine.  Maintenance of diesel equipment was observed during the site inspection.	Reasonable and feasible measures to minimise the release of greenhouse gas emissions from the operation were implemented during the audit period.	
Schedule 2, Condition 13B	The Applicant must 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 1A at any residence on privately-owned land.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Rix's Creek Air Quality Results Spreadsheet	Refer to evidence provided for SSD 6300 Condition B22.	The monitoring has shown that operations have not caused additional exceedances of the criteria at locations representative of residences on privately owned land.	Improvement opportunity: Monthly PM10 and TSP is presented in the Annual Reviews. However, there are no criteria for monthly PM10 and TSP. It is suggested that the plots show 24-hour and annual averages only going forward.
Schedule 2, Condition 14	The Applicant must: (i); implement best practice air quality management on site, including all reasonable and feasible measures to minimise the off-site odour, fume and dust emissions generated by the project, including those generated by spontaneous combustion; (ii); minimise any visible air pollution generated by the project; (iii); operate a comprehensive air quality management system on site that uses a combination of predictive meteorological forecasting and real-time air quality monitoring data to guide the day to day planning of mining operations and the implementation of both proactive and reactive air quality mitigation measures to ensure compliance with the relevant conditions of this approval; (iv); minimise the air quality impacts of the project during adverse meteorological conditions and extraordinary events (see note d in condition 13B); (v); minimise surface disturbance on the site; and (vi); co-ordinate the air quality management on site with the air quality management of nearby mines (including Integra Underground, Ashton, Rix's Creek North and the Mount Owen Complex) to minimise cumulative air quality impacts, to the satisfaction of the Secretary.	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Site inspection Audit interviews 2020, 2021, 2022 and 2023 Complaints registers Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023 Inter-Mine Meeting Minutes dated 30/09/2021	Refer to evidence provided for SSD 6300 Condition B25.  Inter-mine meetings are regularly held between Rix's Creek and neighbouring mines (including Integra Underground, Ashton, and Mount Owen Complex) to discuss cumulative environmental impacts including air quality. Meeting minutes from September 2021 were sighted and included discussion on air quality impacts.	The requirements of this condition were satisfied during the audit period.	



Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 14A	The Applicant must prepare an Air Quality & Greenhouse Gas Management Plan for the project to the satisfaction of the Secretary. This plan must: <ul style="list-style-type: none"> <li>(i); be prepared in consultation with EPA, and then submitted to the Secretary for approval by 30 April 2017;</li> <li>(ii); describe the measures that would be implemented to ensure: <ul style="list-style-type: none"> <li>• compliance with the air quality criteria and operating conditions of this approval; and</li> <li>• best practice air quality management is being employed;</li> </ul> </li> <li>(iii); describe the air quality management system in detail;</li> <li>(iv); include an air quality monitoring program that: <ul style="list-style-type: none"> <li>• uses a combination of real-time monitors and supplementary monitors to evaluate the performance of the project;</li> <li>• includes a protocol for determining any exceedances of the relevant conditions of this approval;</li> <li>• adequately supports the proactive and reactive air quality management system;</li> <li>• includes PM2.5 monitoring (although this obligation could be satisfied by the regional air quality monitoring network if sufficient justification is provided);</li> <li>• evaluates and reports on the effectiveness of the air quality management system and the best practice air quality management measures; and</li> </ul> </li> <li>(v); include a protocol that has been prepared in consultation with the owners of nearby mines (including Integra Underground, Ashton, Rix's Creek North and the Mount Owen Complex) to minimise the cumulative air quality impacts of the mines.</li> </ul>	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6)	Refer to evidence provided for SSD 6300 Condition B26.	An Air Quality and Greenhouse Gas Management Plan has been prepared for the development and approved by the Planning Secretary. The content of the plan addresses the requirements of this condition.	
Schedule 2, Condition 14B	For the life of the project, the Applicant must ensure that there is a meteorological station in the vicinity of the site that: <ul style="list-style-type: none"> <li>(i); complies with the requirements in the Approved Methods for Sampling of Air Pollutants in New South Wales guideline; and</li> <li>(ii); is capable of continuous real-time measurement of temperature lapse rate in accordance with the NSW Industrial Noise Policy or as otherwise approved by the EPA.</li> </ul>	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Meteorological monitoring data spreadsheet Meteorological Station calibration sheets dated March and September 2021, 2022 and 2023 Correspondence from Bloomfield to DPE dated 10/02/2020 Correspondence from CBased Environmental to Bloomfield dated 20/12/19	Refer to evidence provided for SSD 6300 Condition B28.	The onsite automatic weather station was confirmed to be operational during the audit period and compliant with the requirements of this condition.	
Schedule 2, Condition 14C	The Applicant must obtain all necessary water licences for the project under the Water Act 1912 or the Water Management Act 2000	Compliant		2020, 2021 and YEM 2023 Annual Reviews Water Management Plan (v2.8)	Water licences held by Bloomfield are described in the Water Management Plan and Annual Reviews for the audit period. These licences include WAL41500, WAL41555, WAL40777, and 20BL170864.	Necessary water licences have been obtained for the project.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 14D	The Applicant must ensure that it has sufficient water for all stages of the project, and if necessary, adjust the scale of mining operations to match its available water supply, to the satisfaction of the Secretary.	Compliant		Water Management Plan (v2.8) 2020, 2021 and YEM 2023 Annual Reviews Audit interviews RCM Continuation of Mining Project EIS (dated 26/10/2015)	Refer to evidence provided for SSD 6300 Condition B29.	There was sufficient water supply for operations at Rix's Creek South during the audit period. Furthermore, predictive water balance modelling for the operation was undertaken as part of the RCM Continuation of Mining Project EIS. This modelling shows that there is predicted to be sufficient water for all future stages of the development.	
Schedule 2, Condition 14E	The Applicant must ensure that all surface water discharges from the site comply with the: (i); discharge limits (both volume and quality) set for the project in any EPL; or (ii); relevant provisions of the POEO Act or Protection of the Environment Operations (Hunter River Salinity Trading Scheme) Regulation 2002.	Non-compliant	Low	2020, 2021 and YEM 2023 Annual Reviews Water Management Plan (v2.8) Site inspection Audit interviews	Refer to evidence provided for SSD 6300 Condition B36.	Surface water was discharged from site during the audit period on multiple occasions without relevant approvals in place to allow for discharge. Temporary controls have been implemented to prevent reoccurrence.	Refer to the action provided for SSD 6300 Condition B36.
Schedule 2, Condition 15	The Applicant must prepare a Water Management Plan for the development to the satisfaction of the Secretary. This Plan must: (i); be prepared in consultation with DPI Water by a suitably qualified expert whose appointment has been approved by the Secretary; (ii); be submitted to the Secretary by 31 March 2010; and (iii); include: • a site water balance for the development, which includes details of sources and security of water supply, on site water use and management and off site water transfers and investigates and describes measures to minimise water use by the development. • details on the diversion of Rix's Creek, including updates on monitoring and rehabilitation; • a surface water monitoring program with: ➢ detailed baseline data of surface water flows and quality in the watercourses that could be affected by the development; ➢ surface water impact assessment criteria, including trigger levels for investigating potentially adverse surface water impacts of the development; ➢ a program to monitor surface water flows and quality in the watercourse that could be affected by the development. • a groundwater monitoring program with: ➢ detailed baseline data of groundwater levels, yield and quality in the region, and privately owned groundwater bores, which could be affected by the development; ➢ groundwater impact assessment criteria, including trigger levels for investigating any potentially adverse groundwater impacts of the development; and	Compliant		Water Management Plan (v2.8) Audit Interviews DPE Water Management Plan approval letter 15/03/2021 Surface water monitoring data (2020-2023). Including COC spreadsheets.	Refer to evidence provided for SSD 6300 Condition B41.	A Water Management Plan has been prepared for the development and approved by DPE. The content of the management plan generally addresses the requirements of this condition.	Improvement opportunity: Consider updating the water balance model.

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	<ul style="list-style-type: none"> <li>➤ a program to monitor:               <ul style="list-style-type: none"> <li>o groundwater inflows to the open cut mining operations; and</li> <li>o impacts of the development on the region's aquifers, any groundwater bores, and surrounding watercourses, including monitoring to the western boundary of the mine lease ; and</li> </ul> </li> <li>• a surface and groundwater response plan which describes the measures and/or procedures that would be implemented to:               <ul style="list-style-type: none"> <li>➤ respond to any exceedances of the surface water and groundwater assessment criteria;</li> <li>➤ offset the loss of any baseflow to the surrounding watercourse and/or associated creeks caused by the development;</li> <li>➤ compensate landowners of privately-owned land whose water supply is adversely affected by the development; and</li> <li>➤ mitigate and/or offset any adverse impacts on groundwater dependent ecosystems or riparian vegetation.</li> </ul> </li> </ul>						
Schedule 2, Condition 15A	The Applicant must prepare an Erosion and Sediment Control Plan. This Plan must: <ul style="list-style-type: none"> <li>(i); be consistent with the requirements of the Managing Urban Stormwater: Soils and Construction Manual (Landcom 2004, or its latest version);</li> <li>(ii); identify activities that could cause soil erosion and generate sediment;</li> <li>(iii); describe measures to minimise soil erosion and the potential for transport of sediment to downstream waters;</li> <li>(iv); describe the location, function, and capacity of erosion and sediment control structures; and</li> <li>(v); describe what measures would be implemented to monitor and maintain the structures over time.</li> </ul>	Compliant		Water Management Plan (v2.8) Audit Interviews Completed RCS ESC inspection forms. Worker Induction	Refer to evidence provided for SSD 6300 Condition B41.	An Erosion and Sediment Control Plan has been prepared for the development and is included within the Water Management Plan. The content of the Erosion and Sediment Control Plan generally addresses the requirements of this condition.	
Schedule 2, Condition 16	The Applicant must: <ul style="list-style-type: none"> <li>(i); liaise with DPI Water and meet their requirements for the design, construction and maintenance of any diversion of Rix's Creek;</li> <li>(ii); not divert Rix's Creek in the southern mining area;</li> <li>(iii); not mine within 20m of the bank of Rix's Creek in Pit 2 and Pit 3.</li> </ul>	Not Triggered		Audit interviews Site inspection 2020, 2021 and YEM 2023 Annual Reviews	No diversion works of Rix's Creek occurred during the audit period and no mining has occurred within 20m of Rix's Creek.	The requirements of this condition were satisfied during the audit period.	
Schedule 2, Condition 16A	The Applicant must prepare a detailed Landscape Management Plan for the development to the satisfaction of the DRG and the Secretary. This plan must: <ul style="list-style-type: none"> <li>(i); be prepared in consultation with OEH, DPI Water and Singleton Shire Council by suitably qualified expert/s whose appointment/s have been approved by the Secretary;</li> <li>(ii); include a:               <ul style="list-style-type: none"> <li>• Rehabilitation Management Plan to be submitted for approval by the Secretary by 31 March 2010;</li> <li>• Final Void Management Plan to be submitted for approval by the Secretary by 31 December 2011; and</li> <li>• Mine Closure Plan to be submitted for approval by the Secretary by 31 December 2011.</li> </ul> </li> </ul>	Not Applicable		Rehabilitation Management Plan v3 Rix's Creek Rehabilitation Strategy (v2.2)	As per Schedule 2, Condition A24 of SSD 6300, existing management plans approved under DA 49/94 apply until the approval of a similar plan under SSD 6300.  The Rehabilitation Management Plan and Rehabilitation Strategy approved under SSD 6300 are considered similar. As such, this condition is no longer considered relevant.	This condition is no longer applicable.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 16B	The Rehabilitation Management Plan must include: (i); the objectives for rehabilitation of the site of the development; (ii); a description of the short, medium, and long term measures that would be implemented to rehabilitate the development and the remnant vegetation and habitat on the site; (iii); detailed performance and completion criteria for the rehabilitation of the site; (iv); a detailed description of how the performance of the rehabilitation of the mine would be monitored over time to achieve the stated objectives; (v); a detailed description of what measures would be implemented over the next 3 years, including the procedures to be implemented for: <ul style="list-style-type: none"> <li>• minimising and rehabilitating disturbed areas;</li> <li>• protecting vegetation and soil outside the disturbance areas;</li> <li>• undertaking pre-clearance surveys;</li> <li>• managing impacts on fauna;</li> <li>• landscaping the site to minimise visual impacts;</li> <li>• conserving and reusing topsoil;</li> <li>• collecting and propagating seed for rehabilitation works;</li> <li>• salvaging and reusing material from the site for habitat enhancement;</li> <li>• controlling weeds and feral pests;</li> <li>• controlling access; and</li> <li>• bushfire management;</li> </ul> (vi); a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria; (vii); a description of the potential risks to successful rehabilitation and/or revegetation, and a description of the contingency measures that would be implemented to mitigate these risks; and (viii); details of who is responsible for monitoring, reviewing, and implementing the plan.	Not Applicable		Rehabilitation Management Plan v3	As per Schedule 2, Condition A24 of SSD 6300, existing management plans approved under DA 49/94 apply until the approval of a similar plan under SSD 6300.  A Rehabilitation Management Plan was submitted to the Resources Regulator under conditions of SSD 6300 on 23/11/2023. As such, this condition is no longer considered relevant.	This condition is no longer applicable.	
Schedule 2, Condition 16C	The Final Void Management Plan must: (i); incorporate design criteria and specifications for the final void based on verified groundwater modelling predictions and a re-assessment of post-mining groundwater equilibration; (ii); assess the potential interactions between creeks on the site and the final void; and (iii); describe what actions and measures would be implemented to: <ul style="list-style-type: none"> <li>• minimise any potential adverse impacts associated with the final void; and</li> <li>• manage and monitor the potential impacts of the final void.</li> </ul>	Not Applicable		Rehabilitation Management Plan v3	The Rehabilitation Management Plan approved under SSD 6300 addresses the requirements of this plan. As such, this condition is no longer considered relevant.	This condition is no longer applicable.	
Schedule 2, Condition 16D	The Mine Closure Plan must: (i); define the objectives and criteria for mine closure; (ii); investigate options for the future use of the site, including the final void/s (iii); investigate ways to minimise the adverse socio-economic effects associated with mine closure, including reduction in	Not Applicable		Rehabilitation Management Plan v3	The Rehabilitation Management Plan approved under SSD 6300 addresses the requirements of this plan. As such, this condition is no longer considered relevant.	This condition is no longer applicable.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	local employment levels; (iv); describe the measures that would be implemented to minimise or manage the ongoing environmental effects of the development; and (v); describe how the performance of these measures would be monitored over time.						
Schedule 2, Condition 16E	The Applicant must implement the biodiversity offset strategy as outlined in Table 2 and as generally described in the documents listed in condition 1 (vii) of schedule 2 (and shown conceptually in Appendix 2), to the satisfaction of the Secretary.	Not Triggered		Audit interviews	The biodiversity offset strategy relates to the construction of the rail loop and rail spur which did not commence during or prior to the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition 16F	The Applicant must prepare a Biodiversity Management Plan for the rail loop and rail spur as generally described in the documents listed in condition 1 (vii) of schedule 2, to the satisfaction of the Secretary. This plan must: (i); be prepared in consultation with OEH, and be submitted to the Secretary for approval prior to construction of the rail loop and rail spur; (ii); describe how the implementation of the offset strategy would be integrated with the overall rehabilitation of the mine site; (iii); include: • a description of the short, medium, and long term measures that would be implemented to manage: o the offset strategy; and o vegetation and habitat on the site and in the offset areas; • detailed performance and completion criteria for implementation of the offset strategy; • a detailed description of the measures that would be implemented for: o revegetation and regeneration within the disturbance areas and offset areas, including establishment of canopy, sub-canopy (if relevant), understorey and ground strata; o maximising salvage and beneficial use of resources in areas that are to be impacted, including vegetation, fauna habitat and soil; o protecting vegetation and soil outside the disturbance areas; o conserving and reusing topsoil; o undertaking pre-clearance surveys; o managing impacts on fauna; o collecting and propagating seed; o salvaging, transplanting and/or propagating threatened flora and native grassland; o controlling weeds and feral pests; o managing grazing; o controlling access; and o bushfire management; • a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria; • a description of the potential risks to successful revegetation, and a description of the contingency measures that would be implemented to mitigate these risks; and	Not Triggered		Audit interviews	Construction of the rail loop and rail spur has not commenced.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	<ul style="list-style-type: none"> <li>details of who would be responsible for monitoring, reviewing, and implementing the plan.</li> </ul>						
Schedule 2, Condition 16G	<p>The Applicant must prepare a Heritage Management Plan for the rail loop and rail spur as generally described in the documents listed in condition 1 (vii) of schedule 2, to the satisfaction of the Secretary. This plan must:</p> <ul style="list-style-type: none"> <li>(i); be prepared in consultation with OEH, registered Aboriginal parties and the Heritage Council NSW, and be submitted to the Secretary for approval prior to construction of the rail loop and rail spur;</li> <li>(ii); include the following for the management of Aboriginal heritage on site:               <ul style="list-style-type: none"> <li>a plan of management for the disturbance of land associated with the rail loop, rail spur and visual bund; and</li> <li>a program/procedures for:                   <ul style="list-style-type: none"> <li>o salvage, test excavation and/or management of Aboriginal sites and potential archaeological deposits within the project disturbance area;</li> <li>o protection and monitoring of Aboriginal sites outside the project disturbance area;</li> <li>o managing the discovery of any new Aboriginal objects or skeletal remains during the project; and</li> <li>o ongoing consultation and involvement with all registered Aboriginal parties in the conservation and management of Aboriginal cultural heritage on the site, including prior to any</li> </ul> </li> </ul> </li> </ul>	Not Triggered		Audit interviews	Construction of the rail loop and rail spur has not commenced.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	salvage works; and (iii); include the following for the management of historic heritage on site: <ul style="list-style-type: none"> <li>• a plan of management for the disturbance of land associated with the rail loop and rail spur; and</li> <li>• a program/procedures for: <ul style="list-style-type: none"> <li>o avoiding and preserving culturally significant sites where possible;</li> <li>o monitoring, salvage and/or management of historic heritage sites within the project disturbance area; o taking full archival records of historic heritage sites that would be disturbed by the project;</li> <li>o protection and monitoring of heritage items outside the project disturbance area; and</li> <li>o managing the discovery of any new heritage items identified during the project.</li> </ul> </li> </ul>						
Schedule 2, Condition 17A	The Applicant must forthwith upon receipt of a request to purchase land identified as being within the area of affectation defined in the development consent for Rix's Creek Coal Mine of 19 October 1989 and owned by any of: R J Eveleigh Wendy Bowman & G R Elder Estate I H. Bowman Elizabeth S. Bowman Durian Holdings purchase such land. In the event of failure to complete the purchase within six (6) months, clause 17C(iv) below, applies.	Not Triggered		Audit interviews	No requests for acquisition were received during the audit period from the landowners listed under this condition.	This condition was not triggered during the audit period.	
Schedule 2, Condition 17B	Affected Lands other than those defined in the Development Consent of 19 October, 1989 (i); The Applicant must within six (6) months of receipt of a written request from any of the owners of the properties listed in Attachment 1 of this Consent, purchase the whole of the properties. In the event of failure to complete the purchase within six (6) months, clause 17C(iv) below, applies. (ii); Where acquisition has not been sought of a property subject to sub-clause 17B(i) an owner or occupier of a dwelling on the property may request the Applicant to carry out measures at the dwelling to mitigate the impact upon the residence of dust fallout/concentration, noise, and vibration, emanating from the mine in excess of the criteria set out in this Consent. The Applicant must forthwith carry out such measures at its own expense. (iii); In the event that within one (1) month of a request instigated under sub-clause 17B(ii), the Applicant and the owner or occupier cannot agree upon the measures to be carried out, either party may refer the matter to the Community Consultative Committee. The Applicant must forthwith carry out the measures which may be required by the said Committee	Not Triggered		Audit interviews	All additional mitigation requests received for Rix's Creek South were actioned under the conditions of SSD 6300 during the audit period. Refer to evidence provided for SSD 6330 Schedule 2, Condition D2.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 17C	<p>Potentially Affected Lands</p> <p>(i); In the event that the EPA determines that noise from the mining operations at any residence (built or with building approval at the date of this Consent) or more than 25% of any property in the vicinity of Maison Dieu Road is in excess of the relevant noise level design goals set out in clause 10 of this Consent for two (2) consecutive monitoring periods, the Applicant must purchase such property within six (6) months of receipt of a written request from the owner of the affected property.</p> <p>(ii); In the event that the EPA determines that dust from the mining operations increases the dust deposition rate by more than 2 gm/m<sup>2</sup> /month averaged over any six (6) month period, at any residence (built or with building approval at the date of this Consent) or over more than 25% of any property in the vicinity of Maison Dieu Road is the Applicant must purchase such property within six (6) months of receipt of a written request from the owner of the affected property.</p> <p>(iii); In respect of a request to purchase land arising under subclause 17A, 17B, 17C(i) or 17C(ii), the Applicant must pay the owners the acquisition price which must take into account and provide payment for:</p> <p>(iii) (a); a sum not less than the current market value of the owner's interest in the land or part thereof (as the case may be) having regard to the existing use of the land whosoever is the occupier and all improvements thereon immediately prior to the granting of this consent as if the land was unaffected by the development proposal. The provisions of this subclause do not apply to the holder of an authority under the Mining Act, 1992.</p> <p>(iii) (b); the owners reasonable compensation for disturbance allowance and relocation costs within the Local Government Areas of Singleton or Muswellbrook</p> <p>(iii) (c); the owners reasonable costs for obtaining legal advice and expert witnesses for the purposes of determining the acquisition price of the land and the terms upon which it is to be acquired.</p> <p>(iv); In the event that the Applicant and any owner referred to in subclause 17(A) and 17(B)(i) and 17(C) cannot agree within the time limit upon the acquisition price of the land and/or the terms upon which it is to be acquired, then:</p> <p>(iv) (a); either party may refer the matter to the Secretary who must request the President for the time being of the Australian Institute of Valuers and Land Economists to appoint a qualified independent valuer, suitably experienced in compensation issues, who must determine, after consideration of any submissions from the owners and the Applicant, the acquisition price as described and referred to in subclause (iii) herein.</p> <p>(iv) (b); in the event that the independent valuer requires guidance on any contentious legal, planning or other issues, the independent valuer must refer the matter to the Secretary, recommending the appointment of a qualified panel. The Secretary, if satisfied that there is need for a qualified panel,</p>	Not Triggered		Audit interviews	No land was acquired under the conditions of this consent during the audit period.	This condition was not triggered during the audit period.	



Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	<p>must arrange for the constitution of the panel. The panel must consist of:</p> <ol style="list-style-type: none"> <li>1) the appointed independent valuer,</li> <li>2) the Secretary, or her nominee, and/or</li> <li>3) the President of the Law Society of NSW or his nominee.</li> </ol> <p>The qualified panel must on the advice of the valuer determine the issue referred to it and advise the valuer. The panel may recommend to the Secretary to request the Institution of Surveyors (NSW) to appoint an independent surveyor to determine the part of the land to be acquired in relation to the area of affectation which may reasonably be subdivided and acquired having regard to topography, provisions of planning instruments and other associated matters;</p> <p>(iv) (c); The Applicant must bear the costs of any valuation or survey assessment requested by the Secretary in accordance with subclauses (a) and (b) herein</p> <p>(iv) (d); Upon receipt of a valuation arising pursuant to subclauses (a) and (b), the Applicant must offer to acquire the relevant land at a price not less than the said valuation. Should be Applicant's offer to acquire not be accepted by an owner within six (6) months of the date of such offer, the Applicant's obligations to such owner pursuant to this Clause must cease</p> <p>(iv) (e); Upon settlement of the acquisition referred to in this Clause the Applicant must also pay to the owner the costs and compensation assessed pursuant to subclause (iii) herein including the owner's reasonable costs in the event of a subdivision.</p>						
Schedule 2, Condition 18	<p>If the Secretary requires, the Applicant must prepare an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must:</p> <ol style="list-style-type: none"> <li>(i); be submitted to the Secretary for approval;</li> <li>(ii); provide the strategic framework for the environmental management of the project;</li> <li>(iii); identify the statutory approvals that apply to the project;</li> <li>(iv); describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;</li> <li>(v); describe the procedures that would be implemented to: <ul style="list-style-type: none"> <li>• keep the local community and relevant agencies informed about the operation and environmental performance of the project;</li> <li>• receive, handle, respond to, and record complaints;</li> <li>• resolve any disputes that may arise during the course of the project;</li> <li>• respond to any non-compliance; and</li> <li>• respond to emergencies; and</li> </ul> </li> <li>(vi); include: <ul style="list-style-type: none"> <li>• copies of any strategies, plans and programs approved under the conditions of this approval; and</li> <li>• a clear plan depicting all the monitoring required to be carried out under the conditions of this approval.</li> </ul> </li> </ol>	Not Applicable		Environmental Management Strategy v1.3	<p>As per Schedule 2, Condition A24 of SSD 6300, existing management strategies approved under DA 49/94 apply until the approval of a similar strategy under SSD 6300.</p> <p>An Environmental Management Strategy was approved under SSD 6300 on 11/03/2021. As such, this condition is no longer considered relevant.</p>	This condition is no longer applicable.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 18A	The Applicant must ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include: (i);detailed baseline data; (ii); a description of: • the relevant statutory requirements (including any relevant approval, licence or lease conditions); • any relevant limits or performance measures/criteria; and • the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures; (iii); a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria; (iv); a program to monitor and report on the: • impacts and environmental performance of the project; and • effectiveness of any management measures (see (c) above); (v); a contingency plan to manage any unpredicted impacts and their consequences; (vi); a program to investigate and implement ways to improve the environmental performance of the project over time; (vii); a program to regularly review management practices to align with contemporary best practice industry standards; (viii); a protocol for managing and reporting any: • incidents; • complaints; • non-compliances with the conditions of this approval and statutory requirements; and • exceedances of the impact assessment criteria and/or performance criteria; and (ix); a protocol for periodic review of the plan.	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Biodiversity Management Plan (v1.1) Historic Heritage Management Plan (v1.2) Exploration Activities Management Plan (v1.4) Rehabilitation Management Plan (v1.0)	Refer to evidence provided for SSD 6300 Schedule 2, Condition E4.	Review of the relevant management plans required under this consent indicate that they have been prepared in general accordance with the relevant guidelines and included the information outlined under this condition.	
Schedule 2, Condition 18B	Prior to approval of management plans required under Schedule 2, all existing management plans, monitoring programs, strategies, programs, protocols, etc approved as at the date of approval of Modification 8 shall continue to have full force and effect.	Noted				Noted.	
Schedule 2, Condition 18C	With the agreement of the Secretary, the Applicant may combine any strategy, plan or program required by this approval with any similar strategy, plan or program required for Rix's Creek North.	Compliant		Correspondence from DPIE to Bloomfield dated 02/09/2021 and 18/02/2020 Water Management Plan (v2.8) Noise Management Plan (v2.0) Blast Management Plan (v1.9) Biodiversity Management Plan (v1.1) Historic Heritage Management Plan (v1.2) Rehabilitation Management Plan (v1.0) Air Quality and Greenhouse	Refer to evidence provided for SSD 6300 Schedule 2, Condition A21.	With the approval of DPE, several strategies and plans required by this consent were updated and/or combined with strategies and plans required by SSD 6300 and PA 08_0102 in the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
				Gas Management Plan (v1.6)			
Schedule 2, Condition 18D	The Applicant must immediately notify the Secretary (using the contact name, email address and phone number provided by the Department from time to time) 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. This report must include the time and date of the incident, details of the incident, measures implemented to prevent re-occurrence and must identify any non-compliance with this consent.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Incident notifications and reports from Bloomfield to DPE dated 01/03/2023, 12/09/2023, 19/09/2022, 03/05/2022, 07/03/2022, 19/11/2021, 13/07/2021	Refer to evidence provided for SSD 6300 Schedule 2, Condition E7	All incidents were reported in writing to the Department as soon as possible and within 24 hours of becoming aware of the incident.	
Schedule 2, Condition 18E	The Applicant must provide regular reporting on the environmental performance of the project on its website, in accordance with the reporting arrangements in any approved plans or programs of the conditions of this approval.	Compliant		Bloomfield website	Community newsletters have been provided on the Bloomfield website to inform community members of updates to Rix's Creek operations (copies of newsletters sighted on the Bloomfield website).  Monthly monitoring data, Annual Reviews, Independent Environmental Audit reports and environmental assessment reports were sighted on the Bloomfield website.	Regular reporting on the environmental performance of the project has been provided on the Bloomfield website.	
Schedule 2, Condition 18F	Where consultation with any public authority is required by the conditions of this consent, the Applicant must: (a); consult with the relevant public authority prior to submitting the required document to the Secretary for approval; (b); submit evidence of this consultation as part of the relevant document; (c); describe how matters raised by the authority have been addressed and any matters not resolved; and (d); include details of any outstanding issues raised by the authority and an explanation of disagreement between any public authority and the Applicant.	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Biodiversity Management Plan (v1.1) Historic Heritage Management Plan (v1.2) Rehabilitation Management Plan (v1.0)	All management plans required under this consent provide evidence of consultation with identified parties.	Consultation was observed to have occurred where required by the conditions of this consent.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 19	<p>By the end of March each year, or other timing as may be agreed by the Secretary, the Applicant must submit a report to the Department reviewing the environmental performance of the development to the satisfaction of the Secretary. This review must:</p> <p>(i); 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;</p> <p>(ii); 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:</p> <ul style="list-style-type: none"> <li>• relevant statutory requirements, limits or performance measures/criteria;</li> <li>• requirements of any plan or program required under this consent;</li> <li>• monitoring results of previous years; and</li> <li>• relevant predictions in the documents listed in condition 1 of Schedule 2;</li> </ul> <p>(iii); identify any non-compliance over the past calendar year, and describe what actions were (or are being) taken to ensure compliance;</p> <p>(iv); identify any trends in the monitoring data over the life of the development;</p> <p>(v); identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and</p> <p>(vi); describe what measures will be implemented over the current calendar year to improve the environmental performance of the development.</p>	Compliant		2020, 2021 and YEM 2023 Annual Reviews Correspondence from DPE to Bloomfield dated 07/12/2022	<p>Annual reviews were prepared and submitted for the following periods:</p> <ul style="list-style-type: none"> <li>- 1 January to 31 December 2020</li> <li>- 1 January to 31 December 2021</li> <li>- 1 January 2022 to 31 March 2023</li> </ul> <p>Approval from DPE dated 07/12/2022 was sighted for the amendment of the annual review reporting period to align with The Bloomfield Group financial year period. To allow for this change, approval was also granted from DPE for the 2022/23 report to cover an initial 15-month period.</p>	Reports were submitted to the Planning Secretary for 2020, 2021, and the year ending March 2023. These reports were prepared in accordance with the requirements of this condition.	
Schedule 2, Condition 20	The Applicant must observe all requirements of the DRG complaints protocol and refer to complaints received in the Annual Review (Condition 19).	Compliant		2020, 2021 and YEM 2023 Annual reviews.	All Annual Reviews for the audit period contain a collection of community complaints received and actions taken, in accordance with the requirements of this condition.	The requirements of this condition were satisfied during the audit period.	
Schedule 2, Condition 21	<p>The Applicant must operate a Community Consultative Committee (CCC) for the development to the satisfaction of the Secretary. This CCC must be operated in general accordance with the Community Consultative Committee (CCC) Guidelines for State Significant Projects (Department of Planning, 2016, or its latest version).</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>• The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Applicant complies with this consent.</li> <li>• 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.</li> <li>• The Applicant may, with the approval of the Secretary, combine the function of this CCC with the function of other CCCs in the area.</li> </ul>	Compliant		<p>CCC meeting minutes for May and October 2021, 2022 and 2023</p> <p>Annual CCC Report 2021 and 2022</p> <p>2020, 2021 and YEM 2023 Annual Reviews</p> <p>Correspondence from DPE to Bloomfield dated 18/02/2020</p> <p>Correspondence from the CCC Chairperson dated 16/11/2023</p>	Refer to evidence provided for SSD 6300 Schedule 2, Condition A18.	Operation of the Rix's Creek CCC was continued over the audit period in general accordance with the Department's guidelines.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 22	The Applicant must pay to the Council a financial contribution pursuant to Section 94 of the Environmental Planning and Assessment Act 1979 in the amount of \$900.00 per additional employee (as identified within the EIS and Supplementary Document) according to the requirements of the Council's Section 94 Contributions Plan No. 1. The Applicant must pay the contribution to Council within six (6) months of acting upon this consent;	Compliant		2019 Rix's Creek South Mine Independent Environmental Audit Report	Compliance against this condition was assessed during the 2011 Independent Environmental Audit and all requirements were found to have been satisfied.	A financial contribution has been paid in accordance with the requirements of this condition.	
Schedule 2, Condition 23	The Applicant must: (a); The Applicant must provide road deviations adjacent to the highway in accordance with Figure 34 of the EIS to the satisfaction of the RMS and the Council unless a valid Management Plan is in operation. These deviations must be constructed at the Applicant's cost and be constructed to allow two-way traffic movement and to an all weather gravel standard for a design speed of forty (40) kilometres per hour. (b); The Applicant must conduct all closures of the New England Highway for blasting in accordance with the Management Plan included in Appendix 2 of the EIS Supplementary Document to the satisfaction of the RMS and the Council. (c); In the event that the RMS, after consultation with the Applicant and the Council deems that the requirements of the Management Plan are not being met, the Applicant must cease blasting within 500 metres of the highway.	Compliant		Blast Management Plan v1.9 Road Occupancy Licence (1185380)	Blasting was undertaken within 500 m of the New England Highway in accordance with a Road Occupancy Licence for the project and the relevant Blast Management Plan. The New England Highway was closed to traffic in accordance with the Road Occupancy Licence. Review of available documentation indicates Condition 23(a) and (c) have not been triggered during the audit period.	The requirements of this condition were satisfied during the audit period.	
Schedule 2, Condition 24	The Applicant must liaise with the Council in regard to the future closure/relocation of Middle Fallbrook Road in order to provide an alternative road link and proceed to construct such alternative road link as required, in conjunction with potential alternative road link to be provided by other mines to the north of the development. Any relocation must be designed and constructed to the Council's bitumen sealed rural roads standard.	Not Triggered		2019 Rix's Creek South Mine Independent Environmental Audit Report	The 2007 IEA identified compliance with this condition, and this is no longer applicable.	This condition was not triggered during the audit period.	
Schedule 2, Condition 25	In the event that the Applicant and the Council or a Government body other than the Department, cannot agree on the specification or requirements applicable under this consent, other than in subclause 17C(iv), the matter shall be referred by either party to the Secretary or if not resolved, to the Minister, whose determination of the disagreement shall be final and binding on the parties.	Not Triggered		Audit interviews	After review of documentation and discussion with Bloomfield personnel, no disputes were identified during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition 26	By the end of December 2016, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant must commission, commence and pay the full cost of an Independent Environmental Audit of the development. This audit must: (i); be conducted by a suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; (ii); include consultation with the relevant agencies; (iii); assess the environmental performance of the development and assess whether it is complying with the requirements in this consent and any relevant EPL or Mining Lease (including any assessment, plan or program required	Compliant		Rix's Creek South Mine Independent Environmental Audit 2020 report	Refer to evidence provided for SSD 6300 Schedule 2, Condition E10.	The 2020 Independent Environmental Audit was completed within the required timeframe and undertaken in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
	under these approvals; (iv); review the adequacy of strategies, plans or programs required under the abovementioned approvals; (v); recommend appropriate measures or actions to improve the environmental performance of the development, and/or any assessment, strategy, plan or program required under the abovementioned approvals; and (vi); be conducted and reported to the satisfaction of the Secretary.						
Schedule 2, Condition 26A	Within 12 weeks of commencing each audit, unless the Secretary agrees otherwise, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report, and a timetable for the implementation of any measures proposed to address the recommendations.	Compliant		Letter from Bloomfield to DPIE dated 15 December 2020 (ref 1200 EGOVR:CK) Rix's Creek South Mine Independent Environmental Audit 2020 report 2020, 2021 and YEM 2023 Annual Reviews	Refer to evidence provided for SSD 6300 Schedule 2, Condition E11.	The 2020 Independent Environmental Audit report was submitted to the Planning Secretary with a response to recommendations and a timetable for implementation.	
Schedule 2, Condition 27	The Applicant must: (i); minimise and monitor the waste generated by the project; and (ii); ensure that the waste generated by the project is appropriately stored, handled, and disposed of; (iii); manage on-site sewage treatment and disposal in accordance with the requirements of Council; and (iv); report on waste management and minimisation in the annual review, to the satisfaction of the Secretary.	Compliant		2020, 2021 and YEM 2023 Annual reviews.	Refer to evidence provided for SSD 6300 Schedule 2, Condition B62.	The requirements of this condition were generally satisfied during the audit period.	
Schedule 2, Condition 28	Within 3 months of: (i); the submission of an incident report under condition 18D above; (ii); the submission of an audit report under condition 26A above; (iii); the submission of an Annual Review under condition 19 above; and (iv); the approval of a modification to this consent, the Applicant must review, and if necessary revise, the strategies, plans, and programs required under this approval to the satisfaction of the Secretary. The Applicant must notify the Department in writing of any such review being undertaken. Where this review leads to revisions in any such document, then within 6 weeks of the review the revised document must be submitted for the approval of the Secretary.	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Biodiversity Management Plan (v1.1) Historic Heritage Management Plan (v1.2) Rehabilitation Management Plan (v1.0) 2020, 2021 and YEM 2023 Annual Reviews	A summary of management plan reviews completed is provided in Section 13 of the Annual Reviews.  The following revisions were made during the audit period and submitted to the Planning Secretary for review: Noise Management Plan - 9/12/2020 (v1.9) updated in response to DPIE feedback - 12/5/2021 (v2.0) updated for PA 08_0102 mod 9  Air Quality and Greenhouse Gas Management Plan - 12/5/2021 (v1.6) updated for PA 08_0102 mod 9 and the 2020 Annual Review  Blast Management Plan - 8/12/2020 (v1.8) updated in response to DPIE feedback - 12/5/2021 (v1.9) updated for PA 08_0102 mod 9 and the 2020 Annual Review	The suitability of existing strategies, plans and programs required under this consent was reviewed during the audit period. Where required, these documents were revised and submitted to the Planning Secretary for approval.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
					<p>Water Management Plan - 20/1/2021 (v2.6) updated in response to DPIE feedback and the 2020 Independent Environmental Audit recommendations - 10/3/2021 (v2.7) updated in response to DPIE feedback - 17/5/2021 (v2.8) updated for PA 08_0102 mod 9 and the 2020 Annual Review</p> <p>Biodiversity Management Plan - 4/12/2020 (v1.1) updated in response to DPIE feedback</p> <p>Historic Heritage Management Plan - 9/12/2020 (v1.2) updated in response to DPIE feedback</p> <p>Rehabilitation Management Plan - 29/7/2022 (v2.2) updated in response to DPIE feedback.</p>		
Schedule 2, Condition 29	To ensure the strategies, plans or programs under this consent are updated on a regular basis, and that they incorporate any appropriate mitigation measures to improve the environmental performance of the development, the Applicant may at any time submit revised strategies, plans or programs to the Secretary for approval. With the agreement of the Secretary, the Applicant may also submit any strategy, plan or program required by this consent on a staged basis. The Secretary may approve a revised strategy, plan or program required under this consent, or the staged submission of any of these documents, at any time. With the agreement of the Secretary, the Applicant may revise any strategy, plan or program approved under this consent without consulting with all the parties nominated under the applicable conditions of consent. While any strategy, plan or program may be submitted on a staged basis, the applicant will need to ensure that the operations associated with the development 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.	Compliant		<p>Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Biodiversity Management Plan (v1.1) Historic Heritage Management Plan (v1.2) Rehabilitation Management Plan (v1.0) 2020, 2021 and YEM 2023 Annual Reviews</p>	<p>All management plan revisions completed during the audit period are listed under the evidence review for Condition 28.</p> <p>No plans were submitted on a staged basis during the audit period.</p>	The requirements of this condition were satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-compliance risk rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 30	<p>The Applicant must:</p> <p>(a); make copies of the following publicly available on its website:</p> <ul style="list-style-type: none"> <li>• the documents referred to in condition 1 of Schedule 2;</li> <li>• all current statutory approvals for the project;</li> <li>• all approved strategies, plans and programs required under the conditions of this approval;</li> <li>• the monitoring results of the project, reported in accordance with the specifications in any conditions of this approval, or any approved plans or programs;</li> <li>• a complaints register, which is to be updated on a monthly basis;</li> <li>• minutes of CCC meetings;</li> <li>• the annual reviews over the life of the project;</li> <li>• any independent environmental audit, and the Applicant's response to the recommendations in any audit; and</li> <li>• any other matter required by the Secretary;</li> </ul> <p>(b);keep this information up-to-date, to the satisfaction of the Secretary</p>	Compliant		Bloomfield website	Refer to evidence provided for SSD 6300 Schedule 2, Condition E14.	All required information and documents were sighted and found to be current on the company website.	
Schedule 2, Condition 31	<p>If a land-owner considers the project to be exceeding the relevant criteria in Schedule 2, they may ask the Secretary in writing for an independent review of the impacts of the development on their land. If the Secretary is not satisfied that an independent review is warranted, the Secretary will notify the landowner in writing of that decision, and the reasons for that decision, within 21 days of the request for a review. If the Secretary is satisfied that an independent review is warranted, within 2 months of the Secretary's decision, the Applicant must:</p> <p>(a); commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to:</p> <ul style="list-style-type: none"> <li>• consult with the landowner to determine their concerns;</li> <li>• conduct monitoring to determine whether the development is complying with the relevant criteria in Schedule 2; and</li> <li>• if the development is not complying with that criteria, identify measures that could be implemented to ensure compliance with the relevant criteria; and</li> </ul> <p>(b); give the Secretary and landowner a copy of the independent review; and comply with any written requests made by the Secretary to implement any findings of the review.</p>	Not Triggered		Audit interviews	No requests for independent review were received during the audit period.	This condition was not triggered during the audit period.	



Table 22: SSD 6300 Audit Table

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition A1	In addition to meeting the specific performance measures and criteria established under this consent, the Applicant must implement all reasonable and feasible measures to prevent, and if prevention is not reasonable and feasible, minimise, any material harm to the environment that may result from the construction and operation of the development, and any rehabilitation required under this consent.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Site inspection Audit interviews Incident notifications and reports from Bloomfield to DPE dated 01/03/2023, 12/09/2023, 19/09/2022, 03/05/2022, 07/03/2022, 19/11/2021, 13/07/2021 Tiger Orchid Translocation Management Plan dated 30/08/2023 Land Disturbance Management Procedure dated 08/02/2021	The following reportable incidents were reported within the annual reviews during the audit period: - Six water discharge related events. - Exceedance of the airblast overpressure criteria on one occasion.  Incident reports for the water discharge and airblast overpressure events were reviewed. No evidence of material environmental harm as a result of the events was identified.  No evidence of material environmental harm was found during the site inspection.  Measures beyond that required under the conditions of this consent to prevent and minimise material harm have been implemented by Bloomfield. These measures include additional operational monitoring and internal procedures and plans such as the Tiger Orchid Translocation Management Plan and the Land Disturbance Management Procedure.	Reasonable and feasible measures to prevent and minimise material harm to the environment have been implemented over the audit period.	
Schedule 2, Condition A2	The development may only be carried out: (a); in compliance with the conditions of this consent; (b); in accordance with all written directions of the Planning Secretary; (c); generally in accordance with the EIS and MR (MOD 1); and (d); generally in accordance with the Development Layout.	Non-compliant	Low	2020, 2021 and YEM 2023 Annual Reviews Site inspection Audit interviews Site aerial image dated March 2023	The development has generally been carried out in accordance with the EIS, MR and Development Layout. However, it has not been carried out in compliance with all conditions of this consent. No written directions were received from the Planning Secretary during the audit period.	Non-compliances against the conditions of this consent were identified during the audit.	Refer to actions and recommendations provided for each non-compliance.
Schedule 2, Condition A3	Consistent with the requirements in this consent, the Planning Secretary may make written directions to the Applicant in relation to: (a); the content of any strategy, study, system, plan, program, review, audit, notification, report or correspondence submitted under or otherwise made in relation to this consent, including those that are required to be, and have been, approved by the Planning Secretary; and (b); the implementation of any actions or measures contained in any such document referred to in paragraph (a)	Not Triggered		Audit interviews	No written directions were received from the Planning Secretary during the audit period, aside from requests for further information and feedback provided in relation to submissions made during the audit period. All requests for further information and feedback were actioned by Bloomfield accordingly.	This condition was not triggered during the audit period.	
Schedule 2, Condition A4	The conditions of this consent and directions of the Planning Secretary prevail to the extent of any inconsistency, ambiguity or conflict between them and the document/s listed in condition A2(c). In the event of an inconsistency, ambiguity or conflict between any of the document/s listed in condition A2(c), the most recent document prevails to the extent of the inconsistency, ambiguity or conflict.	Noted				Noted.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition A5	The Applicant must notify the Department in writing at least two weeks prior to: (a); commencing development under this consent (b); commencing mining operations under this consent; (c); undertaking Stage 2, Stage 3 and Stage 4 surface disturbance (refer to the staged biodiversity credit requirements in condition B45); (d); ceasing mining operations (i.e. leading to mine closure); and (e); suspending mining operations (i.e. temporary care and maintenance).	Compliant		Correspondence from DPIE to Bloomfield dated 18/02/2020. 2020, 2021 and YEM 2023 Annual Reviews Audit interviews	Correspondence from DPIE to Bloomfield sighted. The letter confirms notification of commencement of development and mining operations (scheduled for 24 February 2020) sent from Bloomfield to DPIE on 10 February 2020.  The 2020 Annual Review (Section 2) states that: 'the Rix's Creek South Continuation of Mining Project SSD 6300 was commenced on 24 February 2020.'  As reported in the Annual Reviews and confirmed with Bloomfield, no further stages of surface disturbance commenced during the audit period. Furthermore, mining operations were not ceased or suspended during the audit period.	Notification was provided to DPE within the required timeframe prior to commencement of development and mining operations under this consent. Sub conditions (c), (d) and (e) were not triggered during the audit period.	
Schedule 2, Condition A6	If the development is to be further staged, the Department must be notified in writing at least two weeks prior to the commencement of each stage, of the date of commencement and the development to be carried out in that stage.	Not Triggered		Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	No further development stages commenced during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition A7	Mining operations may be carried out on the site, within the approved disturbance area, for a period of 21 years from the date of this consent. Notes: • Under this consent, the Applicant is required to decommission and rehabilitate the site and carry out other requirements in relation to mining operations. Consequently, this consent will continue to apply in all respects other than to permit the carrying out of mining operations until the rehabilitation of the site and other requirements have been carried out to the required standard. • Mining operations and rehabilitation are also regulated under the Mining Act 1992.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Site inspection	Consent is dated 12 October 2019, therefore operations may continue until 12 October 2040.  Mapping in the annual reviews prepared in the audit period shows that mining operations were carried out within the approved disturbance area. This was verified during the site inspection.	The mining operations carried out during the reporting period occurred within the 21-year period following the date of the consent.	
Schedule 2, Condition A8	A maximum of 3.6 million tonnes of ROM coal may be extracted from the site in any calendar year	Compliant		2020, 2021 and YEM 2023 Annual Reviews Rix's Creek South CHPP Raw Data Spreadsheet 2020, 2021, 2022 and 2023 Rix's Creek Production Snapshots	Tonnes extracted were reported in the 2020, 2021 and YEM 2023 Annual Reviews (Section 4): - 2020 recorded 3.1 million tonnes - 2021 recorded 3.0 million tonnes - YEM 2023 recorded 3.4 million tonnes	Less than 3.6 million tonnes of ROM coal was extracted per annum over the audit period.	
Schedule 2, Condition A9	ROM coal from the site may be transferred to Rix's Creek North for processing, stockpiling and transportation	Not Triggered		2020, 2021 and YEM 2023 Annual Reviews Audit interviews	The 2020, 2021 and YEM 2023 Annual Reviews (Section 4) state that: 'Coal that was extracted from both the Rix's Creek North and Rix's Creek South open cut areas was processed at the Rix's Creek South CHPP.'  This was verified with Bloomfield who confirmed that no coal from Rix's Creek South was transferred to Rix's Creek North.	ROM coal from Rix's Creek South was not transferred to Rix's Creek North in the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition A9a	A maximum of 10,000 tonnes of residual coalaceous material may be transferred from the Preston Colliery by road for processing, stockpiling and transportation as described in MR (MOD 1).	Compliant		Loadrite Weight dockets Invoices from J&M Tiedeman Pty Ltd (INV01772, INV01774, INV01760, INV01756, INV01742, INV01742, INV01728, INV01741) 2020, 2021, 2022 and 2023 Rix's Creek Production Snapshots	Less than 10,000 tonnes of coalaceous material was transferred from the Preston Colliery to Rix's Creek South between June and August 2023.	Coalaceous material was transported from Preston Colliery to Rix's Creek South during the reporting period in line with the requirements of this condition.	
Schedule 2, Condition A9b	A maximum of 20,000 tonnes of residual coalaceous material may be transferred from the Bloomfield Colliery by road for processing, stockpiling and transportation as described in MR (MOD 1).	Not Triggered		Audit interviews 2020, 2021, 2022 and 2023 Rix's Creek Production Snapshots	No coalaceous material was transferred from Bloomfield Colliery to Rix's Creek South during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition A10	ROM coal from Rix's Creek North may be transferred to the site for processing, stockpiling and transportation.	Compliant		2020, 2021 and YEM 2023 Annual Reviews	The 2020, 2021 and YEM 2023 Annual Reviews (Section 4) state that: 'Coal that was extracted from both the Rix's Creek North and Rix's Creek South open cut areas was processed at the Rix's Creek South CHPP.'	ROM coal from Rix's Creek North was transferred to Rix's Creek South in the audit period.	
Schedule 2, Condition A11	A maximum of 4.5 million tonnes of ROM coal may be processed on the site in any calendar year.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Rix's Creek South CHPP Raw Data Spreadsheet 2020, 2021, 2022 and 2023 Rix's Creek Production Snapshots	Tonnes of ROM coal processed was reported in the 2020, 2021 and YEM 2023 Annual Reviews (Section 4): - 2020 recorded 4.3 million tonnes - 2021 recorded 3.9 million tonnes - YEM 2023 recorded 5.1 million tonnes over a 15-month period.	Less than 4.5 million tonnes of ROM coal was processed per annum in the audit period.	
Schedule 2, Condition A12	Product coal may only be transported from the site by rail.	Compliant		Audit interviews Site inspection	Bloomfield confirmed that no coal was transported from site by road during the audit period. Use of the Rix's Creek South rail infrastructure was observed during the site inspection. No evidence of transport offsite via other means was observed.	Product coal was only transported by rail from site in the audit period.	
Schedule 2, Condition A13	The Applicant may undertake the development 24 hours a day, 7 days a week. Notes: • For limitations on blasting operations see condition B9. • For limitations on construction hours see condition C1.	Noted		2021 and YEM 2023 Annual Reviews	The 2021 and YEM 2023 Annual Reviews (Section 4) state that: 'Rix's Creek Mine has been operating with regular operations starting Sunday evening 10:30 pm to Friday 10:30 pm... Friday nights 10:30 pm through to Sunday 10:30 pm reduced crews operate to allow mining to continue and product coal to be washed over the weekend.'	Noted.	
Schedule 2, Condition A14	Within three months of commencing development under this consent, or other timeframe agreed by the Planning Secretary, the Applicant must provide to the Department a survey plan of the boundaries of the approved disturbance areas.	Compliant		Rix's Creek South Mine Independent Environmental Audit 2020 report	Compliance against this condition was assessed in the previous 2020 Independent Environmental Audit. It was confirmed that Bloomfield had provided the survey plan to DPIE within three months of commencing development.	The survey plan of boundaries has been provided to DPE.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition A15	<p>Within 12 months of commencing development under this consent, or other timeframe agreed by the Planning Secretary, the Applicant must surrender the existing development consent for Rix's Creek Coal Mine (DA 49/94) in accordance with the EP&amp;A Regulation.</p> <p>Note: This requirement does not extend to the surrender of construction and occupation certificates for existing and proposed building works under the former Part 4A of the EP&amp;A Act or Part 6 of the EP&amp;A Act as applies from 1 September 2018. The surrender should not be necessarily be understood as implying that works legally constructed under a valid consent or approval can no longer be legally maintained or used.</p>	Compliant		<p>Audit interviews</p> <p>Correspondence from Bloomfield to DPE dated 30/10/2023</p>	<p>Correspondence from Bloomfield to DPE indicates that extensions to the timeframe required to surrender DA 49/94 have been requested and approved.</p> <p>An initial extension request was approved for 24 February 2022. A further extension for another 12 months has been requested.</p> <p>The delay in surrender is a result of slow progress in obtaining landowner consent for the lands under Schedule 1 of DA 49/94.</p> <p>As of 30/10/2023, a total of 82 of the 106 properties had landowners consent, with 23 of the 24 remaining properties held by NSW State and Local Government Authorities.</p>	DA 49/94 has not yet been surrendered however extension of the timeframe required to surrender the consent has been requested.	
Schedule 2, Condition A16	<p>Upon the commencing development under this consent, and before the surrender of the existing development consent required under condition A15, the conditions of this consent prevail to the extent of any inconsistency with the conditions of DA 49/94</p>	Noted				Noted.	
Schedule 2, Condition A17	<p>Within six months of commencing development under this consent, or other timeframe agreed by the Planning Secretary, the Applicant must enter into a PA with the Council in accordance with:</p> <p>(a); Division 7.1 of Part 7 of the EP&amp;A Act; and</p> <p>(b); the terms of the offer in Appendix 8.</p>	Compliant		<p>Voluntary planning agreement 10788344_2 (dated 30 November 2020)</p> <p>Correspondence from DPE to Bloomfield dated 10/03/2020, 18/08/2020 and 02/10/2020</p> <p>Correspondence from Bloomfield to DPE dated 09/03/2020, 09/07/2020 and 31/08/2020</p>	<p>A voluntary planning agreement between Bloomfield Collieries and Singleton Council was signed on 30 November 2020 (nine months after commencement).</p> <p>Two extensions of time to 31/08/2020 and 31/12/2020 were approved by DPE to finalise the voluntary planning agreement.</p> <p>The agreement provides for monetary contribution of two equal payments to the amount described in Appendix 8 of this consent.</p>	The applicant has entered into a PA with the Singleton Council within a timeframe agreed by the Planning Secretary.	
Schedule 2, Condition A18	<p>The Applicant must continue operation of the Rix's Creek Community Consultative Committee (CCC) established under DA 49/94 for the development. The CCC must be operated in accordance with the Department's Community Consultative Committee Guidelines: State Significant Projects (2019) during the life of the development, or other timeframe agreed by the Planning Secretary.</p> <p>Notes:</p> <ul style="list-style-type: none"> <li>The CCC is an advisory committee only.</li> <li>In accordance with the Guidelines, the Committee should comprise an independent chair and appropriate representation from the Applicant, Council and the local community.</li> </ul>	Compliant		<p>CCC meeting minutes for May and October 2021, 2022 and 2023</p> <p>Annual CCC Report 2021 and 2022</p> <p>2020, 2021 and YEM 2023 Annual Reviews</p> <p>Correspondence from DPE to Bloomfield dated 18/02/2020</p> <p>Correspondence from the CCC Chairperson dated 16/11/2023</p>	<p>Review of CCC meeting minutes, Annual Reviews and the CCC Annual Reports found the following:</p> <ul style="list-style-type: none"> <li>- CCC meetings were held biannually over the audit period and meeting minutes have been made publicly available on the Bloomfield website.</li> <li>- Committee membership met guideline requirements in terms of representative numbers.</li> <li>- The CCC inspected rehabilitation onsite during the audit period.</li> <li>- No issues with the effectiveness or operation of the committee were reported by the Chairperson in the annual reports during the audit period.</li> </ul> <p>The CCC advised that Bloomfield provide comprehensive presentations to the committee during the biannual meetings.</p>	Operation of the Rix's Creek CCC was continued over the audit period in general accordance with the Department's guidelines.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					DPE provided approval on 18/02/2020 for the consolidation of the existing CCC required by PA 08_0102 and DA 49/94, with that required under SSD 6300.		
Schedule 2, Condition A19	With the approval of the Planning Secretary, the Applicant may combine the CCC required by this consent with any similar CCC required by a consent or approval for any adjoining mine subject to common, shared or related ownership or management.	Compliant		Rix's Creek South Mine Independent Environmental Audit 2020 report Correspondence from DPE to Bloomfield dated 18/02/2020 Annual CCC Report 2021 and 2022	DPE provided approval on 18/02/2020 for the consolidation of the existing CCC required by PA 08_0102 and DA 49/94, with that required under SSD 6300.  No other CCC has been combined under this consent in the audit period.	The CCC required under SSD 6300, DA 49/94 and PA 08_0102 were combined prior to this audit period.	
Schedule 2, Condition A20	Where conditions of this consent require consultation with an identified party, the Applicant must: (a) consult with the relevant party prior to submitting the subject document for approval; and (b) provide details of the consultation undertaken to the Planning Secretary, including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Biodiversity Management Plan (v1.1) Historic Heritage Management Plan (v1.2) Aboriginal Cultural Heritage Management Plan (v1.0) Bushfire Management Plan (v1.2) Exploration Activities Management Plan (v1.4) Rehabilitation Strategy (v2.2) Rehabilitation Management Plan (v1.0) Social Impact Management Plan (v1.0) Coalaceous Material Haulage Management Plan (v1.3)	All management plans required under this consent provide evidence of consultation with identified parties.	Consultation was observed to have occurred where required by the conditions of this consent.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition A21	With the approval of the Planning Secretary, the Applicant may: (a); prepare and submit any strategy, plan or program required by this consent on a staged basis (if a clear description is provided as to the specific stage and scope of the development to which the strategy, plan or program applies, the relationship of the stage to any future stages and the trigger for updating the strategy, plan or program); (b); combine any strategy, plan or program required by this consent (if a clear relationship is demonstrated between the strategies, plans or programs that are proposed to be combined); (c); update any strategy, plan or program required by this consent (to ensure the strategies, plans and programs required under this consent are updated on a regular basis and incorporate additional measures or amendments to improve the environmental performance of the development); and (d); combine any strategy, plan or program required by this consent with any similar strategy, plan or program required by a consent or approval for any adjoining mine subject to common, shared or related ownership or management.	Compliant		Correspondence from DPIE to Bloomfield dated 02/09/2021 and 18/02/2020 Coalaceous Material Haulage Management Plan (v1.3) Exploration Activities Management Plan (v1.4) Water Management Plan (v2.8) Noise Management Plan (v2.0) Blast Management Plan (v1.9) Biodiversity Management Plan (v1.1) Historic Heritage Management Plan (v1.2) Rehabilitation Management Plan (v1.0) Rehabilitation Strategy (v2.2) Air Quality and Greenhouse Gas Management Plan (v1.6) Bushfire Management Plan (v1.2)	Approval has been granted by DPE to combine the following plans and strategies required under SSD 6300, DA 49/94 and PA 08_0102: - Environmental Management Strategy; - Blast Management Plan; - Water Management Plan; - Air Quality and Greenhouse Gas Management Plan; - Noise Management Plan; - Rehabilitation Management Plan; - Bushfire Management Plan; and - Exploration Activities Management Plan.  The following plans and strategies were also updated during the audit period. Evidence of approval of these updates is provided in the relevant plan or strategy. - The Coalaceous Material Haulage Management Plan was updated in 2021, 2022 and 2023. - Exploration Activities Management Plan was updated four times in 2021. - Water Management Plan was updated three times in 2021. - Noise Management Plan was updated twice in the audit period. - Blast Management Plan was updated twice in the audit period. - Biodiversity Management Plan was updated once in the audit period. - Historic Heritage Management Plan was updated once in the audit period. - Rehabilitation Strategy was updated once in the audit period. - Air Quality and Greenhouse Gas Management Plan was updated once in the audit period. - Bushfire Management Plan was updated once in the audit period.  No strategies, plans or programs were prepared and submitted on a staged basis during the audit period.	With the approval of DPE, several strategies and plans required by this consent were updated and/or combined with strategies and plans required by DA 49/94 and PA 08_0102 in the audit period.	
Schedule 2, Condition A22	If the Planning Secretary agrees, a strategy, plan or program may be staged without addressing particular requirements of the relevant condition of this consent if those requirements are not applicable to the particular stage	Not Triggered		Audit interviews	No strategies, plans or programs were prepared and submitted on a staged basis during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition A23	If the Planning Secretary agrees, a strategy, plan or program may be staged or updated without consultation being undertaken with all parties required to be consulted in the relevant condition in this consent.	Not Triggered		Audit interviews	No strategies, plans or programs were staged or updated without required consultation being undertaken during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition A24	The Applicant must continue to apply existing management strategies, plans or monitoring programs approved under DA 49/94, until the approval of a similar plan, strategy or program under this consent.	Compliant		Audit interviews Rix's Creek South Mine Independent Environmental Audit 2020 report	All plans, strategies and programs required under this consent have now been approved and are in place. As per the previous audit report and	The management strategies, plans and monitoring programs approved under DA 49/94 were applied prior	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					confirmation from Bloomfield, the existing management strategies, plans and programs required under DA 49/94 were implemented prior to approval under this consent.	to the approval of an equivalent document under this consent.	
Schedule 2, Condition A25	With the approval of the Planning Secretary, the Applicant may supply overburden material to regional infrastructure developments in the vicinity of the site if the use of such material in those developments is the subject of development consent granted under Part 4 of the EP&A Act, an environmental assessment carried out under Division 5.1 of Part 5 of the EP&A Act, or an approval granted under Division 5.2 of Part 5 of the EP&A Act.	Not Triggered		Audit interviews	No overburden material was supplied to regional infrastructure developments during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition A26	Unless the Applicant and the applicable authority agree otherwise, the Applicant must: (a); repair, or pay the full costs associated with repairing, any public infrastructure that is damaged by carrying out 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.	Not Triggered		Audit interviews	No repairs or relocation of public infrastructure was required during the audit period as a result of the development.	This condition was not triggered during the audit period.	
Schedule 2, Condition A27	All demolition must be carried out in accordance with Australian Standard AS 2601-2001 The Demolition of Structures (Standards Australia, 2001).	Not Triggered		Audit interviews	No demolition works were carried out during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition A28	All new buildings and structures, and any alterations or additions to existing buildings and structures, that are part of the development must be constructed in accordance with: (a); the relevant requirements of the BCA; and (b); any additional requirements of SA NSW where the building or structure is located on land within a declared Mine Subsidence District. Notes: • Under Part 6 of the EP&A Act, the Applicant is required to obtain construction and occupation certificates for the proposed building works. • Part 8 of the EP&A Regulation sets out the requirements for the certification of the development. • The development is located within the Patrick Plains Mine Subsidence District. Under section 21 of the Coal Mine Subsidence Compensation Act 2017, the Applicant is required to obtain the Chief Executive of SA NSW's approval before carrying out certain development in this district.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Site inspection Singleton Council approval 15.2022.73.1 dated 24/02/2023 Manufacturer specification approved by NSW Ministry of Health dated 08/01/2019 Singleton Council inspection report dated 21/12/2022	No construction works occurred in 2020 and 2021.  In the YEM 2023, two new septic tanks and a new female bathhouse and toilet block were installed. Singleton Council approved modification of the RCS Onsite Sewage Management system on the 1/11/2022 and issued On-site Sewage Management System 15.2022.73.1 approval on 24/2/2023. The new facilities and structures were sighted during the site inspection and no visible issues were identified.	All building and structure construction and alternation works that occurred in the audit period were completed in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition A29	All plant and equipment used on site, or to monitor the performance of the development must be: (a); maintained in a proper and efficient condition; and (b); operated in a proper and efficient manner.	Compliant		Audit Interviews Site Inspection Operator statement of competency Pulse Service Schedule dated 27/11/2023 SPRY Haulage Plan for YEM2025	Equipment maintenance tracking and scheduling is managed in the site 'Pulse' system.  Completion of routine equipment servicing was observed at the site Workshop during the inspection. A pre-start inspection of a site light vehicle was also observed.  A statement of competency was sighted for an equipment operator who was undertaking rehabilitation works. The operator was found to have the required competencies and experience to operate the tractor being used in a proper and efficient manner.  Haulage efficiency planning is undertaken as part of annual budget planning. Haulage modelling for YEM2025 was sighted.	Plant and equipment used on site were generally observed to be maintained and operated in a proper and efficient manner.	
Schedule 2, Condition A30	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	Compliant		Worker Induction Package Part 3	Part 3 of the Bloomfield induction package covers site environmental approvals, compliance and worker obligations. This induction is delivered to all employees and contractors.	All employees and contractors are made aware of and are instructed to comply with the conditions of this consent through the site induction process.	
Schedule 2, Condition A31	References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of inclusion (or later update) of the condition.	Noted				Noted	
Schedule 2, Condition A32	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, in respect of ongoing monitoring and management obligations, agree to or require compliance with an updated or revised version of such a guideline, protocol, Standard or policy, or a replacement of them.	Not Triggered		Audit interviews	No directions were received or requests submitted in the audit period to comply with an updated, revised or replacement version of a guideline, protocol, Standard or policy.	This condition was not triggered during the audit period.	
Schedule 2, Condition A33	The Applicant must consult with DPIE – Crown Lands prior to undertaking any development on Crown Land or Crown Roads. Notes: • Under section 265 of the Mining Act 1992, the Applicant is required to enter into a compensation agreement with DPIE – Crown Lands prior to undertaking any mining operations or related activities on Crown land or Crown roads within a mining lease. • Under section 141 of the Mining Act 1992, the Applicant is required to enter into an access arrangement with DPIE – Crown Lands prior to undertaking any prospecting operations on Crown land or Crown roads within an exploration licence.	Not Triggered		Audit interviews	No development was undertaken on Crown Land or Roads during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B1	The Applicant must ensure that the noise generated by the development does not exceed the criteria in Table 1 at any residence on privately-owned land, excluding the noise-affected land referred to in Table 7.	Compliant		Monthly noise monitoring reports from November 2020 to October 2023	The monthly noise monitoring reports prepared by SLR were reviewed. The noise criteria assessment in Section 4.2 of the reports shows there were no exceedances at any location during the audit period.	No noise exceedances were reported within the audit period at any residence on privately-owned land.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B2	Noise generated by the development must be measured in accordance with the relevant requirements and exemptions (including certain meteorological conditions) of the NSW Industrial Noise Policy (EPA, 2000). Appendix 4 sets out the meteorological conditions under which these criteria apply and the requirements for evaluating compliance with these criteria.	Compliant		Monthly noise monitoring reports from November 2020 to October 2023 RCM Noise Management Plan (v2.0)	The following aspects were reviewed in the monthly monitoring reports and Noise Management Plan: - Monitoring locations for collection of representative data - Meteorological conditions appropriate for data collection - Equipment used - Modifications to noise data collected  All SLR noise monitoring reports for the audit period state that night-time Attended Noise Compliance Monitoring was conducted in accordance with Rix's Creek Mine NMP, the NSW Industrial Noise Policy (2000) and requirements as noted in the "Implementation and transitional arrangements for the Noise Policy for Industry (2017).	Noise monitoring is undertaken in accordance with the NSW Industrial Noise Policy (EPA, 2000) and Fact Sheet C of the NSW Noise Policy for Industry (EPA, 2017).	
Schedule 2, Condition B3	The noise criteria in Table 1 do not apply if the Applicant has an agreement with the owner/s of the relevant residence or land to exceed the noise criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	Not Triggered		Audit interviews	The noise criteria in Table 1 was not exceeded during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B4	The Applicant must: (a); take all reasonable steps to minimise all noise from construction and operational activities, including low frequency noise and other audible characteristics, as well as road noise associated with the development; (b); implement reasonable and feasible noise attenuation measures on all plant and equipment that will operate in noise sensitive areas; (c); monitor and record all major equipment use and make this data readily available at the request of the Department or the EPA; (d); operate a comprehensive noise management system that uses a combination of meteorological forecasts, predictive noise modelling and real-time monitoring to guide the day to day planning of mining operations and the implementation of adaptive management both proactive and reactive noise mitigation measures to ensure compliance with the relevant conditions of this consent; (e); record the daily adaptive management measures implemented on the site, including how operations were modified or stopped to comply with the noise criteria in Table 1, and make these records readily available at the request of the Department or the EPA; (f); take all reasonable steps to minimise noise impacts of the development during noise-enhancing meteorological conditions, particularly when the noise criteria in this consent do not apply (see Appendix 4); and (g); carry out regular attended noise monitoring (at least once a month, unless otherwise agreed by the Planning Secretary)	Compliant		Monthly noise monitoring reports from November 2020 to October 2023 RCM Noise Management Plan (v2.0) Site inspection Audit interviews Attended noise monitoring recording sheet dated 05/10/2023 Night time noise monitoring summary sheet dated 12/10/2023 2020, 2021, 2022 and 2023 Complaints registers Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023 Mobile Plant Sound Power Screening Report 2021 Mobile Plant Sound Power Screening Report 2020 Sighted EnvMet and Teledata systems Operational excavator downtime records Sound attenuation maintenance work orders	(a) Proactive and reactive noise management measures are specified within Section 7 of the site Noise Management Plan. These measures were verified during the site inspection including: -Use of the EnvMet predictive modelling system -Bunding/noise barriers around certain areas of the operation -Equipment fitted with noise attenuation controls -Multiple overburden emplacement levels for deeper emplacement during adverse conditions -Cladding on the CHPP -Speed limits in place on Rix's Creek Lane (b) Plant and equipment noise attenuation requirements for site are provided in Section 4.1.1 of the Noise Management Plan. Twenty new haul trucks (Cat 793F) with a lower sound power level have been purchased to replace outdated equipment. Regular sound power testing and maintenance of sound attenuation equipment is carried out. (c) Section 7.1.3 of the Noise Management Plan states that all major equipment is tracked and data documented. It was verified onsite that equipment movements are recorded in the Pulse system. (d) The EnvMet system is used to assess meteorological forecasts and model noise levels from the operation. Data from this system is communicated daily to OCEs and supervisors to	All requirements of this condition were met during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	to determine whether the development is complying with the relevant conditions of this consent.				assist in work planning. Night-time attended noise monitoring is completed daily by a qualified technician to assist in real-time adaptive management of mining operations to manage compliance with noise limits. (e) Section 5.2.5 of the Noise Management Plan states that any adaptive management measures will be recorded. Any actions taken as a result of a complaint during the audit period have been noted in the complaints register including targeted monitoring, shutdown of equipment and change of work plan to a different area of the site. Alterations made to operations as a result of noise are also recorded in the Pulse system. (f) Night-time noise attended monitoring is completed during noise-enhancing meteorological conditions to monitor noise levels. Based on the results of this monitoring or modelling predictions from the EnvMet system, mining operations are adjusted to minimise noise impacts. This has included moving activities to different areas such as deeper within the pit. (g) Monthly noise monitoring reports prepared by SLR from November 2020 to August 2023 were sighted. These reports show regular attended noise monitoring has been completed monthly and results have been assessed against limits specified within this consent. Additionally, Bloomfield also complete nightly attended noise monitoring to monitor compliance.		
Schedule 2, Condition B5	The Applicant must prepare a Noise Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a); be prepared by a suitably qualified and experienced person/s; (b); be prepared in consultation with the EPA; (c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent; (d); describe the measures to be implemented to ensure: (i) compliance with the noise criteria and operating conditions of this consent; (ii) best practice management is being employed; and (iii) noise impacts of the development are minimised during noise-enhancing meteorological conditions, particularly when the noise criteria in this consent do not apply (see <a href="#">Appendix 4</a> ); (e); seek to minimise road traffic noise generated by employee commuter vehicles on public roads; (f); describe the noise management system in detail; (g); describe the fleet attenuation program; and (h); include a monitoring program that: (i) uses a combination of real-time and supplementary	Compliant		RCM Noise Management Plan (v2.0)	A Noise Management Plan has been prepared and implemented for the development. Approval of the current management plan version from DPE (dated 17/06/2021) is provided in Appendix D of the management plan. (a) The plan was prepared by suitably qualified persons with over 60 years combined experience (refer to Section 1 of the management plan). (b) Consultation with the EPA was completed and evidence was provided in Appendix D of the management plan. The EPA did not provide any feedback on the plan. (c) The Noise Management Plan was submitted to DPE on 15 May 2020, within six months of commencement of development. (d) Noise management measures in line with this condition are provided in Section 7 of the plan. (e) Road traffic noise minimisation controls are provided in Section 4.1.3 of the plan. (f) The noise management system is described in Sections 5 and 7 of the plan. (g) The fleet attenuation program is described in	A Noise Management Plan has been prepared for the development, in accordance with the requirements of this condition, and approved by a nominee of the Planning Secretary.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>attended monitoring to evaluate the performance of the development;</p> <p>(ii) includes a program to calibrate and validate the real-time noise monitoring results with the attended monitoring results over time;</p> <p>(iii) adequately supports the noise management system;</p> <p>(iv) includes a protocol for distinguishing noise emissions of the development and Rix's Creek North; and</p> <p>(v) includes a protocol for identifying any noise-related exceedance, incident or non-compliance and for notifying the Department and relevant stakeholders of any such event.</p>				Section 4.1.1 of the plan. (h) Monitoring programs are included in Sections 5 and 6 of the plan. These monitoring programs address the requirements of this condition.		
Schedule 2, Condition B6	The Applicant must implement the Noise Management Plan as approved by the Planning Secretary.	Compliant		<p>Site inspection</p> <p>Audit interviews</p> <p>Monthly noise monitoring reports from November 2020 to October 2023</p> <p>Attended noise monitoring recording sheet dated 05/10/2023</p> <p>Nighttime noise monitoring summary sheet dated 12/10/2023</p> <p>Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023</p> <p>Mobile Plant Sound Power Screening Report 2021</p> <p>Mobile Plant Sound Power Screening Report 2020</p> <p>Sighted EnvMet and Teledata systems</p>	<p>Refer to evidence provided for Condition B4.</p> <p>No noise exceedances were recorded during the audit period.</p>	The Noise Monitoring Plan was implemented during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B7	The Applicant must ensure that blasting on the site does not cause exceedances of the criteria at the locations in Table 2.	Non-compliant	Low	2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews Correspondence from Bloomfield to DPE dated 19/09/2023	All blast monitoring results for the audit period were reviewed against the blast criteria specified under this condition.  One non-compliance of the airblast overpressure limit was recorded on 12/09/2023. A reading of 124.9 dB was recorded at the Wright Residence monitoring point. The blast was released under favourable meteorological conditions with no enhancement shown on the predictive forecast model. Energy from the blast was released against the low wall and in the direction of the Wrights monitor which minimised the overpressure event to within a very localised area. Compliance with overpressure requirements was observed at all other surrounding monitors. The blast process specific to the geological conditions of the Lower Barrett interburden was reviewed as a result of the exceedance. No remediation was required. No further exceedances occurred following this event in the audit period.  Blast controls are implemented to prevent exceedances of the criteria relevant to this condition. Refer to evidence provided for Condition B17.	One exceedance of the airblast overpressure limit was recorded during the audit period. However, this was identified to be a localised event and the blast process specific to the geological conditions of the event site has been reviewed.	No further action required.
Schedule 2, Condition B8	The blasting criteria in Table 2 do not apply if the Applicant has an agreement with the owner/s of the relevant residence or infrastructure to exceed the blasting criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	Compliant		Correspondence from DPIE to Bloomfield dated 26/10/2020	DPE has approved the increase of the ground vibration limit for the approved Cut and Cover Tunnel from 50mm/s to 100mm/s.	The ground vibration limits in Table 2 did not apply at the location of the approved Cut and Cover Tunnel.	
Schedule 2, Condition B9	The Applicant must only carry out blasting on the site between 9 am and 5 pm (Monday to Saturday inclusive). No blasting is allowed on Sundays, public holidays or any other time without the prior written approval of the Planning Secretary.	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews	Blast monitoring reports were reviewed to ensure no blasts were carried out on Sundays, public holidays or outside the approved times. All blasts occurred between 9 am to 5 pm Monday to Saturday.	All blasts within the audit period were found to be compliant with the requirements of this condition.	
Schedule 2, Condition B10	The Applicant may carry out a maximum of: (a);3 single blast events a day; and (b);10 single blast events a week, averaged over a calendar year	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews	Blast monitoring reports were reviewed for the number of blasts completed per day and per week. No more than three blast events were carried out per day and a maximum of 10 blast events occurred per week, averaged over each year in the audit period.	All blasts within the audit period were compliant with the requirements of this condition.	
Schedule 2, Condition B11	Condition B10 does not apply to blasts that generate ground vibration of 0.5 mm/s or less at any residence on privately-owned land, or to blast misfires or blasts required to ensure the safety of the mine, its workers or the general public.	Noted				Noted.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B12	If the Applicant receives a written request from the owner of any privately-owned land within 3 kilometres of any approved open cut mining pit on the site for a property inspection to establish the baseline condition of any buildings and structures on their land, or to have a previous property inspection updated, then within two months of receiving this request the Applicant must: (a); commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to: (i) establish the baseline condition of any buildings and other structures on the land, or update the previous property inspection report; and (ii) identify measures that should be implemented to minimise the potential blasting impacts of the development on these buildings and structures; and (b); give the landowner a copy of the new or updated property inspection report	Not Triggered		Audit interviews	Bloomfield confirmed that there were no written requests for a property inspection within the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B13	If there is a dispute over the selection of the suitably qualified, experienced and independent person, or the Applicant or the landowner disagrees with the findings of the property inspection report, either party may refer the matter to the Planning Secretary for resolution	Not Triggered		Audit interviews	Refer to Condition B12.	This condition was not triggered during the audit period.	
Schedule 2, Condition B14	If the owner of any privately-owned land within 3 kilometres of any approved open cut mining pit on the site or any other landowner where the Planning Secretary is satisfied an investigation is warranted, claims in writing that buildings or structures on their land have been damaged as a result of blasting on the site, then within two months of receiving this written claim the Applicant must: (a); commission a suitably qualified, experienced and independent person, whose appointment is acceptable to both parties to investigate the claim; and (b); give the landowner a copy of the property investigation report.	Not Triggered		Audit interviews	No claims of damage were received during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B15	If this independent property investigation confirms the landowner's claim, and both parties agree with these findings, then the Applicant must repair the damage to the satisfaction of the Planning Secretary.	Not Triggered		Audit interviews	Refer to Condition B14.	This condition was not triggered during the audit period.	
Schedule 2, Condition B16	If there is a dispute over the selection of the suitably qualified, experienced and independent person, or the Applicant or the landowner disagrees with the findings of the independent property investigation, then either party may refer the matter to the Planning Secretary for resolution.	Not Triggered		Audit interviews	Bloomfield confirmed that there were no property inspections completed within the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B17	The Applicant must: (a); take all reasonable steps to: (i) ensure the safety of people and livestock from blasting impacts of the development; (ii) protect public and private infrastructure and property in the vicinity of the site from blasting damage associated with the development; and (iii) minimise the dust and fume emissions of any blasting (b); ensure that blasting on the site does not damage heritage	Compliant		Blast Management Plan (version 1.9) Historic Heritage Management Plan (version 1.2) 2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports Bloomfield website -	(a) Section 4 of the Blast Management Plan details the management measures to minimise the impact of blasting on human safety, livestock, property and public infrastructure. These controls were verified during an audit interview with a site Drill and Blast Engineer: -Blast design is prepared to minimise blast impacts. Blast variables that are managed include shot size, location and height of the blast in the	The requirements of this condition were satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>items, except in accordance with the predictions in the document/s listed in condition A2(c), and develop specific measures to protect heritage items outside the approved disturbance areas from any blasting damage associated with the development;</p> <p>(c); operate a comprehensive blast management system that uses a combination of meteorological forecasts and predictive blast modelling to guide the planning of blasts to minimise blasting impacts;</p> <p>(d); minimise the frequency and duration of any public road closures for blasting, and use all reasonable efforts to avoid road closures during peak traffic periods;</p> <p>(e); operate a suitable system to enable interested members of the public to get up-to-date information on the proposed blasting schedule on the site and any associated public road closures, including notification via SMS message of the blasting schedule and associated road closures for that day and any variations to that schedule and closures;</p> <p>(f); use all reasonable efforts to coordinate the timing of blasting at the site with nearby mines to minimise cumulative blasting impacts; and</p> <p>(g); carry out regular blast monitoring to determine whether the development is complying with the relevant conditions of this consent.</p>			<p>Blasting Information page Site inspection Audit interviews SMS blast notifications dated 14/11/2022 and 26/05/2023 Email blast notifications dated 09/11/2021 and 03/03/2023 Greater Ravensworth blast planning forecast dated 17/09/2021</p>	<p>pit, and explosives type. The explosives type used is matched to the properties of the material to be blasted.</p> <p>-Blasts are postponed if weather conditions are unfavourable.</p> <p>-Relevant neighbours are provided notification of scheduled blasts.</p> <p>(b) Section 4.5 of the Blast Management Plan describes the controls that will be implemented to preserve the heritage Coke Ovens onsite. The Historic Heritage Management Plan also outlines controls for blasting to ensure the protection of historic heritage onsite. No damage occurred to heritage items as a result of blasting in the audit period.</p> <p>(c) The blast management system is described in Section 4.1 of the Blast Management Plan and includes meteorological forecasts and predictive blast modelling. The EnvMet system used for meteorological forecasting and blast modelling (dust and fume) was sighted during the site inspection. The system has the ability to model blast variables including hole diameter, type, charge mass, stemming, k factor, location, date and time. This allows for blast impacts to be minimised in the blast planning stage.</p> <p>(d) A road closure management plan has been developed and is provided in Appendix C of the Blast Management Plan.</p> <p>(e) The site blast public information system is described in Section 4.1.1 of the plan. Details to register for SMS notifications are also provided on the company website. SMS messages sent to members on the notification list were sighted during the site inspection. Blast signage is also in place on the New England Highway and information is displayed prior to close of the highway.</p> <p>(f) The blast management coordination and cumulative protocol is described in Section 4.4 of the Blast Management Plan. Email and SMS blast notifications sent to neighbouring mines were sighted. Greater Ravensworth blast planning forecasts were also sighted.</p> <p>(g) Section 5 of the Blast Management Plan describes the monitoring program. Evidence of the monitoring being completed is provided in the blast monitoring reports for the audit period.</p>		

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B18	The Applicant must not undertake blasting on the site within 500 metres of any public road or any land outside the site not owned by the Applicant, unless the blast generates ground vibration of 0.5 mm/s or less, or the Applicant has: (a); a written agreement with the relevant infrastructure owner or landowner to allow blasting to be carried out closer to the public road or land, and the Applicant has advised the Department in writing of the terms of this agreement; or (b); demonstrated, to the satisfaction of the Planning Secretary, that the blasting can be carried out closer to the public road or land without compromising the safety of people or livestock or damaging the road or other buildings and structures, and updated the Blast Management Plan to include specific mitigation measures to be implemented while blasting is being carried out within 500 metres of the road or land.	Compliant		Correspondence from DPIE to Bloomfield dated 08/02/2020. Correspondence from Bloomfield to DPIE dated 17/12/2019. Road Occupancy Licence (1185380). Compensation agreement with Keith Heuston Pty Ltd	Approval was granted from DPE in February 2020 for blasting to occur within 500m of the New England Highway and a small number of privately owned properties and crown land.  Bloomfield currently holds a Road Occupancy Licence with Roads and Maritime Services to close the New England Highway when blasting is within 500 m of the highway. The Blast Management Plan also outlines the procedure for closing and securing the highway during blasting.  A written agreement is in place with Keith Heuston Pty Ltd to allow Bloomfield full control of the land. There are no buildings or structures on the land.	All required agreements and approvals were in place for blasting that occurred within 500 metres of public roads and land not owned by Bloomfield during the audit period.	
Schedule 2, Condition B19	The Applicant must prepare a Blast Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a); be prepared by a suitably qualified and experienced person/s; (b); be prepared in consultation with the EPA; (c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent; (d); describe the blast management system and the measures that will be implemented to ensure compliance with the blasting criteria and conditions of this consent; (e); include a Blast Fume Management Strategy for: (i) minimising blast fume emissions; (ii) rating and recording blast fume events in accordance with Visual NOx Fume Rating Scale (AEISG, 2011), or equivalent monitoring technique; and (iii) reporting significant blast fume events to the Department and the EPA; (f); include a Road Closure Management Plan for any blasting within 500 metres of a public road, that has been prepared in consultation with relevant roads authorities and includes provisions for: (i) minimising the duration of closures, both on a per event basis and weekly basis; (ii) avoiding peak traffic periods as far as reasonable; and (iii) co-ordinating closures with nearby mines to minimise the cumulative effect of road closures; (g); identify any agreed alternative ground vibration limits for public or private infrastructure in the vicinity of the site (if relevant); (h); include a strategy to manage potential blast interactions with nearby mines; (i); include a strategy to monitor, mitigate and manage the effects of blasting on the Coke Ovens, including:	Non-compliant	Administrative	Blast Management Plan (v1.9) Letter from EPA to Bloomfield dated 26/06/2020.	The site blast management plan was sighted and was confirmed to address the following: (a) Has been prepared and updated by suitably qualified and experienced persons, as listed on the title page of the plan. (b) Evidence of consultation with EPA sighted (letter dated 26/06/2020). The EPA declined to provide input. (c) The management plan was submitted to DPE for approval on 29/06/2020, within six months of commencing development under this consent. (d) The blast management system and management measures are described in Section 4 of the plan. (e) A Blast Fume Management Plan is included in Appendix D of the blast management plan. (f) A Road Closure Plan is included in Appendix C of the blast management plan. However, this plan does not provide measures to minimise the duration of road closures and to avoid peak traffic periods. Section 4.4 of the Blast Management Plan provides measures to coordinate road closures with nearby mines. (g) Exclusions for the New England Highway are detailed in Section 4.1.2 of the plan. (h) A blast management coordination and cumulative protocol is provided in Section 4.4 of the plan. (i) Coke Ovens blasting considerations are provided in Section 4.5 of the plan and in the site heritage plan. (j) A monitoring program is included in Section 5 of the plan.	A Blast Management Plan has been prepared for the development generally in accordance with the requirements of this condition, and has been approved by the Planning Secretary. However, the Road Closure Management Plan requires update to address all requirements of sub condition B19(f).	Update the Road Closure Plan to include provisions for: - minimising the duration of closures, both on a per event basis and weekly basis; and - avoiding peak traffic periods as far as reasonable.

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	(i) undertaking annual dilapidation surveys (or as otherwise agreed with the Planning Secretary) by a suitably qualified structural engineer, the first of which must be undertaken prior to any blasting in the North Pit and the last of which must be undertaken within one year after blasting is completed in the North Pit; (ii) reviewing and establishing final ground vibration criteria and tailoring blast design to comply with these criteria; and (iii) remediating any blasting-related damage to the satisfaction of Council and the Heritage Division; and (j); include a monitoring program for evaluating and reporting on compliance with the relevant conditions of this consent.						
Schedule 2, Condition B20	The Applicant must implement the Blast Management Plan as approved by the Planning Secretary.	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports Bloomfield website - Blasting Information page Site inspection Audit interviews SMS blast message Photos of blast signage	Refer to evidence provided for Condition B17.	The Blast Management Plan was generally implemented during the audit period.	
Schedule 2, Condition B21	The Applicant must ensure that no offensive odours, as defined under the POEO Act, are emitted from the site.	Compliant		2020, 2021, 2022 and 2023 Complaints registers Site inspection Audit interviews	Bloomfield has published complaints records on their website. All reports relating to the audit period have been reviewed. There were no complaints made in relation to odour during the audit period. No offensive odours were detected during the site visit. Low odour biosolids are used for rehabilitation areas close to sensitive receptors. A biosolid stockpile and applied rehabilitation area were inspected during the site visit and no odour was detected in these areas.	Odour from the operation was effectively managed during the audit period.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B22	The Applicant must 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 listed in Table 3 at any residence on privately-owned land, excluding the air quality-affected land referred to in Table 7.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Rix's Creek Air Quality Results Spreadsheet	The annual reviews from the audit period confirm there were no air quality non-compliances against Condition B22 of SSD 6300. Information the Annual Reviews showed that: - Annual average TSP concentrations (as inferred from PM10) did not exceed the impact assessment criteria at monitors representative of residences on privately owned land. - Annual average PM10 concentrations did not exceed the impact assessment criteria at monitors representative of residences on privately-owned land. - All 24-hour average PM10 concentrations above 50 µg/m3 were investigated. The investigations confirmed that Bloomfield had not caused the exceedances. Evidence of reasonable and feasible avoidance and mitigation measures was available. These included water carts, speed limits, and water sprays. - Annual average deposited dust levels did not exceed the impact assessment criteria at monitors representative of residences on privately owned land. - The Annual Reviews recorded times where the data capture for the TEOMs was less than 90% (for example, due to equipment malfunctions). This lowered the data capture and affected the annual averages however the nearby DPE monitoring was considered.	The monitoring has shown that operations have not caused additional exceedances of the criteria at locations representative of residences on privately owned land.	Improvement opportunity: Monthly PM10 and TSP is presented in the Annual Reviews. However, there are no criteria for monthly PM10 and TSP. It is suggested that the plots show 24-hour and annual averages only going forward.
Schedule 2, Condition B23	The air quality criteria in Table 3 do not apply if the Applicant has an agreement with the owner/s of the relevant residence or land to exceed the air quality criteria, and the Applicant has advised the Department in writing of the terms of this agreement.	Not Triggered			No agreements were found for the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B24	Particulate matter emissions generated by the development must not exceed the criteria listed in Table 3 at any occupied residence on mine-owned land (including land owned by another mining company) unless: (a); the tenant and landowner (if the residence is owned by another mining company) have been notified of any health risks associated with such exceedances in accordance with the notification requirements under Part D of this consent; (b); the tenant of any land owned by the Applicant can terminate their tenancy agreement without penalty at any time, subject to giving 14 days notice; (c); air quality monitoring is regularly undertaken to inform the tenant and landowner (if the residence is owned by another mining company) of the likely particulate matter emissions at the residence; and (d); data from this monitoring is presented to the tenant and landowner in an appropriate format for a medical practitioner to assist the tenant and landowner in making informed	Compliant		2020, 2021 and YEM 2023 Annual Reviews Rix's Creek Air Quality Results Spreadsheet	The annual reviews from the audit period confirm there were no air quality non-compliances against Condition B22 of SSD 6300. Letters notifying tenants of potential health risks were reviewed. These letters (26) confirmed the potential exceedances, outlined the 14-day notice period, confirmed the monitoring, and were in a format suitable for a medical practitioner.	The requirements of this condition were satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	decisions on the health risks associated with occupying the property.						
Schedule 2, Condition B25	<p>The Applicant must:</p> <p>(a); take all reasonable steps to:</p> <p>(i) minimise odour, fume and particulate matter (including PM10 and PM2.5) emissions of the development, paying particular attention to minimising wheel-generated haul road emissions;</p> <p>(ii) eliminate or minimise the risk of spontaneous combustion;</p> <p>(iii) improve energy efficiency and reduce greenhouse gas emissions of the development;</p> <p>(iv) minimise any visible off-site air pollution generated by the development; and</p> <p>(v) minimise the extent of potential dust generating surfaces exposed on the site at any given point in time;</p> <p>(b); ensure that all 'non-road' mobile diesel equipment used in undertaking the development includes reasonable and feasible diesel emissions reduction technology;</p> <p>(c); operate a comprehensive air quality management system that uses a combination of meteorological forecasts, predictive air quality modelling and real-time monitoring to guide the day to day planning of mining operations and the implementation of both proactive and reactive air quality mitigation measures to ensure compliance with the relevant conditions of this consent;</p> <p>(d); minimise air quality impacts of the development during adverse meteorological conditions and extraordinary events (see Note c to Table 3 above);</p> <p>(e); minimise air quality impacts of the development on air quality-affected land referred to in Table 7 and Table 8 for as long as the land remains privately owned (i.e. until it is acquired);</p> <p>(f); carry out regular air quality monitoring to determine whether the development is complying with the relevant conditions of this consent; and</p> <p>(g); regularly assess meteorological and air quality monitoring data, and modify operations on the site to ensure compliance with the relevant conditions of this consent</p>	Compliant		<p>Air Quality and Greenhouse Gas Management Plan (v1.6)</p> <p>Site inspection</p> <p>Audit interviews 2020, 2021, 2022 and 2023</p> <p>Complaints registers</p> <p>Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023</p> <p>Operational excavator downtime records</p> <p>SPRY Haulage Plan for YEM2025</p>	<p>Operations at Rix's Creek have been reviewed. The following outcomes were noted:</p> <p>(a)(i) The site inspection did not identify any significant visible emissions to air generated by Rix's Creek. Water trucks were being used for road dust suppression and vehicle speeds were minimised. Watercart fill points were appropriately positioned for efficient access to haul roads.</p> <p>(a)(ii) There was no indication of issues relating to spontaneous combustion (either from the site inspection, interviews or complaints records). As per the Air Quality and Greenhouse Gas Management Plan, coal seams mined at Rix's Creek are not susceptible to spontaneous combustion. Despite this, Bloomfield has in place a Spontaneous Combustion Principal Mining Hazard Management Plan.</p> <p>(a)(iii) Bloomfield has made Improvements to energy efficiency and measures to reduce emissions in the audit period. Lighting across the site was replaced during the audit period with more energy efficient LED lighting. Bloomfield is also in the initial concept phase of the Bridgeman Solar Farm project which is proposed to be constructed on land owned by the mine. Haulage efficiency planning is also undertaken as part of annual budget planning. Haulage modelling for YEM2025 was sighted.</p> <p>(a)(iv) The site inspection did not identify any significant visible emissions to air generated by Rix's Creek.</p> <p>(a)(v) Evidence from the Annual Reviews and field inspection indicated that surface disturbance was generally minimised.</p> <p>(b) Twenty new Cat 793F haul trucks with</p>	The requirements of this condition were satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					<p>improved fuel efficiency were also purchased to replace outdated equipment.</p> <p>(c) The air quality management systems in place at Rix's Creek is consistent with best practice at open cut coal mines in NSW. These systems include a combination of visual triggers, real-time off-site air quality monitoring, alerts, and a trigger action response plan. Approved management plans have been developed and implemented, as observed during the site inspection. There is evidence of training to operators.</p> <p>(d)(e)(f)(g) The following controls listed in the site Air Quality and Greenhouse Gas Management Plan were validated during the site inspection and audit interviews, and address the requirements of this condition:</p> <ul style="list-style-type: none"> <li>- An automatic email alert system is used by the site through the Teledata software to provide early notification of elevated dust levels. Previous email alerts were sighted during the site inspection. Real-time monitoring data in the Teledata system was also sighted during the site inspection.</li> <li>- EnvMet system is used for predictive fume rating, predictive air quality modelling (three-day forecasts) and meteorological forecasting.</li> <li>- Daily communications are sent from the Environment Team to site OCEs and supervisors each morning to advise of the predicted meteorological conditions and air quality forecast for the next three days. These communications allow supervisors to plan work in accordance with the predicted conditions.</li> <li>- Visual in-field dust inspections completed by Environment Team members, OCEs and operators are also used to assess air quality and determine if operational changes are required. If required, activities are changed or put on hold to prevent air quality non-compliances. All changes and shutdowns due to elevated dust levels are recorded in the site Pulse system.</li> <li>- Effective water cart operation, speed limit signage and minimal wheel-generated dust emissions were observed during the site inspection.</li> <li>- Topsoil stockpiles observed during the site inspection had been transported directly from the strip area and had been shaped and seeded to minimise wind erosion.</li> <li>- A total of nine complaints in relation to dust were received during the three-year audit period.</li> </ul>		



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					All complaints were immediately actioned as recorded in the complaints register.		

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B26	The Applicant must prepare an Air Quality and Greenhouse Gas Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: <ul style="list-style-type: none"> <li>(a); be prepared by a suitably qualified and experienced person/s;</li> <li>(b); be prepared in consultation with the EPA;</li> <li>(c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent;</li> <li>(d); describe the measures to be implemented to ensure: <ul style="list-style-type: none"> <li>(i) compliance with the air quality criteria and operating conditions of this consent;</li> <li>(ii) best practice management is being employed (including in respect of minimisation of greenhouse gas emissions from the site and energy efficiency); and</li> <li>(iii) the air quality impacts of the development are minimised during adverse meteorological conditions and extraordinary events;</li> </ul> </li> <li>(e); describe the air quality management system in detail; and</li> <li>(f); include an air quality monitoring program, undertaken in accordance with the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (DEC, 2007), that: <ul style="list-style-type: none"> <li>(i) uses monitors to evaluate the performance of the development against the air quality criteria in this consent and to guide day to day planning of mining operations;</li> <li>(ii) adequately supports the air quality management system; and</li> <li>(iii) includes a protocol for identifying any air quality-related exceedance, incident or non-compliance and for notifying the Department and relevant stakeholders of these events.</li> </ul> </li> </ul>	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6)	The Air Quality and Greenhouse Gas management plan was reviewed: <ul style="list-style-type: none"> <li>(a) The most recent version of the plan has been prepared by suitably qualified and experienced Bloomfield employees.</li> <li>(b) The EPA was consulted for input into the development of the management plan but did not provide input as per correspondence contained in Appendix C of the management plan.</li> <li>(c) The management plan was submitted to DPIE for approval on 27 July 2020, within six months of commencement of development.</li> <li>(d) Air quality and greenhouse gas management measures are provided in Sections 4.3 and 5 of the management plan.</li> <li>(e) The air quality management system is described in Section 5 of the management plan.</li> <li>(f) An air quality monitoring program has been provided in Section 6 of the management plan. The monitoring program addresses the requirements of this condition.</li> </ul>	An Air Quality and Greenhouse Gas Management Plan has been prepared for the development and approved by the Planning Secretary. The content of the plan addresses the requirements of this condition.	
Schedule 2, Condition B27	The Applicant must implement the Air Quality and Greenhouse Gas Management Plan as approved by the Planning Secretary.	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Site inspection Audit interviews 2020, 2021, 2022 and 2023 Complaints registers Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023	Refer to evidence provided for Condition B25.	The Air Quality and Greenhouse Gas Management Plan was implemented during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B28	Prior to commencing mining operations under this consent and for the remaining life of the development, the Applicant must ensure that there is a suitable meteorological station operating in the vicinity of the site that: (a); complies with the requirements in the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (DEC, 2007); (b); is capable of continuous real-time measurement of wind speed, wind direction sigma theta and temperature; and (c); is capable of measuring meteorological conditions in accordance with the NSW Industrial Noise Policy (EPA, 2000),	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Meteorological monitoring data spreadsheet Meteorological Station calibration sheets dated March and September 2021, 2022 and 2023 Correspondence from Bloomfield to DPE dated 10/02/2020 Correspondence from CBased Environmental to Bloomfield dated 20/12/19	Meteorological monitoring for the development is described in Section 6.1.5 of the Air Quality and Greenhouse Gas Management Plan: "One on-site Automatic Weather Station (AWS) is currently located at RCM (see Figure 5) which complies with the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (DEC, 2007) and the NSW Industrial Noise Policy (EPA, 2000). The meteorological station continuously monitors wind speed, wind direction, sigma-theta (the standard deviation of horizontal wind directions), lapse rate, temperature, rainfall, relative humidity and solar radiation." Operation of the meteorological station was verified through review of monitoring data from the station. Calibration records for the audit period and a statement of conformance from CBased Environmental confirm compliance of the station with the requirements of this condition. Correspondence from Bloomfield to DPE confirms the station was operational prior to commencement of mining operations.	The onsite automatic weather station was confirmed to be operational during the audit period and compliant with the requirements of this condition.	
Schedule 2, Condition B29	The Applicant must ensure that it has sufficient water for all stages of the development, and if necessary, adjust the scale of the development to match its available water supply.	Compliant		Water Management Plan (v2.8) 2020, 2021 and YEM 2023 Annual Reviews Audit interviews RCM Continuation of Mining Project EIS (dated 26/10/2015) Pulse Annual Water Flowmeter Data	Section 4.3.2 of the Water Management Plan states that: "The site water balance model results predict that RCM will have a water surplus which is stored on site in surface water storages. The risk of a shortfall of water to meet the daily operational requirements at RCM is low. In the event that extended dry periods or drought lead to a water shortage, RCM may either reduce production to a level to suit water availability or additional water may be sourced from external sources, including additional water allocations or from other mining operations."  Water extraction licences are held by Bloomfield which provide additional water supply if adequate local supply is not available. Forecast groundwater extraction volumes against annual licence allocations are provided in the Water Management Plan (Table 7).  The Continuation of Mining Project EIS found that the proposed water management system has sufficient capacity to service the project during different climatic conditions including wetter than normal, and drier than normal conditions.	There was sufficient water supply for operations at Rix's Creek South during the audit period. Furthermore, predictive water balance modelling for the operation was undertaken as part of the RCM Continuation of Mining Project EIS. This modelling shows that there is predicted to be sufficient water for all future stages of the development.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					As per the annual reviews, the operation had sufficient water supply for all years within the audit period.		
Schedule 2, Condition B30	The Applicant must report on water extracted from the site each year (direct and indirect) in the Annual Review, including water taken under each water licence.	Compliant		2020, 2021 and YEM 2023 Annual Reviews	Water extracted has been reported in the 2020, 2021 and YEM 2023 Annual Reviews within the 'Estimated Sample Static Water Balance' table.  Water take under each water licence was provided in Section 7.4.2 of the 2020 Annual Review and Section 7.4.3 of the 2021 and YEM 2023 Annual Reviews.	The required data was reported in the 2020, 2021 and year ending March 2023 Annual Reviews.	
Schedule 2, Condition B31	Prior to commencing mining operations under this consent, the Applicant must notify owners of licensed privately-owned groundwater bores that are predicted to have a drawdown of greater than 2 metres as a result of the development.	Not Triggered		Water Management Plan (v2.8) RCM Continuation of Mining Project EIS (dated 26/10/2015)	Section 8.2.5 of the Water Management Plan states that: "The RCS EIS predicted that there were no identified groundwater users within the predicted extent of groundwater drawdown which could be potentially impacted by the Project."	No boreholes were predicted to have a drawdown of greater than two metres as a result of the development.	
Schedule 2, Condition B32	The Applicant must provide a compensatory water supply to any landowner of privately-owned land whose rightful water supply is adversely and directly impacted (other than an impact that is minor or negligible) as a result of the development, in consultation with DPIE Water, and to the satisfaction of the Planning Secretary	Not Triggered		Water Management Plan (v2.8) RCM Continuation of Mining Project EIS (dated 26/10/2015) 2020, 2021 and YEM 2023 Annual Reviews	Section 8.2.5 of the Water Management Plan states that: "The RCS EIS predicted that there were no identified groundwater users within the predicted extent of groundwater drawdown which could be potentially impacted by the Project."  Results presented in the 2020, 2021 and YEM 2023 Annual Reviews confirm EIS predictions and show that no negative groundwater quality trends are being driven by mining operations in the area. Furthermore, results show that overall groundwater levels in the shallow regolith and alluvium aquifer systems are relatively stable with fluctuating responses to rainfall and no observable correlation to water levels in the Coal Measures.	No water supply on neighbouring land was adversely and directly impacted as a result of the development in the audit period.	
Schedule 2, Condition B33	The compensatory water supply measures must provide an alternative long term supply of water that is equivalent, in quality and volume, to the loss attributable to the development. Equivalent water supply should be provided (at least on an interim basis) as soon as practicable after the loss is identified, unless otherwise agreed with the landowner.	Not Triggered		Water Management Plan (v2.8) RCM Continuation of Mining Project EIS (dated 26/10/2015) 2020, 2021 and YEM 2023 Annual Reviews	Refer to evidence provided for Condition B32.	No water supply on neighbouring land was adversely and directly impacted as a result of the development in the audit period.	
Schedule 2, Condition B34	If the Applicant and the landowner cannot agree on whether the loss of water is attributed to the development or 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 Planning Secretary for resolution	Noted				Noted.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B35	If the Applicant is unable to provide an alternative long term supply of water, then the Applicant must provide compensation, to the satisfaction of the Planning Secretary.	Not Triggered		Water Management Plan (v2.8) RCM Continuation of Mining Project EIS (dated 26/10/2015) 2020, 2021 and YEM 2023 Annual Reviews	Refer to evidence provided for Condition B32.	No water supply on neighbouring land was adversely and directly impacted as a result of the development in the audit period.	
Schedule 2, Condition B36	The Applicant must ensure that all surface discharges from the site comply with: (a); discharge limits (both volume and quality) set for the development in any EPL; or (b); relevant provisions of the POEO Act or Protection of the Environment Operations (Hunter River Salinity Trading Scheme) Regulation 2002	Non-compliant	Low	2020, 2021 and 2023 Annual Reviews Water Management Plan (v2.8) Site inspection Audit interviews Notification e-mail of environmental incident Underground seepage assessment reports EPA correspondence regarding environmental incidents DPIE seepage incident report	The site Water Management Plan states that the operation is a non-discharge site and that all mine water or sediment laden water must be retained within the site storage system. This was confirmed against EPL3391 which does not allow for discharge of water offsite. As such, there were no authorised discharges over the audit period.  Six unauthorised discharge events occurred during the audit period on 13/07/2021, 12/11/2021, 07/03/2022, 03/05/2022, 12/09/2022 and 22/02/2023. These events were a result of seepage from historic underground coal workings migrating to a containment dam and then into Stonequarry Gully. The seepage migration was detected by Bloomfield through the surface water quality monitoring program. The site Pollution Incident Response Management Plan was activated for these events and notification was provided to DPE and EPA. The seepage site and implemented temporary controls were inspected during the audit site. Sediment fencing has been installed along Stonequarry Gully. A concrete wall has also been constructed along the edge of the containment dam to prevent further runoff into the gully. Water from this dam is pumped 24 hours 7 days a week to other mine water storages to ensure a low water level is maintained. The dam water level is also monitored via a real time monitoring and alert system which was sighted during the inspection. Three production bores are also used to dewater the underground workings.	Surface water was discharged from site during the audit period on multiple occasions without relevant approvals in place to allow for discharge. Temporary controls have been implemented to prevent reoccurrence.	Continue to investigate longer term controls to lower the water level and prevent seepage from the historic underground coal workings.
Schedule 2, Condition B37	The Applicant may receive water from, and transfer water to, neighbouring mines including Rix's Creek North, Integra Underground and/or the Greater Ravensworth Water Access Sharing Scheme	Noted		2020, 2021 and YEM 2023 Annual Reviews Audit interviews	Water transfers between neighbouring mines were reported in the 2020, 2021 and YEM 2023 Annual Reviews in the 'Estimated Sample Static Water Balance' table.  Audit interviews identified that RCM participates in the GRAWTS water sharing system of neighbouring mines.	Water was transferred between Rix's Creek South and neighbouring mines during the audit period.	
Schedule 2, Condition B38	The Applicant may integrate the site water management system with water management for Rix's Creek North.	Noted		Water Management Plan (v2.8)	The site Water Management Plan states that water management across both the RCN and RCS areas have been integrated.	The Rix's Creek South water management system has been integrated with water	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
						management for Rix's Creek North.	
Schedule 2, Condition B39	The Applicant must ensure that the development complies with the performance measures in Table 4.	Compliant		Rix's Creek South Mine Independent Environmental Audit 2020 report 2020, 2021 and YEM 2023 Annual Reviews Site Audit Records of dam/drain maintenance Surface water monitoring data (2020-2023) including COC spreadsheets. Completed RCS ESC inspection forms. Pulse Annual Water Flowmeter Data Worker Induction WOOPD Dams Concept Sizing (GHD, 2022)	The performance measures provided in Table 4 were assessed and found to comply with the requirements of this condition: - Water transfers between neighbouring mines occurred during the audit period. - No fresh water was imported to site. - Results presented in the 2020, 2021 and YEM 2023 Annual Reviews confirm EIS predictions and show that no negative groundwater quality trends are being driven by mining operations in the area. Furthermore, results show that overall groundwater levels in the shallow regolith and alluvium aquifer systems are relatively stable with fluctuating responses to rainfall and no observable correlation to water levels in the Coal Measures. - Drains and culverts were sighted during the site inspection and were found to be well maintained. All creek crossings have been designed with culverts. - Clean water diversions and separation of clean and dirty water was observed onsite. - Adequate freeboard was observed in all site dams and pit voids. - Chemical and hydrocarbon products were suitably stored in bunded areas. - A Riparian Monitoring and Management Program has been developed for Glennies and Station Creek. - The Water Management Plan states that the total on site containment of process water is sufficient to contain an average recurrence interval (ARI) rainfall event of 1 in 100 years. - The only new water management structures constructed at RCS during the audit period were the WOOPD dams which had appropriate design documentation.	Bloomfield has complied with the performance measures provided in Table 4 during the audit period.	
Schedule 2, Condition B40	The performance measures in Table 4 do not apply to water management structures constructed under previous consents.	Noted				Noted.	
Schedule 2, Condition B41	The Applicant must prepare a Water Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a); be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b); be prepared in consultation with DPIE Water and the EPA; (c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent;	Compliant		Water Management Plan (v2.8) Audit Interviews DPE Water Management Plan approval letter 15/03/2021 Surface water monitoring data (2020-2023) including COC spreadsheets.	The Water Management Plan was reviewed against the requirements of this condition: (a) The Water Management Plan was prepared by a suitably qualified and experienced person who was endorsed by the Planning Secretary. Relevant correspondence is provided in Appendix E of the management plan. (b) DPIE Water and the EPA were consulted during development of the plan. Relevant	A Water Management Plan has been prepared for the development and approved by DPE. The content of the management plan generally addresses the requirements of this condition.	Consider updating the site water balance model.

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>(d); describe the measures to be implemented to ensure that the Applicant complies with the water management performance measures (see Table 4);</p> <p>(e); utilise existing data from nearby mines and build on existing monitoring programs, where practicable;</p> <p>(f); include a:</p> <p>(i) Site Water Balance that includes details of:</p> <ul style="list-style-type: none"> <li>• predicted annual inflows to and outflows from the site;</li> <li>• sources and security of water supply for the life of the development (including authorised entitlements and licences);</li> <li>• water storage capacity;</li> <li>• water use and management on the site, including any water transfers or sharing with neighbouring mines;</li> <li>• licensed discharge points and limits; and</li> <li>• reporting procedures, including the annual preparation of an updated site water balance;</li> </ul> <p>(ii) Salt Balance that includes details of:</p> <ul style="list-style-type: none"> <li>• sources of saline material on the site;</li> <li>• saline material and saline water management on the site;</li> <li>• measures to minimise discharge of saline water from the site; and</li> <li>• reporting procedures, including the annual preparation of an updated salt balance;</li> </ul> <p>(iii) Erosion and Sediment Control Plan that:</p> <ul style="list-style-type: none"> <li>• is consistent with the requirements of Managing Urban Stormwater: Soils and Construction - Volume 1: Blue Book (Landcom, 2004) and Volume 2E: Mines and Quarries (DECC, 2008);</li> <li>• identifies activities that could cause soil erosion, generate sediment or affect flooding; NSW Government 19 Rix's Creek South Continuation of Mining Project Department of Planning, Industry and Environment (SSD 6300)</li> <li>• includes a program to review the adequacy of existing flood protection works, and ensure they comply with the relevant performance measures listed in Table 4;</li> <li>• describes measures to minimise soil erosion and the potential for the transport of sediment to downstream waters, and manage flood risk;</li> <li>• describes the location, function, and capacity of erosion and sediment control structures and flood management structures; and</li> <li>• describes what measures would be implemented to maintain (and if necessary decommission) the structures over time;</li> </ul> <p>(iv) Surface Water Management Plan that includes:</p> <ul style="list-style-type: none"> <li>• detailed baseline data on surface water flows and quality of watercourses and/or water bodies potentially impacted by the development, including: <ul style="list-style-type: none"> <li>– stream and riparian vegetation health;</li> <li>– channel stability (geomorphology); and</li> <li>– water supply for other surface water users;</li> </ul> </li> <li>• a detailed description of the surface water management system;</li> </ul>				<p>correspondence is provided in Appendix E of the management plan.</p> <p>(c) The plan was submitted to DPE for approval on 18/8/2020 (within six months of commencement) and was approved by DPE on 15/03/2021. Relevant correspondence is provided in Appendix E of the management plan.</p> <p>(d) Water management measures to be implemented are described in Table 1 and Sections 6.1, 6.2, and 7 of the management plan.</p> <p>(e) Section 4.3.3 of the management plan states that: "Bloomfield will utilise existing data from nearby mines if available and where relevant and practicable to inform other water balance considerations. This data will be used to assess and build on existing monitoring programs if relevant and practicable."</p> <p>(f) All required sub plans have been included including</p> <ul style="list-style-type: none"> <li>- A Site Water Balance is included in Section 4.3 of the Water Management Plan (although requires updating).</li> <li>- A Salt Balance is included in Section 4.4 of the Water Management Plan.</li> <li>- An Erosion and Sediment Control Plan is included in Section 6.1.2 of the Water Management Plan.</li> <li>- A Surface Water Management Plan is included in Section 5 of the Water Management Plan.</li> <li>- A Groundwater Management Plan is included in Section 8 of the Water Management Plan.</li> <li>- A reporting protocol has also been provided in Sections 9.1 and 10 of the management plan.</li> </ul>		

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<ul style="list-style-type: none"> <li>• detailed plans, design objectives and performance criteria for water management infrastructure, including:               <ul style="list-style-type: none"> <li>– any approved creek diversions or restoration works associated with the development;</li> <li>– water run-off diversions and catch drains;</li> <li>– water storages and sediment dams;</li> <li>– emplacement areas;</li> <li>– backfilled pits and any final voids for the development (see also Table 6); and</li> <li>– reinstated drainage networks on rehabilitated areas of the site;</li> </ul> </li> <li>• detailed performance criteria, including trigger levels for identifying and investigating any potentially adverse impacts (or trends) associated with the development, for:               <ul style="list-style-type: none"> <li>– downstream surface water flows and quality;</li> <li>– channel stability;</li> <li>– downstream flooding impacts;</li> <li>– stream and riparian vegetation health;</li> <li>– water supply for other water users; and</li> <li>– post-mining water pollution from rehabilitated areas of the site;</li> </ul> </li> <li>• a program to monitor and evaluate:               <ul style="list-style-type: none"> <li>– compliance with the relevant performance measures listed in Table 4 and the performance criteria in this plan;</li> <li>– controlled and uncontrolled discharges and seepage/leachate from the site;</li> <li>– impacts on water supply for other water users;</li> <li>– surface water inflows, outflows and storage volumes, to inform the Site Water Balance; and</li> <li>– the effectiveness of the surface water management system and the measures in the Erosion and Sediment Control Plan;</li> </ul> </li> <li>• reporting procedures for the results of the monitoring program, including notifying other water users of any elevated results; and</li> <li>• a trigger action response plan to respond to any exceedances of the performance measures or performance criteria, and repair, mitigate and/or offset any adverse surface water impacts of the development;</li> </ul>						

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B42	The Applicant must implement the Water Management Plan as approved by the Planning Secretary.	Compliant		Site inspection Audit interviews 2020, 2021 and YEM 2023 Annual Reviews 2020, 2021, YEM 2023 and YEM 2024 Surface Water Monitoring Reports Erosion and Sediment Control Structure Inspection form dated 15/02/2023 Worker Induction	The following measures listed in the Water Management Plan were observed during the site inspection: - Water inventory was managed across the site water storages. Significant freeboard was observed in dams across site. Bloomfield confirmed that seven new evaporation fans have been purchased to assist in the management of water inventory. - Erosion, sediment and drainage control structures are inspected and maintained regularly. - Separation between clean and dirty water maintained. Clean and dirty water diversions were inspected onsite. - Pumping infrastructure at the Raw Water Dam and Turkey's Nest Haul Road Dam were inspected during the site visit. The infrastructure was confirmed to be operational. - Monitoring completed as per the management plan and results reported in the 2020, 2021, and YEM 2023 Annual Reviews.	The Water Management Plan was implemented during the audit period.	
Schedule 2, Condition B43	The Applicant must retire the biodiversity credits specified in Table 5 below to offset the biodiversity impacts of the development. The retirement of credits must be carried out in consultation with BCD and in accordance with the Biodiversity Offsets Scheme of the BC Act, to the satisfaction of the BCT.	Compliant		Correspondence from Bloomfield to DPIE dated 12/07/2022, 20/07/2023 and 23/08/2023 Correspondence from DPIE to Bloomfield dated 16/09/2022 and 22/09/2023 2020, 2021 and YEM 2023 Annual Reviews Rix's Creek South Mine Independent Environmental Audit 2020 report Audit interviews Site aerial image dated March 2023	Refer to evidence provided for Conditions B44 and B45.	DPE have approved the extension of time to retire Stage 1 credits to 31/03/2024 and no surface disturbance associated with Stage 2, Stage 3 and Stage 4 has commenced.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B44	Within 12 months of commencing mining operations under this consent, or other timeframe agreed by the Planning Secretary, the Applicant must retire the Stage 1 credits as specified in Table 5.	Compliant		Correspondence from Bloomfield to DPIE dated 12/07/2022, 20/07/2023 and 23/08/2023 Correspondence from DPIE to Bloomfield dated 16/09/2022 and 22/09/2023 2020, 2021 and YEM 2023 Annual Reviews Rix's Creek South Mine Independent Environmental Audit 2020 report	Due to delays with the finalisation of the Berwein Stewardship agreement with the BCD, DPIE approved an initial request to extend the timeframe for the retirement of the Stage 1 credits to 22/09/2022. Since this initial request, a further two extension requests were submitted by Bloomfield and approved by DPIE on 16/09/2022 and 22/09/2023. The most recent extension requires Stage 1 credits to be retired by 31/03/2024.  Bloomfield has entered into two Biodiversity Stewardship Agreements (ID numbers BS0028 and BS0087). Bloomfield has retired 98% of the credits required for Stage 1 and is in the process of securing a Biodiversity Stewardship Agreement over the Maison Dieu property to retire the remaining credits. The Biodiversity Stewardship Agreement for the Maison Dieu property has been lodged with the Credit Supply Taskforce and is in the process of being assessed at the time of this audit.	DPE has approved the extension of time to retire Stage 1 credits to 31/03/2024.	
Schedule 2, Condition B45	Prior to the commencement of surface disturbance associated with Stage 2, Stage 3 or Stage 4, or other timeframe agreed by the Planning Secretary, the Applicant must retire the relevant credits for these stages as specified in Table 5	Not Triggered		Audit interviews Site aerial image dated March 2023	No surface disturbance associated with Stage 2, Stage 3 and Stage 4 was undertaken during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B46	With the agreement of the Planning Secretary, the Applicant may adjust the staging of surface disturbance and the associated credit retirements in Table 5. Except in accordance with condition B47, the relevant credits must be retired, prior to the commencement of the associated surface disturbance.	Compliant		Correspondence from Bloomfield to DPIE dated 04/11/2021 Correspondence from DPIE to Bloomfield dated 02/12/2021	Bloomfield submitted a request to adjust the staging of surface disturbance and the associated credit retirements on 04/11/2021. This request was approved by DPIE on 02/12/2021 on the basis that the revisions to the stage areas remain within the same approved project footprint and the total credits required remain unchanged.	The staging of surface disturbance and the associated credit retirements was adjusted during the audit period with the agreement of DPIE.	
Schedule 2, Condition B47	With the agreement of the Planning Secretary, the Applicant may carry over surplus retired credits to satisfy the credit requirements of a later stage. This may occur, for example, where approved clearing for an earlier stage was not undertaken, but the impact has already been offset.	Not Triggered		Audit interviews	No surplus retired credits were carried over during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B48	With the agreement of the Planning Secretary, biodiversity credits associated with any undisturbed areas agreed under condition B47 as not to be subject to any surface disturbance may be removed from the total credit obligations in Table 5.	Not Triggered		Audit interviews	No biodiversity credits were removed from the total credit obligations.	This condition was not triggered during the audit period.	
Schedule 2, Condition B49	Prior to commencing construction of the cut and cover tunnel, the Applicant must ensure that any biodiversity impacts relating to disturbance during construction of the tunnel and the temporary side track road have been offset to the satisfaction of BCD.	Not Triggered		Audit interviews	Construction of the proposed cut and cover tunnel did not commence during the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B50	<p>The Applicant must prepare a Biodiversity Management Plan to the satisfaction of the Planning Secretary. This plan must:</p> <ul style="list-style-type: none"> <li>(a); be prepared by a suitably qualified and experienced person/s;</li> <li>(b); be prepared in consultation with BCD;</li> <li>(c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent;</li> <li>(d); describe the short, medium, and long-term measures to be undertaken to manage vegetation and fauna habitat on the site;</li> <li>(e); describe how biodiversity management would be integrated with similar measures within other management plans, including the Rehabilitation Management Plan referred to in condition B74;</li> <li>(f); include a Biodiversity Offset Strategy that: <ul style="list-style-type: none"> <li>(i) describes how the biodiversity credits in Table 5 (and any required under condition B49) will be identified, secured and retired; and</li> <li>(ii) if adjustments are made to the staging of credit retirements in Table 5 (see condition B46), detail the adjusted stages and associated surface disturbance areas; and</li> </ul> </li> <li>(g); describe the measures to be implemented within the approved disturbance areas to: <ul style="list-style-type: none"> <li>(i) minimise the amount of clearing;</li> <li>(ii) minimise impacts on fauna, including undertaking pre-clearance surveys;</li> <li>(iii) provide for the salvage, transplanting and/or propagation of any threatened flora found during pre-clearance surveys, in accordance with the Guidelines for the Translocation of Threatened Plants in Australia (Vallee et al., 2004); and</li> <li>(iv) maximise the salvage of resources, including tree hollows, vegetation and soil resources, for beneficial reuse, including fauna habitat enhancement;</li> </ul> </li> <li>(h); describe the measures to be implemented on the site to: <ul style="list-style-type: none"> <li>(i) minimise impacts to threatened ecological communities listed under the BC Act and EPBC Act, and contribute to conservation strategies for these communities;</li> <li>(ii) minimise impacts on fauna habitat resources such as hunting and foraging areas, habitat trees, fallen timber and hollow-bearing trees;</li> <li>(iii) enhance the quality of vegetation, vegetation connectivity and wildlife corridors including through the assisted regeneration and/or targeted revegetation of appropriate canopy, sub-canopy, understorey and ground strata;</li> <li>(iv) introduce naturally scarce fauna habitat features such as nest boxes and salvaged tree hollows and promote the use of these introduced habitat features by threatened fauna species, including Squirrel Glider;</li> <li>(v) manage any potential conflicts with Aboriginal heritage values;</li> <li>(vi) protect vegetation and fauna habitat outside of the approved disturbance areas;</li> <li>(vii) manage the collection and propagation of seed from the</li> </ul> </li> </ul>	Compliant		Rix's Creek South Biodiversity Management Plan (v1.1)	<p>The site Biodiversity Management Plan was reviewed against the requirements of this condition:</p> <ul style="list-style-type: none"> <li>(a) The plan was prepared by suitably qualified and experienced persons from Hansen Bailey.</li> <li>(b) The plan was provided to BCD for consultation and comment on 9 July 2020. Feedback was received and incorporated into the plan.</li> <li>(c) The plan was submitted to DPE on 18 August 2020, within six months of development commencement.</li> <li>(d) Management measures are described in Section 6 of the plan.</li> <li>(e) Integration with the Rehabilitation Strategy, Rehabilitation Management Plan and other site management plans is explained throughout Section 6.</li> <li>(f) An offset strategy is included in Section 5 of the plan. The strategy for securing and retiring credits is included.</li> <li>(g) Measures are described in Section 6 of the plan.</li> <li>(h) Measures are described in Section 6 of the plan.</li> <li>(i) A monitoring program is included in Section 7 of the plan.</li> <li>(j) Potential risks and contingency measures are provided in Section 5.4 of the plan.</li> <li>(k) Roles and responsibilities are provided in Section 10 of the plan.</li> </ul>	A Biodiversity Management Plan has been prepared and approved by the Planning Secretary in line with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>local area;</p> <p>(viii) control weeds, including measures to avoid and mitigate the spread of noxious weeds; NSW Government 22 Rix's Creek South Continuation of Mining Project Department of Planning, Industry and Environment (SSD 6300)</p> <p>(ix) control feral pests with consideration of actions identified in relevant threat abatement plans;</p> <p>(x) control erosion;</p> <p>(xi) manage any grazing and agriculture;</p> <p>(xii) control access to vegetated or revegetated areas; and</p> <p>(xiii) manage bushfire hazards</p> <p>(i); include a seasonally-based program to monitor and report on the effectiveness of the above measures, progress against the detailed performance indicators and completion criteria, and improvements that could be implemented to improve biodiversity outcomes;</p> <p>(j); identify the potential risks to the successful implementation of the Biodiversity Offset Strategy, and include a description of the contingency measures to be implemented to mitigate against these risks; and</p> <p>(k); include details of who would be responsible for monitoring, reviewing, and implementing the plan.</p>						

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B51	The Applicant must implement the Biodiversity Management Plan as approved by the Planning Secretary.	Compliant		<p>Site inspection</p> <p>Audit interviews</p> <p>Land Disturbance Management Procedure dated 08/02/2021</p> <p>Western Out of Pit Dump Stage 3 Permit to Disturb dated 12/10/2023</p> <p>Western Out of Pit Dump Expansion Pre-Clearance Habitat Assessment dated 14/08/2023</p> <p>Tiger Orchid Translocation Management Plan dated 30/08/2023</p> <p>2023 Weed control job pack records</p> <p>2020, 2021 and YEM 2023 Annual Reviews</p>	<p>The impact of new disturbance has been minimised and the salvage of resources maximised through the permit to disturb and pre-clearance processes.</p> <p>The disturbance permit and pre-clearance habitat assessment for the Western Out of Pit dump expansion were reviewed. This disturbance permit shows evidence of review against approved disturbance boundaries. Controls have also been specified within the permit for the disturbance activity to minimise impact including pegging of the permit boundary, marking of habitat trees, relocation of identified Tiger Orchid, ecologist to be present during clearing of habitat trees, and salvage of habitat features. Salvaged resources and Tiger Orchids were relocated to biodiversity offset areas which were inspected during the site visit. The pre-clearance habitat assessment for the work was completed by a suitably qualified and experienced ecological consultant from Forest Fauna Surveys. Ecologist recommendations were implemented.</p> <p>The permit to disturb and pre-clearance processes are outlined within the internal site Land Disturbance Management Procedure. Further disturbance management measures are also specified within this procedure.</p> <p>An internal site Tiger Orchid Translocation Management Plan has also been developed to ensure successful translocation.</p> <p>A habitat corridor left undisturbed next to the North Pit rehabilitation area was observed during the site inspection.</p> <p>Evidence of weed control was also sighted during the site inspection. Weed control records have also been provided for the audit period.</p> <p>A review of biodiversity performance and activities undertaken during the audit period has been provided in the 2020, 2021 and YEM 2023 Annual Reviews. This includes evidence of ongoing weed and pest management, as well as rehabilitation monitoring.</p>	The Biodiversity Management Plan was implemented during the audit period.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B52	The Applicant must ensure that the development does not cause any direct or indirect impact on any identified heritage items located outside the approved disturbance area, beyond those predicted in the document/s listed in condition A2(c).	Compliant		Audit Interviews 2020, 2021 and YEM 2023 Annual Reviews Land Disturbance Management Procedure dated 08/02/2021 Aboriginal Cultural Heritage Management Plan (v1.0) Rix's Creek South Historic Heritage Management Plan (v1.2)	No heritage related incidents were reported within the 2020, 2021 and YEM 2023 Annual Reviews.  The Aboriginal Cultural Heritage Management Plan, Historic Heritage Management Plan, internal site Land Disturbance Management procedure and the associated permit to disturb process provide controls to prevent impact of the development to heritage items.	No identified heritage items were impacted during the audit period by the development.	
Schedule 2, Condition B53	If suspected human remains are discovered on the site, then all work surrounding the area must cease, and the area must be secured. The Applicant must immediately notify NSW Police Force and BCD, and work must not recommence in the area until authorised by NSW Police Force and BCD.	Not Triggered		Audit Interviews 2020, 2021 and YEM 2023 Annual Reviews	No suspected human remains were discovered on site during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B54	If any previously unknown Aboriginal object or Aboriginal place is discovered on the site, or suspected to be on the site: (a); all work in the immediate vicinity of the object or place must cease immediately; (b); a 10-metre buffer area around the object or place must be cordoned off; and (c); BCD must be contacted immediately.	Not Triggered		Audit Interviews 2020, 2021 and YEM 2023 Annual Reviews	No new Aboriginal objects or places were discovered onsite during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition B55	Work in the immediate vicinity may only recommence if: (a); the potential Aboriginal object or Aboriginal place is confirmed by BCD, in consultation with the Registered Aboriginal Parties, not to be an Aboriginal object or Aboriginal Place; (b); the Aboriginal Cultural Heritage Management Plan is revised to include the Aboriginal object or Aboriginal place and appropriate measures in respect of it; or (c); the Planning Secretary is satisfied with the measures to be implemented in respect of the Aboriginal object or Aboriginal place and makes a written direction in that regard.	Not Triggered		Audit Interviews 2020, 2021 and YEM 2023 Annual Reviews	Refer to Condition B54.	This condition was not triggered during the audit period.	
Schedule 2, Condition B56	The Applicant must ensure that all known Aboriginal objects or Aboriginal places on the site and within any offset areas are properly recorded, and those records are kept up to date, in the Aboriginal Heritage Information Management System (AHIMS) Register.	Compliant		Aboriginal Cultural Heritage Management Plan (v1.0) Rix's Creek South Mine Independent Environmental Audit 2020 report	A list of all Aboriginal heritage sites is provided in Appendix F of the Aboriginal Cultural Heritage Management Plan. The AHIMS register was sighted in the 2020 Independent Environmental Audit. All known Aboriginal objects and places were found to have been properly recorded in the AHIMS register. No new objects or places have been discovered on site since the previous audit.	All known Aboriginal objects and places are properly recorded in the Aboriginal Heritage Information Management System Register.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B57	The Applicant must prepare an Aboriginal Cultural Heritage Management Plan for the development. The plan must: <ul style="list-style-type: none"> <li>(a); be prepared by suitably qualified and experienced persons;</li> <li>(b); be prepared in consultation with BCD and Registered Aboriginal Parties;</li> <li>(c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent;</li> <li>(d); describe the measures to be implemented on the site to:               <ul style="list-style-type: none"> <li>(i) comply with the heritage-related operating conditions of this consent;</li> <li>(ii) ensure all workers receive suitable Aboriginal cultural heritage inductions prior to carrying out any activities which may cause impacts to Aboriginal objects or Aboriginal places, and that suitable records are kept of these inductions;</li> <li>(iii) protect, monitor and/or manage identified Aboriginal objects and Aboriginal places (including archaeological investigations of potential subsurface objects and salvage of objects within the approved disturbance area (including disturbance associated with the cut and cover tunnel)) in accordance with the commitments made in the document/s listed in condition A2(c);</li> <li>(iv) protect Aboriginal objects and Aboriginal places located outside the approved disturbance area from impacts of the development; NSW Government 23 Rix's Creek South Continuation of Mining Project Department of Planning, Industry and Environment (SSD 6300)</li> <li>(v) manage the discovery of suspected human remains and any new Aboriginal objects or Aboriginal places, including provisions for burials, over the life of the development;</li> <li>(vi) maintain and manage reasonable access for relevant Aboriginal stakeholders to Aboriginal objects and Aboriginal places (outside of the approved disturbance area); and</li> <li>(vii) facilitate ongoing consultation and involvement of Registered Aboriginal Parties in the conservation and management of Aboriginal cultural heritage on the site; and</li> </ul> </li> <li>(e); include a strategy for the care, control and storage of Aboriginal objects salvaged on the site, both during the life of the development and in the long term.</li> </ul>	Compliant		Aboriginal Cultural Heritage Management Plan (v1.0)	The Aboriginal Cultural Heritage Management Plan was reviewed against the requirements of this condition: <ul style="list-style-type: none"> <li>(a) The plan was prepared by suitably qualified and experienced persons from Hansen Bailey and OzArk.</li> <li>(b) The plan was submitted to BCD and registered aboriginal parties for their input. Feedback was incorporated into the plan. Evidence of this consultation is provided in Appendix B and C of the management plan.</li> <li>(c) The plan was submitted to the Planning Secretary for approval on 3 July 2020, within six months of commencing development. Evidence of approval is provided in Appendix D of the management plan.</li> <li>(d) Measures are described in Sections 4 ('Management of Aboriginal Sites External to the Disturbance Boundary'), 5 ('Management of Aboriginal Sites within Disturbance Boundary') and 6 ('Aboriginal Heritage Awareness Training') of the management plan.</li> <li>(e) A strategy for the care, control and storage of Aboriginal objects salvaged onsite is included in Section 5 of the management plan.</li> </ul>	An Aboriginal Cultural Heritage Management Plan has been prepared and approved by the Planning Secretary in line with the requirements of this condition.	
Schedule 2, Condition B58	The Applicant must implement the Aboriginal Cultural Heritage Management Plan approved by the Planning Secretary.	Non-compliant	Administrative	Audit interviews Photo of archaeological site dated 15/11/2023 Correspondence from Bloomfield to DPE dated 17/02/2023 2020, 2021 and YEM 2023 Annual Reviews Western Out of Pit Dump Stage 3 Permit to Disturb dated 12/10/2023 Worker Induction Part 3 2020, 2021, 2022, 2023 and	Evidence of signage and fencing around a heritage site was sighted in accordance with requirements of the Aboriginal Cultural Heritage Management Plan.  A survey to locate and fence the sites identified in Table 6 of the Aboriginal Cultural Heritage Management Plan was conducted on 11/01/2023 using high precision GPS and experienced staff. During the survey all locations were pegged however due to increased rainfall in 2021 and 2022, removal of grazing in some areas and overall increased vegetation cover, no artefacts were able to be located. The requirement to	The Aboriginal Cultural Heritage Management Plan was generally implemented during the audit period, apart from the delivery of Aboriginal Heritage awareness training which did not meet the requirements of the management plan.	Update the worker induction package or develop a new training package to address all training requirements outlined in Section 6 of the Aboriginal Cultural Heritage Management Plan.

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
				YEM 2024 Complaints registers	<p>fence the sites has been temporarily suspended until the artefacts are able to be identified and the works can be completed without damage to the sites. Bloomfield provided notification of this to DPE on 17/02/2023.</p> <p>No archaeological excavations or surveys were undertaken during the audit period. Furthermore, no incidents in relation to Aboriginal heritage were reported during the audit period.</p> <p>The Western Out of Pit Dump Stage 3 Permit to Disturb was sighted and provided evidence that the disturbance area was checked for archaeological sites. It was also stated in the permit that works had been designed to avoid disturbance of archaeological sites.</p> <p>The employee and contractor induction package was reviewed and found to provide general awareness of Aboriginal culture and heritage requirements. However, the induction package did not address all requirements detailed within Section 6 of the Aboriginal Cultural Heritage Management Plan including:</p> <ul style="list-style-type: none"> <li>- Summary of how Aboriginal sites are legally protected in NSW;</li> <li>- Why Aboriginal sites are protected, the significance to the Aboriginal community and the wider community;</li> <li>- What constitutes an Aboriginal site, examples of artefacts and other items; and</li> <li>- Known conserved sites within the Project Boundary.</li> </ul> <p>No complaints were received during the audit period in relation to Aboriginal cultural heritage.</p>		



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B59	<p>The Applicant must prepare a Historic Heritage Management Plan for the development, in respect of all nonaboriginal cultural heritage items, to the satisfaction of the Planning Secretary. This plan must:</p> <ul style="list-style-type: none"> <li>(a); be prepared by a suitably qualified and experienced person/s;</li> <li>(b); be prepared in consultation with the Heritage Branch, Council and relevant landowners and in accordance with the relevant Heritage Branch guidelines;</li> <li>(c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent;</li> <li>(d); describe how historic heritage values of the site would be recorded and preserved;</li> <li>(e); identify all heritage items in the vicinity of the site and include a statement of significance for each item;</li> <li>(f); for the Coke Ovens, describe the measures to: <ul style="list-style-type: none"> <li>(i) minimise impacts of the development and to improve the integrity of the Ovens;</li> <li>(ii) identify if there is any association with the nearby Mound with Historic Material and the Linear Embankment;</li> <li>(iii) ensure full recording of the Ovens;</li> <li>(iv) provide public access; and</li> <li>(v) manage the Ovens over the life of the development and post-mining;</li> </ul> </li> <li>(g); describe the measures to be implemented on the site or within any offset areas to: <ul style="list-style-type: none"> <li>(i) ensure all workers receive suitable heritage inductions prior to carrying out any activities which may cause impacts to historic heritage, and that suitable records are kept of these inductions;</li> <li>(ii) undertake photographic/archival recording of any items of heritage significance predicted to be impacted by the development, prior to disturbance, including the Mound with Historic Material and the Linear Embankment;</li> <li>(iii) protect heritage items located outside the approved disturbance area from unpredicted impacts of the development, disrepair or vandalism (where practicable), including the Coke Ovens and Granbalang Trig Station; and</li> <li>(iv) manage any new heritage items discovered during the life of the development; and</li> </ul> </li> <li>(h); include a strategy for the care, control and storage of relics salvaged from the site.</li> </ul>	Compliant		Rix's Creek South Historic Heritage Management Plan (v1.2)	<p>The Historic Heritage Management Plan was reviewed against the requirements of this condition:</p> <ul style="list-style-type: none"> <li>(a) The plan was prepared by suitably qualified and experienced persons from Hansen Bailey and OzArk.</li> <li>(b) The plan was submitted to the Heritage Branch and Singleton Council for their input. Feedback was incorporated into the plan. Evidence of consultation has been provided in Appendix B of the management plan. There were no relevant landholders that needed to be consulted.</li> <li>(c) The plan was submitted to the Planning Secretary for approval on 21 August 2020, within six months of commencing development. Evidence of approval has been provided in Appendix B of the management plan.</li> <li>(d) The Coke Ovens management measures report provided in Appendix C of the plan describes how the historic heritage values of this site will be preserved.</li> <li>(e) Heritage items and their significance are identified in Section 5 of the plan.</li> <li>(f) Coke oven measures are described in Appendix C of the plan.</li> <li>(g) Other measures are described in Section 7 and Appendix C of the plan.</li> <li>(h) A strategy for the care, control and storage of relics salvaged from the site is provided in Section 7.5 and Appendix C of the plan.</li> </ul>	A Historic Heritage Management Plan has been prepared and approved by the Planning Secretary in line with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B60	The Applicant must implement the Historic Heritage Management Plan as approved by the Planning Secretary.	Compliant		Site inspection 2020, 2021 and YEM 2023 Annual Reviews Western Out of Pit Dump Stage 3 Permit to Disturb dated 12/10/2023 Worker Induction Part 3 2020, 2021, 2022, 2023 and YEM 2024 Complaints registers	<p>Signage and fencing around the Coke Ovens heritage site were observed during the site inspection. Fencing was in good condition with no evidence of unauthorised access.</p> <p>No incidents in relation to historic heritage were reported during the audit period. Furthermore, no new historic heritage items or sites were identified.</p> <p>The Western Out of Pit Dump Stage 3 Permit to Disturb was sighted and provided evidence that the disturbance area was checked for archaeological sites. It was also stated in the permit that works had been designed to avoid disturbance of archaeological sites.</p> <p>The employee and contractor induction package was reviewed and found to provide general awareness of historic heritage. The induction includes details of the historic heritage sites present at Rix's Creek and worker requirements to (1) not enter, disturb, remove, deface or damage historic heritage sites/items, and (2) stop work and report if any items are found.</p> <p>No complaints were received during the audit period in relation to historic heritage.</p> <p>Evidence was sighted to verify that the Coke Oven management measures listed in Table 6 of the management plan have been implemented by the specified due dates including the following:</p> <ul style="list-style-type: none"> <li>- Establishment of the outer buffer</li> <li>- Update of the Conservation Management Plan (which includes updated timeframes for the remaining actions)</li> </ul>	The Historic Heritage Management Plan was implemented during the audit period.	
Schedule 2, Condition B61	The Applicant must: (a); take all reasonable steps to minimise the visual and off-site lighting impacts of the development and shield public views of the development; (b); ensure no fixed outdoor lights shine directly above the horizontal or above the building line or any illuminated structure; (c); ensure no in-pit mobile lighting rigs shine directly above the pit wall and other mobile lighting rigs do not shine directly above the horizontal (except where required for emergency safety purposes); (d); ensure that all external lighting associated with the development complies with relevant Australian Standards including the latest version of Australian Standard AS4282 (INT) 1997 – Control of Obtrusive Effects of Outdoor Lighting;	Compliant		2020, 2021, 2022, 2023 and YEM 2024 Complaints registers Site inspection Audit interviews 2020, 2021, and YEM 2023 Annual Reviews Rix's Creek South Mine Independent Environmental Audit 2020 report Worker Induction Part 3 Offsite Operations Lighting Register Nighttime noise monitoring	<p>Six complaints were received in the audit period in relation to lighting from the operation impacting local residents. In all instances, the lighting plant was redirected, shut down or relocated.</p> <p>The 2020, 2021 and YEM 2023 Annual Reviews state that a maintenance program is ongoing to replace existing older lights with new modern LED lighting that shields and directs light more directly toward the ground rather than outwards. When fixed lighting is installed at Rix's Creek Mine, the external lighting is assessed to comply with Australian Standard 4282: 2019 – Control of Obtrusive Effects of Outdoor Lighting.</p>	The requirements of this condition were satisfied during the audit period and all reasonable steps to minimise the visual and off-site lighting impacts of the development have been implemented.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>(e); implement a landscaping strategy to shield public views of the development that includes a road-side tree planting and maintenance schedule;</p> <p>(f); procedures to notify, consult and implement site-specific mitigation measures at affected privately-owned residences south of Pit 3 near Maison Dieu Road and Dights Crossing Road; and</p> <p>(g); ensure that the visual appearance of all new buildings, structures, facilities or works (including paint colours and specifications) is aimed at blending as far as possible with the surrounding landscape.</p>			summary sheet dated 03/05/2022	<p>Visual tree screens along the New England Highway to shield public views of the development were observed during the site inspection.</p> <p>Disturbance areas visible from Singleton have been or are being rehabilitated as soon as available to minimise visual impact offsite. Rehabilitation of the West Pit south batter was sighted during the site inspection.</p> <p>Nightly operational lighting inspections are completed by an environmental technician and observations are noted on the Rix's Creek night-time noise monitoring summary sheets. The summary sheet from 03/05/2022 was sighted. No offsite lighting issues were recorded on this date.</p> <p>All buildings, structures, facilities and works sighted during the site inspection were found to blend with the surrounding landscape as far as possible.</p> <p>The employee and contractor induction package includes general awareness in regard to offsite impacts of lighting. The induction instructs all personnel to:</p> <ul style="list-style-type: none"> <li>- Consider the site neighbours when locating mobile lighting towers</li> <li>- Direct lights away from residential areas including Singleton</li> <li>- Direct lights away from public roads including the New England Highway</li> </ul> <p>As assessed in the previous 2020 Independent Environmental Audit, the requirements of AS 4282 have been communicated to site personnel.</p>		

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B62	The Applicant must: (a); take all reasonable steps to minimise the waste (including coal rejects) generated by the development; (b); dispose of all waste at appropriately licensed waste facilities; (c); manage on-site sewage treatment and disposal in accordance with the requirements of Council; and (d); monitor and report on the effectiveness of the waste minimisation and management measures in the Annual Review referred to in condition E9.	Compliant		Site inspection Audit Interviews 2020, 2021 and YEM 2023 Annual Reviews EPL 3391 Annual Returns for 2020, 2021 and 2022 Worker Induction Package Part 3 Waste & Recyclables Management Training Presentation and Record List	<p>The YEM 2023 Annual Review states that a colour coded bin system has been rolled out onsite with the introduction of a waste management contractor, to ensure that workers and contractors segregate waste more effectively. A training program was also implemented throughout the workforce to improve waste segregation.</p> <p>The following was sighted during the site inspection:</p> <ul style="list-style-type: none"> <li>- Implementation of the colour coded bin system and correct segregation of waste using this system.</li> <li>- Sufficient number of bins around the operation, particularly in the workshop and warehouse areas.</li> </ul> <p>Co-mingled recycling was introduced onto site via the site contracted waste provider and the initiative has seen segregation and reduction of general waste quantities. Total general waste generated in 2021 was 49,560 kg more than that generated between January 2022 and March 2023. Electronic waste, polypipe, printer cartridges, batteries, plastic wrapping, paper/cardboard, scrap metal and waste oil from the operation are all recycled.</p> <p>The sewage treatment reports provided with EPL 3391 annual returns for the audit period indicate that the sewage treatment system has been managed in accordance with Council requirements. The sewage treatment ponds and effluent irrigation area were sighted during the site inspection and no visible issues were identified.</p> <p>Waste generation and management has been reported in the 2020, 2021 and YEM 2023 Annual Reviews.</p> <p>The induction package provides waste management awareness training to all employees and contractors. The induction content is comprehensive and covers waste minimisation, disposal requirements, waste streams, spill clean-up process, and reporting of waste management issues.</p>	The requirements of this condition were generally satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B63	Except as expressly permitted in an applicable EPL, specific resource recovery order or exemption under the Protection of the Environment Operations (Waste) Regulation 2014, the Applicant must not receive waste at the site for storage, treatment, processing, reprocessing or disposal.	Compliant		EPL 3391 Audit interviews	Condition L2.1 of EPL 3391 allows for the site to receive saline mine water from Integra Coal Mine as well as mulched vegetation, gypsum plasterboard, and biosolids for soil amelioration and amendment.  No wastes, other than those authorised under EPL 3391, were received at the site during the audit period.	The requirements of this condition were satisfied during the audit period.	
Schedule 2, Condition B64	The Applicant must ensure that biosolids used on the site are managed in accordance with the Environmental Guidelines: Use and Disposal of Biosolids Products (EPA, 1997) (or its latest version).	Compliant		Site inspection 2020, 2021 and YEM 2023 Annual Reviews Audit interviews Biosolids pre-application report dated October 2023	2020, 2021 and YEM 2023 Annual Reviews indicate that biosolids were applied to rehabilitation areas across the audit period.  A biosolid storage area and the application of biosolids to rehabilitation were sighted during the site inspection. The storage area inspected was bunded and minimal odour was detected.  The October 2023 Biosolids Pre-Application Report prepared by RRM Organic Recycling shows that the application areas at Rix's Creek have been assessed for their suitability against the NSW EPA Biosolids Guidelines (1997). The report concluded that the sites assessed presented few restrictions, with minimal risk to the environment and public health. Biosolids supplied were classed as 'Restricted Use 2', suitable for use in agriculture and land rehabilitation. Application rates were appropriately calculated.	Biosolids used on the site during the audit period were managed in accordance with the Environmental Guidelines: Use and Disposal of Biosolids Products (EPA, 1997).	
Schedule 2, Condition B65	The Applicant must ensure that the storage, handling, and transport of: (a); dangerous goods is done in accordance with the relevant Australian Standards, particularly AS1940 and AS1596, and the Dangerous Goods Code; and (b); explosives are managed in accordance with the requirements of the Resources Regulator.	Compliant		Site inspection 2020, 2021 and YEM 2023 Annual Reviews Audit interviews Correspondence from Bloomfield to EPA dated 26/10/2021 Hydrocarbon inspection checklist dated 14/06/2022 Explosives Principal Control Plan (v2.6) Hydrocarbon Management Procedure (v1.2) Worker Induction Package Part 4	Annual reviews for the audit period state that a licence is held for the storage and handling of explosives on the site (License number:- XSTR100131).  The annual reviews also report on notifications of hazardous substances that were made during the audit period under Schedule 11 of the Work Health and Safety Regulation.  The ChemAlert system is used to record and track all chemicals and hydrocarbons used onsite, as well as the associated Safety Data Sheets. This system was sighted during the site inspection.  The internal site Hydrocarbon Management Procedure provides the processes and measures to be used for the storage and handling of hydrocarbons onsite, in line with the relevant Australian Standards. All new chemicals brought to site must first be approved by the Group Manager for Environment.	Dangerous goods and explosives have been stored, handled, and transported in accordance with the requirements of this condition.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					<p>Training on hazardous chemical management and the ChemAlert system is provided to all employees and contractors through the induction package.</p> <p>Chemical and hydrocarbon storage was sighted during the site inspection. The following was observed:</p> <ul style="list-style-type: none"> <li>- Covered bunding with sufficient capacity and containment of liquids</li> <li>- Use of self-locking flammable liquid cabinets</li> <li>- Adequate supply of stocked spill kits</li> <li>- Secure storage of gas cylinders</li> <li>- Purpose built, internally bunded shipping containers for hydrocarbon storage</li> <li>- Appropriate dangerous good signage (e.g. flammable liquids, flammable gas, danger no smoking)</li> <li>- Separation of flammable gases and flammable liquids</li> </ul> <p>Further evidence of chemical and hydrocarbon bunding was sighted in photographic evidence provided by Bloomfield in correspondence to the EPA on 26/10/2021.</p> <p>The internal site Explosives Principal Control Plan sets out how explosives are to be managed on site in line with Resource Regulator requirements and the relevant Australian Standards. The site Drill and Blast Engineer was interviewed during the site inspection and confirmed alignment of site practices with the control plan.</p>		

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B66	The Applicant must: (a); ensure that the development: (i) provides for asset protection in accordance with the relevant requirements in the Planning for Bushfire Protection (RFS, 2006) guideline; and (ii) ensure that there is suitable equipment to respond to any fires on the site; and (b); assist the RFS and emergency services to the extent practicable if there is a fire in the vicinity of the site.	Compliant		Bushfire Management Plan (v1.2) Site inspection Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	Section 6 and 7.2 of the Bushfire Management Plan details the asset protection zones for the operation and outlines how vegetation and fire break management will be undertaken to protect these zones. Asset protection zones and fire breaks were sighted during the site inspection and found to be well maintained. Details of asset protection maintenance completed during the audit period have also been provided in the 2020, 2021 and YEM 2023 Annual Reviews.  Section 7.1 of the Bushfire Management Plan outlines the fire fighting equipment available onsite. Some fire fighting equipment including water carts and fire extinguishers were observed during the site inspection. A small grass fire ignited by lighting occurred during the site inspection on 09/11/2023. Appropriate response was initiated and the fire was contained to a small area.  Section 9 of the Bushfire Management Plan outlines the emergency response procedure including procedures for assisting the RFS and emergency services. Bloomfield was requested by the RFS to assist with a fire in the vicinity of the site during the audit period. Bloomfield shutdown mining operations in order to provide assistance to the RFS.	The requirements of this condition were satisfied during the audit period.	
Schedule 2, Condition B67	Prior to commencing mining operations under this consent, the Applicant must prepare a Bushfire Management Plan for the development in consultation with RFS. This plan must include a: (a); contact person and 24-hour contact phone number; (b); schedule and description of proposed bushfire mitigation works, including: (i) location of managed and unmanaged vegetation within the site; (ii) location of water supply; and (iii) internal access roads; (c); plan identifying the location and storage of bulk flammable liquids and materials; (d); 'hot works' management plan, including: (i) circumstances when 'hot works' are limited or prohibited; and (ii) safety measures to be implemented when 'hot works' are being conducted; and (e); emergency/evacuation plan in accordance with the Guidelines for the Preparation of Emergency/Evacuation Plans (RFS) and Australian Standard AS3745 Planning for Emergencies in Facilities.	Non-compliant	Administrative	Bushfire Management Plan (v1.2)	A Bushfire Management Plan has been prepared for the development. The plan was reviewed against the requirements of this condition: (a) A contact person and 24-hour contact number are provided in Section 9.3 of the management plan. (b) Vegetation and fire break management for bushfire mitigation are described in Sections 8 and 7.2 of the plan. However, no schedule is provided for these works. Managed vegetation and access points are provided in Figure 4. Section 9.1.1 states that RFC crews will be escorted by Rix's Creek Mine personnel in the case of an emergency around the internal mine roads and to water sources. A map is not provided as these roads and water sources are regularly changed. (c) Maps showing the location of bulk flammable liquids and materials are provided in Section 5.3.1 of the plan. (d) A hot works management plan is provided in Section 8 of the plan which addresses the requirements of this condition. (e) The site bushfire emergency response plan is	A Bushfire Management Plan has been prepared for the development in consultation with the RFS. However, the management plan does not satisfy all requirements of this condition. Specifically, the plan does not include a schedule of proposed bushfire mitigation works.	Update the Bushfire Management Plan to include a schedule for undertaking proposed bushfire mitigation work including monitoring and maintenance.

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					provided in Section 9 of the plan. The management plan was developed in consultation with the RFS (evidence provided in Appendix 15.4 of the plan).		
Schedule 2, Condition B68	The Applicant must implement the Bushfire Management Plan in consultation with RFS.	Compliant		Site inspection Audit interviews Internal email correspondence from the Environment Department to OCEs and key supervisors dated 15/09/2023 Firebreak maintenance job pack for the 24/12/2020, 15/02/2023 and 26/06/2023	Refer to evidence provided for Condition B66.  Fire danger ratings are communicated daily by the Environment Department to site supervisors and OCEs.  Evidence of firebreak maintenance completed on the 24/12/2020, 15/02/2023 and 26/06/2023 was sighted.	The Bushfire Management Plan was generally implemented during the audit period.	
Schedule 2, Condition B68a	Within three months of the determination of MOD 1, or other timing as agreed by the Planning Secretary, the Applicant must prepare an Exploration Activities Management Plan for the project to the satisfaction of the Planning Secretary. This Plan must: (a); be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b); be prepared in consultation with BCD and Heritage NSW; (c); include a description of the measures to be implemented for: (i) managing exploration activities associated with mining operations under this consent; NSW Government 25 Rix's Creek South Continuation of Mining Project Department of Planning, Industry and Environment (SSD 6300) (ii) managing construction and operation of minor surface infrastructure and associated access tracks; (iii) consulting with and compensating affected landowners; (iv) assessing noise, air quality, traffic, biodiversity, heritage, public safety and other impacts; (v) avoiding (where possible), or minimising environmental impacts; (vi) avoiding (where possible), or minimising impacts on threatened species, populations or their habitats and EECs; (vii) minimising clearance and disturbance of native vegetation; (viii) minimising and managing erosion and sedimentation; and (ix) rehabilitating disturbed areas.	Compliant		Exploration Activities Management Plan (v1.4)	An Exploration Activities Management Plan was prepared and submitted to the Planning Secretary. The plan was reviewed against the requirements of this condition: (a) The plan was prepared by a suitably qualified and experience person who was endorsed by the Planning Secretary on 02/09/2021 (correspondence provided in Appendix 1 of the management plan). (b) BCD and Heritage NSW were consulted and their feedback has been incorporated into the plan (correspondence provided in Appendix 2 of the plan). (c) Required measures are described in Section 2 of the plan. These measures generally meet the requirements of this condition.  The Exploration Activities Management Plan was approved by DPE on 07/12/2021.	An Exploration Activities Management Plan has been prepared for the project in accordance with the requirements of this condition, and has been approved by DPE.	
Schedule 2, Condition B68b	Unless otherwise agreed in writing by the Planning Secretary, the Applicant must not carry out exploration activities associated with the mining operations under this consent that cause temporary surface disturbance outside the approved disturbance area until the Exploration Activities Management Plan is approved by the Planning Secretary.	Compliant		2020 and 2021 Annual Reviews	The 2020 and 2021 Annual Reviews confirm that no exploration drilling was conducted in 2020 and 2021 at Rix's Creek South prior to approval of the Exploration Activities Management Plan on 07/12/2021.	No exploration activities associated with the mining operations at Rix's Creek South were carried out prior to the approval of the Exploration Activities Management Plan under the conditions of this consent.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B68c	The Applicant must implement the Exploration Activities Management Plan as approved by the Planning Secretary.	Compliant		YEM 2023 Annual Review Annual rehabilitation report and forward program dated 30/05/2023	Exploration activities undertaken at Rix's Creek South are detailed in the YEM 2023 Annual Review. Four open holes were drilled during this period.  As per the 2023 Annual Rehabilitation Report and Forward Program, this exploration program was completed in April 2023. No further exploration is planned during the three-year forecast.	The Exploration Activities Management Plan was implemented during the audit period.	
Schedule 2, Condition B69	The Applicant must rehabilitate the site in accordance with the conditions imposed on the mining lease(s) associated with the development under the Mining Act 1992. This rehabilitation must be generally consistent with the proposed rehabilitation activities described in the document/s listed in condition A2(c) (and shown conceptually in the figure in Appendix 7), and must comply with the objectives in Table 6.	Compliant		Rehabilitation Management Plan (v1.0) 2020, 2021 and YEM 2023 Annual Reviews Annual rehabilitation report and forward program dated 30/05/2023 Site inspection 2023 Weed control job pack records Internal correspondence from the Technical Services Department to the Environment Department dated November 2023	Rehabilitation activities are described and scheduled within the Rehabilitation Management Plan. Completed works for the audit period were reported on within the annual reviews and the 2023 annual rehabilitation report.  Rehabilitation monitoring completed by an independent consultant in November 2021 determined the following in relation to the rehabilitation objectives: - Positive results and improvements for landscape function, land and soil capability, stability, ground cover percentage, soil characteristics, species diversity and pasture performance. - Topsoil cover was limited at some older rehabilitated sites and soil dispersion benchmarks were not achieved at all sites; however vegetative performance did not appear to be adversely affected. - Pasture yield quality was exceeded for some rehabilitation sites. In response to this, a targeted mulching campaign was completed for some of the areas that exceeded the upper limit. - Weed cover had increased compared to previous years. Evidence of targeted weed control was observed during the audit site visit and records of weed control in rehabilitation areas were sighted.  Ongoing progressive rehabilitation was sighted at the Old North Pit and West Pit south batter rehabilitation areas during the site inspection.  A Quality Assurance and Quality Control rehabilitation process was implemented during the reporting period. This was evidenced through internal correspondence between the mine Technical Services Department and Environment Department. The final constructed rehabilitation landform was assessed against design using GIS data.	Rehabilitation has been carried out in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B70	The rehabilitation objectives in Table 6 apply to the entire site, including all landforms constructed under either this consent or previous consents. However, the Applicant is not required to undertake any additional earthmoving works on landforms that have been approved and constructed under previous consents	Noted				Noted.	
Schedule 2, Condition B71	The Applicant must rehabilitate the site progressively, that is, as soon as reasonably practicable following disturbance. All reasonable steps must be taken to minimise the total area exposed at any time. Interim stabilisation and temporary vegetation strategies must be employed when areas prone to dust generation, soil erosion and weed incursion cannot be permanently rehabilitated.	Compliant		Rehabilitation Management Plan (v1.0) 2020, 2021 and YEM 2023 Annual Reviews Annual rehabilitation report and forward program dated 30/05/2023 Site inspection	The Rehabilitation Management Plan states that: "Mining activities at the mine are expected to continue until 2040 with rehabilitation undertaken progressively during the life of the Mine. Progressive rehabilitation will minimise the area of exposed disturbance and reduce environmental impacts."  The following rehabilitation was completed during the audit period (as reported in the annual reviews and annual rehabilitation report): - 7.45 hectares at the Old North Pit and 9.03 hectares at the Arties Pit South between Jan 2022 to March 2023. This area is greater than that scheduled in the forward program for year 1. - 2.7 hectares at Arties Pit and 6.2 hectares at West Pit in 2020.  Ongoing progressive rehabilitation was sighted at the Old North Pit and West Pit south batter rehabilitation areas during the site inspection.	Rehabilitation is undertaken progressively at Rix's Creek South in accordance with the requirements of this condition.	
Schedule 2, Condition B72	The Applicant must prepare a Rehabilitation Strategy for the development to the satisfaction of the Planning Secretary. This strategy must: (a); be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary; (b); be prepared in consultation with the Resources Regulator and Council; (c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent; (d); building on the Rehabilitation Objectives in Table 6, describe the overall rehabilitation outcomes for the site, and address all aspects of rehabilitation including mine closure, final landform (including final voids), postmining land use/s and water management; (e); align with strategic rehabilitation and mine closure objectives and address the principles of the Strategic Framework for Mine Closure (ANZMEC and MCA, 2000); (f); describe how the rehabilitation measures would be integrated with the measures in the Biodiversity Management Plan referred to in condition B50; (g); describe how rehabilitation will be integrated with the mine planning process, including a plan to address premature mine closure; (h); identify and describe all rehabilitation domains and define	Compliant		Rix's Creek Rehabilitation Strategy (v2.2)	A Rehabilitation Strategy has been prepared for the development and was approved by the Planning Secretary on 29/01/2021. (a) Suitably qualified and experienced persons were endorsed by the Planning Secretary to prepare the plan. Correspondence is provided in Appendix B of the plan. (b) The plan was prepared in consultation with the Resources Regulator and Council. Correspondence is provided in Appendix B of the plan. (c) The strategy was submitted to the Planning Secretary for approval on 21 August 2020, within six months of development commencement. (d) Rehabilitation outcomes are addressed in Section 5 of the plan. (e) the plan is aligned with strategic rehabilitation and mine closure objectives and principles of the Strategic Framework for Mine Closure. (f) Integration with the Biodiversity Management Plan is described in Section 6.4 of the plan. (g) Integration with the mine planning process is described in Section 6 and premature closure in Section 8.5 of the plan.	A Rehabilitation Strategy has been prepared and approved by the Planning Secretary in line with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>completion criteria for each;</p> <p>(i); include indicative mine plans and scheduling for life-of-mine rehabilitation showing each rehabilitation domain;</p> <p>(j); include details of target vegetation communities and species to be established within the proposed revegetation areas;</p> <p>(k); investigate opportunities to refine and improve the final landform and final void outcomes over time;</p> <p>(l); include a risks and opportunities assessment and risk register that includes risks associated with unplanned closure or care and maintenance;</p> <p>(m); include a post-mining land use strategy to investigate and facilitate post-mining beneficial land uses for the site (including the final void), that:</p> <p>(i) align with regional and local strategic land use planning objectives and outcomes;</p> <p>(ii) support a sustainable future for the local community;</p> <p>(iii) utilise existing mining infrastructure, where practicable; and</p> <p>(iv) avoid disturbing self-sustaining native ecosystems, where practicable;</p> <p>(n); include a stakeholder engagement plan to guide rehabilitation and mine closure planning processes and outcomes;</p> <p>(o); investigate ways to minimise adverse socio-economic effects associated with rehabilitation and mine closure; and</p> <p>(p); include a program to review and refine the final landform and final void outcomes to meet the relevant Rehabilitation Objectives in Table 6, in consultation with the Resources Regulator and the Council every three years.</p>				<p>(h) Completion criteria are provided in Section 7 of the plan.</p> <p>(i) Section 6 of the plan includes the indicative mine plans and scheduling for life of mine rehabilitation.</p> <p>(j) Species lists are provided in section 6.4.4 of the plan.</p> <p>(k) Opportunities to refine and improve the final landform and void are included in the strategy. Such as further investigations described in Section 5.8.</p> <p>(l) A risks and opportunities assessment is provided in Section 4 of the strategy. A risk register is also provided in Appendix C.</p> <p>(m) Post-mining land use strategy included in Section 5.</p> <p>(n) Stakeholder engagement plan included in Section 3.5 of the strategy.</p> <p>(o) Socio-economic impact is discussed in Section 4.5, with further detail provided in the Social Impact Management Plan.</p> <p>(p) Program to review and refine provided in Section 8.3.3 of the strategy.</p>		
Schedule 2, Condition B73	The Applicant must implement the Rehabilitation Strategy approved by the Planning Secretary.	Compliant		<p>2020, 2021 and YEM 2023 Annual Reviews</p> <p>Annual rehabilitation report and forward program dated 30/05/2023</p> <p>Site inspection</p> <p>2023 Weed control job pack records</p> <p>Internal correspondence from the Technical Services Department to the Environment Department dated November 2023</p>	Refer to evidence provided for Conditions B69 and B71.	The Rehabilitation Strategy was implemented during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B74	<p>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. This plan must:</p> <p>(a); be prepared by a suitably qualified and experienced person/s;</p> <p>(b); be prepared in consultation with the Department, MEG, DPIE Water, BCD and Council;</p> <p>(c); be submitted to the Resources Regulator for approval within nine months of commencing development under this consent;</p> <p>(d); be prepared in accordance with any relevant Resources Regulator Guideline;</p> <p>(e); include detailed performance indicators and completion criteria for each rehabilitation domain, and triggers for remedial actions;</p> <p>(f); describe the measures to be implemented on the site to achieve the Rehabilitation Objectives in Table 6, the requirements of the Rehabilitation Strategy referred to in condition B72 and the criteria in paragraph (e);</p> <p>(g); include detailed mine plans and scheduling for progressive rehabilitation to be initiated, undertaken and/or completed over the next three years, or other suitable time period as agreed with the Resources Regulator;</p> <p>(h); include procedures for the reasonable use of interim stabilisation and temporary vegetation strategies to minimise the area exposed for dust generation (see condition B71);</p> <p>(i); include a program to monitor, independently audit and report on progress against the criteria in paragraph (e) and the effectiveness of the measures in paragraph (f); and</p> <p>(j); describe any further studies, work, research or consultation that will be undertaken to expand the site-specific rehabilitation knowledge base, reduce uncertainty and improve rehabilitation outcomes</p>	Compliant		<p>Rehabilitation Management Plan (v1.0)</p> <p>Correspondence from Bloomfield to DPE, MEG, DPE Water, BCD and Singleton Council dated 27/10/2020</p> <p>Correspondence from Bloomfield to the Resources Regulator dated 23/11/2020</p>	<p>A Rehabilitation Management Plan has been prepared for the development and assessed against the requirements of this condition:</p> <p>(a) The plan was prepared by suitably qualified and experienced persons.</p> <p>(b) Evidence of consultation with the required agencies in preparation of the management plan has been provided.</p> <p>(c) The management plan was submitted to the Resources Regulator on 23/11/2020.</p> <p>(d) Final land use domains presented in Section 2.4 of the management plan have been defined in accordance with the Resources Regulator guideline <i>Form and Way - Rehabilitation Management Plan for Large Mines</i>. A rehabilitation risk assessment has also been included in Section 3 of the plan, as required by the Resources Regulator guideline.</p> <p>(e) Performance indicators, completion criteria and triggers for remedial action are provided in Sections 4, 7 and 9 of the plan.</p> <p>(f) Measures to be implemented are described in Sections 5 ('Final Landform and Rehabilitation Plan') and 6 ('Rehabilitation Quality Assurance Process') of the plan.</p> <p>(g) Detailed mine plans and scheduling for progressive rehabilitation are described in Section 5 ('Final Landform and Rehabilitation Plan') of the plan.</p> <p>(h) The trigger action response plan in Table 10 of the plan details actions to be taken during periods of low rainfall. Measures include planting of a cover crop as an interim measure in any new rehabilitation areas to reduce wind erosion, dust generation and weed invasion.</p> <p>(i) The rehabilitation monitoring program is described in Section 7 of the plan. Reporting processes are also addressed in this section of the plan.</p> <p>(j) Current and planned rehabilitation research, modelling and trials are described in Section 8 of the plan.</p>	<p>A Rehabilitation Management Plan has been prepared for the development and submitted to the Resources Regulator in accordance with the requirements of this condition.</p>	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B75	<b>The Applicant must implement the Rehabilitation Management Plan as approved by the Resources Regulator.</b> <b>Note: The Resources Regulator may permit the Rehabilitation Management Plan to be combined with a Mining Operations Plan, or similar plan, required under any mining lease granted for the development.</b>	Compliant		2020, 2021 and YEM 2023 Annual Reviews Annual rehabilitation report and forward program dated 30/05/2023 Site inspection 2023 Weed control job pack records Internal correspondence from the Technical Services Department to the Environment Department dated November 2023	Refer to evidence provided for Conditions B69 and B71.	The Rehabilitation Management Plan was implemented during the audit period.	
Schedule 2, Condition B76	The Applicant must prepare a Social Impact Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a); be prepared by a suitably qualified and experienced person/s; (b); be prepared in consultation with Council, the CCC, local affected communities and other interested stakeholders; (c); be submitted to the Planning Secretary for approval within six months of commencing development under this consent; (d); identify both positive and negative social impacts resulting from the development and following mine closure, both locally and regionally; (e); specify adaptive management and mitigation measures to avoid, minimise, and/or mitigate negative social impacts; (f); identify opportunities to secure and enhance positive social impacts from the development, including opportunities to assist in maintaining community services and facilities; (g); include a stakeholder engagement plan to guide the evaluation and implementation of social impact management and mitigation measures, and (h); include a program to monitor, review and report on the effectiveness of these measures, including updating the plan 3 years prior to mine closure.	Compliant		Rix's Creek South Social Impact Management Plan v1.0	A Social Impact Management Plan has been prepared for the development and reviewed against the requirements of this condition: (a) The management plan was prepared by suitably qualified and experienced persons, as documented on the title page. (b) Section 3 of the management plan outlines consultation undertaken with Singleton Council, the CCC and the local community. Evidence of correspondence is provided in Appendix C of the management plan. (c) The management plan was submitted to DPE for approval on 18/08/2020, within six months of commencing development. Approval was received from DPE on 19/11/2020. Relevant correspondence is provided in Appendix C of the management plan. (d) Baseline social data is contained within Section 4. Section 5 details the impact assessment for the development. (e) Mitigation measures are described in Section 6. (f) Sections 5 and 6 identified opportunities to secure and enhance positive social impacts. (g) A stakeholder engagement plan is provided in Section 7. (h) Section 8 outlines the program for monitoring and review. Further details on reporting and review practices are provided in Section 10.	A Social Impact Management Plan has been prepared for the development in accordance with the requirements of this condition, and has been approved by DPE.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B77	The Applicant must implement the Social Impact Management Plan as approved by the Planning Secretary.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Audit interviews Site inspection 2020, 2021, 2022, 2023 and 2024 Complaints registers Bloomfield website	<p>Regular CCC meetings have been held. Refer to evidence provided for Condition A18.</p> <p>As detailed in the Annual Reviews, additional community consultation was conducted during the audit period including:</p> <ul style="list-style-type: none"> <li>- company newsletters that informed community members on updates to Rix's Creek operations (copies of newsletters sighted on the Bloomfield website).</li> <li>- notifications on kangaroo culling and 1080 wild dog and fox baiting were distributed to near neighbours.</li> </ul> <p>Amenity mitigation has been undertaken. Refer to evidence provided for Condition B61.</p> <p>The 24-hour community complaints hotline was tested by the audit team on 10/11/2023 at 2.07 pm. The hotline was found to be operational and a call back was received from the Group Environment Manager at 2.09 pm. Complaints registers for the audit period were sighted and provided evidence that all complaints were registered and investigated.</p> <p>Mitigation requests received were actioned during the audit period. Refer to evidence provided for Condition D2.</p> <p>Bloomfield has provided support to charitable groups and local community groups during the audit period. These are detailed within the Annual Reviews.</p>	The Social Impact Management Plan was implemented during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition B78	The Applicant must prepare a Coalaceous Material Haulage Management Plan for the development to the satisfaction of the Planning Secretary. This plan must: (a); be prepared in consultation with TfNSW and Council; (b); include details of all transport routes and traffic types to be used for the transport of coalaceous material as detailed in MR (MOD 1); (c); include details of the measures to be implemented to minimise traffic safety issues and disruption to local road users, including: (i) temporary traffic controls, including detours and signage (where relevant); (ii) notifying the local community about development-related traffic impacts; (iii) minimising potential for conflict with school buses and stock movements; and (iv) access arrangements; and (d); include a Drivers' Code of Conduct that requires drivers to: (i) adhere to posted speed limits or other required travelling speeds; (ii) adhere to the designated transport routes; and (iii) implement safe driving practices.	Compliant		Rix's Creek South Coalaceous Material Haulage Management Plan v1.3	The Coalaceous Material Haulage Management Plan was reviewed against the requirements of this condition: (a) Evidence of consultation with TfNSW and Singleton Council is provided in Appendix 1 of the management plan. (b) Section 2 of the management plan describes the routes and traffic types to be used for the transport of coalaceous materials. (c) Temporary traffic controls were deemed not relevant to the proposed activities. The community notification process is addressed in Section 1.6. Conflict minimisation between coal haulage and school buses/stock movements is addressed in Sections 2.1.1, 2.1.2 and 2.2.1. Any access arrangements necessary for haulage are detailed in Sections 2.1.3., 3, and 4. (d) A driver code of conduct is described in Section 3 and Appendix 3 of the management plan.  The management plan was approved by DPE on 17/01/2022.	A Coalaceous Material Haulage Management Plan has been prepared for the development in accordance with the requirements of this condition, and has been approved by the Planning Secretary.	
Schedule 2, Condition B79	The Applicant must not commence transport of coalaceous material described in MR (MOD 1) until the Coalaceous Material Haulage Management Plan is approved by the Planning Secretary.	Compliant		Rix's Creek South Coalaceous Material Haulage Management Plan v1.3 Loadrite Weight dockets Invoices from J&M Tiedeman Pty Ltd (INV01772, INV01774, INV01760, INV01756, INV01742, INV01742, INV01728, INV01741)	Transport of coalaceous material commenced in 2023, after approval of the Coalaceous Material Haulage Management Plan was received in January 2022.  Refer to evidence provided for Conditions A9a and A9b.	Transport of coalaceous material did not commence prior to approval of the Coalaceous Material Haulage Management Plan.	
Schedule 2, Condition B80	The Applicant must implement the Coalaceous Material Haulage Management Plan as approved by the Planning Secretary.	Compliant		Loadrite Weight dockets Invoices from J&M Tiedeman Pty Ltd (INV01772, INV01774, INV01760, INV01756, INV01742, INV01742, INV01728, INV01741) Community newsletters dated May 2022 and May 2023 Driver code of conduct declarations dated 07/06/2023 and 08/06/2023	Refer to evidence provided for Conditions A9a and A9b.  Loadrite dockets show that material was transported within the required timeframes and delivery frequencies.  Newsletters provided to local landholders and tenants regarding the haulage of coalaceous material from Preston Colliery were sighted.  Signed driver code of conduct declarations were sighted for the drivers involved in transport of the coalaceous material.	The Coalaceous Material Haulage Management Plan was implemented during the audit period.	
Schedule 2, Condition C1	Approved construction works must be undertaken during standard construction hours (7 am to 6 pm, Monday to Friday and 8 am to 1 pm on Saturdays), unless the Planning Secretary agrees otherwise.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Audit interviews	No construction works relevant to this condition were carried out in the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition C2	The Applicant must ensure that construction noise does not exceed the operational noise criteria in Table 1, except where an alternative temporary limit has been approved by the Planning Secretary for specific works or where the Applicant has an agreement with the owner/s of the relevant residence/land to generate higher noise levels, and the Applicant has advised the Department in writing of the terms of this agreement.	Compliant		Monthly noise monitoring reports from November 2020 to October 2023	The monthly noise monitoring reports prepared by SLR were reviewed. The noise criteria assessment in Section 4.2 of the reports shows there were no exceedances at any location during the audit period.	No noise exceedances were reported within the audit period.	
Schedule 2, Condition C3	The proposed cut and cover tunnel under the New England Highway and temporary side track road must both be designed and constructed in accordance with the relevant Austroads guidelines, Australian Standards and TfNSW specifications, in consultation with and to the satisfaction of TfNSW.	Not Triggered		Audit interviews	Design and construction of the proposed cut and cover tunnel did not commence during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition C4	The Applicant must enter into a Works Authorisation Deed (WAD) prior to undertaking the road works.	Not Triggered		Audit interviews	Refer to Condition C3.	This condition was not triggered during the audit period.	
Schedule 2, Condition C5	All road works must be undertaken at full cost to the Applicant and at no cost to TfNSW or Council.	Not Triggered		Audit interviews	Refer to Condition C3.	This condition was not triggered during the audit period.	
Schedule 2, Condition C6	The Applicant must enter into any other necessary access agreement/s with TfNSW or Council for the ongoing use and maintenance of the tunnel and related infrastructure within the road corridor.	Not Triggered		Audit interviews	Refer to Condition C3.	This condition was not triggered during the audit period.	
Schedule 2, Condition C7	The Applicant must prepare a Construction Traffic Management Plan for construction of the cut and cover tunnel under the New England Highway to the satisfaction of TfNSW. This plan must: (a); describe the measures to be implemented to minimise traffic and road safety issues and disruption to other road users; (b); include a risk assessment to identify hazards to traffic control, the level of risk posed and control measures to be implemented; (c); include a vehicle movement plan for: (i) managing light, heavy and over-dimensional vehicles during construction works; (ii) transporting construction waste materials; and (iii) restricting construction or transportation hours to avoid road user conflicts; and (d); include a traffic control plan prepared in accordance with Traffic Control at Work Sites (RMS, 2018).	Not Triggered		Audit interviews	Refer to Condition C3.	This condition was not triggered during the audit period.	
Schedule 2, Condition C8	The Applicant must not commence construction works associated with the cut and cover tunnel until the Construction Traffic Management Plan is approved by TfNSW.	Not Triggered		Audit interviews	Refer to Condition C3.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition D1	Upon receiving a written request for acquisition from the owner of the privately-owned land listed in Table 7, the Applicant must acquire the land in accordance with the procedures in conditions D11 to D18, inclusive.	Compliant		Correspondence from Camberwell resident to Bloomfield dated 09/08/2021 Correspondence from Bloomfield to Camberwell resident dated 22/10/2021 (ref: 1234_ECOMR:CK) Valuation report dated 15/09/2021 Correspondence from Bloomfield to conveyancer	Refer to evidence provided for Condition D11.  Final settlement of the contract for the Camberwell property occurred on 12/05/2022.	One request for acquisition was received in the audit period. The property was subsequently acquired by Bloomfield in accordance with the conditions of this consent.	
Schedule 2, Condition D2	Upon receiving a written request from the owner of any residence on the privately owned land listed in Table 7 or Table 8, the Applicant must implement additional mitigation measures at or in the vicinity of the residence in consultation with the landowner. These measures must be consistent with the measures outlined in the Voluntary Land Acquisition and Mitigation Policy for State Significant Mining, Petroleum and Extractive Industry Developments (NSW Government, 2018). They must also be reasonable and feasible, proportionate to the level of predicted impact and directed towards reducing the relevant noise and/or air quality impacts of the development. The Applicant must also be responsible for the reasonable costs of ongoing maintenance of these additional mitigation measures until the cessation of mining operations	Compliant		Rix's Creek South Mine Independent Environmental Audit 2020 report Invoices from Spanline Home Additions dated 06/10/2020, 22/12/2020, 28/06/2021, 21/04/2022, and 05/10/2022 Email correspondence from Olofsson landowner to Bloomfield dated 15/07/2021 Email correspondence from Nextgen Property Services to Bloomfield dated 06/09/2022 Invoices from Hunter Electrics dated 24/11/2020, 4/12/2020, and 22/03/2022 Invoices from D&D Joinery and Maintenance Services dated 07/03/2022 and 06/09/2022	During the previous audit period, Bloomfield received a request for air quality mitigation measures from the Olofsson residence for a replacement air conditioner and enclosure of a patio area. Replacement of air conditioning was completed and verified in the 2020 IEA audit. Confirmation of installation of the patio enclosure including invoices and correspondence with the landowner was sighted during the current audit.  Additional air quality and noise mitigation measures were also requested by the Burgess residence during the previous audit period. Measures requested included air conditioning, enclosure of patio, double glazing and solar panels. Installation of air conditioning was completed and verified in the 2020 IEA audit. Evidence of the installation of the solar panels and patio enclosure in the audit period was sighted. While the enclosure of the patio is not strictly in accordance with VLAMP mitigation measures, Bloomfield agreed to this in lieu of covering future cleaning costs. The request for window glazing was withdrawn on 14/09/2021.  Noise and dust mitigation measures including double glazing of one window and one sliding door were requested in the previous audit period by the McInerney residence. Confirmation of work completion was sighted during the current audit.  Installation of a solar system was requested by the DeJong residence in the previous audit period. This system was installed in December 2020.  New solar panels and the enclosure of a patio area were requested by the Lane residence in the previous audit period for dust mitigation. This	No new requests for additional mitigation measures were received in the audit period. However, previous requests were actioned during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					work was completed by Hunter Electrics and Spanline in 2022.		
Schedule 2, Condition D3	If within three months of receiving this request from the owner, the Applicant and the owner 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 Planning Secretary for resolution.	Noted		Audit interviews	There were no disputes in regard to mitigation measures during the audit period.	Noted.	
Schedule 2, Condition D4	Within one month of the date of this consent, the Applicant must: (a); notify in writing the owner of: (i) the land listed in Table 7 that they have the right to require the Applicant to acquire their land at any stage during the development; (ii) the residences on the land listed in Table 7 and Table 8 that they are entitled to ask the Applicant to install additional mitigation measures at the residence; and (iii) any privately-owned land within 3 kilometres of the approved open cut mining pit/s that they are entitled to ask the Applicant for an inspection to establish the baseline condition of any buildings or structures on their land, or to have a previous property inspection report updated; (b); notify the tenants of any mine-owned land of their rights under this consent; and (c); send a copy of the NSW Health fact sheet entitled "Mine Dust and You" (NSW Health, 2017) to the owners and/or existing tenants of any land (including mine-owned land) where the predictions in the document/s listed in condition A2(c) identify that dust emissions generated by the development are likely to be greater than the relevant air quality criterion in PART B of this consent at any time during the life of the development	Compliant		Rix's Creek South Mine Independent Environmental Audit 2020 report	Compliance against this condition was assessed in the previous 2020 Independent Environmental Audit. It was found that notifications had been provided to all landowners and tenants as required by this condition within one month of the date of the consent.	All required notifications required under this condition have been provided.	
Schedule 2, Condition D5	Prior to entering into any tenancy agreement for any land owned by the Applicant that is predicted to experience exceedances of the recommended dust and/or noise criteria, the Applicant must: (a); advise the prospective tenants of the potential health and amenity impacts associated with living on the land, and give them a copy of the NSW Health fact sheet entitled "Mine Dust and You" (NSW Health, 2017); and (b); advise the prospective tenants of the rights they would have under this consent, to the satisfaction of the Planning Secretary.	Not Triggered		Audit interviews	No new tenancy agreements were signed during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition D6	As soon as practicable and no longer than 7 days after obtaining monitoring results showing an exceedance of any noise, blasting or air quality criterion in PART B of this consent, the Applicant must provide the details of the exceedance to any affected landowners, tenants and the CCC.	Compliant		2020, 2021, and YEM 2023 Annual Reviews Blast exceedance notification register Correspondence from Bloomfield to CCC Chairperson dated 18/09/2023	There was one exceedance of the airblast overpressure criteria recorded during the audit period which occurred on 12/09/2023. The blast exceedance notification register was sighted which showed notifications of the exceedance were provided to affected residences on Maison Dieu Road and Dights Crossing Road on the 18/09/2023 and 19/09/2023, within seven days of the exceedance. Notification of the	Exceedance notifications were provided to affected landowners, tenants and the CCC in line with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					exceedance provided to the CCC Chairperson on 18/09/2023 was also sighted.		
Schedule 2, Condition D7	For any exceedance of any air quality criterion in PART B, the Applicant must also provide to any affected land owners and/or tenants a copy of the NSW Health fact sheet entitled "Mine Dust and You" (NSW Health, 2017).	Not Triggered		2020, 2021 and YEM 2023 Annual Reviews Monthly monitoring data	No exceedances of the air quality criterion occurred during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition D8	If a landowner considers the development to be exceeding any relevant air quality, noise or blasting criterion in PART B of this consent, they may ask the Planning Secretary in writing for an independent review of the impacts of the development on their residence or land.	Not Triggered		Audit interviews	No independent reviews were requested by landowners during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition D9	If the Planning Secretary is not satisfied that an independent review is warranted, the Planning Secretary will notify the landowner in writing of that decision, and the reasons for that decision, within 21 days of the request for a review.	Not Triggered		Audit interviews	Refer to condition D8.	This condition was not triggered during the audit period.	
Schedule 2, Condition D10	If the Planning Secretary is satisfied that an independent review is warranted, within three months, or other timeframe agreed by the Planning Secretary and the landowner, of the Planning Secretary's decision, the Applicant must: (a); commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Planning Secretary, to: (i) consult with the landowner to determine their concerns; (ii) conduct monitoring to determine whether the development is complying with the relevant criterion in PART B of this consent; and (iii) if the development is not complying with the relevant criterion, identify measures that could be implemented to ensure compliance with the relevant criterion; (b); give the Planning Secretary and landowner a copy of the independent review; and (c); comply with any written requests made by the Planning Secretary to implement any findings of the review.	Not Triggered		Audit interviews	Refer to condition D8.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition D11	<p>Within three months of receiving a written request for acquisition from a landowner with acquisition rights, the Applicant must make a binding written offer to the landowner based on:</p> <p>(a); the current market value of the landowner's interest in the land at the date of this written request, as if the land was unaffected by the development, having regard to the:</p> <p>(i) existing and permissible use of the land, in accordance with the applicable planning instruments at the date of the written request; and</p> <p>(ii) presence of improvements on the land and/or any approved building or structure which has been physically commenced at the date of the landowner's written request, and is due to be completed subsequent to that date, but excluding any improvements that have resulted from the implementation of the additional noise and/or air quality mitigation measures in condition D2;</p> <p>(b); the reasonable costs associated with:</p> <p>(i) relocating within the Singleton local government area, or to any other local government area determined by the Planning Secretary; and</p> <p>(ii) obtaining independent legal advice and expert advice for determining the acquisition price of the land, and the terms upon which it is to be acquired; and</p> <p>(c); reasonable compensation for any disturbance caused by the land acquisition process.</p>	Compliant		<p>Correspondence from Camberwell resident to Bloomfield dated 09/08/2021</p> <p>Correspondence from Bloomfield to Camberwell resident dated 22/10/2021 (ref: 1234_ECOMR:CK)</p> <p>Valuation report dated 15/09/2021</p> <p>Correspondence from Bloomfield to conveyancer</p>	A request for acquisition was received from a landowner on 09/08/2021. Bloomfield subsequently made a written offer to the landowner on 22/10/2021, within three months of the initial request. The offer made was based on the findings of a land valuation assessment prepared for Bloomfield. The valuation of the land was assessed in accordance with the requirements of this condition. Final settlement occurred on 12/05/2022.	One request for acquisition was received in the audit period. A binding written offer was made by Bloomfield to the landowner in accordance with the requirements of this condition.	
Schedule 2, Condition D12	If, within two months of the binding written offer being made under condition D11, the Applicant and landowner cannot agree on the acquisition price of the land and/or the terms upon which the land is to be acquired, then either party may refer the matter to the Planning Secretary for resolution.	Not Triggered		Audit interviews	No matters related to land acquisition were referred to the Planning Secretary for resolution during the audit period.	This condition was not triggered during the audit period.	
Schedule 2, Condition D13	<p>Upon receiving a request under condition D12, the Planning Secretary will request the President of the NSW Division of the Australian Property Institute to appoint a qualified independent valuer to:</p> <p>(a); consider submissions from both parties;</p> <p>(b); determine a fair and reasonable acquisition price for the land and/or the terms upon which the land is to be acquired, having regard to the matters referred to in condition D11;</p> <p>(c); prepare a detailed report setting out the reasons for any determination; and</p> <p>(d); provide a copy of the report to both parties.</p>	Not Triggered		Audit interviews	Refer to Condition D12.	This condition was not triggered during the audit period.	
Schedule 2, Condition D14	Within 14 days of receiving the independent valuer's report, the Applicant must make a binding written offer to the landowner to purchase the land at a price not less than the independent valuer's determination.	Not Triggered		Audit interviews	Refer to Condition D12.	This condition was not triggered during the audit period.	
Schedule 2, Condition D15	However, if either party disputes the independent valuer's determination, then within 14 days of receiving the independent valuer's report, either party may refer the matter to the Planning Secretary for review. Any request for a review must be accompanied by a detailed report setting out the reasons why the party disputes the independent valuer's determination. Following consultation with the independent	Not Triggered		Audit interviews	Refer to Condition D12.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	valuer and both parties, the Planning Secretary will determine a fair and reasonable acquisition price for the land, having regard to the matters referred to in condition D11, the independent valuer's report, the detailed report of the party that disputes the independent valuer's determination and any other relevant submissions.						
Schedule 2, Condition D16	Within 14 days of this determination, the Applicant must make a binding written offer to the landowner to purchase the land at a price not less than the Planning Secretary's determination.	Not Triggered		Audit interviews	Refer to Condition D12.	This condition was not triggered during the audit period.	
Schedule 2, Condition D17	If the landowner refuses to accept the Applicant's binding written offer under this condition within six months of the offer being made, then the Applicant's obligations to acquire the land shall cease, unless the Planning Secretary determines otherwise.	Not Triggered		Audit interviews	Refer to Condition D12.	This condition was not triggered during the audit period.	
Schedule 2, Condition D18	The Applicant must pay all reasonable costs associated with the land acquisition process described in conditions D11 to D17 inclusive, including the costs associated with obtaining Council approval for any plan of subdivision (where permissible), and registration of this plan at the Office of the Registrar-General.	Compliant		Correspondence from Bloomfield to Camberwell resident dated 22/10/2021 (ref: 1234_ECOMR:CK) Final contract for the purchase of land Correspondence from Bloomfield to conveyancer	All costs associated with the valuation of the land were paid for by Bloomfield. Other reasonable costs associated with the acquisition were also paid for by Bloomfield.	Reasonable costs associated with the land acquisition process were paid by Bloomfield.	
Schedule 2, Condition E1	The Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must: (a); be submitted to the Planning Secretary for approval within six months of commencing development under this consent; (b); provide the strategic framework for environmental management of the development; (c); identify the statutory approvals that apply to the development; (d); set out the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development; (e); set out the procedures to be implemented to: (i) keep the local community and relevant agencies informed about the operation and environmental performance of the development; (ii) receive, record, handle and respond to complaints; (iii) resolve any disputes that may arise during the course of the development; (iv) respond to any non-compliance and any incident; and (v) respond to emergencies; and (f); include: (i) references to any strategies, plans and programs approved under the conditions of this consent; and (ii) a clear plan depicting all the sites where monitoring is to be carried out under the conditions of this consent.	Compliant		Rix's Creek Mine Environmental Management Strategy v1.3	The Environmental Management Strategy was reviewed against the requirements of this condition: (a) The strategy was submitted and approved by the Planning Secretary. Relevant correspondence is provided in Appendix B of the strategy. (b) The strategic framework is outlined in Section 5 of the strategy. (c) All relevant statutory approvals are provided in Section 3.1 and Appendix A of the strategy. (d) Section 12 Table 5 of the strategy describes all roles and responsibilities. (e) The requirements of this sub-condition are addressed throughout the strategy; informing local community and agencies about environmental performance (Section 8), complaints handling (Section 8.3), disputes handling (Section 8.4), and non-compliance and emergency response (Section 11.3). (f) The strategies, plans and programs approved under the conditions of this consent are listed in Section 6.1 of the strategy. A clear plan that illustrates the locations of monitoring sites under this consent is provided in Figure 4 (Section 11) within the strategy.	An Environmental Management Strategy has been prepared and approved by the Planning Secretary in line with the requirements of this condition.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition E2	The Applicant must implement the Environmental Management Strategy as approved by the Planning Secretary.	Compliant		Site inspection Audit interviews 2020, 2021, 2022 and 2023 Complaints registers Incident notifications and reports from Bloomfield to DPE dated 01/03/2023, 12/09/2023, 19/09/2022, 03/05/2022, 07/03/2022, 19/11/2021, 13/07/2021 Correspondence from Bloomfield to landowners and relevant agencies in relation to airblast overpressure exceedance 12/09/2023 Bloomfield website	Complaints register and landholder notifications were reviewed and found to align with the procedure outlined in the strategy.  Non-compliance and incident reports were also sighted. The response process implemented aligned with that described in the strategy.  The Environment Team members were generally aware of the responsibilities of their roles.  All required public information was sighted on the Bloomfield website	The Environmental Management Strategy was generally implemented during the audit period.	
Schedule 2, Condition E3	The Applicant must assess and manage development-related risks to ensure that there are no exceedances of the criteria and performance measures in this consent. Any exceedance of these criteria 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 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 reasonable remediation measures as directed by the Planning Secretary.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Correspondence from Bloomfield to DPE dated 19/09/2023 (Airblast Overpressure Exceedance Report) Site inspection	Development related risks are documented within the site environmental management plans and strategies. Specific controls to manage these risks are also detailed within these plans and strategies.  The following exceedance occurred during the audit period: - Airblast overpressure exceedance on 12/09/2023. The blast process specific to the geological conditions of the Lower Barrett interburden was reviewed as a result of the exceedance. No remediation was required. No further exceedances occurred following this event in the audit period.	Review of exceedances during the audit period indicates that reasonable and feasible measures have been implemented to prevent reoccurrence.	
Schedule 2, Condition E4	Management plans required under this consent must be prepared in accordance with relevant guidelines, and include where relevant: (a); summary of relevant background or baseline data; (b); details of: (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures and criteria; and (iii) 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); any relevant commitments or recommendations identified in the document/s listed in condition A2(c); (d); a description of the measures to be implemented to comply with the relevant statutory requirements, limits, or performance measures and criteria; (e); a program to monitor and report on the: (i) impacts and environmental performance of the	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Biodiversity Management Plan (v1.1) Historic Heritage Management Plan (v1.2) Aboriginal Cultural Heritage Management Plan (v1.0) Bushfire Management Plan (v1.2) Exploration Activities Management Plan (v1.4) Rehabilitation Management	The following management plans were reviewed against the requirements of this condition and were found to generally address all requirements: - Noise Management Plan - Air Quality and Greenhouse Gas Management Plan - Blast Management Plan - Water Management Plan - Biodiversity Management Plan - Historic Heritage Management Plan - Aboriginal Cultural Heritage Management Plan - Bushfire Management Plan - Exploration Activities Management Plan - Rehabilitation Management Plan - Social Impact Management Plan - Coalaceous Material Haulage Management Plan	Review of the relevant management plans required under this consent indicate that they have been prepared in general accordance with the relevant guidelines and included the information outlined under this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>development; and</p> <p>(ii) effectiveness of the management measures set out pursuant to paragraph (d);</p> <p>(f); a contingency plan to manage any unpredicted impacts and their consequences and to ensure that ongoing impacts reduce to levels below relevant impact assessment criteria as quickly as possible;</p> <p>(g); a program to investigate and implement ways to improve the environmental performance of the development over time;</p> <p>(h); a protocol for managing and reporting any:</p> <p>(i) incident, non-compliance or exceedance of any impact assessment criterion or performance measure;</p> <p>(ii) complaint; or</p> <p>(iii) failure to comply with other statutory requirements;</p> <p>(i); public sources of information and data to assist stakeholders in understanding environmental impacts of the development; and</p> <p>(j); a protocol for periodic review of the plan.</p>			<p>Plan (v1.0)</p> <p>Social Impact Management Plan (v1.0)</p> <p>Coalaceous Material Haulage Management Plan (v1.3)</p>			
Schedule 2, Condition E5	<p>Within three months of:</p> <p>(a); the submission of an incident report under condition E7;</p> <p>(b); the submission of an Annual Review under condition E9;</p> <p>(c); the submission of an Independent Environmental Audit under condition E10; or</p> <p>(d); the modification of the conditions of this consent (unless the conditions require otherwise), the suitability of existing strategies, plans and programs required under this consent must be reviewed by the Applicant</p>	Compliant		<p>2020, 2021 and YEM 2023 Annual Reviews</p>	<p>Management plans and strategies were reviewed during the audit period following the modification of SSD 6300, the 2020 Independent Environmental Audit and submission of the annual reviews.</p> <p>A summary of management plan reviews completed is provided in Section 13 of the Annual Reviews.</p>	<p>The suitability of existing strategies, plans and programs required under this consent were reviewed as required during the audit period.</p>	
Schedule 2, Condition E6	<p>If necessary, to either improve the environmental performance of the development or cater for a modification, the strategies, plans and programs required under this consent must be revised, to the satisfaction of the Planning Secretary. Where revisions are required, the revised document must be submitted to the Planning Secretary for approval within six weeks of the review.</p>	Compliant		<p>Noise Management Plan (v2.0)</p> <p>Air Quality and Greenhouse Gas Management Plan (v1.6)</p> <p>Blast Management Plan (v1.9)</p> <p>Water Management Plan (v2.8)</p> <p>Biodiversity Management Plan (v1.1)</p> <p>Historic Heritage Management Plan (v1.2)</p> <p>Bushfire Management Plan (v1.2)</p> <p>Exploration Activities Management Plan (v1.4)</p> <p>Rehabilitation Management Plan (v1.0)</p> <p>Coalaceous Material Haulage Management Plan (v1.3)</p> <p>Rehabilitation Strategy (v2.2)</p>	<p>The following revisions were made during the audit period and submitted to the Planning Secretary for review:</p> <p>Noise Management Plan - 9/12/2020 (v1.9) updated in response to DPIE feedback</p> <p>- 12/5/2021 (v2.0) updated for PA 08_0102 mod 9</p> <p>Air Quality and Greenhouse Gas Management Plan - 12/5/2021 (v1.6) updated for PA 08_0102 mod 9 and the 2020 Annual Review</p> <p>Blast Management Plan - 8/12/2020 (v1.8) updated in response to DPIE feedback</p> <p>- 12/5/2021 (v1.9) updated for PA 08_0102 mod 9 and the 2020 Annual Review</p> <p>Water Management Plan - 20/1/2021 (v2.6) updated in response to DPIE feedback and the 2020 Independent Environmental Audit recommendations</p>	<p>Where required during the audit period, the strategies, plans and programs required under this consent were revised and submitted to the Planning Secretary for approval.</p>	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					<ul style="list-style-type: none"> <li>- 10/3/2021 (v2.7) updated in response to DPIE feedback</li> <li>- 17/5/2021 (v2.8) updated for PA 08_0102 mod 9 and the 2020 Annual Review</li>   <li>Biodiversity Management Plan</li> <li>- 4/12/2020 (v1.1) updated in response to DPIE feedback</li>   <li>Historic Heritage Management Plan</li> <li>- 9/12/2020 (v1.2) updated in response to DPIE feedback</li>   <li>Bushfire Management Plan</li> <li>- 14/9/2020 (v1.2) updated in response to RFS feedback and for SSD 6300 mod 1</li>   <li>Exploration Activities Management Plan</li> <li>- 12/3/2021 (v1.0) original document</li> <li>- 21/4/2021 (v1.1) updated in response to NSW Heritage feedback</li> <li>- 3/5/2021 (v1.2) updated in response to DPIE feedback</li> <li>- 7/10/2021 (v1.3) updated for SSD 6300 mod 1</li> <li>- 30/11/2021 (v1.4) updated in response to DPIE feedback</li>   <li>Rehabilitation Management Plan</li> <li>- 29/7/2022 (v2.2) updated in response to DPIE feedback</li>   <li>Coalaceous Material Haulage Management Plan</li> <li>- 19/8/2021 (v1.0) original document</li> <li>- 6/10/2021 (v1.1) updated in response to agency feedback</li> <li>- 11/01/2022 (v1.2) updated in response to DPIE and SSC feedback</li> <li>- 2/5/2023 (v1.3) updated to include RCS delivery requirements</li>   <li>Rehabilitation Strategy</li> <li>- 19/1/2021 (v2.2) updated in response to DPIE feedback</li> </ul>		



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition E7	The Applicant must immediately notify the Department and any other relevant agencies after it becomes aware of an incident. The notification must be in writing <a href="#">via the Department's Major Projects Website</a> and identify the development (including the development application number and name) and set out the location and nature of the incident.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Incident notifications and reports from Bloomfield to DPE dated 01/03/2023, 12/09/2023, 19/09/2022, 03/05/2022, 07/03/2022, 19/11/2021, 13/07/2021	There were no reportable incidents between Nov - Dec 2020.  2021 reportable incidents: - 13 July water discharge event - 12 November water discharge event  2022 reportable incidents: - 7 March water discharge event - 3 May water seepage event - 12 September water seepage event  2023 reportable incidents: - 22 February water discharge event - 12 September blast overpressure exceedance  Initial notification was made to DPE on the same day that all incidents were identified. All written incident notifications were sighted.	All incidents were reported in writing to the Department as soon as possible and within 24 hours of becoming aware of the incident.	
Schedule 2, Condition E8	Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing <a href="#">via the Department's Major Projects Website</a> and identify the development (including the development application number and name), set out the condition of this consent that the development is non-compliant with, why it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance. Note: A non-compliance that has been notified as an incident does not need to also be notified as a non-compliance.	Compliant		2020, 2021 and YEM 2023 Annual Reviews	Refer to evidence provided for Condition E7 for non-compliances which were notified as incidents.  No other non-compliances were identified by Bloomfield.	All non-compliances were reported as incidents in the audit period.	
Schedule 2, Condition E9	By the end of March each year, after the commencement of development, or other timeframe agreed by the Planning Secretary, a report must be submitted to the Department reviewing the environmental performance of the development, to the satisfaction of the Planning Secretary. This review must: (a); describe the development (including any rehabilitation) that was carried out in the previous calendar year, and the development that is proposed to be carried out over the current calendar year; (b); report on the progress of biodiversity credits retirements and the associated actual versus proposed surface disturbance for each stage; (c); include a comprehensive review of the monitoring results and complaints records of the development over the previous calendar year, including a comparison of these results against the: (i) relevant statutory requirements, limits or performance measures/criteria; (ii) requirements of any plan or program required under this consent; (iii) monitoring results of previous years; and	Compliant		2020, 2021 and YEM 2023 Annual Reviews Correspondence from DPE to Bloomfield dated 07/12/2022	Annual reviews were prepared and submitted for the following periods: - 1 January to 31 December 2020 - 1 January to 31 December 2021 - 1 January 2022 to 31 March 2023  Approval from DPE dated 07/12/2022 was sighted for the amendment of the annual review reporting period to align with The Bloomfield Group financial year period. To allow for this change, approval was also granted from DPE for the 2022/23 report to cover an initial 15-month period.	Reports were submitted to the Planning Secretary for 2020, 2021, and the year ending March 2023. These reports were prepared in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>(iv) relevant predictions in the document/s listed in condition A2(c);</p> <p>(d); identify any non-compliance or incident which occurred in the previous calendar year, and describe what actions were (or are being) taken to rectify the non-compliance and avoid reoccurrence;</p> <p>(e); evaluate and report on:</p> <p>(i) the effectiveness of the noise and air quality management systems; and</p> <p>(ii) compliance with the performance measures, criteria and operating conditions of this consent;</p> <p>(f); identify any trends in the monitoring data over the life of the development;</p> <p>(g); identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and</p> <p>(h); describe what measures will be implemented over the next calendar year to improve the environmental performance of the development</p>						
Schedule 2, Condition E10	<p>Within one year of commencing development under this consent, and every three years after, unless the Planning Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the development. The audit must:</p> <p>(a); be led by a suitably qualified, experienced and independent auditor whose appointment has been endorsed by the Planning Secretary;</p> <p>(b); be conducted by a suitably qualified, experienced and independent team of experts (including any expert in field/s specified by the Planning Secretary) whose appointment has been endorsed by the Planning Secretary;</p> <p>(c); be carried out in consultation with the relevant agencies and the CCC;</p> <p>(d); assess the environmental performance of the development and whether it is complying with the relevant requirements in this consent, water licences and mining leases for the development (including any assessment, strategy, plan or program required under these approvals);</p> <p>(e); review the adequacy of any approved strategy, plan or program required under the abovementioned approvals and this consent;</p> <p>(f); recommend appropriate measures or actions to improve the environmental performance of the development and any assessment, strategy, plan or program required under the abovementioned approvals and this consent; and</p> <p>(g); be conducted and reported to the satisfaction of the Planning Secretary.</p>	Compliant		Rix's Creek South Mine Independent Environmental Audit 2020 report	<p>The previous Independent Environmental Audit was completed in December 2020, within one year of commencing development under the consent. The 2020 audit report shows that the requirements of this condition were satisfied. Evidence of audit team approval, agency consultation and the independent audit declaration form are provided in the appendices of the report.</p> <p>This audit is the next scheduled audit, which commenced within three years following the 2020 IEA.</p>	The 2020 Independent Environmental Audit was completed within the required timeframe and undertaken in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition E11	Within three months of commencing an Independent Environmental Audit, or other timeframe agreed by the Planning Secretary, the Applicant must submit a copy of the audit report to the Planning Secretary, and any other NSW agency that requests it, together with its response to any recommendations contained in the audit report, and a timetable for the implementation of the recommendations. The recommendations must be implemented to the satisfaction of the Planning Secretary	Compliant		Letter from Bloomfield to DPIE dated 15 December 2020 (ref 1200 EGOVR:CK) Rix's Creek South Mine Independent Environmental Audit 2020 report 2020, 2021 and YEM 2023 Annual Reviews	The 2020 IEA audit commenced on 15 October 2020 following consultation with DPIE. The audit report and response to audit recommendations were submitted to DPIE on 15 December 2020, nine weeks after commencement of the audit. Progress updates on the implementation of the audit actions have been provided in the 2020, 2021 and YEM 2023 Annual Reviews.	The 2020 Independent Environmental Audit report was submitted to the Planning Secretary with a response to recommendations and a timetable for implementation.	
Schedule 2, Condition E12	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non-compliance notification, compliance report and independent audit. For the purposes of this condition, as set out in the EP&A Act, "monitoring" means monitoring of the development to provide data on compliance with the consent or on the environmental impact of the development, and an "environmental audit" means a periodic or particular documented evaluation of the development to provide information on compliance with the consent or the environmental management or impact of the development	Noted				Noted.	
Schedule 2, Condition E13	Noise, blast and/or air quality monitoring under this consent may be undertaken at suitable representative monitoring locations instead of at privately-owned residences or other locations listed in Part B, providing that these representative monitoring locations are set out in the respective management plan/s.	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) 2020, 2021 and YEM 2023 Annual Reviews.	Noise, blast and air quality monitoring locations outlined in the Annual Reviews were compared against those specified under this consent and in the respective management plans. Monitoring was found to have been undertaken at suitable locations during the audit period.	Noise, blast and air quality monitoring was undertaken during the audit period at suitable monitoring locations specified in the respective management plans.	
Schedule 2, Condition E14	Within three months of commencing development under this consent, until the completion of all rehabilitation required under this consent, the Applicant must: (a) make the following information and documents (as they are obtained, approved or as otherwise stipulated within the conditions of this consent) publicly available on its website: (i) the document/s listed in condition A2(c); (ii) all current statutory approvals for the development; (iii) all approved strategies, plans and programs required under the conditions of this consent; (iv) minutes of CCC meetings; (v) regular reporting on the environmental performance of the development in accordance with the reporting requirements in any plans or programs approved under the conditions of this consent; (vi) a comprehensive summary of the monitoring results of the development, reported in accordance with the specifications in any conditions of this consent, or any approved plans and programs; (vii) a summary of the current progress of the development;	Compliant		Bloomfield website	All information and documents required by this condition were sighted on the Bloomfield website on 17/11/2023 including: - Management plans and strategies - CCC meeting minutes - Annual reviews - Monthly monitoring results - Monthly complaints register - Independent Environmental Audit reports and Bloomfield response to recommendations - Complaints hotline phone number - Statutory approvals - Environmental assessments - Newsletters and fact sheets - Blasting information - Hyperlinks to government air quality and noise information and contact details for NSW government complaint avenues. Links were tested and found to be working.	All required information and documents were sighted and found to be current on the company website.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	(viii) contact details to enquire about the development or to make a complaint; (ix) a complaints register, updated monthly; (x) the Annual Reviews of the development; (xi) audit reports prepared as part of any Independent Environmental Audit of the development and the Applicant's response to the recommendations in any audit report; (xii) any other matter required by the Planning Secretary; and (xiii) hyperlinks to government air quality and noise information and contact details for NSW government complaint avenues (including the Upper Hunter Air Quality Network and Government Environment Complaint Line); and (b); keep such information up to date, to the satisfaction of the Planning Secretary.				All information was found to be up to date.		

Table 23: PA 08\_0102 Audit Table

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 1	In addition to meeting the specific performance criteria established under <a href="#">this development consent</a> , the Applicant must implement all reasonable and feasible measures to prevent and/or minimise any material harm to the environment that may result from the construction, operation or rehabilitation of the project.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Site inspection Audit interviews Tiger Orchid Translocation Management Plan dated 30/08/2023 Land Disturbance Management Procedure dated 08/02/2021	No incidents were reported within the annual reviews during the audit period.  No evidence of material environmental harm was found during the site inspection.  Measures beyond that required under the conditions of this consent to prevent and minimise material harm have been implemented by Bloomfield. These measures include additional operational monitoring and internal procedures and plans such as the Tiger Orchid Translocation Management Plan and the Land Disturbance Management Procedure.	Reasonable and feasible measures to prevent and minimise material harm to the environment have been implemented over the audit period.	
Schedule 2, Condition 2	The Applicant must carry out the project generally in accordance with the: a; previous EAs; b; open cut project EA; c; EA Mod 1 d; EA Mod 2 e; EA Mod 4 f; EA Mod 5 g; EA Mod 6 h; EA Mod 7 i; EA Mod 8 j; EA Mod 9 k; project layout plan	Compliant		2020, 2021 and YEM 2023 Annual Reviews Site inspection Audit interviews Site aerial image dated March 2023	No reportable incidents were identified within the audit period under this consent and no evidence of material environmental harm was found during the site inspection.  Activities completed during the audit period, as reported in the Annual Reviews, generally aligned with those detailed in the environmental assessments listed under this condition.	The development has been generally carried out in accordance with the Environmental Assessments listed under this condition.	
Schedule 2, Condition 3	The Applicant must carry out the project in accordance with the: a; Statement of Commitments; and b; conditions of <a href="#">this consent</a> .	Non-compliant	Low	2020, 2021 and YEM 2023 Annual Reviews Site inspection Audit interviews	Non-compliances against the conditions of this consent were identified during the audit.	The requirement of this condition was not satisfied during the audit period.	Refer to actions and recommendations provided for each non-compliance.

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 4	If there is any inconsistency between the above documents then the most recent document must prevail to the extent of the inconsistency. However, the conditions of <b>this consent</b> must prevail to the extent of any inconsistency.	Noted				Noted.	
Schedule 2, Condition 5	The <b>Applicant</b> must comply with any reasonable requirement/s of the Secretary arising from the Department's assessment of: a; any reports, strategies, plans, programs, reviews, audits, or correspondence that are submitted in accordance with the conditions of <b>this consent</b> ; b; any reviews, reports or audits undertaken or commissioned by the Department regarding compliance with the conditions of <b>this consent</b> ; and c; the implementation of any actions or measures contained in these documents.	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Exploration Activities Management Plan (v1.4) Rehabilitation Management Plan (v1.0)	Requests for further information and feedback were provided from DPE in relation to submissions made during the audit period. All requests for further information and feedback were actioned by Bloomfield accordingly and have been documented in the relevant management plans and strategies.	Bloomfield has complied with all reasonable requirements of the Secretary arising during the audit period from the Department's assessment of plans and reviews submitted.	
Schedule 2, Condition 6	The <b>Applicant</b> may carry out open cut mining operations on site until 31 December 2035.	Noted		2020, 2021 and YEM 2023 Annual Reviews Site inspection	The 2020, 2021 and YEM 2023 Annual Reviews, as well as the site inspection, verified that mining operations were undertaken during the audit period.	The mining operations carried out during the audit period occurred within the approved timeframe specified under the condition of this consent.	
Schedule 2, Condition 7	The <b>Applicant</b> must not extract more than: a; 1.5 million tonnes of ROM coal from the open cut mining operations in the northern mining area in a calendar year; and b; 4.5 million tonnes of ROM coal from the open cut mining operations in the western mining area in a calendar year.	Compliant		2020, 2021 and YEM 2023 Annual Reviews 2020, 2021, 2022 and 2023 Rix's Creek Production Snapshots	No mining was undertaken in the northern mining area during the audit period.  The following ROM coal extraction values were reported in the Annual Reviews: - 1.3 million tonnes in 2020 - 1.2 million tonnes in 2021 - 1.8 million tonnes from January 2022 to March 2023	ROM coal extraction did not exceed the limits specified under this condition during the audit period.	
Schedule 2, Condition 8	The <b>Applicant</b> must not: a; export more than 7.3 million tonnes of coal from the site in a calendar year; b; dispatch more than 7 trains a day from the site; and c; dispatch more than 3 trains a day from the site, when averaged over each calendar year.	Compliant		2020, 2021 and YEM 2023 Annual Reviews 2020, 2021 and 2022 Train movement records	The Annual Reviews reported on tonnes of product coal railed from the RCN rail loop in the audit period: - 2.0 million tonnes in 2020 - 2.2 million tonnes in 2021 - 1.6 million tonnes from January 2022 to March 2023  Train movement records for the audit period show that no more than seven trains per day were dispatched from Rix's Creek North, and no more than three trains per day when average over each calendar year.	Export of product from site was compliant with the requirements of this condition during the audit period.	
Schedule 2, Condition 9	The <b>Applicant</b> must not transport coal from the site by public road, except in an emergency situation and with the prior approval of the Secretary	Compliant		Audit interviews Site inspection	Bloomfield confirmed that no coal was transported from site by road during the audit period. Use of the Rix's Creek North rail infrastructure was observed during the site inspection. No evidence of transport offsite via other means was observed.	Product coal was only transported by rail from site in the audit period.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 10	The Applicant must only carry out: a; open cut mining operations in the northern mining area from 7 am to 10 pm, seven days a week (including public holidays); and b; vegetation clearing and topsoil stripping on site between 7 am and 6 pm.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Dulwich Strip 2 Permit to Disturb dated 09/03/2023 Audit interviews	No mining was undertaken in the northern mining area during the audit period.  Vegetation clearing and stripping activities are internally authorised and managed through the Permit to Disturb process. Hours of operation for vegetation clearing and topsoil stripping are specified within the permit. The Dulwich Strip 2 permit was sighted. The permit specified for vegetation clearing and topsoil stripping works to be completed between 7 am - 6 pm.	Relevant works were carried out within the required hours during the audit period.	
Schedule 2, Condition 11	By the end of June 2017, or as otherwise agreed by the Secretary, the Applicant must surrender all existing development consents and project approvals for the site (other than this consent and the development consent for the Glennies Creek to Ashton Water Pipeline granted by Council on 13 February 2004) in accordance with Sections 75YA and 104A of the EP&A Act	Compliant		2017 Rix's Creek North Independent Environmental Audit report	Compliance against this condition was assessed during the 2017 Independent Environmental Audit.	All requirements of this condition have been satisfied.	
Schedule 2, Condition 12	Prior to the surrender of these consents and/or approvals, the conditions of this consent (including any notes) must prevail to the extent of any inconsistency with the conditions of these consents and/or approvals.	Noted				Noted.	
Schedule 2, Condition 13	The Applicant must 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	Not Triggered		Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	No buildings or structures were constructed or altered during the audit period at Rix's Creek North.	This condition was not triggered during the audit period.	
Schedule 2, Condition 14	The Applicant must ensure that all demolition work is carried out in accordance with Australian Standard AS 2601-2001: The Demolition of Structures, or its latest version	Not Triggered		Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	No demolition work was carried out at Rix's Creek North.	This condition was not triggered during the audit period.	
Schedule 2, Condition 15	Unless the Applicant and the applicable authority agree otherwise, the Applicant must: a; repair or pay the full costs associated with repairing, any public infrastructure that is damaged by the project; and b; relocate, or pay the full costs associated with relocating, any public infrastructure that needs to be relocated as a result of the project, except where impacts to such works have otherwise been fully compensated through the compensation provisions of the Mining Act 1992	Not Triggered		Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	No repairs or relocation of public infrastructure was required during the audit period as a result of the development.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 2, Condition 16	The Applicant must ensure that all the plant and equipment used on site, or to transport coal from the site, is: a; maintained in a proper and efficient condition; and b; operated in a proper and efficient manner	Compliant		Audit Interviews Site Inspection Operator statement of competency Pulse Service Schedule dated 27/11/2023 SPRY Haulage Plan for YEM2025	Equipment maintenance tracking and scheduling is managed in the site 'Pulse' system.  Completion of routine equipment servicing was observed at the site Workshop during the inspection. A pre-start inspection of a site light vehicle was also observed.  A statement of competency was sighted for an equipment operator who was undertaking rehabilitation works. The operator was found to have the required competencies and experience to operate the tractor being used in a proper and efficient manner.  Haulage efficiency planning is undertaken as part of annual budget planning. Haulage modelling for YEM2025 was sighted.	Plant and equipment used onsite was generally observed to be maintained and operated in a proper and efficient manner.	
Schedule 2, Condition 17	Where conditions of this consent require consultation with an identified party, the Applicant must: a; consult with the relevant party prior to submitting the subject document; and b; provide details of the consultation undertaken including: (i) the outcome of that consultation, matters resolved and unresolved; and (ii) details of any disagreement remaining between the party consulted and the Applicant and how the Applicant has addressed the matters not resolved.	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Biodiversity Management Plan (rev C) Heritage Management Plan (v6) Exploration Activities Management Plan (v1.4) Rehabilitation Management Plan (v1.0) Riparian Management Plan (v1.0)	All management plans required under this consent provide evidence of consultation with identified parties.	Consultation was observed to have occurred where required by the conditions of this consent.	
Schedule 2, Condition 18	The Applicant must ensure that all of its employees, contractors (and their sub-contractors) are made aware of, and are instructed to comply with, the conditions of this consent relevant to activities they carry out in respect of the development.	Compliant		Worker Induction Package Part 3	Part 3 of the Bloomfield induction package covers site environmental approvals, compliance and worker obligations. This induction is delivered to all employees and contractors.	All employees and contractors are made aware of and are instructed to comply with the conditions of this consent through the site induction process.	
Schedule 2, Condition 19	References in the conditions of this consent to any guideline, protocol, Australian Standard or policy are to such guidelines, protocols, Standards or policies in the form they are in as at the date of this consent.	Noted				Noted.	
Schedule 2, Condition 20	However, consistent with the conditions of this consent and without altering any limits or criteria in this consent, the Planning Secretary may, when issuing directions under this consent in respect of ongoing monitoring and management obligations, require compliance with an updated or revised	Not Triggered		Audit interviews	No directions were received in the audit period to comply with an updated, revised or replacement version of a guideline, protocol, Standard or policy.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	version of such a guideline, protocol, Standard or policy, or a replacement of them						
Schedule 3, Condition 1	Upon receiving a written request for acquisition from an owner of the land containing a residential receiver listed in Table 1, the Applicant must acquire the land in accordance with the procedures in conditions 6 and 7 of Schedule 4. For the purposes of acquisition under this condition, parcels of land that are in close proximity and operated as a single agricultural enterprise by the owner of a listed residential receiver should be included as part of the land to be acquired. Where the Applicant and the owner(s) cannot agree whether non-contiguous parcels of land should be included, either party may refer the matter to the Secretary for resolution. The Secretary's decision as to the lands to be included for acquisition under the procedures in conditions 7 and 8 of Schedule 4 must be final.	Not Triggered		Audit interviews	No requests for acquisition were received under the conditions of this consent during the audit period.	This condition was not triggered during the audit period.	
Schedule 3, Condition 2	Except for the land referred to in Table 1 for which the acquisition basis is noise, the Applicant must ensure that the noise generated by the project does not exceed the criteria in Table 2 at any residence on privately-owned land or on more than 25 percent of any privately-owned land. However, these criteria do not apply if the Applicant, or another mining company, has acquired the land or if the Applicant has a written agreement with the relevant landowner to exceed the criteria, and the Applicant has advised the Department in writing of the terms of this agreement. Noise generated by the project is to be measured in accordance with the relevant requirements of the INP. Appendix 5 sets out the requirements for evaluating compliance with these criteria.	Compliant		Monthly noise monitoring reports from November 2020 to October 2023 2020, 2021, and YEM 2023 Annual Reviews	The monthly noise monitoring reports prepared by SLR were reviewed. The noise criteria assessment in Section 4.2 of the reports shows there were no exceedances at any location during the audit period.	No noise exceedances were reported within the audit period at any residence on privately-owned land.	
Schedule 3, Condition 3	<b>If noise generated by the project exceeds the criteria in Table 3 at any residence on privately-owned land or on more than 25 percent of any privately-owned land, then upon receiving a written request for acquisition from the owner, the Proponent must acquire the land in accordance with the procedures in conditions 7 and 8 of Schedule 4.</b>	Not Triggered		Monthly noise monitoring reports from November 2020 to February 2021 2020 and 2021 Annual Reviews	Refer to evidence provided for Schedule 3, Condition 2	No noise exceedances were reported within the audit period at any residence on privately-owned land.	
Schedule 3, Condition 4	The Applicant must implement all reasonable and feasible measures to ensure that the noise generated by the project combined with the noise generated by other mines in the vicinity does not exceed the criteria in Table 4 at any residence on privately-owned land or on more than 25 percent of any privately-owned land (except for the residential receivers in Table 1 for which the acquisition basis is noise). The Applicant must share the costs associated with implementing these measures on as equitable basis as possible with the relevant mines. Cumulative noise is to be measured in accordance with the relevant requirements of the INP. Appendix 5 sets out the requirements for evaluating compliance with these criteria. For the purposes of this condition, 'reasonable and feasible avoidance and mitigation measures' includes, but is not limited to, the requirements in conditions 9 and 10 to develop and implement a real-time noise management	Compliant		Monthly noise monitoring reports from November 2020 to October 2023 2020, 2021, and YEM 2023 Annual Reviews	Refer to evidence provided for Schedule 3, Condition 2	No noise exceedances were reported within the audit period at any residence on privately-owned land.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	system that ensures effective operational response to the risk of exceedance of the criteria.						
Schedule 3, Condition 5	If the noise generated by the project combined with the noise generated by other mines in the vicinity exceeds the criteria in Table 5 at any residence on privately-owned land or on more than 25 percent of privately-owned land (except for the residential receivers in Table 1 for which the acquisition basis is noise), then upon receiving a written request for acquisition from the landowner, the Proponent must acquire the land on as equitable basis as possible with the relevant mines in accordance with the procedures in conditions 7 and 8 of Schedule 4. Cumulative noise is to be measured in accordance with the relevant requirements of the INP. Appendix 5 sets out the requirements for evaluating compliance with these criteria.	Not Triggered		Monthly noise monitoring reports from November 2020 to February 2021 2020 and 2021 Annual Reviews	Refer to evidence provided for Schedule 3, Condition 2	No noise exceedances were reported within the audit period at any residence on privately-owned land.	
Schedule 3, Condition 6	Upon receiving a written request from the owner of any residence: (a) on the land listed in Table 1 for which the acquisition basis is noise; or (b) on land listed in Table 6. the Applicant must implement additional noise mitigation measures (such as double-glazing, insulation, and/or air conditioning) at the residence in consultation with the landowner. If within 3 months of receiving this request from the owner, the Applicant and the owner 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.	Compliant		Audit interviews 2020 Rix's Creek North Mine Independent Environmental Audit Report	No new requests for mitigation were received during the audit period. However, the installation of mitigation measures for requests received in the previous audit period was completed. Refer to evidence provided for SSD 6300 Schedule 2, Condition D2.	Bloomfield has implemented additional noise mitigation measures as requested in the audit period.	
Schedule 3, Condition 7	If the cumulative noise generated by the project combined with the noise generated by other mines in the vicinity exceeds the criteria at any residence on the land referred to in Table 8, then upon receiving a written request from the owner, the Proponent must implement additional noise mitigation measures (such as double-glazing, insulation, and/or air conditioning) at the residence in consultation with the landowner. The Proponent must share the costs associated with implementing these measures on as equitable basis as possible with the relevant mines. If within 3 months of receiving this request from the owner, the Proponent and the owner 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. Cumulative noise is to be measured in accordance with the relevant requirements of the INP. Appendix 5 sets out the requirements for evaluating compliance with these criteria.	Not Triggered		Monthly noise monitoring reports from November 2020 to February 2021 2020 and 2021 Annual Reviews	Refer to evidence provided for Schedule 3, Condition 2	No noise exceedances were reported within the audit period at any residence on privately-owned land.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 8	The Applicant must seek to ensure that its rail spur is only accessed by locomotives that are approved to operate on the NSW rail network in accordance with noise limits L6.1 to L6.4 in RailCorp's EPL (No. 12208) and ARTC's EPL (No. 3142) or a Pollution Control Approval issued under the former Pollution Control Act 1970.	Not Triggered		2020 Rix's Creek North Mine Independent Environmental Audit Report	The previous 2020 IEA found that "RailCorp and ARTC's EPL have been modified to remove the requirement to ensure locomotives meet noise goals. Each of the rail haulage providers now have an EPL and they must comply with their conditions including the use of EPA approved locomotives".	This condition is no longer considered relevant.	
Schedule 3, Condition 9	The Applicant must: a; implement best practice noise management, including all reasonable and feasible noise mitigation measures, to minimise the operational, low frequency, and rail noise generated by the project at all times, including during temperature inversions; b; operate a comprehensive noise management system that uses a combination of predicted meteorological forecasting and real-time noise monitoring data to guide the day-to-day planning of mining operations and the implementation of both proactive and reactive mitigation measures to ensure compliance with the relevant conditions of this consent; c; maintain or improve the effectiveness of noise suppression equipment on plant at all times and ensure defective plant is not used operationally until fully repaired; d; ensure that noise attenuated plant is deployed preferentially in locations relevant to sensitive receivers; e; minimise the noise impacts of the project during meteorological conditions under which data is to be excluded for the purposes of assessing compliance with these conditions (see Appendix 5); and f; co-ordinate the noise management on site with noise management at nearby mines (including Integra Underground, Ashton, Rix's Creek South and the Mount Owen Complex) to minimise cumulative noise impacts, to the satisfaction of the Secretary	Compliant		Monthly noise monitoring reports from November 2020 to October 2023 RCM Noise Management Plan (v2.0) Site inspection Audit interviews Attended noise monitoring recording sheet dated 05/10/2023 Night time noise monitoring summary sheet dated 12/10/2023 Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023 Mobile Plant Sound Power Screening Report 2021 Mobile Plant Sound Power Screening Report 2020 Sighted EnvMet and Teledata systems Inter-Mine Meeting Minutes dated 30/09/2021 Operational excavator downtime records Sound attenuation maintenance work orders	(a) Proactive and reactive noise management measures are specified within Section 7 of the site Noise Management Plan. These measures were verified during the site inspection including: -Use of the EnvMet predictive modelling system -Bunding/noise barriers around certain areas of the operation -Equipment fitted with noise attenuation controls -Multiple overburden emplacement levels for deeper emplacement during adverse conditions (b, d & e) The EnvMet system is used to assess meteorological forecasts and model noise levels from the operation. Data from this system is communicated daily to OCEs and supervisors to assist in work planning. Night-time attended noise monitoring is completed nightly by a qualified technician to assist in real-time adaptive management of mining operations to manage compliance with noise limits. During noise enhancing conditions, mining operations are adjusted to locations further from sensitive receptors or to locations deeper within the pit. (c) Plant and equipment noise attenuation requirements for site are provided in Section 4.1.1 of the Noise Management Plan. Twenty new haul trucks (Cat 793F) with a lower sound power level have been purchased to replace outdated equipment. Regular sound power testing and maintenance of sound attenuation equipment is carried out. (f) The Noise Management Plan (Section 6.8) provides a cumulative noise protocol. This protocol includes quarterly meetings with neighbouring mines (including Integra Underground, Ashton, and Mount Owen Complex) to discuss the management of cumulative impacts. Meeting minutes from September 2021 were sighted and included discussion on noise impacts.	All requirements of this condition were met during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 10	<p>The Applicant must prepare a Noise Management Plan for the project to the satisfaction of the Secretary. This plan must:</p> <p>a; be prepared in consultation with the EPA, and then submitted to the Secretary for approval;</p> <p>b; describe the measures that would be implemented to ensure:</p> <ul style="list-style-type: none"> <li>• compliance with the noise criteria and operating conditions of <a href="#">this consent</a>; and</li> <li>• best management practice is being employed;</li> </ul> <p>c; describe the noise management system in detail;</p> <p>d; include a noise monitoring program that:</p> <ul style="list-style-type: none"> <li>• uses a combination of real-time and supplementary attended monitoring measures to evaluate the performance of the project;</li> <li>• includes a protocol for determining exceedances of the relevant conditions in <a href="#">this consent</a>;</li> <li>• evaluates and reports on the effectiveness of the noise management system and the best practice noise management measures; and</li> </ul> <p>e; includes a protocol that has been prepared in consultation with the owners of nearby mines (including Integra Underground, Ashton, Rix's Creek South and the Mount Owen Complex) to minimise the cumulative noise impacts of the mines.</p> <p>The Applicant must implement the management plan as approved by the Secretary.</p>	Compliant		<p>Rix's Creek Mine Noise Management Plan v2.0</p> <p>Site inspection</p> <p>Audit interviews</p> <p>Monthly noise monitoring reports from November 2020 to October 2023</p> <p>Attended noise monitoring recording sheet dated 05/10/2023</p> <p>Night time noise monitoring summary sheet dated 12/10/2023</p> <p>Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023</p> <p>Mobile Plant Sound Power Screening Report 2021</p> <p>Mobile Plant Sound Power Screening Report 2020</p> <p>Sighted EnvMet and Teledata systems</p> <p>Inter-Mine Meeting Minutes dated 30/09/2021</p>	<p>The site Noise Management Plan was reviewed against the requirements of this condition:</p> <p>(a) Consultation with the EPA was completed and evidence was provided in Appendix D of the management plan. The EPA did not provide any feedback on the plan. The Noise Management Plan has also been submitted to DPE and was approved on 17/06/2021.</p> <p>(b) Noise management measures in line with this condition are provided in Section 7 of the plan.</p> <p>(c) The noise management system is described in Sections 5 and 7 of the plan.</p> <p>(d) The management plan includes a noise monitoring program that is described within Sections 5 (Internal Monitoring) and 6 (Compliance Attended Monitoring).</p> <p>(e) The management plan includes a cumulative noise protocol that has been developed collaboratively with other nearby mines in Section 6.8.</p> <p>The Noise Management Plan has been implemented during the audit period. Refer to evidence provided for Schedule 3, Condition 9.</p> <p>No noise exceedances were recorded during the audit period.</p>	<p>A Noise Management Plan has been prepared for the development, in accordance with the requirements of this condition, and approved by a nominee of the Secretary. The Noise Monitoring Plan was implemented during the audit period.</p>	
Schedule 3, Condition 11	<p>The Applicant must ensure that the blasting on site does not cause exceedances of the criteria in Table 9. However, these criteria do not apply if the Applicant has a written agreement with the relevant landowner or infrastructure owner to exceed the criteria, and the Applicant has advised the Department in writing of the terms of this agreement.</p>	Compliant		<p>Dulwich Blast Agreement dated 13/05/2019</p> <p>2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports</p> <p>2020, 2021 and YEM 2023 Annual Reviews</p>	<p>Bloomfield has an agreement in place with the Dulwich property to exceed the blasting criteria. A copy of the agreement was sighted.</p> <p>No exceedances of the blast criteria were recorded during the audit period as a result of blasting activities carried out at Rix's Creek North.</p>	<p>Blasting did not cause exceedances of the criteria specified in Table 9 at applicable locations during the audit period.</p>	
Schedule 3, Condition 12	<p>The Applicant must only carry out blasting on site between 9 am and 5 pm Monday to Saturday inclusive. No blasting is allowed on Sundays, public holidays, or at any other time without the written approval of the Secretary.</p>	Compliant		<p>2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports</p> <p>2020, 2021 and YEM 2023 Annual Reviews</p>	<p>Blast monitoring reports were reviewed to ensure no blasts were carried out on Sundays, public holidays or outside the approved times. All blasts occurred between 9 am to 5 pm Monday to Saturday.</p>	<p>All blasts within the audit period were found to be compliant with the requirements of this condition.</p>	
Schedule 3, Condition 13	<p>The Applicant must not carry out more than:</p> <p>a;3 blasts a day across the northern and western mining areas unless an additional blast is required following a blast misfire; and</p> <p>b;10 blasts a week on site, averaged over 12 months</p>	Compliant		<p>2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports</p> <p>2020, 2021 and YEM 2023 Annual Reviews</p>	<p>Blast monitoring reports were reviewed for the number of blasts completed per day and per week. No more than three blast events were carried out per day and a maximum of 10 blast events occurred per week, averaged over each year in the audit period.</p>	<p>All blasts within the audit period were compliant with the requirements of this condition.</p>	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 14	<p>If the <b>Applicant</b> receives a written request from the owner of any privately-owned land within 2 kilometres of the approved open cut mining pits on site for a property inspection to establish the baseline condition of any buildings and/or structures on his/her land, or to have a previous property inspection report updated, then within 2 months of receiving this request the <b>Applicant</b> must:</p> <p>a; commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary to:</p> <ul style="list-style-type: none"> <li>• establish the baseline condition of the buildings and/or structures on the land or update the previous property inspection report; and</li> <li>• identify any measures that should be implemented to minimise the potential blasting impacts of the project on these buildings and/or structures; and</li> </ul> <p>b; give the landowner a copy of the new or updated property inspection report</p>	Not Triggered		Audit interviews	Bloomfield confirmed that there were no written requests for a property inspection within the audit period.	This condition was not triggered during the audit period.	
Schedule 3, Condition 15	<p>If any landowner of privately-owned land within 2 kilometres of any approved open cut mining pit on site claims that the buildings and/or structures on his/her land have been damaged as a result of blasting on site, then within 2 months of receiving this request the <b>Applicant</b> must:</p> <p>a; commission a suitably qualified, experienced and independent person, whose appointment has been approved by the Secretary, to investigate the claim; and</p> <p>b; give the landowner a copy of the property investigation report.</p> <p>If this independent property investigation confirms the landowner's claim, and both parties agree with these findings, then the <b>Applicant</b> must repair the damages to the satisfaction of the Secretary.</p> <p>If the <b>Applicant</b> or landowner disagrees with the findings of the independent property investigation, then either party may refer the matter to the Secretary for resolution.</p>	Not Triggered		Audit interviews Dulwich Blast Agreement dated 13/05/2019	Damage inspections and repairs are undertaken in line with the Dulwich property blast agreement. Apart from damage identified under this agreement, no claims of damage were received during the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 16	<p>The Applicant must:</p> <p>a; implement best blasting management practice on site to:</p> <ul style="list-style-type: none"> <li>• protect the safety of people and livestock in the surrounding area;</li> <li>• protect private or public property in the surrounding area;</li> <li>• minimise the dust and fume emissions of the blasting; and</li> </ul> <p>b; co-ordinate the blasting on site with the blasting at nearby mines (including Ashton, Rix's Creek South and the Mount Owen Complex) to minimise cumulative blasting impacts;</p> <p>c; co-ordinate the blasting on site with nearby underground mines (including Integra Underground) to minimise operational disturbance and to ensure the safety of underground personnel; and</p> <p>d; operate a suitable system to enable the public to get up-to-date information on the proposed blasting schedule on site,</p>	Compliant		<p>Blast Management Plan (v1.9)</p> <p>2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports</p> <p>Bloomfield website - Blasting Information page</p> <p>Site inspection</p> <p>Audit interviews</p> <p>SMS blast notifications dated 14/11/2022 and 26/05/2023</p> <p>Email blast notifications dated 09/11/2021 and 03/03/2023</p> <p>Greater Ravensworth blast planning forecast dated 17/09/2021</p>	<p>Section 4 of the Blast Management Plan details the management measures to minimise the impact of blasting on human safety, livestock, property and public infrastructure. These controls were verified during an audit interview with a site Drill and Blast Engineer:</p> <ul style="list-style-type: none"> <li>-Blast design is prepared to minimise blast impacts. Blast variables that are managed include shot size, location and height of the blast in the pit, and explosives type. The explosives type used is matched to the properties of the material to be blasted.</li> <li>-Blasts are postponed if weather conditions are unfavourable.</li> <li>-Relevant neighbours are provided notification of scheduled blasts.</li> </ul> <p>The blast management system is described in Section 4.1 of the Blast Management Plan and includes meteorological forecasts and predictive blast modelling. The EnvMet system used for meteorological forecasting and blast modelling (dust and fume) was sighted during the site inspection. The system has the ability to model blast variables including hole diameter, type, charge mass, stemming, k factor, location, date and time. This allows for blast impacts to be minimised in the blast planning stage.</p> <p>The site blast public information system is described in Section 4.1.1 of the plan. Details to register for SMS notifications are also provided on the company website. SMS messages sent to members on the notification list were sighted during the site inspection.</p> <p>The blast management coordination and cumulative protocol is described in Section 4.4 of the Blast Management Plan. The 2020, 2021 and YEM 2023 Annual Reviews state that Bloomfield sends out an email and text message blast notification to nearby mines prior to all blasts that provides a figure of the location of the blast and the intended time of firing. Bloomfield also receives blast notifications from nearby mines which identifies the intended time and position of the blast so that coordination of blast times can occur between mine sites. Email and SMS blast notifications sent to neighbouring mines were sighted. Greater Ravensworth blast planning forecasts were also sighted.</p>	The requirements of this condition were satisfied during the audit period.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 17	The Applicant must not undertake blasting within 500 metres of a; Middle Falbrook Road or Stony Creek Road without the approval of Council; b; the New England Highway without the approval of TfNSW; and c; the Main Northern Railway without the approval of the ARTC.	Compliant		Blast Management Plan v1.9 2020, 2021, and YEM 2023 Annual Reviews	Blasting at RCN is currently confined to the Camberwell Pit which is greater than 500 m from the roads and railway listed under this condition.	No blasting was undertaken within 500m of the infrastructure listed under this condition.	
Schedule 3, Condition 18	The Applicant must not carry out blasting in the northern or western mining areas that is within 500 metres of any privately-owned land or land not owned by the Applicant unless: a; the Applicant has a written agreement with the relevant landowner to allow blasting to be carried out closer to the land, and the Applicant has advised the Department in writing of the terms of this agreement; or b; the Applicant has: • demonstrated to the satisfaction of the Secretary that the blasting can be carried out without compromising the safety of the people or livestock on the land, or damaging the buildings and/or structures on the land; and • updated the Blast Management Plan to include the specific measures that would be implemented while blasting is being carried out within 500 metres of the land.	Compliant		Blast Management Plan v1.9 2020, 2021, and YEM 2023 Annual Reviews Dulwich Blast Agreement dated 13/05/2019 Dulwich Blasting Protocol (v1.0)	The Dulwich Blast Agreement dated 13/05/2019, and the associated Dulwich Blasting Protocol, allow for blasting to be undertaken within 500m of the property.	Blasting within 500 metres of any privately-owned land was carried out in accordance with the requirements of this condition.	
Schedule 3, Condition 19	The Applicant must prepare a Blast Management Plan for the project to the satisfaction of the Secretary. This plan must: a; be prepared in consultation with EPA, and then submitted to the Secretary for approval; b; describe the blast mitigation measures that would be implemented to ensure compliance with the relevant condition of this consent; c; describe the measures that would be implemented to ensure that the public can get up-to-date information on the proposed blasting schedule on site; d; include an agreed strategy for the management of potential blast interactions with Integra Underground, including details of agreed: • systems for the prior and timely notification of scheduled blasting and subsidence activities; • personnel evacuation and safety protocols for specific blast events; and • procedures and protocols for managing the interaction of the two mines; and e; include a blast monitoring program to evaluate the performance of the project; and f; include a protocol that has been prepared in consultation with the owners of the nearby mines (including Ashton, Rix's Creek South and the Mount Owen Complex) for minimising and managing the cumulative blasting impacts of the mines. The Applicant must implement the management plan as approved by the Secretary.	Compliant		Blast Management Plan (v1.9) Letter from EPA to Bloomfield dated 26/06/2020. 2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports Bloomfield website - Blasting Information page Site inspection Audit interviews SMS blast message	The site blast management plan was sighted and was confirmed to address the following: (a) Evidence of consultation with EPA sighted (letter dated 26/06/2020). The EPA declined to provide input. The management plan was submitted to DPE for approval on 29/06/2020. (b) The blast management system and management measures are described in Section 4 of the plan. (c) The blast information system used to provide the public with up-to-date information on proposed blasting is provided in Section 4.1.1 of the plan. (d & f) A blast management coordination and cumulative protocol is provided in Section 4.4 of the plan. (e) A monitoring program is included in Section 5 of the plan.  The Blast Management Plan was generally implemented during the audit period. Refer to evidence provided for Schedule 3, Condition 16.	A Blast Management Plan has been prepared for the development and implemented generally in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 20	The Applicant must ensure that no offensive odours are emitted from the site, as defined under the POEO Act	Compliant		2020, 2021, 2022 and 2023 Complaints registers Site inspection Audit interviews	There were no complaints made in relation to odour during the audit period. No offensive odours were detected during the site visit. Low odour biosolids are used for rehabilitation areas close to sensitive receptors. A biosolid stockpile and applied rehabilitation area were inspected during the site visit and no odour was detected in these areas.	Odour from the operation was effectively managed during the audit period.	
Schedule 3, Condition 21	The Applicant must implement all reasonable and feasible measures to minimise the release of greenhouse gas emissions from the site to the satisfaction of the Secretary	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Site inspection Audit interviews	Greenhouse gas management measures are detailed in the Air Quality and Greenhouse Gas Management Plan.  Measures to reduce emissions were implemented in the audit period. Most notably, twenty new Cat 793F haul trucks with improved fuel efficiency were purchased to replace outdated equipment. Bloomfield is also in the initial concept phase of the Bridgeman Solar Farm project which is proposed to be constructed on land owned by the mine.  Maintenance of diesel equipment was observed during the site inspection.	Reasonable and feasible measures to minimise the release of greenhouse gas emissions from the operation were implemented during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 22	Except for the land referred to in Table 1 for which the acquisition basis is air quality, the Applicant must ensure that all reasonable and feasible avoidance and mitigation measures are employed so that the project does not exceed the criteria listed in Table 10 at any residence on privately-owned land or on more than 25 percent of any privately-owned land. For the purposes of this condition, 'reasonable and feasible avoidance and mitigation measures' includes, but is not limited to, the requirements in conditions 26 and 27 to develop and implement a real-time air quality management system that ensures effective operational response to the risk of exceedance of the criteria.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Rix's Creek Air Quality Results Spreadsheet	The annual reviews from the audit period confirm there were no air quality non-compliances against Condition B22 of SSD 6300. Information the Annual Reviews showed that: - Annual average TSP concentrations (as inferred from PM10) did not exceed the impact assessment criteria at monitors representative of residences on privately-owned land. - Annual average PM10 concentrations did not exceed the impact assessment criteria at monitors representative of residences on privately-owned land. - All 24-hour average PM10 concentrations above 50 µg/m3 were investigated. The investigations confirmed that Bloomfield had not caused the exceedances. Evidence of reasonable and feasible avoidance and mitigation measures was available. These included water carts, speed limits, and water sprays. - Annual average deposited dust levels did not exceed the impact assessment criteria at monitors representative of residences on privately-owned land. - The Annual Reviews recorded times where the data capture for the TEOMs was less than 90% (for example, due to equipment malfunctions). This lowered the data capture and affected the annual averages however the nearby DPE monitoring was considered.	The monitoring has shown that operations have not caused additional exceedances of the criteria at locations representative of residences on privately owned land.	Improvement opportunity: Monthly PM10 and TSP is presented in the Annual Reviews. However, there are no criteria for monthly PM10 and TSP. It is suggested that the plots show 24-hour and annual averages only going forward.
Schedule 3, Condition 23	If particulate matter emissions generated by the project cause or contribute to exceedance of the cumulative criteria in Table 11 at any residence on privately-owned land or on more than 25 percent of any privately owned land, then upon receiving a written request for acquisition from the landowner the Proponent must acquire the land in accordance with the procedures in condition 7 and 8 of Schedule 4.	Not Triggered		Audit interviews	No written requests for acquisition were received under the conditions of this consent.	This condition was not triggered during the audit period.	
Schedule 3, Condition 24	Upon receiving a written request from the owner of any residence: a; on the land listed in Table 1 for which the acquisition basis is air quality; or b; on the land listed in Table 12, the Applicant must implement additional reasonable and feasible dust mitigation measures (such as a first flush roof system, internal or external air filters, and/or air conditioning) at the residence in consultation with the owner. If within 3 months of receiving this request from the owner, the Applicant and the owner 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.	Compliant		Audit interviews 2020 Rix's Creek North Mine Independent Environmental Audit Report	No new requests for mitigation were received during the audit period. However, the installation of mitigation measures for requests received in the previous audit period was completed. Refer to evidence provided for SSD 6300 Schedule 2, Condition D2.	Bloomfield has implemented additional air quality mitigation measures as requested in the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 25	The Applicant must ensure that particulate matter emissions generated by the project do not exceed the criteria in Table 10 at any occupied residence on any mine-owned land (including land owned by adjacent mines), unless: a; the tenant and/or landowner has been notified of any health risks in accordance with the notification requirements under Schedule 4 of this consent; b; the tenant on land owned by the Applicant can terminate the tenancy agreement without penalty, subject to giving reasonable notice, and the Applicant uses its best endeavours to provide assistance with relocation and sourcing of alternative accommodation; c; air mitigation measures such as air filters, a first flush roof water drainage system and/or air conditioning) are installed at the residence, if requested by the tenant and landowner (where owned by another mine other than the Applicant); d; particulate matter air quality monitoring is undertaken to inform the tenant and landowner (where owned by a mine other than the Applicant) of potential health risks; and e; monitoring data is presented to the tenant in an appropriate format, for a medical practitioner to assist the tenant in making an informed decision on the health risks associated with occupying the property, to the satisfaction of the Secretary.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Rix's Creek Air Quality Results Spreadsheet Tenant notifications	Refer to evidence provided for Schedule 3, Condition 22. The annual reviews from the audit period confirm there were no air quality non-compliances. Letters notifying tenants of potential health risks were reviewed. These letters (26) confirmed the potential exceedances, outlined the 14-day notice period, confirmed the monitoring, and were in a format suitable for a medical practitioner.	The requirements of this condition were satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 26	<p>The Applicant must:</p> <p>a; implement best practice air quality management on site, including all reasonable and feasible measures to minimise the off-site odour, fume and dust emissions generated by the project, including those generated by spontaneous combustion;</p> <p>b; maintain the site in a condition which minimises the emission of air pollution (including dust) from the premises;</p> <p>c; operate a comprehensive air quality management system on site that uses a combination of predictive meteorological forecasting and real-time air quality monitoring data to guide the day to day planning of mining operations and the implementation of both proactive and reactive air quality mitigation measures to ensure compliance with the relevant conditions of this consent;</p> <p>d; minimise the air quality impacts of the project during adverse meteorological conditions and extraordinary events (see noted in condition 22);</p> <p>e; minimise surface disturbance on the site;</p> <p>f; co-ordinate the air quality management on site with the air quality management of nearby mines (including Integra Underground, Ashton, Rix's Creek South and the Mount Owen Complex) to minimise cumulative air quality impacts; and</p> <p>g; ensure all plant and equipment installed at the site or used in connection with the project is</p> <ul style="list-style-type: none"> <li>maintained in a proper and efficient condition; and</li> <li>operated in a proper and efficient manner, to the satisfaction of the Secretary.</li> </ul>	Compliant		<p>Air Quality and Greenhouse Gas Management Plan (v1.6)</p> <p>Site inspection</p> <p>Audit interviews 2020, 2021, 2022 and 2023</p> <p>Complaints registers</p> <p>Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023</p> <p>Inter-Mine Meeting Minutes dated 30/09/2021</p> <p>Operational excavator downtime records</p>	<p>Operations at Rix's Creek have been reviewed. The following outcomes were noted:</p> <p>(a)(c)(d) The air quality management systems in place at Rix's Creek is consistent with best practice at open cut coal mines in NSW. These systems include a combination of visual triggers, real-time off-site air quality monitoring, alerts, and a trigger action response plan. Approved management plans have been developed and implemented, as observed during the site inspection. There is evidence of training to operators. There was no indication of issues relating to spontaneous combustion (either from the site inspection, interviews or complaints records). As per the Air Quality and Greenhouse Gas Management Plan, coal seams mined at Rix's Creek are not susceptible to spontaneous combustion. Despite this, Bloomfield has in place a Spontaneous Combustion Principal Mining Hazard Management Plan.</p> <p>(b) The site inspection did not identify any significant visible emissions to air generated by Rix's Creek. Water trucks were being used for road dust suppression and vehicle speeds were minimised. Watercart fill points were appropriately positioned for efficient access to haul roads.</p> <p>(e) Evidence from the Annual Reviews and field inspection indicated that surface disturbance was generally minimised.</p> <p>(f) Inter-mine meetings are regularly held between Rix's Creek and neighbouring mines (including Integra Underground, Ashton, and Mount Owen Complex) to discuss cumulative environmental impacts including air quality. Meeting minutes from September 2021 were sighted and included discussion on air quality impacts.</p> <p>(g) Equipment maintenance tracking and scheduling is managed in the site 'Pulse' system. Completion of routine equipment servicing was observed at the site Workshop. A pre-start inspection of a site light vehicle was observed.</p> <p>In addition, the following controls listed in the site Air Quality and Greenhouse Gas Management Plan were validated during the site inspection and audit interviews, and address the requirements of this condition:</p> <ul style="list-style-type: none"> <li>An automatic email alert system is used by the site through the Teledata software to provide early notification of elevated dust levels. Previous email alerts were sighted during the site</li> </ul>	The requirements of this condition were satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					<p>inspection. Real-time monitoring data in the Teledata system was also sighted during the site inspection.</p> <ul style="list-style-type: none"> <li>- EnvMet system is used for predictive fume rating, predictive air quality modelling (three-day forecasts) and meteorological forecasting.</li> <li>- Daily communications are sent from the Environment Team to site OCEs and supervisors each morning to advise of the predicted meteorological conditions and air quality forecast for the next three days. These communications allow supervisors to plan work in accordance with the predicted conditions.</li> <li>- Visual in-field dust inspections completed by Environment Team members, OCEs and operators are also used to assess air quality and determine if operational changes are required. If required, activities are changed or put on hold to prevent air quality non-compliances. All changes and shutdowns due to elevated dust levels are recorded in the site Pulse system.</li> <li>- Effective water cart operation, speed limit signage and minimal wheel-generated dust emissions were observed during the site inspection.</li> <li>- Topsoil stockpiles observed during the site inspection had been transported directly from the strip area and had been shaped and seeded to minimise wind erosion.</li> <li>- A total of nine complaints in relation to dust were received during the three-year audit period. All complaints were immediately actioned as recorded in the complaints register.</li> <li>- Improvements to energy efficiency and measures to reduce emissions were implemented in the audit period. Lighting across the site was replaced during the audit period with more energy efficient LED lighting. Twenty new Cat 793F haul trucks with improved fuel efficiency were also purchased to replace outdated equipment. Bloomfield is also in the initial concept phase of the Bridgeman Solar Farm project which is proposed to be constructed on land owned by the mine.</li> </ul>		

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 27	<p>The <b>Applicant</b> must prepare an Air Quality &amp; Greenhouse Gas Management Plan for the project to the satisfaction of the Secretary. This plan must:</p> <p>a; be prepared in consultation with EPA, and then submitted to the Secretary for approval;</p> <p>b; describe the measures that would be implemented to ensure:</p> <ul style="list-style-type: none"> <li>• compliance with the air quality criteria and operating conditions of <b>this consent</b>; and</li> <li>• best practice air quality management is being employed;</li> </ul> <p>c; describe the air quality management system in detail;</p> <p>d; include an air quality monitoring program that:</p> <ul style="list-style-type: none"> <li>• uses a combination of real-time monitors and supplementary monitors to evaluate the performance of the project;</li> <li>• includes a protocol for determining any exceedances of the relevant conditions of <b>this consent</b>;</li> <li>• adequately supports the proactive and reactive air quality management system;</li> <li>• includes PM2.5 monitoring (although this obligation could be satisfied by the regional air quality monitoring network if sufficient justification is provided);</li> <li>• evaluates and reports on the effectiveness of the air quality management system and the best practice air quality management measures;</li> </ul> <p>e; include a protocol that has been prepared in consultation with the owners of nearby mines (including Integra Underground, Ashton, Rix's Creek South and the Mount Owen Complex) to minimise the cumulative air quality impacts of the mines; <b>and</b></p> <p>f; be reviewed, updated and submitted to the Secretary for approval within three months of the determination of MOD 9 to include:</p> <ul style="list-style-type: none"> <li>• monitoring methods, including location frequency and duration of monitoring;</li> <li>• triggers for the implementation of reactive management strategies which are clearly articulated, and auditable; and</li> <li>• methods for documenting the implementation of proactive and reactive mitigation measures, to the satisfaction of the Secretary.</li> </ul> <p>The <b>Applicant</b> must implement the management plan as approved by the Secretary.</p>	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6)	<p>The Air Quality and Greenhouse Gas (AQGHG) Management Plan was reviewed against the requirements of this condition:</p> <p>(a) The EPA was consulted for input into the development of the management plan but did not provide input as per correspondence contained in Appendix C of the management plan.</p> <p>(b) Air quality management measures are provided in Section 5 of the management plan.</p> <p>(c) The air quality management system is described in Section 5 of the management plan.</p> <p>(d) An air quality monitoring program has been provided in Section 6 of the management plan. The monitoring program addresses the requirements of this condition. Furthermore, a protocol for determining compliance is provided in Section 7 of the plan. Review and reporting requirements are also outlined in Section 9.</p> <p>(e) A protocol to minimise cumulative impacts has been provided in Section 5.4.3 of the management plan.</p> <p>(f) The plan was updated and submitted to DPE within three months of the determination of MOD 9. Approval was provided by DPE on 23/06/2021. Correspondence is provided in Appendix C of the management plan.</p> <p>The management plan was implemented during the audit period. Refer to evidence provided in Schedule 2, Condition 26.</p>	An Air Quality and Greenhouse Gas Management Plan has been prepared for the project and approved by DPE. The management plan was implemented during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 28	For the life of the project, the Applicant must 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 b; is capable of continuous real-time measurement of temperature lapse rate in accordance with the NSW Industrial Noise Policy or as otherwise approved by the EPA	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Meteorological monitoring data spreadsheet Meteorological Station calibration sheets dated March and September 2021, 2022 and 2023 Correspondence from Bloomfield to DPE dated 10/02/2020 Correspondence from CBased Environmental to Bloomfield dated 20/12/19	Meteorological monitoring for the development is described in Section 6.1.5 of the Air Quality and Greenhouse Gas Management Plan: "One on-site Automatic Weather Station (AWS) is currently located at RCM (see Figure 5) which complies with the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (DEC, 2007) and the NSW Industrial Noise Policy (EPA, 2000). The meteorological station continuously monitors wind speed, wind direction, sigma-theta (the standard deviation of horizontal wind directions), lapse rate, temperature, rainfall, relative humidity and solar radiation." Operation of the meteorological station was verified through review of monitoring data from the station. Calibration records for the audit period and a statement of conformance from CBased Environmental confirm compliance of the station with the requirements of this condition. Correspondence from Bloomfield to DPE confirms the station was operational prior to commencement of mining operations.	The onsite automatic weather station was confirmed to be operational during the audit period and compliant with the requirements of this condition.	
Schedule 3, Condition 29	The Applicant must obtain all necessary water licences for the project under the Water Act 1912 or the Water Management Act 2000.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Water Management Plan (v2.8)	Water licences held by Bloomfield are described in the Water Management Plan and Annual Reviews for the audit period. These licences include WAL41500, WAL41555, WAL40777, and 20BL170864.	Necessary water licences have been obtained for the project.	
Schedule 3, Condition 30	The Applicant must ensure that it has sufficient water for all stages of the project, and if necessary, adjust the scale of mining operations to match its available water supply, to the satisfaction of the Secretary.	Compliant		Water Management Plan (v2.8) 2020, 2021 and YEM 2023 Annual Reviews Audit interviews RCM Continuation of Mining Project EIS (dated 26/10/2015) Pulse Annual Water Flowmeter Data	Section 4.3.2 of the Water Management Plan states that: "The site water balance model results predict that RCM will have a water surplus which is stored on site in surface water storages. The risk of a shortfall of water to meet the daily operational requirements at RCM is low. In the event that extended dry periods or drought lead to a water shortage, RCM may either reduce production to a level to suit water availability or additional water may be sourced from external sources, including additional water allocations or from other mining operations."  Water extraction licences are held by Bloomfield which provide additional water supply if adequate local supply is not available. Forecast groundwater extraction volumes against annual licence allocations are provided in the Water Management Plan (Table 7).  The Continuation of Mining Project EIS found that the proposed water management system has sufficient capacity to service the project	There was sufficient water supply for operations at Rix's Creek South during the audit period. Furthermore, predictive water balance modelling for the operation was undertaken as part of the RCM Continuation of Mining Project EIS. This modelling shows that there is predicted to be sufficient water for all future stages of the development.  However, it is noted that the Water Management Plan (Table 7) forecast groundwater extraction volumes are predicted to exceed annual licence allocations in 2024 and 2025. SLR was advised that "the forecast groundwater extraction will no longer	Improvement Opportunity: Consider updating the Water Management Plan in relation to changed forecast groundwater extraction due to the delay in mining which the Falbrook Pit which is now in care and maintenance and being used as a water storage area.



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					<p>during different climatic conditions including wetter than normal, and drier than normal conditions.</p> <p>As per the annual reviews, the operation had sufficient water supply for all years within the audit period.</p>	<p><i>occur due to the delay in mining the Falbrook Pit which is now in care and maintenance and being used as a water storage area. Also, the total water allocation held by Rix's Creek Mine for the Sydney Basin North Coast Groundwater Source under the North Coast Fractured and Porous Rock Groundwater Sources 2016 Waster Sharing Plan for the combined Rix's Creek South and Rix's Creek North exceeds the combined annual requirements at any stage of the project. If at any stage of the Project, the combined forecast groundwater extraction requirement exceeds current licencing volumes, Rix's Creek will source extra licencing for that period. Rix's Creek Mine is currently in discussion with another mining company to source extra licencing of the Sydney Basin North Coast Groundwater Source."</i></p>	
Schedule 3, Condition 31	The Applicant must offset the loss of any baseflow to the surrounding watercourses and/or associated creeks caused by the project to the satisfaction of the Secretary.	Not Triggered		2020, 2021, and YEM 2023 Annual Reviews	No impact on the baseflow of surrounding watercourses and creeks was reported in the audit period.	This condition was not triggered during the audit period.	
Schedule 3, Condition 32	The Applicant must provide compensatory water supply to any landowner of privately-owned land whose water entitlements are 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 must be provided (at least on an interim basis) as soon as practicable after the loss being identified. If the Applicant 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 Applicant is unable to provide an alternative long-term supply of water, then the Applicant must provide alternative compensation to the satisfaction of the Secretary.	Not Triggered		2020, 2021, and YEM 2023 Annual Reviews	No impact to water entitlements of neighbouring landowners was reported in the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 33	The <b>Applicant</b> must ensure that all surface water discharges from the site comply with the: a; discharge limits (both volume and quality) set for the project in any EPL; or b; relevant provisions of the POEO Act or Protection of the Environment Operations (Hunter River Salinity Trading Scheme) Regulation 2002	Not Triggered		Rix's Creek Mine Water Management Plan v2.8 2020, 2021, and YEM 2023 Annual Reviews EPL 3391 dated 15/12/2020	The site Water Management Plan states that the operation is a non-discharge site and that all mine water or sediment laden water must be retained within the site storage system. This was confirmed against EPL3391 which does not allow for discharge of water offsite. As such, there were no authorised discharges over the audit period. Furthermore, no unauthorised discharges were reported from Rix's Creek North mine during the audit period.	This condition was not triggered during the audit period.	
Schedule 3, Condition 34	The <b>Applicant</b> must not undertake any open cut mining operations within 150 metres of the Glennies Creek alluvial aquifer or Station Creek alluvial aquifer without the prior written approval of the Secretary. In seeking <b>this consent</b> , the <b>Applicant</b> must consult with <b>DPIE Water</b> and demonstrate to the satisfaction of the Secretary that adequate safeguards have been incorporated into the Surface and Groundwater Response Plan (see below) to minimise, prevent and/or adequately offset groundwater leakage from the alluvial aquifers	Compliant		2020, 2021, and YEM 2023 Annual Reviews Rix's Creek Mine Water Management Plan v2.8	The Annual Reviews from the audit period confirmed that Alluvial groundwater level monitoring indicated no response to mining outside of the influences of normal climatic variability in proximity to drawdown associated with the Falbrook Open Cut in the Glennie's Creek catchment, or the Camberwell Open Cut in the Glennie's Creek and Station Creek catchments.  The Water Management Plan also states in Table 17 that no open cut mining operations will take place within 150 metres of the Glennies Creek alluvial aquifer or Station Creek alluvial aquifer without the prior written approval of the Secretary.	No groundwater leakage from the alluvial aquifers was identified during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 35	The Applicant must comply with the performance measures in Table 13 to the satisfaction of the Secretary	Compliant		2020, 2021, and YEM 2023 Annual Reviews Site inspection Audit interviews Glennies and Station Creek Riparian Monitoring and Management Program (v1.0) Rix's Creek Mine Water Management Plan v2.8 Records of dam/drain maintenance Surface water monitoring data (2020-2023) including COC spreadsheets. Completed RCN ESC inspection forms. Pulse Annual Water Flowmeter Data Worker Induction	The performance measures provided in Table 13 were assessed and found to comply with the requirements of this condition: - Water transfers between neighbouring mines occurred during the audit period. - No fresh water was imported to site. - Results presented in the 2020, 2021 and YEM 2023 Annual Reviews confirm EIS predictions and show that no negative groundwater quality trends are being driven by mining operations in the area. Furthermore, results show that overall groundwater levels in the shallow regolith and alluvium aquifer systems are relatively stable with fluctuating responses to rainfall and no observable correlation to water levels in the Coal Measures. - Drains and culverts were sighted during the site inspection and were found to be well maintained. All creek crossings have been designed with culverts. - Clean water diversions and separation of clean and dirty water was observed onsite. - Adequate freeboard was observed in all site dams and pit voids. - Chemical and hydrocarbon products were suitably stored in bunded areas. - A Riparian Monitoring and Management Program has been developed for Glennies and Station Creek. - The Water Management Plan states that the total on site containment of process water is sufficient to contain an average recurrence interval (ARI) rainfall event of 1 in 100 years. - No new water management structures were constructed during the audit period.	Bloomfield has complied with the performance measures provided in Table 13 during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 36	<p>The <b>Applicant</b> must prepare a Water Management Plan for the project to the satisfaction of the Secretary. This plan must:</p> <p>a; be prepared in consultation with <b>BCD</b>, EPA, the <b>Resources Regulator</b> and Council, and be endorsed by <b>DPIE Water</b> and then submitted to the Secretary for approval;</p> <p>b; include detailed performance criteria and describe measures to ensure that the <b>Applicant</b> complies with the Water Management Performance Measures (see Table 13);</p> <p>c; include a Site Water Balance, which must:</p> <ul style="list-style-type: none"> <li>include details of: <ul style="list-style-type: none"> <li>sources and security of water supply;</li> <li>water use on site;</li> <li>water management on site; and</li> <li>any off-site water transfers, and</li> </ul> </li> <li>describe what measures would be implemented to minimise clean water use on site;</li> </ul> <p>d; include an Erosion and Sediment Control Plan, which must:</p> <ul style="list-style-type: none"> <li>identify activities that could cause soil erosion and generate sediment;</li> <li>describe measures to minimise soil erosion and the potential for the transport of sediment to downstream waters, and manage flood risk;</li> <li>describe the location, function and capacity of erosion and sediment control structures and flood management structures; and</li> <li>describe what measures would be implemented to maintain the structures over time;</li> </ul> <p>e; include a Surface Water Management Plan, which must include:</p> <ul style="list-style-type: none"> <li>detailed baseline data on surface water flows and quality in creeks and other waterbodies that could potentially be affected by the project;</li> <li>surface water and stream health impact assessment criteria including trigger levels for investigating any potentially adverse surface water impacts from the project (for existing creeks and reinstated/rehabilitated creeks);</li> <li>a program to monitor and assess: <ul style="list-style-type: none"> <li>surface water flows and quality;</li> <li>impacts on water users;</li> <li>stream health; and</li> <li>channel stability.</li> </ul> </li> </ul> <p>f; Include a Groundwater Management Plan, which must include:</p> <ul style="list-style-type: none"> <li>detailed baseline data of groundwater levels, yield and quality in the region, particularly for privately-owned groundwater bores that could be affected by the project;</li> <li>groundwater impact assessment criteria including trigger levels for investigating any potentially adverse groundwater water impacts; and</li> <li>a program to monitor and assess: <ul style="list-style-type: none"> <li>groundwater inflows to the mining operations;</li> <li>impacts on regional aquifers;</li> </ul> </li> </ul>	Compliant		<p>Rix's Creek Mine Water Management Plan v2.8</p> <p>Audit Interviews</p> <p>DPE Water Management Plan approval letter 15/03/2021</p> <p>Surface water monitoring data (2020-2023) including COC spreadsheets.</p>	<p>The Water Management Plan was reviewed against the requirements of this condition:</p> <p>(a) Evidence of consultation with BCD, EPA, the Resources Regulator and Singleton Council, and endorsement from DPIE Water is included within Appendix E of the management plan. The plan was also approved by DPE on 17/06/2021.</p> <p>(b) Details of the performance criteria and measures to ensure compliance are provided in Section 2.5.</p> <p>(c) A Site Water Balance is included in Section 4.3 of the management plan.</p> <p>(d) An Erosion and Sediment Control Plan is included in Section 6.1.2 of the Water Management Plan.</p> <p>(e) A Surface Water Management Plan is included in Section 5 of the Water Management Plan.</p> <p>(f) A Groundwater Management Plan is included in Section 8 of the Water Management Plan.</p> <p>(g) Groundwater and Surface Water Response Plans are provided in Sections 6.2 and 8.2 of the Water Management Plan.</p> <p>The management plan has generally been implemented during the audit period. Refer to evidence provided for Schedule 3, Condition 35.</p>	<p>A Water Management Plan has been prepared for the development and approved by DPE. The content of the management plan generally addresses the requirements of this condition.</p>	<p>Improvement Opportunity: Consider updating the water balance model.</p>

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<ul style="list-style-type: none"> <li>- impacts on the groundwater supply of potentially affected landowners;</li> <li>- impacts on the Glennies Creek and Station Creek; and</li> <li>- impacts on groundwater dependent ecosystems and riparian vegetation</li> </ul> g; a Surface and Groundwater Response Plan, which must include: <ul style="list-style-type: none"> <li>• a response protocol for any exceedances of the surface water and groundwater assessment criteria, including provisions for independent investigation by a suitable qualified hydrogeologist whose appointment has been approved by the Secretary;</li> <li>• measures to offset the loss of any baseflow to watercourses caused by the project;</li> <li>• measures to compensate landowners of privately-owned land whose water supply is adversely affected by the project; and</li> <li>• measures to mitigate and/or offset any adverse impacts on groundwater dependent ecosystems or riparian vegetation</li> </ul> The Applicant must implement the management plan as approved by the Secretary.						
Schedule 3, Condition 37	The Applicant must implement the biodiversity offset strategy summarised in Table 14, described in the open cut and underground project EAs (as amended by EA Mod 4), and shown conceptually in the figures in Appendix 8 to the satisfaction of the Secretary.	Compliant		Rix's Creek North Biodiversity Management Plan Revision C 2020, 2021 and YEM 2023 Annual Reviews Audit interviews OzArk Biodiversity Offset Audit dated March 2021	<p>Implementation of the biodiversity offset strategy is described in the Rix's Creek North Biodiversity Management Plan. Section 2.6 of the plan sets out the land management strategies and completion criteria to achieve the desired outcomes. All offset areas listed in Table 14 of this condition are included in the Biodiversity Management Plan. Refer to Schedule 3, Condition 40 for evidence of implementation of the management plan.</p> <p>Efforts were made during the audit period to finalise Conservation Agreements with the NSW Biodiversity Conservation Division (BCD) for the Rix's Creek North Martins Creek, Bridgman, Southern and Northern Biodiversity Offset Areas. However, the draft agreements are currently with BCD to be finalised.</p>	The biodiversity offset strategy described under this condition has been implemented.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 38	The biodiversity offset strategy must: a; ensure provision of at least 140 hectares of Narrow-leaved Ironbark-Spotted Gum-Forest Red Gum Forest (or a suitable equivalent) to further offset the impact of the open cut project; b; include an additional 6 hectares of Central Hunter Swamp Oak Forest (or a suitable equivalent) to offset the impacts from Integra Underground on the Glendell Biodiversity Offset Area; and c; include an offer to transfer the Appletree Flat Biodiversity Offset Area to BCD for long term conservation purposes. This offer must include sufficient funding for the ongoing management of the Appletree Flat Biodiversity Offset Area to the satisfaction of the Secretary.	Compliant		Rix's Creek North Mine Independent Environmental Audit 2020 report Rix's Creek North Biodiversity Management Plan Revision C	Baseline assessments have been conducted to identify vegetation types present within the biodiversity areas, including the presence of Narrow-leaved Ironbark-Spotted Gum-Forest Red Gum Forest and Central Hunter Swamp Oak Forest. This information is contained in the Biodiversity Management Plan. A total of 205.8 ha has been identified for offset of Narrow-leaved Ironbark-Spotted Gum-Forest Red Gum Forest. A total of 49.7 ha has been identified for offset of Central Hunter Swamp Oak Forest.  Compliance against sub-condition (c) was assessed during the previous Independent Environmental Audit. It was confirmed that the Appletree Flat biodiversity conservation area had been transferred to National Parks and Wildlife Service (NPWS).	The biodiversity offset strategy meets the requirements of this condition.	
Schedule 3, Condition 39	By 31 October 2016, or as otherwise agreed by the Secretary, the Applicant must make suitable arrangements to provide appropriate long term security for all the areas in the biodiversity offset strategy to the satisfaction of the Secretary.	Non-compliant	Low	Correspondence from Bloomfield to DPE dated 28/04/2021 Correspondence from DPE to Bloomfield dated 06/05/2020 and 16/06/2021	Conservation agreements have not yet been finalised. Refer to Schedule 3, Condition 37.  Approval from DPE was sighted to extend the timeframe required to secure these offset areas. Evidence was found for approval of extension up to 30/06/2022. No evidence of further extension approval beyond this date has been sighted.	Suitable arrangements to provide appropriate long term security for all the areas in the biodiversity offset strategy have not been made within the timeframe agreed by the Secretary.	Finalise long-term security of offset areas or seek further extension of the date to secure the biodiversity areas listed in Schedule 3, Condition 37.
Schedule 3, Condition 40	The Applicant must prepare a Biodiversity Management Plan for the project to the satisfaction of the Secretary. This plan must: a; be prepared in consultation with BCD and then submitted to the Secretary for approval b; describe how the implementation of the biodiversity offset strategy would be integrated with the overall rehabilitation of the site; c; include: • a description of the short, medium, and long term measures that would be implemented to: – implement the biodiversity offset strategy; and – manage the remnant vegetation and habitat, both on site and in the biodiversity offset areas; • detailed performance and completion criteria for the implementation of the biodiversity offset strategy; • a detailed description of the measures that would be implemented over the next 3 years, including the procedures to be implemented for: – enhancing the quality of existing vegetation and fauna habitat in the biodiversity offset areas with ecological functions that are comparable with similar, undisturbed ecosystems; – restoring native vegetation and fauna habitat in the biodiversity offset areas through focusing on assisted natural regeneration; – targeting vegetation establishment including a program for	Compliant		Rix's Creek North Biodiversity Management Plan Revision C Site inspection Audit interviews 2023 Weed control job pack records 2020, 2021 and YEM 2023 Annual Reviews	The site Biodiversity Management Plan was reviewed against the requirements of this condition: (a) The plan was originally provided to OEH for consultation in 2016, as required under a previous version of this consent. The plan was then submitted to DPE and was subsequently approved on 22/12/2017. (b) Integration with the Rehabilitation Management Plan is explained in Section 2.6. (c) The management plan includes: - Management measures described in Sections 2.3, 2.6 and 2.7 of the plan. - Detailed performance and completion criteria in Sections 2.6 and 2.7 of the plan. - Potential risks and contingency measures in Section 2.6 of the plan. - A monitoring program in Section 2.7 of the plan. - Roles and responsibilities in Section 1.5 of the plan.  Implementation of the management plan was verified through the site inspection and document review process.  A review of biodiversity performance and activities undertaken during the audit period has	A Biodiversity Management Plan has been prepared and generally implemented for the project.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>active revegetation of 87.2 ha of Central Hunter Ironbark-Spotted Gum-Grey Box Forest EEC on the site and the timeframe in which this will be achieved;</p> <ul style="list-style-type: none"> <li>- introducing naturally scarce elements of fauna habitat (where practicable);</li> <li>- acquiring quantitative baseline data for existing ecosystems in the Appletree Flat Biodiversity Offset Area and on the site, including the Northern, Southern, Bridgeman and Martins Creek Biodiversity Offset areas</li> <li>- these must include habitat, flora and fauna baseline data;</li> <li>- maximising salvage and beneficial use of resources in areas that are to be impacted, including vegetative, soil and cultural heritage resources;</li> <li>- protecting vegetation and soil outside the areas that are to be impacted;</li> <li>- managing salinity;</li> <li>- conserving and reusing topsoil;</li> <li>- undertaking pre-clearance surveys;</li> <li>- managing impacts on fauna;</li> <li>- landscaping the site to minimise visual impacts;</li> <li>- collecting and propagating seed;</li> <li>- salvaging and reusing material from the site for habitat enhancement;</li> <li>- controlling weeds and feral pests, including terrestrial and aquatic species;</li> <li>- managing grazing and agriculture on site and in the biodiversity offset areas;</li> <li>- controlling access;</li> <li>- bushfire management; and</li> <li>- managing potential conflicts between the biodiversity offset areas and Aboriginal cultural heritage values;</li> <li>• a description of the potential risks to the successful implementation of the biodiversity offset strategy, and a description of the contingency measures that would be implemented to mitigate these risks;</li> <li>• a program to monitor the effectiveness of these measures, and progress against the performance and completion criteria; and</li> <li>• details of who would be responsible for monitoring, reviewing, and implementing the plan</li> </ul> <p>The Applicant must implement the management plan as approved by the Secretary.</p>				<p>been provided in the 2020, 2021 and YEM 2023 Annual Reviews. This includes evidence of ongoing weed and pest management, as well as biennial ecological monitoring.</p> <p>The Northern Biodiversity Offset Area was inspected during the site visit. Evidence of ongoing management was observed including:</p> <ul style="list-style-type: none"> <li>- Adequate signage and fencing, and locked gates to prevent unauthorised access.</li> <li>- Tracks within the area are well maintained and slashed.</li> <li>- Sighted bird and bat nest boxes affixed to trees within the area.</li> <li>- Translocated Tiger Orchids sighted.</li> <li>- Powerlines and easements slashed.</li> </ul> <p>Evidence of weed control and vehicle wash down facilities were also sighted during site inspection. Weed control records have been provided for the audit period.</p>		

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 41	The <b>Applicant</b> must commission a suitably qualified, experienced and independent person approved by the Secretary to conduct an audit by 31 December 2020, and a second audit 5 years thereafter, of all biodiversity areas subject to regeneration, restoration and/or protection as Central Hunter Ironbark-Spotted Gum-Grey Box Forest EEC, as referred to in condition 37. A report on each audit is to be submitted to the Secretary within 6 months of completing the audit for approval. Each report must, for each area of Derived Grassland/Native Pasture proposed for regeneration and restoration as Central Hunter Ironbark-Spotted Gum-Grey Box Forest EEC and for each existing area of Central Hunter Ironbark-Spotted Gum-Grey Box Forest EEC: <ul style="list-style-type: none"> <li>a; report all relevant baseline data (as at the date of project approval) concerning flora and fauna, ecosystem condition and ecosystem function;</li> <li>b; report all relevant current data (as at the time of the audit) concerning flora and fauna, ecosystem condition and ecosystem function;</li> <li>c; provide a scientifically-valid comparison of the baseline data with the current data;</li> <li>d; provide a scientifically-valid comparison of the current data with the data from the first audit and including the baseline data (in the case of the second audit);</li> <li>e; report on any works and/or other disturbance that has taken place in the areas since project approval;</li> <li>f; describe the management measures undertaken to regenerate and/or restore the areas, including the dates and/or periods during which those measures were implemented;</li> <li>g; evaluate the effectiveness of the management measures undertaken; and</li> <li>h; recommend any additional management measures to regenerate, restore and/or protect the EEC and provide a schedule for their implementation.</li> </ul>	Compliant		Rix's Creek North Mine Independent Environmental Audit 2020 report OzArk Biodiversity Offset Audit report dated 18/08/2021 2021 Annual Review	Completion of the initial independent audit was verified in the 2020 Independent Environmental Audit.  The 2021 Annual Review states that the audit report was submitted to DPE for approval on 25/08/2021.	An independent audit was conducted prior to 31/12/2020 and was subsequently submitted to DPE for approval.	
Schedule 3, Condition 42	Within 6 months of the approval of the Biodiversity Management Plan (see above), the <b>Applicant</b> must lodge a conservation bond with the Department to ensure that the biodiversity offset strategy is implemented in accordance with the performance and completion criteria of the Biodiversity Management Plan. The sum of the bond must be determined by: The calculation of the conservation bond must be submitted to the Department for approval at least 1 month prior to lodgement of the final bond. If the biodiversity offset strategy is completed generally in accordance with the completion criteria in the Biodiversity Management Plan to the satisfaction of the Secretary, the Secretary will release the bond. If the biodiversity offset strategy is not completed generally in accordance with the completion criteria in the Biodiversity Management Plan to the satisfaction of the Secretary, the Secretary will call in all or part of the	Compliant		Rix's Creek North Mine Independent Environmental Audit 2020 report	The previous 2020 Independent Environmental Audit verified compliance against this condition.	A conservation bond has been lodged in accordance with the requirements of this condition.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	conservation bond and arrange for the satisfactory completion of the relevant works. a; calculating the full cost of implementing the biodiversity offset strategy (other than land acquisition costs); and b; employing a suitably qualified quantity surveyor to verify the calculated costs, to the satisfaction of the Secretary.						
Schedule 3, Condition 42A	Prior to the commencement of <b>any exploration drilling activities within the area identified as the 'area not to be disturbed' in Appendix 3</b> , the <b>Applicant</b> must: a; conduct a targeted survey for Diuris tricolour during its known flowering time (mid-September to mid-October) within the area of disturbance of each proposed borehole, in consultation with <b>BCD</b> ; b; prepare a report, to the satisfaction of the Secretary, detailing: <ul style="list-style-type: none"> <li>the results of the survey;</li> <li>whether the proposed exploration activities would harm Diuris tricolour;</li> <li>what measures would be implemented to avoid impacts on Diuris tricolour and other threatened species, populations or their habitats; and</li> <li>suitable offset arrangements in accordance with the NSW Biodiversity Offsets Policy for Major Projects, if the survey concludes that Diuris tricolour would be harmed by the proposed boreholes.</li> </ul> The <b>Applicant</b> must implement the findings of the report, to the satisfaction of the Secretary.	Compliant		Rix's Creek North Mine Independent Environmental Audit 2017 report Audit interviews Exploration Period Summary document	The previous 2017 Independent Environmental Audit verified compliance against this condition. A targeted survey has been completed of the area and a report has been provided to DPE.  Six exploration holes were drilled in the 'area not to be disturbed' during the audit period. These holes were in the cleared flat area currently being used for grazing cattle to the northwest of the 'Western Mining Area'. A flora survey of the proposed sites was carried out for Diuris Tricolour by Stephen Bell. A heritage survey of the proposed sites was carried out by Ozark. The holes were drilled with an above ground sump. There were no trees cleared for the work and no additional access tracks required.	A targeted survey has been completed of the area and a report has been provided to DPE.	
Schedule 3, Condition 43	Prior to carrying out any development in the parts of the site outlined in purple on the figure in Appendix 8, unless the Secretary agrees otherwise, the <b>Applicant</b> must carry out further archaeological testing and investigation within the broader area outlined in purple on the figure in Appendix 7 to the satisfaction of the Secretary	Compliant		OzArk Historic Archaeological Assessment dated 06/03/2022 Correspondence from DPE to Bloomfield dated 23/03/2022	The OzArk Historic Archaeological Assessment report was sighted and provides evidence that further testing and investigation was undertaken in February 2022. OzArk concluded that there are no areas of potential archaeological deposit within the assessment area. Correspondence from DPE dated 23/03/2022 states that 'the Secretary considers that The Bloomfield Group has satisfied its requirements under condition 43 of Schedule 3, subject to adhering to the recommendations made by OzArk Environment and Heritage in its assessment'.	Further archaeological testing and investigation has been completed in accordance with the requirements of this condition.	
Schedule 3, Condition 44	The <b>Applicant</b> must prepare a Heritage Management Plan for the project to the satisfaction of the Secretary. This plan must: a; be prepared by suitably qualified and experienced persons whose appointment has been endorsed by the Secretary; b; be prepared in consultation with <b>BCD</b> , the Aboriginal community, <b>Heritage NSW</b> , Council, local historical organisations and any relevant landowners; c; be submitted to the Secretary for approval; d; include the following for the management of Aboriginal cultural heritage on site: <ul style="list-style-type: none"> <li>recording, salvaging and/or managing all Aboriginal sites, objects and deposits that are to be destroyed within the open</li> </ul>	Compliant		Rix's Creek North Heritage Management Plan (v6) Rix's Creek North Mine Independent Environmental Audit 2020 report 2020, 2021 and YEM 2023 Annual Reviews	No updates have occurred to the Heritage Management Plan since last reviewed during the 2020 Independent Environmental Audit. Compliance was assessed during the 2020 IEA, and the management plan was found to generally fulfill the requirements of this condition.  The management plan was implemented during the audit period, as evidenced by the following: - Evidence of signage and fencing around a heritage site was sighted. - No incidents or complaints in relation to	A Heritage Management Plan has been prepared and generally implemented for the project.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>cut project area;</p> <ul style="list-style-type: none"> <li>conserving, managing and monitoring all Aboriginal sites, objects and deposits that are to be protected within the open cut project area, including the 3 scarred trees identified within the western mining area;</li> <li>maintaining and managing access to Aboriginal sites, objects and deposits by the Aboriginal community, including provision of an appropriate Keeping Place;</li> <li>managing the discovery of any new Aboriginal objects or skeletal remains identified during the project; and</li> <li>ongoing consultation and involvement of the Aboriginal community in the conservation and management of Aboriginal cultural heritage values on the site.</li> </ul> <p>e; include programs/ procedures for the following, in accordance with the applicable guidelines of <a href="#">Heritage NSW</a>:</p> <ul style="list-style-type: none"> <li>further historical investigation of the area outlined in purple on the figure in Appendix 7 to identify the potential archaeological resources within the area;</li> <li>archaeological testing of the potential archaeological resources within the area outlined in purple on the figure in Appendix 7;</li> <li>further archaeological investigation of any areas where the archaeological testing (referred to above) identifies significant archaeological deposits;</li> <li>archaeological excavation of the known grave on site, identified as the James Halliday Glennie grave site;</li> <li>detailed archival recording of the Dulwich property if it is to be mined, or the preparation of a detailed conservation management plan for the Dulwich property if it is not to be mined (subject to the agreement of the landowner);</li> <li>archival recording of any other heritage items to be destroyed by the project;</li> <li>conserving, managing, monitoring, and where appropriate, relocating any non-Aboriginal sites, objects and deposits on the site;</li> <li>interpreting the findings of the additional heritage or archaeological investigations carried out on the site; and</li> <li>managing the discovery of any new non-Aboriginal objects or skeletal remains identified during the project.</li> </ul> <p>The <a href="#">Applicant</a> must implement the management plan as approved by the Secretary.</p>				<p>heritage were reported during the audit period.</p> <ul style="list-style-type: none"> <li>The Dulwich Strip 2 Permit to Disturb was sighted and provided evidence that the disturbance area was checked for archaeological sites. No archaeological deposits were identified during the assessment.</li> <li>The employee and contractor induction package was reviewed and found to provide general awareness of heritage requirements.</li> <li>A Rix's Creek Historical Burial Management plan was developed to guide the understanding of the legislative requirement and procedures of investigation/ exhumation should a burial be disturbed. This Management Plan was developed in accordance with PA 08_0102 Statement of Commitment J4.</li> </ul>		
Schedule 3, Condition 45	<p>The <a href="#">Applicant</a> must:</p> <p>a; keep accurate records of:</p> <ul style="list-style-type: none"> <li>amount of coal transported from the site (on a monthly basis);</li> <li>the date and time of each train movement from the site; and</li> </ul> <p>b; make these records publicly available on its website at the end of each calendar year</p>	Compliant		2020, 2021 and 2022 Train movement records Bloomfield website	Train movement records from 2015 to 2022 were sighted on the Bloomfield website. Records contain details of all dates, train numbers, vessels, load times and train weights.	Accurate records have been maintained and made publicly available.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 46	<p>The Applicant must:</p> <p>a; implement all reasonable and feasible measures to mitigate visual and off-site lighting impacts of the project;</p> <p>b; ensure no unshielded outdoor lights shine above the horizontal; and</p> <p>c; ensure that all external lighting associated with the project complies with Australian Standard AS4282 (INT) 1995 - Control of Obtrusive Effects of Outdoor Lighting, or its latest version, to the satisfaction of the Secretary</p>	Compliant		<p>2020, 2021, 2022, 2023 and YEM 2024 Complaints registers</p> <p>Site inspection</p> <p>Audit interviews 2020, 2021, and YEM 2023 Annual Reviews</p> <p>Rix's Creek South Mine Independent Environmental Audit 2020 report</p> <p>Worker Induction Part 3 Offsite Operations Lighting Register</p> <p>Night time noise monitoring summary sheet dated 03/05/2022</p>	<p>Six complaints were received in the audit period in relation to lighting from the operation impacting local residents. In all instances, the lighting plant was redirected, shut down or relocated.</p> <p>The 2020, 2021 and YEM 2023 Annual Reviews state that a maintenance program is ongoing to replace existing older lights with new modern LED lighting that shields and directs light more directly toward the ground rather than outwards. When fixed lighting is installed at Rix's Creek Mine, the external lighting is assessed to comply with Australian Standard 4282: 2019 – Control of Obtrusive Effects of Outdoor Lighting.</p> <p>Visual tree screens along the New England Highway to shield public views of the development were observed during the site inspection.</p> <p>Disturbance areas visible to the community have been or are being rehabilitated as soon as available to minimise visual impact offsite.</p> <p>Nightly operational lighting inspections are completed by an environmental technician and observations are noted on the Rix's Creek nighttime noise monitoring summary sheets. The summary sheet from 03/05/2022 was sighted. No offsite lighting issues were recorded on this date.</p> <p>All buildings, structures, facilities and works sighted during the site inspection were found to blend with the surrounding landscape as far as possible.</p> <p>The employee and contractor induction package includes general awareness in regard to offsite impacts of lighting. The induction instructs all personnel to:</p> <ul style="list-style-type: none"> <li>- Consider the site neighbours when locating mobile lighting towers</li> <li>- Direct lights away from residential areas including Singleton</li> <li>- Direct lights away from public roads including the New England Highway</li> </ul> <p>As assessed in the previous 2020 Independent Environmental Audit, the requirements of AS 4282 have been communicated to site personnel.</p>	The requirements of this condition were satisfied during the audit period and all reasonable steps to minimise the visual and off-site lighting impacts of the development have been implemented.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 47	Upon receiving a written request from the owner of any residence on privately-owned land which has significant direct views of the open cut mining operations on site, the Applicant must implement additional visual mitigation measures (such as landscaping treatments or vegetation screens) on the land in consultation with the landowner. These measures must be reasonable and feasible, and directed towards minimising the visibility of the mining operations from the residence. If within 3 months of receiving this request from the owner, the Applicant and the owner 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.	Not Triggered		Audit interviews	No requests in relation to this condition were received during the audit period.	This condition was not triggered during the audit period.	
Schedule 3, Condition 48	The Applicant must: a; minimise and monitor the waste generated by the project; and b; ensure that the waste generated by the project is appropriately stored, handled, and disposed of; c; manage on-site sewage treatment and disposal in accordance with the requirements of Council; and d; report on waste management and minimisation in the annual review, to the satisfaction of the Secretary	Compliant		Site inspection Audit Interviews 2020, 2021 and YEM 2023 Annual Reviews EPL 3391 Annual Returns for 2020, 2021 and 2022 Worker Induction Package Part 3 Waste & Recyclables Management Training Presentation and Record List	The YEM 2023 Annual Review states that a colour coded bin system has been rolled out onsite with the introduction of a waste management contractor, to ensure that workers and contractors segregate waste more effectively. A training program was also implemented throughout the workforce to improve waste segregation.  The following was sighted during the site inspection: - Implementation of the colour coded bin system and correct segregation of waste using this system. - Sufficient number of bins around the operation, particularly in the workshop and warehouse areas.  Co-mingled recycling was introduced onto site via the site contracted waste provider and the initiative has seen segregation and reduction of general waste quantities. Total general waste generated in 2021 was 49,560 kg more than that generated between January 2022 and March 2023. Electronic waste, polypipe, printer cartridges, batteries, plastic wrapping, paper/cardboard, scrap metal and waste oil from the operation are all recycled.  The sewage treatment reports provided with EPL 3391 annual returns for the audit period indicate that the sewage treatment system has been managed in accordance with Council requirements. The sewage treatment ponds and effluent irrigation area were sighted during the site inspection and no visible issues were identified.  Waste generation and management has been	The requirements of this condition were generally satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					<p>reported in the 2020, 2021 and YEM 2023 Annual Reviews.</p> <p>The induction package provides waste management awareness training to all employees and contractors. The induction content is comprehensive and covers waste minimisation, disposal requirements, waste streams, spill clean-up process, and reporting of waste management issues.</p>		
Schedule 3, Condition 49	The Applicant must: a; ensure that the project is suitably equipped to respond to fires on site; and b; assist the Rural Fire Service and emergency services as much as possible if there is a fire in the vicinity of the site.	Compliant		<p>Bushfire Management Plan (v1.2)</p> <p>Site inspection</p> <p>Audit interviews</p> <p>2020, 2021 and YEM 2023 Annual Reviews</p>	<p>A combined Bushfire Management Plan is in place for Rix's Creek North and South.</p> <p>Section 6 and 7.2 of the Bushfire Management Plan details the asset protection zones for the operation and outlines how vegetation and fire break management will be undertaken to protect these zones. Asset protection zones and fire breaks were sighted during the site inspection and found to be well maintained. Details of asset protection maintenance completed during the audit period has also been provided in the 2020, 2021 and YEM 2023 Annual Reviews.</p> <p>Section 7.1 of the Bushfire Management Plan outlines the fire fighting equipment available onsite. Some fire fighting equipment including water carts and fire extinguishers were observed during the site inspection. A small grass fire ignited by lighting occurred during the site inspection on 09/11/2023. Appropriate response was initiated and the fire was contained to a small area.</p> <p>Section 9 of the Bushfire Management Plan outlines the emergency response procedure including procedures for assisting the RFS and emergency services. Bloomfield were requested by the RFS to assist with a fire in the vicinity of the site during the audit period. Bloomfield shutdown mining operations in order to provide assistance to the RFS.</p>	The requirements of this condition were satisfied during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 49A	<p>Within three months of the determination of MOD 9, or other timing as agreed by the Secretary, the Applicant must prepare an Exploration Activities Management Plan for the project to the satisfaction of the Secretary. This Plan must:</p> <ul style="list-style-type: none"> <li>a; be prepared by a suitably qualified and experienced person/s whose appointment has been endorsed by the Planning Secretary;</li> <li>b; be prepared in consultation with BCD and Heritage NSW;</li> <li>c; include a description of the measures to be implemented for: <ul style="list-style-type: none"> <li>(i) managing exploration activities associated with mining operations under this consent;</li> <li>(ii) consulting with and compensating affected landowners;</li> <li>(iii) assessing noise, air quality, traffic, biodiversity, heritage, public safety and other impacts;</li> <li>(iv) avoiding (where possible), or minimising environmental impacts;</li> <li>(v) avoiding (where possible), or minimising impacts on threatened species, populations or their habitats and EECs, including any measures required condition 42A of Schedule 3;</li> <li>(vi) minimising clearance and disturbance of native vegetation;</li> <li>(vii) minimising and managing erosion and sedimentation; and</li> <li>(viii) rehabilitating disturbed areas.</li> </ul> </li> </ul>	Compliant		Exploration Activities Management Plan (v1.4)	<p>An Exploration Activities Management Plan was prepared and submitted to the Planning Secretary. The plan was reviewed against the requirements of this condition:</p> <ul style="list-style-type: none"> <li>(a) The plan was prepared by a suitably qualified and experience person who was endorsed by the Planning Secretary on 26/02/2021 (correspondence provided in Appendix 1 of the management plan).</li> <li>(b) BCD and Heritage NSW were consulted and their feedback has been incorporated into the plan (correspondence provided in Appendix 2 of the plan).</li> <li>(c) Required measures are described in Section 2 of the plan. These measures generally meet the requirements of this condition.</li> </ul> <p>The Exploration Activities Management Plan was approved under the conditions of this consent by DPE on 14/05/2021.</p>	An Exploration Activities Management Plan has been prepared for the project in accordance with the requirements of this condition, and has been approved by DPE.	
Schedule 3, Condition 49B	The Applicant must not carry out exploration activities associated with the mining operations under this consent that cause temporary surface disturbance, except where authorised under the Mod 7 exploration drilling program shown in Appendix 3A, until the Exploration Activities Management Plan is approved by the Secretary.	Compliant		2020 and 2021 Annual Reviews	The 2020 and 2021 Annual Reviews confirm that no exploration drilling was conducted prior to approval of the Exploration Activities Management Plan under the conditions of this consent on 14/05/2021.	No exploration activities associated with the mining operations at Rix's Creek North were carried out prior to the approval of the Exploration Activities Management Plan under the conditions of this consent.	
Schedule 3, Condition 49C	The Applicant must implement the Exploration Activities Management Plan as approved by the Secretary.	Compliant		2022 and YEM 2023 Annual Review Annual rehabilitation report and forward program dated 30/05/2023	<p>Exploration activities undertaken at Rix's Creek North are detailed in the 2022 and YEM 2023 Annual Reviews. Twelve open holes and eight cored holes were drilled during this period.</p> <p>As per the 2023 Annual Rehabilitation Report and Forward Program, this exploration program was completed in April 2023. No further exploration is planned during the three-year forecast.</p>	The Exploration Activities Management Plan was implemented during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 50	The Applicant must rehabilitate the site in a manner that is generally consistent with the rehabilitation strategy described in the documents referred to in condition 2 of Schedule 2 – and depicted conceptually in the figure in Appendix 8 – and the objectives in Table 15	Compliant		<p>Rehabilitation Management Plan (v1.0)</p> <p>2020, 2021 and YEM 2023 Annual Reviews</p> <p>Annual rehabilitation report and forward program dated 30/05/2023</p> <p>Site inspection</p> <p>2023 Weed control job pack records</p> <p>Internal correspondence from the Technical Services Department to the Environment Department dated November 2023</p>	<p>Rehabilitation activities are described and scheduled within the Rehabilitation Management Plan. Completed works for the audit period were reported on within the annual reviews and the 2023 annual rehabilitation report.</p> <p>Rehabilitation monitoring completed by an independent consultant in November 2021 determined the following in relation to the rehabilitation objectives:</p> <ul style="list-style-type: none"> <li>- Positive results and improvements for landscape function, land and soil capability, stability, ground cover percentage, soil characteristics, species diversity and pasture performance.</li> <li>- Topsoil cover was limited at some older rehabilitated sites and soil dispersion benchmarks were not achieved at all sites; however vegetative performance did not appear to be adversely affected.</li> <li>- Pasture yield quality was exceeded for some rehabilitation sites. In response to this, a targeted mulching campaign was completed for some of the areas that exceeded the upper limit.</li> <li>- Weed cover had increased compared to previous years. Evidence of targeted weed control was observed during the audit site visit and records of weed control in rehabilitation areas were sighted.</li> </ul> <p>Ongoing progressive rehabilitation was sighted at the Camberwell Pit Rail Corridor rehabilitation area during the site inspection.</p> <p>A Quality Assurance and Quality Control rehabilitation process was implemented during the reporting period. This was evidenced through internal correspondence between the mine Technical Services Department and Environment Department. The final constructed rehabilitation landform was assessed against design using GIS data.</p>	Rehabilitation has been carried out in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 3, Condition 51	The Applicant must carry out rehabilitation of the site progressively, that is, as soon as reasonably practicable following the disturbance.	Compliant		Rehabilitation Management Plan (v1.0) 2020, 2021 and YEM 2023 Annual Reviews Annual rehabilitation report and forward program dated 30/05/2023 Site inspection	The Rehabilitation Management Plan states that: "Mining activities at the mine are expected to continue until 2040 with rehabilitation undertaken progressively during the life of the Mine. Progressive rehabilitation will minimise the area of exposed disturbance and reduce environmental impacts."  The following rehabilitation was completed during the audit period (as reported in the annual reviews and annual rehabilitation report): - 7.1 hectares at the Camberwell Pit in 2021.  Ongoing progressive rehabilitation was sighted at the Camberwell Pit Rail Corridor rehabilitation area during the site inspection.	Rehabilitation is undertaken progressively at Rix's Creek North in accordance with the requirements of this condition.	
Schedule 3, Condition 52	The Applicant must prepare a Rehabilitation Management Plan for the project in accordance with the conditions imposed on the mining lease(s) associated with the development under the Mining Act 1992. This plan must: a; be prepared in consultation with the Department, MEG, BCD, DPIE Water, Council and the CCC; b; be submitted to the Resources Regulator for approval within 3 months of approval of MOD 8; c; be prepared in accordance with any relevant Resources Regulator guideline, and be consistent with the rehabilitation objectives in Table 15 and be generally consistent with the rehabilitation strategy described in the documents referred to in condition 2 of Schedule 2; d; identify and describe all mining and rehabilitation domains, and include detailed performance and completion criteria for each domain and triggers for remedial actions; e; describe the measures to be implemented on the site to comply with the criteria in paragraph (d) and address all aspects of rehabilitation including mine closure, final landform (including final voids), postmining land uses and water management; f; include detailed mine plans and scheduling for progressive rehabilitation to be initiated, undertaken and/or completed over the next three years, or other suitable time period as agreed with the Resources Regulator; g; describe how rehabilitation will be integrated with Rix's Creek South; h; include procedures for the reasonable use of interim stabilisation and temporary vegetation strategies to minimise the area exposed for dust generation; and i; include a program to monitor, independently audit and report on progress against the criteria in paragraph (d) and the effectiveness of the measures in paragraph (e). The Applicant must implement the management plan as approved by the Secretary.	Compliant		Rehabilitation Management Plan (v1.0) 2020, 2021 and YEM 2023 Annual Reviews Annual rehabilitation report and forward program dated 30/05/2023 Site inspection 2023 Weed control job pack records Internal correspondence from the Technical Services Department to the Environment Department dated November 2023 Correspondence from Bloomfield to DPE, MEG, DPE Water, BCD and Singleton Council dated 27/10/2020 Correspondence from Bloomfield to the Resources Regulator dated 23/11/2020	A Rehabilitation Management Plan has been prepared for the development and assessed against the requirements of this condition: (a) Details of stakeholder consultation can be found in Section 4.2 of the plan. Evidence of consultation with the required agencies in the preparation of the management plan has been provided. (b) The management plan was submitted to the Resources Regulator on 23/11/2020. (c) The Resources Regulator guideline Form and Way - Rehabilitation Management Plan for Large Mines has been referenced within the management plan. The rehabilitation objectives provided in Section 4.1 of the plan align with those defined in Table 15 of this consent. (d) Final land use domains are presented in Section 2.4 of the management plan. Performance indicators, completion criteria and triggers for remedial action are provided in Sections 4, 7 and 9 of the plan. (e) Measures to be implemented are described in Sections 5 ('Final Landform and Rehabilitation Plan') and 6 ('Rehabilitation Quality Assurance Process') of the plan. (f) Detailed mine plans and scheduling for progressive rehabilitation are described in Section 5 ('Final Landform and Rehabilitation Plan') of the plan. (g) Section 5.3.3b describes the integration of Rix's Creek South. (h) The trigger action response plan in Table 10 of the plan details actions to be taken during periods of low rainfall. Measures include planting of a cover crop as an interim measure in any new rehabilitation areas to reduce wind erosion, dust generation and weed invasion.	A Rehabilitation Management Plan has been prepared for the development and submitted to the Resources Regulator in accordance with the requirements of this condition.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
					(i) The rehabilitation monitoring program is described in Section 7 of the plan. Reporting processes are also addressed in this section of the plan.  Refer to Schedule 2, Conditions 50 and 51 for evidence of implementation.		
Schedule 3, Condition 53	Within 12 months of the completion of any exploration drilling works within the area identified as the 'area not to be disturbed' in Appendix 3, the Applicant must plant 2 trees for every established tree removed during exploration drilling. The replacement trees must be of like-for-like species, planted in the same area from which they were removed, and be maintained until established	Compliant		Rix's Creek North Mine Independent Environmental Audit 2020 report	Completion of required planting was confirmed during the 2020 Independent Environmental Audit. The exploration drilling program relevant to this condition was completed in June 2018 and tree planting was completed by the end of May 2019.	Tree planting has been undertaken following the completion of the exploration drilling program referred to in this condition.	
Schedule 3, Condition 54	Rehabilitation of all areas disturbed by exploration drilling is to be undertaken in accordance with the conditions imposed on the mining lease(s) associated with the development under the Mining Act 1992.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Annual rehabilitation report and forward program dated 30/05/2023 2020, 2021, 2022 and 2023 Exploration report submissions	Rehabilitation of areas disturbed by exploration has been reported in the annual reports submitted under conditions of the relevant mining leases. All relevant mining lease conditions were complied with during the audit period.	The requirements of this condition were satisfied in the audit period.	
Schedule 4, Condition 1	By the end of December 2010, the Applicant must: a; notify in writing the owners of: • the land listed in Table 1 of Schedule 3 that they have the right to require the Applicant to acquire their land at certain stages during the project; • any residence on the land listed in Table 1, for which the acquisition basis is noise, or Table 6 of Schedule 3 that they are entitled to ask for additional noise mitigation to be installed at their residence at certain stages during the project; • any residence on the land listed in Table 1, for which the acquisition basis is air quality, or Table 12 of Schedule 3 that they are entitled to ask for additional air quality mitigation measures to be installed at their residence at certain stages of the project; and • any privately-owned land within 2 kilometres of any approved open cut mining pit on site that they are entitled to ask for an inspection to establish the baseline condition of any buildings or structures on their land, or to have a previous property inspection report updated; and b; send a copy of the NSW Health fact sheet entitled "Mine Dust and You" (as may be updated from time to time) to the owners and/or existing tenants of any land (including mine-owned land) where the predictions in the open cut project EAs identify that dust emissions from the project are likely to be greater than the relevant air quality criteria in Schedule 3 at any time during the life of the project.  Within 2 months of any modification to the conditions of this consent that leads to new land being added to Table 1 of Schedule 3, the Applicant must notify the owners of the new	Compliant		2017 Rix's Creek North Independent Environmental Audit report	Compliance against this condition was assessed during a previous Independent Environmental Audit.	All requirements of this condition have been satisfied.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	land added to Table 1 in accordance with the requirements of paragraph (a) above.						
Schedule 4, Condition 2	Prior to entering into any tenancy agreement for any land owned by the Applicant that is predicted to experience exceedances of the relevant noise criteria or dust criteria in Schedule 3, the Applicant must: a; advise the prospective tenants of the potential health and amenity impacts associated with living on the land and give them a copy of the NSW Health fact sheet entitled "Mine Dust and You" (as may be updated from time to time); and b; advise the prospective tenants of the rights they would have under this consent, to the satisfaction of the Secretary	Not Triggered		Audit interviews	No new tenancy agreements were signed during the audit period.	This condition was not triggered during the audit period.	
Schedule 4, Condition 3	As soon as practicable after obtaining monitoring results showing: a; an exceedance of any relevant criteria in Schedule 3, the Applicant must notify the affected landowner and/or tenants in writing of the exceedance, and provide regular monitoring results to each of these parties until the project is again complying with the relevant criteria; and b; an exceedance of any relevant criteria in conditions 6(c) or 7 of Schedule 3, the Proponent must notify the applicable owner in writing that they are entitled to ask for additional noise mitigation to be installed at their residence c; an exceedance of any relevant criteria in condition 22 of Schedule 3, the Applicant must send a copy of the NSW Health fact sheet entitled "Mine Dust and You" (as may be updated from time to time) to the affected landowners and/or existing tenants of the land (including the tenants of any mine-owned land).	Not Triggered		Audit interviews 2020, 2021 and YEM 2023 Annual Reviews Monthly monitoring data	No exceedances against the criteria specified under the conditions of this consent were recorded during the audit period.	This condition was not triggered during the audit period.	
Schedule 4, Condition 4	If an owner of privately-owned land considers the project to be exceeding the relevant criteria in Schedule 3, then he/she may ask the Secretary in writing for an independent review of the impact of the project on his/her land. If the Secretary is not satisfied that an independent review is warranted, the Secretary will notify the landowner in writing of that decision, and the reasons for that decision, within 60 days of the request for a review. If the Secretary is satisfied that an independent review is warranted, then within 2 months of the Secretary's decision the Applicant must: 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 project is complying with the relevant criteria in Schedule 3; and • if the project is not complying with these criteria then: – determine if more than one mine is responsible for the exceedance, and if so the relative share of each mine towards the impact on the land; NSW Government Department of Planning, Industry and Environment 28 – identify the measures that could be implemented to ensure compliance with the relevant criteria; and	Not Triggered		Audit interviews	No independent reviews were requested by landowners during the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	b; give the Secretary and landowner a copy of the independent review.						
Schedule 4, Condition 5	<p>If the independent review determines that the project is complying with the relevant criteria in Schedule 3, then the Applicant may discontinue the independent review with the approval of the Secretary. If the independent review determines that the project is not complying with the relevant criteria in Schedule 3, and that the project is primarily responsible for this non-compliance, then the Applicant must:</p> <p>a; implement all reasonable and feasible mitigation measures, in consultation with the landowner and appointed independent person, and conduct further monitoring until there is compliance with the relevant criteria; or</p> <p>b; secure a written agreement with the landowner to allow the exceedances of the relevant criteria, to the satisfaction of the Secretary.</p> <p>If the independent review determines that the project is not complying with the relevant acquisition criteria in Schedule 3, and that the project is primarily responsible for this non-compliance, then upon receiving a written request from the landowner, the Applicant must acquire all or part of the landowner's land in accordance with the procedures in conditions 8 to 9 below.</p>	Not Triggered		Audit interviews	Refer to Schedule 4, Condition 4.	This condition was not triggered during the audit period.	
Schedule 4, Condition 6	<p>If the independent review determines that the relevant criteria in Schedule 3 are being exceeded, but that more than one mine is responsible for this exceedance, then together with the relevant mine/s the Applicant must:</p> <p>a; implement all reasonable and feasible mitigation measures, in consultation with the landowner and appointed independent person, and conduct further monitoring until there is compliance with the relevant criteria; or</p> <p>b; secure a written agreement with the landowner to allow exceedances of the relevant criteria, to the satisfaction of the Secretary.</p> <p>If the independent review determines that relevant acquisition criteria in Schedule 3 are being exceeded, but that more than one mine is responsible for the exceedance, then upon receiving a written request from the landowner, the Applicant must acquire all or part of the landowner's land on as equitable a basis as possible with the relevant mine/s in accordance with the procedures in conditions 7 to 8 below.</p>	Not Triggered		Audit interviews	Refer to Schedule 4, Condition 4.	This condition was not triggered during the audit period.	
Schedule 4, Condition 7	<p>Within 3 months of receiving a written request from a landowner with acquisition rights, the Applicant must make a binding written offer to the landowner based on:</p> <p>a; the current market value of the landowner's interest in the land at the date of this written request, as if the land was unaffected by the project, having regard to the:</p> <ul style="list-style-type: none"> <li>existing and permissible use of the land, in accordance with the applicable planning instruments at the date of the written request; and</li> <li>presence of improvements on the land and/or any approved building or structure which has been physically</li> </ul>	Not Triggered		Audit interviews	No requests for acquisition were received under the conditions of this consent during the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	<p>commenced on the land at the date of the landowner's written request, and is due to be completed subsequent to that date, but excluding any improvements that have resulted from the implementation of any additional mitigation measures required under conditions 6 or 24 of Schedule 3;</p> <p>b; the reasonable costs associated with:</p> <ul style="list-style-type: none"> <li>• relocating within the Singleton or Muswellbrook local government areas, or to any other local government area determined by the Secretary; and</li> <li>• obtaining legal advice and expert advice for determining the acquisition price of the land, and the terms upon which it is to be acquired; and</li> </ul> <p>c; reasonable compensation for any disturbance caused by the land acquisition process.</p> <p>However, if at the end of this period, the Applicant and landowner cannot agree on the acquisition price of the land and/or the terms upon which the land is to be acquired, then either party may refer the matter to the Secretary for resolution. Upon receiving such a request, the Secretary will request the President of the NSW Division of the Australian Property Institute (the API) to appoint a qualified independent valuer to:</p> <ul style="list-style-type: none"> <li>• consider submissions from both parties;</li> <li>• determine a fair and reasonable acquisition price for the land and/or the terms upon which the land is to be acquired, having regard to the matters referred to in paragraphs (a)-(c) above;</li> <li>• prepare a detailed report setting out the reasons for any determination; and</li> <li>• provide a copy of the report to both parties.</li> </ul> <p>Within 14 days of receiving the independent valuer's report, the Applicant must make a binding written offer to the landowner to purchase the land at a price not less than the independent valuer's determination. However, if either party disputes the independent valuer's determination, then within 14 days of receiving the independent valuer's report, they may refer the matter to the Secretary for review. Any request for a review must be accompanied by a detailed report setting out the reasons why the party disputes the independent valuer's determination. Following consultation with the independent valuer and both parties, the Secretary will determine a fair and reasonable acquisition price for the land, having regard to the matters referred to in paragraphs (a)-(c) above, the independent valuer's report, the detailed report disputing the independent valuer's determination, and any other relevant submissions.</p> <p>Within 14 days of this determination, the Applicant must make a binding written offer to the landowner to purchase the land at a price not less than the Secretary's determination. If the landowner refuses to accept the Applicant's binding written offer under this condition within 6</p>						

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
	months of the offer being made, then the Applicant's obligations to acquire the land must cease, unless the Secretary determines otherwise.						
Schedule 4, Condition 8	The Applicant must pay all reasonable costs associated with the land acquisition process described above, including the costs associated with obtaining Council approval for any plan of subdivision (where permissible), and registration of this plan at the Office of the Registrar-General.	Not Triggered		Audit interviews	Refer to Schedule 4, Condition 7.	This condition was not triggered during the audit period.	
Schedule 5, Condition 1	<p>If the Secretary requires, the Applicant must prepare an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must:</p> <ul style="list-style-type: none"> <li>a; be submitted to the Secretary for approval;</li> <li>b; provide the strategic framework for the environmental management of the project;</li> <li>c; identify the statutory approvals that apply to the project;</li> <li>d; describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;</li> <li>e; describe the procedures that would be implemented to: <ul style="list-style-type: none"> <li>• keep the local community and relevant agencies informed about the operation and environmental performance of the project;</li> <li>• receive, handle, respond to, and record complaints;</li> <li>• resolve any disputes that may arise during the course of the project;</li> <li>• respond to any non-compliance; and</li> <li>• respond to emergencies; and</li> </ul> </li> <li>f; include: <ul style="list-style-type: none"> <li>• copies of any strategies, plans and programs approved under the conditions of this consent; and</li> <li>• a clear plan depicting all the monitoring required to be carried out under the conditions of this consent.</li> </ul> </li> </ul> <p>The Applicant must implement the approved strategy as approved from time to time by the Secretary.</p>	Compliant		<p>Rix's Creek Mine Environmental Management Strategy v1.3</p> <p>Site inspection</p> <p>Audit interviews 2020, 2021, 2022 and 2023</p> <p>Complaints registers</p> <p>Bloomfield website</p>	<p>The Environmental Management Strategy was reviewed against the requirements of this condition:</p> <ul style="list-style-type: none"> <li>(a) The strategy was submitted and approved by the Planning Secretary. Relevant correspondence is provided in Appendix B of the strategy.</li> <li>(b) The strategic framework is outlined in Section 5 of the strategy.</li> <li>(c) All relevant statutory approvals are provided in Section 3.1 and Appendix A of the strategy.</li> <li>(d) Section 12 Table 5 of the strategy describes all roles and responsibilities.</li> <li>(e) The requirements of this sub-condition are addressed throughout the strategy; informing local community and agencies about environmental performance (Section 8), complaints handling (Section 8.3), disputes handling (Section 8.4), and non-compliance and emergency response (Section 11.3).</li> <li>(f) The strategies, plans and programs approved under the conditions of this consent are listed in Section 6.1 of the strategy. A clear plan that illustrates the locations of monitoring sites under this consent is provided in Figure 4 (Section 11) within the strategy.</li> </ul> <p>Implementation of the plan is evidenced by the following:</p> <ul style="list-style-type: none"> <li>- Complaints register and landholder notifications were reviewed and found to align with the procedure outlined in the strategy.</li> <li>- The Environment Team members were generally aware of the responsibilities of their roles.</li> <li>- All required public information was sighted on the Bloomfield website.</li> </ul>	An Environmental Management Strategy has been prepared, approved and implemented in line with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 5, Condition 2	<p>The Applicant must ensure that the management plans required under this consent are prepared in accordance with any relevant guidelines, and include:</p> <p>a; detailed baseline data;</p> <p>b; a description of:</p> <ul style="list-style-type: none"> <li>the relevant statutory requirements (including any relevant approval, licence or lease conditions);</li> <li>any relevant limits or performance measures/criteria; and</li> <li>the specific performance indicators that are proposed to be used to judge the performance of, or guide the implementation of, the project or any management measures;</li> </ul> <p>c; a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;</p> <p>d; a program to monitor and report on the:</p> <ul style="list-style-type: none"> <li>impacts and environmental performance of the project; and</li> <li>effectiveness of any management measures (see (c) above);</li> </ul> <p>e; a contingency plan to manage any unpredicted impacts and their consequences;</p> <p>f; a program to investigate and implement ways to improve the environmental performance of the project over time;</p> <p>g; a program to regularly review management practices to align with contemporary best practice industry standards;</p> <p>h; a protocol for managing and reporting any:</p> <ul style="list-style-type: none"> <li>incidents;</li> <li>complaints;</li> <li>non-compliances with the conditions of this consent and statutory requirements; and</li> <li>exceedances of the impact assessment criteria and/or performance criteria; and</li> </ul> <p>i; a protocol for periodic review of the plan.</p>	Compliant		<p>Noise Management Plan (v2.0)</p> <p>Air Quality and Greenhouse Gas Management Plan (v1.6)</p> <p>Blast Management Plan (v1.9)</p> <p>Water Management Plan (v2.8)</p> <p>Biodiversity Management Plan (rev C)</p> <p>Heritage Management Plan (v6)</p> <p>Exploration Activities Management Plan (v1.4)</p> <p>Rehabilitation Management Plan (v1.0)</p> <p>Riparian Management Plan (v1.0)</p>	<p>The following management plans were reviewed against the requirements of this condition and were found to generally address all requirements:</p> <ul style="list-style-type: none"> <li>Noise Management Plan</li> <li>Air Quality and Greenhouse Gas Management Plan</li> <li>Blast Management Plan</li> <li>Water Management Plan</li> <li>Biodiversity Management Plan</li> <li>Heritage Management Plan</li> <li>Exploration Activities Management Plan</li> <li>Rehabilitation Management Plan</li> <li>Riparian Management Plan</li> </ul>	<p>Review of the relevant management plans required under this consent indicate that they have been prepared in general accordance with the relevant guidelines and included the information outlined under this condition.</p>	
Schedule 5, Condition 3	<p>Prior to approval of management plans required under Schedule 3, all existing management plans, monitoring programs, strategies, programs, protocols, etc approved as at the date of approval of Modification 6 shall continue to have full force and effect, and may be revised under the requirements of condition 5 below as if subject to the conditions of this consent that applied prior to the approval of Modification 6, or otherwise with the approval of the Secretary.</p>	Noted				Noted.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 5, Condition 4	With the agreement of the Secretary, the Applicant may combine any strategy, plan or program required by this consent with any similar strategy, plan or program required for Rix's Creek South	Compliant		Correspondence from DPIE to Bloomfield dated 02/09/2021 and 18/02/2020	Approval has been granted by DPE to combine the following plans and strategies required under SSD 6300, DA 49/94 and PA 08_0102: <ul style="list-style-type: none"> <li>- Environmental Management Strategy;</li> <li>- Blast Management Plan;</li> <li>- Water Management Plan;</li> <li>- Air Quality and Greenhouse Gas Management Plan;</li> <li>- Noise Management Plan;</li> <li>- Rehabilitation Management Plan;</li> <li>- Bushfire Management Plan; and</li> <li>- Exploration Activities Management Plan.</li> </ul>	With the approval of DPE, a number of strategies and plans required by this consent were combined with strategies and plans required by SSD 6300 for Rix's Creek South in the audit period.	
Schedule 5, Condition 5	Within 3 months of: a; the submission of an incident report under condition 8 below; b; the submission of an annual review under condition 10 below; c; the submission of an audit report under condition 11 below, or d; any modification of the conditions of this consent (unless the conditions require otherwise), the Applicant must review, and if necessary revise, the strategies, plans, and programs required under this consent to the satisfaction of the Secretary. The Applicant must notify the Department in writing of any such review being undertaken. Where this review leads to revisions in any such document, then within 6 weeks of the review the revised document must be submitted for the approval of the Secretary.	Compliant		2020, 2021 and YEM 2023 Annual Reviews	Management plans and strategies were reviewed during the audit period following modification of SSD 6300, modification of PA 08_0102, the 2020 Independent Environmental Audit and submission of the annual reviews.  A summary of management plan reviews completed is provided in Section 13 of the Annual Reviews.	The suitability of existing strategies, plans and programs required under this consent were reviewed as required during the audit period.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 5, Condition 6	The Applicant must regularly review the strategies, plans and programs required under this consent and ensure that these documents are updated to incorporate measures to improve the environmental performance of the project and reflect current best practice in the mining industry. To facilitate these updates, 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. The Secretary may approve a revised strategy, plan or program required under this consent, or the staged submission of any of these documents, at any time. With the agreement of the Secretary, the Applicant may revise any strategy, plan or program approved under this consent without consulting with all the parties nominated under the applicable conditions of approval. While any strategy, plan or program may be submitted on a staged basis, the Applicant will need to ensure that the operations associated with the development 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.	Compliant		Noise Management Plan (v2.0) Air Quality and Greenhouse Gas Management Plan (v1.6) Blast Management Plan (v1.9) Water Management Plan (v2.8) Biodiversity Management Plan (rev C) Heritage Management Plan (v6) Exploration Activities Management Plan (v1.4) Rehabilitation Management Plan (v1.0) Riparian Management Plan (v1.0)	The following revisions were made during the audit period and submitted to the Planning Secretary for review: Noise Management Plan - 9/12/2020 (v1.9) updated in response to DPIE feedback - 12/5/2021 (v2.0) updated for PA 08_0102 mod 9  Air Quality and Greenhouse Gas Management Plan - 12/5/2021 (v1.6) updated for PA 08_0102 mod 9 and the 2020 Annual Review  Blast Management Plan - 8/12/2020 (v1.8) updated in response to DPIE feedback - 12/5/2021 (v1.9) updated for PA 08_0102 mod 9 and the 2020 Annual Review  Water Management Plan - 20/1/2021 (v2.6) updated in response to DPIE feedback and the 2020 Independent Environmental Audit recommendations - 10/3/2021 (v2.7) updated in response to DPIE feedback - 17/5/2021 (v2.8) updated for PA 08_0102 mod 9 and the 2020 Annual Review  Exploration Activities Management Plan - 12/3/2021 (v1.0) original document - 21/4/2021 (v1.1) updated in response to NSW Heritage feedback - 3/5/2021 (v1.2) updated in response to DPIE feedback - 7/10/2021 (v1.3) updated for SSD 6300 mod 1 - 30/11/2021 (v1.4) updated in response to DPIE feedback  Rehabilitation Management Plan - 29/7/2022 (v2.2) updated in response to DPIE feedback  No plans or strategies were submitted on a staged basis in the audit period.	Where required during the audit period, the strategies, plans and programs required under this consent were revised and submitted to the Planning Secretary for approval.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 5, Condition 7	The Applicant must operate a Community Consultative Committee (CCC) for the project to the satisfaction of the Secretary. This CCC must be operated in general accordance with the Department's Community Consultative Committee Guideline for State Significant Projects 2019 (or later version).	Compliant		CCC meeting minutes for May and October 2021, 2022 and 2023 Annual CCC Report 2021 and 2022 2020, 2021 and YEM 2023 Annual Reviews Correspondence from DPE to Bloomfield dated 18/02/2020 Correspondence from the CCC Chairperson dated 16/11/2023	Review of CCC meeting minutes, Annual Reviews and the CCC Annual Reports found the following: - CCC meetings were held biannually over the audit period and meeting minutes have been made publicly available on the Bloomfield website. - Committee membership met guideline requirements in terms of representative numbers. - The CCC inspected rehabilitation onsite during the audit period. - No issues with the effectiveness or operation of the committee were reported by the Chairperson in the annual reports during the audit period.  The CCC advised that Bloomfield provide comprehensive presentations to the committee during the biannual meetings.  DPE provided approval on 18/02/2020 for the consolidation of the existing CCC required by PA 08_0102 and DA 49/94, with that required under SSD 6300.	Operation of the Rix's Creek CCC was continued over the audit period in general accordance with the Department's guidelines.	
Schedule 5, Condition 8	The Applicant must immediately notify the Department and any other relevant agencies immediately after it becomes aware of an incident. The notification must be in writing to compliance@planning.nsw.gov.au and identify the development (including the development application number and name) and set out the location and nature of the incident.	Not Triggered		2020, 2021 and YEM 2023 Annual Reviews Audit interviews	No incidents occurred at Rix's Creek North during the audit period.	This condition was not triggered during the audit period.	
Schedule 5, Condition 9	Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing to compliance@planning.nsw.gov.au and identify the development (including the development application number and name), set out the condition of this consent that the development is non-compliant with, the way in which it does not comply and the reasons for the non-compliance (if known) and what actions have been, or will be, undertaken to address the non-compliance	Not Triggered		2020, 2021 and YEM 2023 Annual Reviews Audit interviews	No non-compliances were identified by Bloomfield for Rix's Creek North during the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 5, Condition 10	<p>By the end of March each year, or other timing as may be agreed by the Secretary, the Applicant must submit a report to the Department reviewing the environmental performance of the project to the satisfaction of the Secretary. This review must:</p> <p>a; describe the works (including any rehabilitation) that were carried out during the previous calendar year, and the works that are proposed to be carried out over the current calendar year;</p> <p>b; include a comprehensive review of the monitoring results and complaints records of the project over the previous calendar year, which includes a comparison of these results against the:</p> <ul style="list-style-type: none"> <li>• relevant statutory requirements, limits or performance measures/criteria;</li> <li>• monitoring results of previous years; and</li> <li>• relevant predictions in the documents referred to in condition 2 of Schedule 2;</li> </ul> <p>c; identify any non-compliance over the previous calendar year, and describe what actions were (or are being) taken to ensure compliance;</p> <p>d; identify any trends in the monitoring data over the life of the project;</p> <p>e; identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and</p> <p>f; describe what measure will be implemented over the current calendar year to improve the environmental performance of the project.</p>	Compliant		2020, 2021 and YEM 2023 Annual Reviews Correspondence from DPE to Bloomfield dated 07/12/2022	<p>Annual reviews were prepared and submitted for the following periods:</p> <ul style="list-style-type: none"> <li>- 1 January to 31 December 2020</li> <li>- 1 January to 31 December 2021</li> <li>- 1 January 2022 to 31 March 2023</li> </ul> <p>Approval from DPE dated 07/12/2022 was sighted for the amendment of the annual review reporting period to align with The Bloomfield Group financial year period. To allow for this change, approval was also granted from DPE for the 2022/23 report to cover an initial 15-month period.</p>	Reports were submitted to the Planning Secretary for 2020, 2021, and the year ending March 2023. These reports were prepared in accordance with the requirements of this condition.	
Schedule 5, Condition 11	<p>By the end of December 2011, and every 3 years thereafter, unless the Secretary directs otherwise, the Applicant must commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:</p> <p>a; be conducted by suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary;</p> <p>b; include consultation with the relevant agencies;</p> <p>c; assess the environmental performance of the project and whether it is complying with the relevant requirements in this consent and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals);</p> <p>d; review the adequacy of any approved strategies, plans or programs required under these approvals, with particular reference to management practices to ensure that they align with contemporary best practice industry standards;</p> <p>e; recommend appropriate measures or actions to improve the environmental performance of the project, and/or any assessment, strategy, plan or program required under the abovementioned approvals; and</p> <p>f; be conducted and reported to the satisfaction of the Secretary</p>	Compliant		Rix's Creek North Mine Independent Environmental Audit 2020 report	<p>The previous Independent Environmental Audit was completed in December 2020, within one year of commencing development under the consent. The 2020 audit report shows that the requirements of this condition were satisfied. Evidence of audit team approval, agency consultation and the independent audit declaration form are provided in the appendices of the report.</p> <p>This audit is the next scheduled audit, which commenced within three years following the 2020 IEA.</p>	The 2020 Independent Environmental Audit was completed within the required timeframe and undertaken in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions
Schedule 5, Condition 12	Within 12 weeks of commissioning this audit, or as otherwise agreed by the Secretary, the Applicant must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report. The Applicant must implement these recommendations, to the satisfaction of the Secretary	Compliant		Letter from Bloomfield to DPIE dated 15 December 2020 (ref 1200 EGOVR:CK) Rix's Creek North Mine Independent Environmental Audit 2020 report 2020, 2021 and YEM 2023 Annual Reviews	The 2020 IEA audit commenced on 15 October 2020 following consultation with DPIE. The audit report and response to audit recommendations were submitted to DPIE on 15 December 2020, nine weeks after commencement of the audit. Progress updates on the implementation of the audit actions have been provided in the 2020, 2021 and YEM 2023 Annual Reviews.	The 2020 Independent Environmental Audit report was submitted to the Planning Secretary with a response to recommendations and a timetable for implementation.	
Schedule 5, Condition 12A	Any condition of this consent that requires the carrying out of monitoring or an environmental audit, whether directly or by way of a plan, strategy or program, is taken to be a condition requiring monitoring or an environmental audit under Division 9.4 of Part 9 of the EP&A Act. This includes conditions in respect of incident notification, reporting and response, non-compliance notification, compliance report and independent audit.	Noted				Noted.	
Schedule 5, Condition 13	The Applicant must: a; make copies of the following publicly available on its website: <ul style="list-style-type: none"> <li>the documents referred to in conditions 2 and 3 of Schedule 2;</li> <li>all current statutory approvals for the project;</li> <li>all approved strategies, plans and programs required under the conditions of this consent;</li> <li>the monitoring results of the project, reported in accordance with the specifications in any conditions of this consent, or any approved plans or programs;</li> <li>a complaints register, which is to be updated on a monthly basis;</li> <li>minutes of CCC meetings;</li> <li>the annual reviews over the life of the project;</li> <li>any independent environmental audit, and the Applicant's response to the recommendations in any audit; and</li> <li>any other matter required by the Secretary;</li> </ul> b; keep this information up-to-date to the satisfaction of the Secretary.	Compliant		Bloomfield website	All information and documents required by this condition were sighted on the Bloomfield website on 17/11/2023 including: <ul style="list-style-type: none"> <li>Management plans and strategies</li> <li>CCC meeting minutes</li> <li>Annual reviews</li> <li>Monthly monitoring results</li> <li>Monthly complaints register</li> <li>Independent Environmental Audit reports and Bloomfield response to recommendations</li> <li>Complaints hotline phone number</li> <li>Statutory approvals</li> <li>Environmental assessments</li> <li>Newsletters and fact sheets</li> <li>Blasting information</li> <li>Hyperlinks to government air quality and noise information and contact details for NSW government complaint avenues. Links were tested and found to be working.</li> </ul> All information was found to be up to date.	All required information and documents were sighted and found to be current on the company website.	

Table 24: EPL 3391 Audit Table

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition 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.	Compliant		2020, 2021 and 2023 YEM Annual Reviews 2020, 2021, 2022 and 2023 Rix's Creek Production Snapshots	The coal works and mining specified under this condition were carried out during the audit period at Rix's Creek Mine.  ROM coal extraction at the Rix's Creek South and North mines was reported in the Annual Reviews: - 1.3 million tonnes for RCN and 3.1 million tonnes at RCS was reported for 2020. - 1.2 million tonnes for RCN and 3.0 million tonnes at RCS was reported for 2021. - 1.8 million tonnes for RCN and 3.4 million tonnes at RCS was reported for YEM 2023 (over a 15-month period).	Scheduled activities have been carried out in accordance with the requirements of this condition during the audit period.	
Condition A2.1	The licence applies to the following premises: RIX'S CREEK MINE RIX'S CREEK LANE, SINGLETON, NSW 2330 PREMISED DEFINED BY PLAN TITLED "PLAN OF EPL3391 PREMISES BOUNDARY" DATED 13/8/2020 AND SHAPE FILES EPA REFERENCE DOC20/665888-1	Compliant		Site inspection Audit interviews	Rix's Creek Mine was operated in accordance with this EPL during the audit period.	The requirements of this condition were satisfied during the audit period.	
Condition A3.1	This licence applies to all other activities carried on at the premises, including: Ancillary Activity Sewage Treatment Systems	Compliant		Site inspection Audit interviews	The Rix's Creek North and South sewage treatment plants were operated in accordance with this EPL during the audit period.	The requirements of this condition were satisfied during the audit period.	
Condition A4.1	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		Site inspection Audit interviews	The original environment protection licence was granted under the Pollution Control Act 1970 on 3/04/1993 for Rix's Creek Colliery. The original approval allowed for 200,000 - 500,000 tonnes of coal extraction, and discharge of 2,000 - 10,000 kL/day of water from site. Variations to the EPL have since occurred to increase the permitted volume of coal extraction and processing, and have removed the approval for discharge of water offsite.	Works and activities have been carried out generally in accordance with the proposal contained in the licence application during the audit period.	
Condition P1.1	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. Note: The EPA notes that Licensee will also use monitoring data from the Upper Hunter Air Quality Monitoring Network monitors at Camberwell and Singleton North West when deriving a differential between upwind and downwind PM10 concentrations. Update to table occurred during audit period - Point 16 removed and Point 40 added.	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) 2020, 2021 and YEM 2023 Annual Reviews Rix's Creek Air Quality Results Spreadsheet	The Air Quality and Greenhouse Gas Management Plan provides the location of all TEOM and DustTrak monitors used by the site. The Annual Reviews and monitoring results for the audit period confirm monitoring was undertaken at these locations.	Air quality monitoring was completed at the locations specified under this condition during the audit period.	
Condition 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		Site inspection 2020, 2021 and 2022 Annual Returns	Effluent quality monitoring points 27 and 28 were sighted during the site inspection. Annual returns for the audit period confirm that monitoring was undertaken at these two locations.	The utilisation areas referred to within this condition have been used for the purposes of	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
						monitoring during the audit period.	
Condition P1.3	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.	Compliant		Water Management Plan (v2.8) 2020, 2021 and YEM 2023 Annual Reviews 2020, 2021, YEM 2023 and YEM 2024 Surface Water Monitoring Reports	The Water Management Plan provides the location of all surface water monitoring sites. The Annual Reviews and monitoring results for the audit period confirm monitoring was undertaken at these locations.	Water quality monitoring was completed at the locations specified under this condition during the audit period.	
Condition P1.4	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. <i>Update to table occurred during audit period - Point 11 removed and Point 41 added.</i>	Compliant		RCM Noise Management Plan (v2.0) 2020, 2021 and YEM 2023 Annual Reviews Monthly noise monitoring reports from November 2020 to October 2023 Blast Management Plan (version 1.9) 2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports Meteorological monitoring data spreadsheet	The Blast Management Plan and Noise Management Plan provide the location of all noise and blast monitoring sites used by the site. The Annual Reviews and monitoring results for the audit period confirm monitoring was undertaken at these locations.	Noise, blast and meteorological monitoring was completed at the locations specified under this condition during the audit period.	
Condition P1.5	Figure 1 in Condition P1.4 refers to the document titled "Noise Monitoring Sites EPL 3391" dated 13/8/2020 EPA Reference 665888-1.	Noted				Noted.	
Condition P1.6	Figure 2 in Conditions P1.1 and P1.4 refers to the document titled "Air Quality Monitoring Locations EPL3391" dated 13/8/2020 EPA Reference DOC20/665888-1.	Noted				Noted.	
Condition P1.7	Figure 3 in Condition P1.3 refers to the document titled "EPL 3391 Surface Water Monitoring Sites" dated 13/8/2020 EPA Reference DOC20/665888-1.	Noted				Noted.	
Condition P1.8	Figure 4 in Condition P1.3 refers to the document titled "Rix's Creek P/L EPL 3391 Sewage Treatment Infrastructure and Major Plant and Facilities" dated 15/2/2017 EPA Reference DOC17/119016-01.	Noted				Noted.	
Condition P1.9	Figure 5 in Condition P1.4 refers to the document titled "Blast Monitoring Sites - EPL3391" dated 13/8/2020 EPA Reference DOC20/665888-1.	Noted				Noted.	
Condition P1.10	The datum for grid references in this Licence is the Geodetic Datum of Australia 1994 (GDA94), Zone 56.	Noted				Noted.	
Condition P1.11	The licensee is authorised to transfer saline mine water to Integra Coal Mine.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Audit interviews	Interviews with the Environment Department confirmed that water was transferred to Integra Coal Mine during the reporting period. Water transfers from RCN were also reported in the Annual Reviews.	Saline mine water was transferred to Integra Coal Mine during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition L1.1	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.	Non-compliant	Low	2020, 2021 and 2023 Annual Reviews Water Management Plan (v2.8) Site inspection Audit interviews Notification e-mail of environmental incidents Underground seepage assessment reports EPA correspondence regarding environmental incidents DPIE seepage incident report	The site Water Management Plan states that the operation is a non-discharge site and that all mine water or sediment laden water must be retained within the site storage system. This was confirmed against EPL3391 which does not allow for discharge of water offsite. As such, there were no authorised discharges over the audit period.  Six unauthorised discharge events occurred during the audit period on 13/07/2021, 12/11/2021, 07/03/2022, 03/05/2022, 12/09/2022 and 22/02/2023. These events were a result of a minor dam failure, offsite saline water dam seepage and inadequate clean water diversion. The remaining three events were a result of seepage from historic underground coal workings migrating to a containment dam and then into Stonequarry Gully. The seepage migration was detected by Bloomfield through the surface water quality monitoring program. The site Pollution Incident Response Management Plan was activated for these events and notification provided to DPE and EPA. The seepage site and implemented temporary controls were inspected during the audit site. Sediment fencing has been installed along Stonequarry Gully. A concrete wall has also been constructed along the edge of the containment dam to prevent further runoff into the gully. Water from this dam is pumped 24 hours 7 days a week to other mine water storages to ensure a low water level is maintained. The dam water level is also monitored via a real time monitoring and alert system which was sighted during the inspection. Three production bores are also used to dewater the underground workings.	Surface water was discharged from site during the audit period on multiple occasions without relevant approvals in place to allow for this discharge. Both permanent and temporary controls have been implemented to prevent reoccurrence.	Action: Investigate longer term controls to lower the water level and prevent seepage from the historic underground coal workings.
Condition L2.1	The licensee must not cause, permit or allow any waste to be received at the premises, except the wastes expressly referred to in the column titled "Waste" and meeting the definition, if any, in the column titled "Description" in the table below. Any waste received at the premises must only be used for the activities referred to in relation to that waste in the column titled "Activity" in the table below. Any waste received at the premises is subject to those limits or conditions, if any, referred to in relation to that waste contained in the column titled "Other Limits" in the table below. This condition does not limit any other conditions in this licence.	Compliant		Site inspection Audit interviews 2020, 2021 and YEM 2023 Annual Reviews Biosolids pre-application report dated October 2023	Gypsum and biosolids were received onsite during the audit period, as reported in the Annual Reviews, and were observed being applied in rehabilitation areas during the site inspection. Biosolids used on the site during the audit period were managed in accordance with the Environmental Guidelines: Use and Disposal of Biosolids Products (EPA, 1997).  Saline mine water was also transferred to the site from Integra Coal Mine in accordance with Condition L2.3 of this licence.  No evidence was found to suggest any other	Only the wastes specified within this condition were received onsite during the audit period. These wastes received were used for the activities defined under this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
					wastes were received at the site during the audit period.		
Condition L2.2	The Licensee must not dispose of any waste on the premises unless authorised to do so by a condition the Licence.	Compliant		Site inspection Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	Bloomfield is authorised to dispose of heavy plant-tyre waste onsite in accordance with Condition O6.1. Refer to evidence provided for Condition O6.1.  No evidence was found to suggest any other wastes were disposed on the site during the audit period.	The requirements of this condition were satisfied during the audit period.	
Condition L2.3	The Licensee is authorised to receive saline mine water transfers from Integra Coal Mine for storage and use in activities authorised by this Licence.	Compliant		2020, 2021 and YEM 2023 Annual Reviews Audit interviews	Interviews with the Environment Department confirmed that water was transferred from Integra Coal Mine during the reporting period. Water transfers to RCN were also reported in the Annual Reviews.	Saline mine water was transferred from Integra Coal Mine during the audit period.	
Condition L3.1	Noise generated at the premises must not exceed the noise limits in the Table below. Noise limits in the table were varied during the audit period.	Compliant		Monthly noise monitoring reports from November 2020 to October 2023 2020, 2021 and YEM 2023 Annual Reviews	The monthly noise monitoring reports prepared by SLR were reviewed. The noise criteria assessment in Section 4.2 of the reports shows there were no exceedances at any location during the audit period.	No noise exceedances were reported within the audit period.	
Condition L3.2	For the purpose of condition L3.1: a) EPA (number) refers to EPA identification point numbers as referenced in condition P1.4; and b) NMG (number) refers to all privately owned residential receivers on land within noise monitoring groups identified by Figure 1.	Noted				Noted.	
Condition L3.3	For the purpose of condition L3.1: a) Day is defined as the period from 7 am to 6 pm Monday to Saturday and 8 am to 6 pm Sundays and Public Holidays; b) Evening is defined as the period from 6 pm to 10 pm; and c) Night is defined as the period from 10 pm to 7 am Monday to Saturday and 10 pm to 8 am Sundays and Public Holidays.	Noted				Noted.	
Condition L3.4	The noise limits set out in condition L3.1 apply under all meteorological conditions except for the following: a) Wind speeds greater than 3 metres/second at 10 metres above the ground level; b) Stability category F temperature inversion conditions and wind speeds greater than 2 metres/second at 10 metres above ground level; or c) Stability category G temperature inversion conditions.	Noted				Noted.	
Condition L3.5	For the purposes of condition L3.4: a) Data recorded by a meteorological station installed on the premises at EPA Identification Point 41 must be used to determine meteorological conditions; and b) Temperature inversion conditions (stability category) are to be determined by the sigma-theta method referred to in Part E4 of Appendix E to the NSW Industrial Noise Policy.	Compliant		Meteorological monitoring data spreadsheet Audit interviews RCM Noise Management Plan (v2.0)	Operation of the meteorological station was verified through review of monitoring data from the station.  Section 6.5 of the Noise Management Plan states that atmospheric stability class will be estimated using measured sigma theta and wind speed data.	The onsite automatic weather station was confirmed to be operational during the audit period and was used to determine meteorological conditions.	
Condition L3.6	A non-compliance of condition L3.1 will still occur where noise generated from the premises in excess of the appropriate limit is measured:	Noted				Noted.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
	<ul style="list-style-type: none"> <li>at any privately owned residential receiver within the Noise Monitoring Groups defined in Condition L3.1.</li> </ul>						
Condition L3.7	<p>For the purposes of compliance monitoring and determining the noise generated at the premises the modification factors in Fact Sheet C of the Noise Policy for Industry (2017) must be applied, as appropriate, to the noise levels measured by the noise monitoring equipment.</p> <p>Definitions:</p> <ul style="list-style-type: none"> <li>Noise refers to 'sound pressure levels' for the purpose of conditions L3.1 to L3.7.</li> </ul>	Compliant		Monthly noise monitoring reports from November 2020 to October 2023	The monthly noise monitoring reports prepared by SLR refer to the modification factors in Fact Sheet C of the Noise Policy for Industry (2017).	The requirements of this condition have been met.	
Condition L4.1	Blasting in or on the premises must only be carried out between 0900 hours and 1700 hours, Monday to Saturday. Blasting in or on the premises must not take place on Sundays or Public Holidays without the prior approval of the EPA.	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews 2020, 2021 and 2022 Annual Returns	Blast monitoring reports were reviewed to ensure no blasts were carried out on Sundays, public holidays or outside the approved times. All blasts occurred between 9am to 5pm Monday to Saturday.	All blasts within the audit period were found to be compliant with the requirements of this condition.	
Condition L4.2	The airblast overpressure level from blasting operations in or on the premises must not exceed: 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period; at either monitoring point 4, 5, 6 or 7 in Condition P1.4.	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews 2020, 2021 and 2022 Annual Returns	The airblast overpressure limit was exceeded on one occasion during the audit period (refer to evidence provided for Condition L4.3). However, this event did not make up more than 5% of the total number of blasts during the 2023 reporting period.	The airblast overpressure level from blasting operations did not exceed 115 dB (Lin Peak) for more than 5% of the total number of blasts during each reporting period.	
Condition L4.3	The airblast overpressure level from blasting operations in or on the premises must not exceed: 120 dB (Lin Peak) at any time; at either monitoring point 4, 5, 6 or 7 in Condition P1.4.	Non-compliant	Low	2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews 2020, 2021 and 2022 Annual Returns Correspondence from Bloomfield to the EPA dated 19/09/2023	<p>All blast monitoring results for the audit period were reviewed against the airblast overpressure limit specified under this condition.</p> <p>One non-compliance of the airblast overpressure limit was recorded on 12/09/2023. A reading of 124.9 dB was recorded at the Wright Residence monitoring point (EPA ID No. 7). The blast was released under favourable meteorological conditions with no enhancement shown on the predictive forecast model. Energy from the blast was released against the low wall and in the direction of the Wrights monitor which minimised the overpressure event to within a very localised area. Compliance with overpressure requirements was observed at all other surrounding monitors. The blast process specific to the geological conditions of the Lower Barrett interburden were reviewed as a result of the exceedance. No remediation was required. No further exceedances occurred following this event in the audit period.</p>	One exceedance of the airblast overpressure limit was recorded during the audit period. However, this was identified to be a localised event and the blast process specific to the geological conditions of the event site have been reviewed.	No further action required.
Condition L4.4	The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed: 5 mm/second for more than 5% of the total number of blasts during each reporting period; at either monitoring point 4, 5, 6 or 7 in Condition P1.4.	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews	Blast monitoring data provided in the monthly reports was reviewed against the ground vibration peak particle velocity limit defined under this condition. No exceedances of the ground vibration peak particle velocity limit were recorded.	The ground vibration peak particle velocity from blasting operations did not exceed 5 mm/second for more than 5% of the total	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
				2020, 2021 and 2022 Annual Returns		number of blasts during each reporting period.	
Condition L4.5	The ground vibration peak particle velocity from blasting operations carried out in or on the premises must not exceed: 10 mm/second at any time; at either monitoring point 4, 5, 6 or 7 in Condition P1.4.	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports 2020, 2021 and YEM 2023 Annual Reviews 2020, 2021 and 2022 Annual Returns	Blast monitoring data provided in the monthly reports was reviewed against the ground vibration peak particle velocity limit defined under this condition. No exceedances of the ground vibration peak particle velocity limit were recorded.	The ground vibration peak particle velocity from blasting operations did not exceed 10 mm/second at any time during the audit period.	
Condition L4.6	Offensive blast fume must not be emitted from the premises. Definition: Offensive blast fume means post-blast gases from the detonation of explosives at the premises that by reason of their nature, duration, character or quality, or the time at which they are emitted, or any other circumstances: 1. are harmful to (or likely to be harmful to) a person that is outside the premises from which it is emitted, or 2. interferes unreasonably with (or is likely to interfere unreasonably with) the comfort or repose of a person who is outside the premises from which it is emitted.	Compliant		2020, 2021, 2022 and 2023 Complaints registers Site inspection Audit interviews	There were no complaints made in relation to odour during the audit period. No offensive odours were detected during the site visit.	Odour from the operation was effectively managed during the audit period.	
Condition 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.	Compliant		Worker induction package Hydrocarbon Management Procedure (v1.2) Site inspection Audit interviews Operator statement of competency	The worker induction package is delivered to all employees and contractors, and provides a general overview on the management of materials, substances and waste on the site.  Internal procedures, such as the Hydrocarbon Management Procedure, are also implemented to ensure materials, substances and wastes are managed appropriately.  Statements of competency are kept on record for all personnel.  Activities observed during the site inspection were generally seen to be carried out in a competent manner.	Licensed activities have generally been carried out in a competent manner during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition O2.1	All plant and equipment installed at the premises or used in connection with the licensed activity: a) must be maintained in a proper and efficient condition; and b) must be operated in a proper and efficient manner.	Compliant		Audit Interviews Site Inspection Operator statement of competency	Equipment maintenance tracking and scheduling is managed in the site 'Pulse' system.  Maintenance records for the sewage treatment plant and meteorological monitoring station were sighted. Refer to evidence provided for Conditions O2.2 and M4.1.  Completion of routine equipment servicing was observed at the site Workshop during the inspection. A pre-start inspection of a site light vehicle was also observed.  Statement of competency was sighted for an equipment operator who was undertaking rehabilitation works, including application of biosolids. The operator was found to have required competencies and experience to operate the tractor being used in a proper and efficient manner.	Plant and equipment used onsite was generally observed to be maintained and operated in a proper and efficient manner.	
Condition O2.2	The licensee is responsible for the correct operation of the sewage treatment system on their premises.	Compliant		Site inspection Audit interviews 2020, 2021 and YEM 2023 Annual Reviews 2020, 2021 and 2022 Annual Returns Rix's Creek North STP Report 2023 Rix's Creek South STP Report 2023 Hydrocon November 2023 Purchase Order	Two sewage treatment systems are maintained onsite; one at Rix's Creek North and one at Rix's Creek South. Monthly inspections and maintenance of the two systems is completed by an external contractor, Hydrocon. A purchase order for the provision of this service was sighted.  The 2023 reports prepared by Hydrocon were reviewed and provide record of ongoing inspection and servicing. All field service reports have been prepared by the Hydrocon Managing Director who holds a bachelor degree in Process Metallurgical/Chemical Engineering and has 20 years industry experience.	All sewage treatment systems have been correctly operated during the audit period.	
Condition O2.3	Correct operation involves regular supervision and system maintenance. The licensee must be aware of the system management requirements and must ensure that the necessary service contracts are in place.	Compliant		Site inspection Audit interviews 2020, 2021 and 2022 Annual Returns Rix's Creek North STP Report 2023 Rix's Creek South STP Report 2023 Hydrocon November 2023 Purchase Order	Refer to evidence provided for Condition O2.2.	Regular supervision and system maintenance has been completed during the audit period, and purchase orders are in place for the provision of this service.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition O2.4	The sewage treatment system must be serviced by a suitably qualified and experienced wastewater technician at least once in each quarterly period and a minimum of four times per year.	Compliant		Site inspection Audit interviews 2020, 2021 and 2022 Annual Returns Rix's Creek North STP Report 2023 Rix's Creek South STP Report 2023 Hydrocon November 2023 Purchase Order	Refer to evidence provided for Condition O2.2.	Servicing has been completed by a suitably qualified and experienced wastewater technician on a monthly basis.	
Condition O2.5	The licensee must record each inspection and any actions required or recommended by the technician including all results of tests performed on the sewage treatment system by the technician as required in Condition O2.4.	Compliant		Audit interviews 2020, 2021 and 2022 Annual Returns Rix's Creek North STP Report 2023 Rix's Creek South STP Report 2023	Refer to evidence provided for Condition O2.2.	Inspection records have been maintained including a record of any actions required and the results of tests performed.	
Condition O2.6	The licensee must prepare a sewage treatment system maintenance program. The program must include: a) Certification from the system provider that the sewage treatment system is operating within its capacity; b) Date, time and results of all routine maintenance procedures undertaken to the sewage treatment system; and c) Provide written records of each quarterly inspection.	Compliant		Audit interviews 2020, 2021 and 2022 Annual Returns Rix's Creek North STP Report 2023 Rix's Creek South STP Report 2023	Refer to evidence provided for Condition O2.2.	A sewage treatment system maintenance program has been prepared in accordance with the requirements of this condition.	
Condition O3.1	The premises must be maintained in a condition which minimises or prevents the emission of dust from the premises.	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Site inspection Audit interviews 2020, 2021, 2022 and 2023 Complaints registers Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023 Rix's Creek Air Quality Results Spreadsheet Inter-Mine Meeting Minutes dated 30/09/2021	Refer to evidence provided for SSD 6300 Conditions B22 and B25, and PA 08_0102 Conditions 22 and 26.	Emissions of dust from the premises were minimised during the reporting period.	
Condition O3.2	All trafficable areas, coal storage areas and vehicle manoeuvring areas in or on the premises must be maintained, at all times, in a condition that will minimise the generation, or emission from the premises, of wind-blown or traffic generated dust.	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Site inspection Audit interviews	Measures to minimise emissions of wind-blown and traffic generated dust are provided in Section 5 of the Air Quality and Greenhouse Gas Management Plan. Effective water cart operation on haul roads and dig face, speed limit signage and minimal wheel-generated dust emissions were observed during the site inspection.	Emissions of wind-blown and traffic generated dust from the premises were minimised during the reporting period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition O3.3	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		Air Quality and Greenhouse Gas Management Plan (v1.6) Site inspection Audit interviews 2020, 2021, 2022 and 2023 Complaints registers Internal email correspondence from the Environment Department to OCEs and key supervisors dated 06/06/2023 Rix's Creek Air Quality Results Spreadsheet Inter-Mine Meeting Minutes dated 30/09/2021	Refer to evidence provided for SSD 6300 Conditions B22 and B25, and PA 08_0102 Conditions 22 and 26.	Emissions of dust from the premises were minimised during the reporting period.	
Condition O4.1	Application of wastewaters must only be applied at a rate that can be assimilated by the effluent discharge utilisation area and its evapotranspiration capacity.	Compliant		Site inspection	The Rix's Creek North and South effluent discharge utilisation areas were sighted during the site inspection. No water ponding was observed at the utilisation areas.	The requirements of this condition have been satisfied.	
Condition O4.2	The licensee must ensure that the effluent discharge utilisation area perimeter is fenced and signposted "Effluent Re-Use Area Keep Out" and controlled in a manner to ensure exclusion of persons from that area.	Non-compliant	Low	Site inspection	The Rix's Creek North and South effluent discharge utilisation areas were sighted during the site inspection. The perimeter of both areas was adequately fenced. Signage stating 'Warning: Reclaimed Effluent. Not For Drinking. Avoid Contact' was observed at the entry points into the areas. However, signage did not provide direction to 'keep out' of the area.	The effluent discharge utilisation area perimeters are fenced and signposted. However, signage in place does not align with the requirements of this condition and is not considered adequate to ensure exclusion of persons from these areas.	Replace signage in place at the effluent discharge utilisation areas to signage that states "Effluent Re-Use Area Keep Out".
Condition O4.3	The licensee must ensure that sprays or mists from irrigation do not drift beyond the boundary of the effluent discharge utilisation area and that no ponding occurs.	Compliant		Site inspection	The Rix's Creek North and South effluent discharge utilisation areas were sighted during the site inspection. No spray drift or ponding was observed at the utilisation areas.	The requirements of this condition have been satisfied.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition O5	Note: The licensee must maintain, and implement as necessary, a current Pollution Incident Response Management Plan (PIRMP) for the premises. The licensee must keep the incident response plan on the premises at all times. The incident response plan must document systems and procedures to deal with all types of incidents (e.g. spills, explosions or fire) that may occur at the premises or that may be associated with activities that occur at the premises and which are likely to cause harm to the environment. The licensee must develop a Pollution Incident Response Management Plan in accordance with the requirements in Part 5.7A of the Protection of the Environment Operations (POEO) Act 1997 and POEO regulations.	Compliant		Pollution Incident Response Management Plan Rix's Creek EPL 3391 (v2.3) 2020, 2021 and 2022 Annual Returns 2020, 2021 and YEM 2023 Annual Reviews	<p>A Pollution Incident Response Management Plan is in place at Rix's Creek and is publicly available on the Bloomfield website. The plan has generally been developed in accordance with the requirements in Part 5.7A of the Protection of the Environment Operations (POEO) Act 1997 and POEO regulations.</p> <p>The plan documents the systems and processes to deal with the following incidents which have the potential to cause harm to the environment:</p> <ul style="list-style-type: none"> <li>- Unlicensed release of mine water or process water</li> <li>- Hydrocarbon spill</li> <li>- Blasting (excessive offsite overpressure, ground vibration, dust or NOx fume impacts)</li> <li>- Noise pollution</li> <li>- Spontaneous combustion</li> <li>- Night lighting impact</li> </ul> <p>The PIRMP was activated on six occasions during the audit period in response to unlicensed water discharge events. Details of these events are provided in the Annual Returns and Annual Reviews for the audit period.</p> <p>The plan was updated on seven occasions during the audit period following testing and activation of the PIRMP.</p>	The Pollution Incident Response Management Plan was maintained and implemented during the audit period.	
Condition O6.1	The Licensee is authorised to dispose of heavy Plant-tyre waste generated on the premises in the area defined as Annexure B on Consent Order 2017/2171734 dated 12 July 2017, EPA Reference DOC20/665222-2. The Licensee must: a) ensure that heavy Plant waste tyres are re-used on the premises as much as practical; b) ensure that any surplus heavy Plant waste tyres can be emplaced by being spread out on the pit floor or within voids and buried as deep as practical, but, covered by at least 20m of inert material beneath any final rehabilitated surface; c) place heavy Plant waste tyres at least 10m away from coarse reject material or tailings emplacement areas; d) not place any heavy Plant waste tyres near heated material; e) not place any heavy Plant waste tyres in an area likely to leach to any water-course; and f) not place more than six tyres within a disposal area.	Compliant		2022 Heavy Waste Tyre Report Master scrap tyre record 2022 Annual Return Site inspection Audit interviews	<p>The site master scrap tyre record indicates that a total of 102 heavy plant tyres were disposed onsite during the audit period. A maximum of six tyres were placed in each disposal area. The master record also provides information on the tyre serial numbers, tyre size, delivery date of tyre, supplier, disposal date, coordinates of disposal area and real level in meters.</p> <p>Figures provided in the 2022 Heavy Waste Tyre Report and the master scrap tyre record indicate that the tyres have been disposed of in pit within the area defined under this condition. Furthermore, tyres have been disposed of away from coarse reject material, tailings emplacement areas and areas likely to leach to a watercourse. There are no areas of heated material identified onsite.</p>	Heavy plant-tyre waste was disposed of onsite during the audit period in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition O7.1	All above-ground tanks containing material that is likely to cause environmental harm must be bunded or have an alternative spill containment system in place.	Compliant		Site inspection Correspondence from Bloomfield to EPA dated 26/10/2021 Hydrocarbon inspection field sheets dated 14/06/2022 and 04/07/2022 Hydrocarbon Management Procedure (v1.2)	Photographic evidence of chemical and hydrocarbon bunding in place across the site was sighted in correspondence provided by Bloomfield to the EPA on 26/10/2021. Bunding and spill containment systems were also sighted during the site inspection.  The internal site Hydrocarbon Management Procedure provides the controls to be implemented for the storage of hydrocarbons onsite including bunding and containment, in line with the relevant Australian Standards.  Hydrocarbon inspection field sheets dated 14/06/2022 and 04/07/2022 were sighted. Hydrocarbon storage was assessed during these inspections against manufacturer spill containment requirements. The storages assessed were found to meet manufacturer requirements.	All above-ground tanks containing material that is likely to cause environmental harm was found to be bunded or have an alternative spill containment system in place.	
Condition 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		Monthly noise monitoring reports from November 2020 to October 2023 2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports Rix's Creek Air Quality Results Spreadsheet Meteorological monitoring data spreadsheet 2020, 2021, YEM 2023 and YEM 2024 Surface Water Monitoring Reports Teledata System	Results of blast, air quality, noise, water and meteorological monitoring required under this licence was sighted within monthly monitoring reports available on the Bloomfield website, internal monitoring spreadsheets and the Teledata system (the site environmental database).	Monitoring results have been recorded and retained as set out in this condition.	
Condition 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		Bloomfield website EPL monthly monitoring reports from 2014 to YEM 2024 Teledata System	All records sighted during this audit were in a legible form, with the majority of records prepared digitally. Records for the previous three year period have been sighted and reviewed as part of this audit. Records prior to 2020 have also been sighted on the Bloomfield website.	Records have generally been prepared and retained in accordance with the requirements of this condition.	
Condition 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		2022 and 2023 water quality sample chain of custody forms Attended noise monitoring recording sheet dated 05/10/2023	Water quality sample chain of custody forms and attended noise monitoring recording sheets were sighted. The information required under this condition was recorded within these documents.	Records of samples collected have been kept in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition 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.	Non-compliant	Low	2020, 2021 and 2022 Annual Returns 2020, 2021 and YEM 2023 Annual Reviews	Particulate matter monitoring and water quality monitoring was not completed for some monitoring locations at the frequency required under this licence. Refer to evidence provided for Condition M2.2 and M2.3.  All other monitoring was completed as required under this licence during the audit period.	Monitoring was not completed as per the requirements of this condition.	No further action required.
Condition M2.2	Air Monitoring Requirements POINT 12,13,14 Pollutant   Units of measure   Frequency   Sampling Method PM10   micrograms per cubic metre   Continuous   AM-22  POINT 15,40 Pollutant   Units of measure   Frequency   Sampling Method PM10   micrograms per cubic metre   Continuous   Special Method 1 Note: Special Method 1 requires the Licensee to undertake the monitoring of PM10 concentration in strict accordance with the manufacturer's operating manual supplied with the continuous monitoring equipment and titled "Model 8530/8531/8532EP DustTrak II Operation and Service Manual", or any updated version as published by the manufacturer.	Non-compliant	Low	EPL 3391 Annual Returns for 2020, 2021, 2022 and 2023.	Monitoring was not completed for all monitoring locations at the frequency required under this condition due to minor equipment downtime. These non-compliances were reported in the EPL Annual Returns for the audit period and no further corrective action was required. Equipment downtime was recorded for: - Monitoring Point 16 in 2021. - Monitoring point 15 in 2021, 2022 and 2023. - Monitoring point 12 in 2021 and 2023. - Monitoring Point 13 and 14 in 2022. - Monitoring Point 40 in 2023.  It is stated in the YEM 2023 Annual Review that the Rix's Creek Mine real time air quality monitoring network has been upgraded and integrated with the sites Environmental Monitoring and Management Teledata system. This allows both the environmental team and contracted environmental consultants to identify when a machine is malfunctioning, with the aim to reduce downtime of air quality units at Rix's Creek.	Monitoring was not completed as per the requirements of this condition.	No further action required.
Condition M2.3	Water and/ or Land Monitoring Requirements POINT 8,9,10,17,18,19,20,21,22,23 Pollutant   Units of measure   Frequency   Sampling Method Electrical conductivity   microsiemens per centimetre   Once a month (min. of 4 weeks)   Grab sample pH   pH   Once a month (min. of 4 weeks)   Grab sample Total dissolved solids   milligrams per litre   Once a month (min. of 4 weeks)   Grab sample Total suspended solids   milligrams per litre   Once a month (min. of 4 weeks)   Grab sample  POINT 27,28 Pollutant  Units of measure   Frequency   Sampling Method Faecal Coliforms   colony forming units per 100 millilitres   Monthly during discharge   Grab sample pH   pH   Monthly during discharge   Grab sample	Non-compliant	Low	2020, 2021 and YEM 2023 Annual Reviews Audit interviews Surface water monitoring data (2020-2023) including COC spreadsheets.	Monitoring was not completed for monitoring points 10, 21 and 22 at the frequency required under this condition due to insufficient water flow. These non-compliances were reported in the 2021, 2022 and 2023 EPL Annual Returns for the audit period.	Monitoring was not completed as per the requirements of this condition. Suitable corrective actions were taken to avoid future equipment failures leading to inadequate surface water monitoring.	No further action required.
Condition M3.1	Monitoring for the concentration of a pollutant emitted to the air required to be conducted by this licence must be done in accordance with: a) any methodology which is required by or under the Act to be used for the testing of the concentration of the pollutant; or	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6)	The monitoring methodology used for air quality is described in Section 6 of the Air Quality and Greenhouse Gas Management Plan. The methodology used is aligned with the requirements of this condition.	Air quality monitoring is conducted in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
	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.						
Condition M3.2	Subject to any express provision to the contrary in this licence, monitoring for the concentration of a pollutant discharged to waters or applied to a utilisation area must be done in accordance with the Approved Methods Publication unless another method has been approved by the EPA in writing before any tests are conducted. 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".	Compliant		Water Management Plan (v2.8)	The monitoring methodology used for water quality is described in Section 5.2 of the Water Management Plan. Water samples are analysed by laboratories that are accredited through the National Association of Testing Authorities (NATA). The methodology used is aligned to the requirements of this condition.	Water quality monitoring is conducted in accordance with the requirements of this condition.	
Condition M4.1	At the point(s) identified below, the licensee must monitor (by sampling and obtaining results by analysis) the parameters specified in Column 1 of the table below, using the corresponding sampling method, units of measure, averaging period and sampling frequency, specified opposite in the Columns 2, 3, 4 and 5 respectively. Note: Special Method 2 means sampling method in accordance with Part E4 of Appendix E of the NSW Industrial Noise Policy <b>The table was updated during the audit period - Point 11 changed to Point 41</b>	Compliant		Air Quality and Greenhouse Gas Management Plan (v1.6) Meteorological monitoring data spreadsheet Meteorological Station calibration sheets dated March and September 2021, 2022 and 2023 Correspondence from Bloomfield to DPE dated 10/02/2020 Correspondence from CBased Environmental to Bloomfield dated 20/12/19	Meteorological monitoring for the development is described in Section 6.1.5 of the Air Quality and Greenhouse Gas Management Plan: "One on-site Automatic Weather Station (AWS) is currently located at RCM (see Figure 5) which complies with the Approved Methods for Sampling and Analysis of Air Pollutants in New South Wales (DEC, 2007) and the NSW Industrial Noise Policy (EPA, 2000). The meteorological station continuously monitors wind speed, wind direction, sigma-theta (the standard deviation of horizontal wind directions), lapse rate, temperature, rainfall, relative humidity and solar radiation." Operation of the meteorological station was verified through review of monitoring data from the station.	The required meteorological parameters were monitored at the onsite automatic weather station during the audit period.	
Condition 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		2020, 2021, 2022 and 2023 Complaints registers INX system	Records of complaints were sighted within the site INX system and on the Bloomfield website.	A legible record of all complaints has been maintained.	
Condition 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		2020, 2021, 2022 and 2023 Complaints registers INX system	Details relating to the nature of the complaint, date received, location, method by which the complaint was received and actions taken are provided in the publicly available complaints registers on the Bloomfield website.  More detailed records which satisfy all requirements of this condition are maintained in the INX system. These records were sighted during the site inspection.	The annual complaints registers satisfy the requirements of this condition.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition M5.3	The record of a complaint must be kept for at least 4 years after the complaint was made.	Compliant		2014 - YEM 2024 Complaints registers Bloomfield website INX system	Complaints registers dating back to 2014 were sighted on the Bloomfield website.	Records of a complaints have been kept for at least 4 years after the complaint was made.	
Condition M5.4	The record must be produced to any authorised officer of the EPA who asks to see them.	Not Triggered		Audit interviews	No requests in relation to this condition were received during the audit period.	This condition was not triggered during the audit period.	
Condition 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		Bloomfield website Site inspection	A telephone complaints line (02 4930 2665) is operated 24 hours, seven days a week.  The hotline was tested by the audit team on 10/11/2023 at 2.07pm. The hotline was found to be operational and a call back was received from the Group Environment Manager at 2.09pm.	A telephone complaints line was operated during the audit period for the purpose of receiving any complaints from members of the public.	
Condition 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		Bloomfield website	The complaints line is advertised on the Bloomfield website.	Notification of the complaints line has been provided to the public on the Bloomfield website.	
Condition M6.3	The preceding two conditions do not apply until 3 months after: the date of the issue of this licence.	Noted				Noted.	
Condition M7.1	To determine compliance with the blasting conditions of this licence: a) Airblast overpressure and ground vibration levels must be measured and electronically recorded for monitoring points 4, 5, 6 and 7 for the parameters specified in Column 1 of the table below; and b) The licensee must use the units of measure, sampling method, and sample at the frequency specified opposite in the other columns.	Compliant		2020, 2021, YEM 2023 and YEM 2024 Blast monitoring reports Teledata system Online Terrock portal 2020, 2021 and 2022 Annual Returns	A review of the blast monitoring results for the audit period found that airblast overpressure and ground vibration levels were measured at the required monitoring locations, at the required frequency, using the specified sampling methodology. Electronic records of this data were viewed on the Teledata system and online Terrock portal during the site inspection.	Blast monitoring has been completed and recorded in accordance with the requirements of this condition.	
Condition M8.1	The Licensee must record the average PM10 concentration at Monitoring Points 12, 13, 14, 15 and 40 at intervals of 10 minutes. This data must be made available upon request by any Authorised Officer of the EPA who asks to see them.	Compliant		Site inspection Audit interviews	Average PM10 concentrations are recorded at 10 minutes intervals within the site Teledata system. This system was sighted during the site inspection.	Average PM10 concentrations are recorded at 10 minutes intervals at the required monitoring locations.	
Condition M9.1	To assess compliance with condition L3.1, attended noise monitoring must be undertaken in accordance with conditions L3.2 to L3.7 and: a) at a minimum of 6 locations from those listed condition P1.4 shown to be experiencing noise enhancing meteorological conditions; b) occur every calendar month in a reporting period; and c) occur during one night-time period as defined in the Noise Policy Industry 2017 for a minimum of 15 minutes at each location from a) during the night.	Non-compliant	Low	Monthly noise monitoring reports from November 2020 to October 2023	Night-time attended noise monitoring was undertaken by SLR monthly during the reporting period at the locations listed in P1.4, for a minimum of 15 minutes. Monitoring commenced at 10.00 pm for all months apart from November and December 2020 when monitoring commenced at 9.00 pm. As such, the relevant assessment time periods specified in Condition L3.3 have not been adhered to for part of the audit period.	Noise monitoring was not undertaken in line with the requirements of this condition between November and December 2020.	No further action required.

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition R1.1	The licensee must complete and supply to the EPA an Annual Return in the approved form comprising: 1. a Statement of Compliance, 2. a Monitoring and Complaints Summary, 3. a Statement of Compliance - Licence Conditions, 4. a Statement of Compliance - Load based Fee, 5. a Statement of Compliance - Requirement to Prepare Pollution Incident Response Management Plan, 6. a Statement of Compliance - Requirement to Publish Pollution Monitoring Data; and 7. a Statement of Compliance - Environmental Management Systems and Practices. At the end of each reporting period, the EPA will provide to the licensee notification that the Annual Return is due.	Compliant		2020, 2021 and 2022 Annual Returns	Annual return submissions for 2020, 2021 and 2022 were sighted and verified to include all required statements of compliance as well as monitoring and complaint summaries.	Annual returns for the audit period have been completed and supplied to the EPA in the approved form.	
Condition 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		2020, 2021 and 2022 Annual Returns	Evidence of submission was sighted of the annual returns for the 2020, 2021 and 2022 reporting periods.	All Annual Returns in the audit period were prepared in respect of each reporting period.	
Condition 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		POEO public register entry for EPL 3391	EPL licence 3391 was not transferred during the audit period.	This condition was not triggered during the audit period.	
Condition 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		POEO public register entry for EPL 3391	EPL licence 3391 was not surrendered or revoked during the audit period.	This condition was not triggered during the audit period.	
Condition 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		POEO public register entry for EPL 3391 Automatic email from eConnect EPA dated 11/05/2023	The annual reporting period under the licence is from 3 April to 2 April. Annual returns are therefore due for submission by 1 June each year. Annual returns for the audit period were submitted prior to this date, as sighted on the POEO Public Register online.	All Annual Returns for the audit period were supplied to the EPA within the required timeframe.	
Condition 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		Audit interviews	Annual returns are retained and saved on file by the Environment Department.	Copies of the Annual Returns supplied to the EPA have been retained.	
Condition R1.7	Within the Annual Return, the Statements of Compliance must be certified and the Monitoring and Complaints Summary must be signed by: a) the licence holder; or	Compliant		2020, 2021 and 2022 Annual Returns	Certification and sign off in the 2020, 2021 and 2022 Annual Review submissions were sighted.	All Statements of Compliance supplied during the audit period have been certified and the Monitoring and	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
	b) by a person approved in writing by the EPA to sign on behalf of the licence holder.					Complaints Summary signed by the required persons.	
Condition R2.1	Notifications must be made by telephoning the Environment Line service on 131 555.	Compliant		Audit interviews Correspondence from EPA Environment Line Officer to Bloomfield dated 13/07/2021, 12/11/2021, 08/03/2022, 03/05/2022, 12/09/2022, 24/02/2023 and 12/09/2023	The following incidents occurred during the audit period: - 13 July 2021 water discharge event - 12 November 2021 water discharge event - 7 March 2022 water discharge event - 3 May 2022 water seepage event - 12 September 2022 water seepage event - 22 February 2023 water discharge event - 12 September 2023 blast overpressure exceedance  Review of email correspondence with the EPA confirmed that notifications were made via the Environment Line service for all incidents listed above.	Notifications were made during the audit period by telephoning the Environment Line service on 131 555.	
Condition R2.2	The licensee must provide written details of the notification to the EPA within 7 days of the date on which the incident occurred. Note: The licensee or its employees must notify all relevant authorities of incidents causing or threatening material harm to the environment immediately after the person becomes aware of the incident in accordance with the requirements of Part 5.7 of the Act.	Compliant		Correspondence from Bloomfield to relevant authorities dated 20/07/2021, 19/11/2021, 14/03/2022, 10/05/2022, 19/09/2022, 01/03/2023 and 19/09/2023	Review of email correspondence from Bloomfield confirms that written details of the incidents listed under Condition R2.1 were provided within seven days to all relevant authorities, including the EPA.	Written details of notifications made to the EPA within the audit period were provided within 7 days of the date on which the incident occurred.	
Condition 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.	Compliant		Correspondence from Bloomfield to EPA dated 08/10/2021 and 26/10/2021 Correspondence from EPA to Bloomfield dated 08/09/2021 and 21/10/2021	Bloomfield was requested by the EPA to provide the following during the audit period: - Photographic evidence and details regarding the bunding of chemicals and dangerous goods that relate to scheduled activity - Further information in relation to the water seepage event that occurred on 13/07/2021 including (1) impacts from the water seepage incident on the health of Rix's Creek, (2) potential impacts from a further discharge of water on Rix's Creek and on the downstream receiving waters, (3) further details relating to the water quality, volume and duration of the proposed discharge to Rix's Creek, (4) potential impacts from not 'flushing' Rix's Creek and consideration of any alternative actions, and (5) an update on the actions taken to manage the seepage incident and prevention of further seepages to Rix's Creek.	Two requests were received from the EPA during the audit period.	
Condition 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.	Compliant		Correspondence from Bloomfield to EPA dated 08/10/2021 and 26/10/2021 Correspondence from EPA to Bloomfield dated 08/09/2021 and 21/10/2021	Correspondence from Bloomfield to the EPA was sighted which provided evidence that the requests were actioned and required information supplied to the EPA.	All reasonable inquiries in relation to the requests were made and written responses were provided to the EPA.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition 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.	Compliant		Correspondence from Bloomfield to EPA dated 08/10/2021 and 26/10/2021 Correspondence from EPA to Bloomfield dated 08/09/2021 and 21/10/2021	Refer to evidence provided for Condition R3.2.	All requested information was provided to the EPA.	
Condition 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		Audit interviews	No further requests were received from the EPA in relation to Conditions R3.1 to R3.3.	This condition was not triggered during the audit period.	
Condition R4.1	The Licensee must notify the EPA by telephoning the Environment Line service on 131 555 immediately after the Licensee becomes aware of any contravention or potential contravention of Condition L1 of the Licence.	Compliant		Audit interviews Correspondence from EPA Environment Line Officer to Bloomfield dated 13/07/2021, 12/11/2021, 08/03/2022, 03/05/2022, 12/09/2022 and 24/02/2023	Refer to evidence provided for Condition R2.1.	Notifications were made during the audit period by telephoning the Environment Line service on 131 555.	
Condition R4.2	The Licensee must provide written details of the notification to the EPA within seven days of the date of the notification.	Compliant		Correspondence from Bloomfield to relevant authorities dated 20/07/2021, 19/11/2021, 14/03/2022, 10/05/2022, 19/09/2022 and 01/03/2023	Refer to evidence provided for Condition R2.2.	Written details of notifications made to the EPA within the audit period were provided within 7 days of the initial notification.	
Condition R4.3	The Licensee must report any exceedance of Licence blasting limits to the EPA by telephoning the Environment Line service on 131555 or emailing info@epa.nsw.gov.au as soon as practicable after the exceedance becomes known to the Licensee or to one of the Licensee's employees or agents.	Compliant		Correspondence from EPA Environment Line Officer to Bloomfield dated 12/09/2023	Refer to evidence provided for Condition R2.1.	Notification was made during the audit period by telephoning the Environment Line service on 131 555.	
Condition R4.4	Within seven days of notifying the EPA of an exceedance of Licence blast limits, the Licensee must provide the EPA a report in writing that explains the cause of the exceedance and the actions taken to prevent future exceedances of blast limits.	Compliant		Correspondence from Bloomfield to relevant authorities dated 19/09/2023	Refer to evidence provided for Condition R2.2.	Written details of the exceedance event were provided to the EPA within 7 days of the initial notification.	
Condition R4.5	The Licensee must report any exceedance of Licence noise limits to the EPA by telephoning the Environment Line service on 131555 or emailing info@epa.nsw.gov.au as soon as practicable after the exceedance becomes known to the Licensee or to one of the Licensee's employees or agents.	Not Triggered		Audit interviews 2020, 2021, and YEM 2023 Annual Reviews	No exceedances of the noise limits were recorded in the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition R4.6	Within seven days of notifying the EPA of an exceedance of Licence noise limits, the Licensee must provide the EPA a report in writing that explains the cause of the exceedance and the actions taken to prevent future exceedances of noise limits.	Not Triggered		Audit interviews 2020, 2021, and YEM 2023 Annual Reviews	No exceedances of the noise limits were recorded in the audit period.	This condition was not triggered during the audit period.	
Condition R4.7	An authorised officer of 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 at Condition R4.6. The Licensee must provide such further details to the EPA within the time specified in the request.	Not Triggered		Correspondence from EPA to Bloomfield dated 27/09/2023	No further request for details was received from the EPA in relation to the blast exceedance event at occurred on 12/09/2023. The EPA provided notified on 27/09/2023 that no further regulatory action was required.	This condition was not triggered during the audit period.	
Condition R5.1	The Licensee must supply with each Annual Return, a Blast Monitoring Report which must include the following information relating to each blast carried out within the premises during the reporting period covered by the Annual Return: a) the date and time of the blast; b) the location of the blast on the premises; c) the blast monitoring results at each blast monitoring station; and d) an explanation for any missing blast monitoring results.	Compliant		2020, 2021, YEM 2023 Blast monitoring reports 2020, 2021 and 2022 Annual Returns	Blast monitoring results were submitted with the 2020, 2021 and 2022 Annual Returns. The blast monitoring data included all information required.	The requirements of this condition have been satisfied.	
Condition R5.2	The sewage treatment system maintenance program required by Condition O2.6 must be submitted annually to the EPA with the Annual Return.	Compliant		2020, 2021 and 2022 Annual Returns Rix's Creek North STP Report 2023 Rix's Creek South STP Report 2023	The monthly Hydrocon reports were submitted with the 2020, 2021 and 2022 Annual Returns.	The requirements of this condition have been satisfied.	
Condition R5.3	The licensee must retain a copy of each report required by Condition O2.5 for 3 years from the date each record is made.	Compliant		2020, 2021 and 2022 Annual Returns Rix's Creek North STP Report 2023 Rix's Creek South STP Report 2023	The sewage treatment system reports are retained on file by the Bloomfield Environment Department. Copies of these reports were sighted.	The requirements of this condition have been satisfied.	
Condition R5.4	A noise compliance assessment report must be submitted to the EPA with the Annual Return. The assessment must be prepared by a suitably qualified and experienced acoustical consultant and include: a) an assessment of compliance with noise limits presented in Condition L3.1; and b) an outline of any management actions taken within the monitoring period to address any exceedances of the limits contained in condition L3.1.	Compliant		EPL 3391 Annual Returns for 2020, 2021, 2022 and 2023. Monthly noise monitoring reports from November 2020 to October 2023	The monthly SLR noise monitoring reports are provided with the EPL annual return. These reports have been prepared by a suitably qualified and experienced acoustical consultant. An assessment of compliance and details of management actions taken are provided in the reports.	Noise assessment reports have been provided with the 2020, 2021, 2022 and 2023 Annual Returns.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition R5.5	The Licensee must provide the EPA with its Annual Return an annual water quality monitoring report prepared by an appropriately qualified and experienced person that includes the following: a) for the monitoring required by the Licence during the reporting period to which the Annual Return Relates: (i) a summary of results for all ambient water quality monitoring required by the Licence in table form and graphical form: (ii) total daily continuous rainfall monitoring results for the Annual Return period from the Licence meteorological station on the premises in graphical form; and (iii) a plan with the location of the monitoring. b) A graphical presentation of the trends of ambient water quality monitoring results required by the Licence for the reporting period to which the Annual Return relates and the preceding data for the period of record the Licensee has monitoring results for the monitoring location. This must be shown against rainfall records graphically for the period of record.	Compliant		EPL 3391 Annual Returns reports and spreadsheets for 2020, 2021 and YEM 2023. Annual Return Spreadsheets	The Annual Returns were reviewed against the requirements of this condition: (a) i) Ambient water quality summary results are provided in Tables 26, 27 and Appendix 1 in table form and Appendix 1 in graphical form. ii) Total daily continuous rainfall monitoring results from the site meteorological station are provided in graphical form in Section 7.2.1. iii) Monitoring location plans are included in Figures 20, 21 and 22. b) Ambient water quality trends are provided in the Annual Return spreadsheets.	The Annual Returns contain all of the information required to address this condition.	
Condition R5.6	The Licensee must provide the EPA with the Annual Return a Heavy Plant-Tyre Disposal Report. The Report must include: a) a plan of the disposed heavy plant waste tyres on the premises for the period that includes: (i) each tyre serial number; (ii) supplier of each tyre, if known; (iii) purchase date of each tyre or date on which tyre was bought onto the premises for use by the Licensee; (iv) disposal date of each tyre; (v) co-ordinates (easting and northings) of the disposal of each tyre; (vi) the Real Level (RL) in metres AHD of each tyre placed in the pit; (vii) the number of tyres buried in a particular area; and (viii) the total number of tyres and tonnage of tyres disposed of at the premises in each annual return year.	Non-compliant	Administrative	2022 Heavy Waste Tyre Report Master scrap tyre record 2022 Annual Return Site inspection Audit interviews	The Heavy Plant-Tyre Disposal Report provided in the 2022 Annual Return was sighted. The report includes details of the tyre serial numbers, tyre size, delivery date of tyre, supplier, disposal date, coordinates of disposal area, real level in meters, the number of tyres buried in each area and the total number of tyres disposed at the site during the reporting period. The tonnage of tyres disposed in the annual return year have not been included in the report.	A Heavy Plant-Tyre Disposal Report has been provided with the 2022 Annual Return. However, the report does not provide the total tonnage of tyres disposed in the annual return year.	Ensure the total tonnage of tyres disposed is included in the Heavy Plant-Tyre Disposal Report provided for future Annual Return submissions.
Condition G1.1	A copy of this licence must be kept at the premises to which the licence applies.	Compliant		Audit interviews	A copy of the licence is kept available at the mine.	The requirements of this condition have been satisfied.	
Condition G1.2	The licence must be produced to any authorised officer of the EPA who asks to see it.	Not Triggered		Audit interviews	No request was made during the audit period.	This condition was not triggered during the audit period.	
Condition G1.3	The licence must be available for inspection by any employee or agent of the licensee working at the premises.	Compliant		Audit interviews	A copy of the licence is kept available at the mine and is available on the site intranet to all employees.	The requirements of this condition have been satisfied.	
Condition G2.1	Completed programs.	Noted				Noted.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Condition U1.1	The Licensee must install and commission a chlorine disinfection system to the south sewage treatment plant by 30 June 2020. The: a) system must be installed by an appropriately qualified and experienced person; b) Licensee must provide a commissioning report to the EPA by 16 August 2020 that demonstrates weekly faecal coliform results and pH results from the STP discharge meet the sewage treatment plant specifications and guidelines for the intended use of the effluent (considering human health exposure) over four weeks of monitoring. c) Guidelines in b) above refer to Management of Private Recycled Water Schemes, (Department of Water and Energy May 2008), Environmental Guidelines Use of Effluent by Irrigation, (Department of Environment and Climate Change 2004), and National Water Quality Management Strategy Guidelines for Sewerage Systems Use of Reclaimed Water (Agriculture and Resource Management Council of Australia and New Zealand, Australian and New Zealand Environment and Conservation Council and National Health and Medical Research Council, 2000).	Compliant		Rix's Creek South Mine Independent Environmental Audit 2020 report	Compliance against this condition was assessed in the previous 2020 Independent Environmental Audit. It was confirmed that the chlorine disinfection system had been installed and commissioned in accordance with the requirements of this condition.	The chlorine disinfection system was installed and commissioned in accordance with the requirements of this condition.	

Table 25: Mining Leases Audit Table

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Nil	See Mining Regulation 2016, Schedule 8A, Part 2. NOTE TO HOLDERS: The prescribed standard conditions in the Mining Regulation 2016, Schedule 8A, Part 2 apply in addition to the conditions in this Schedule 2 (but have not been replicated in this mining lease). The conditions imposed by the Mining Regulation 2016 prevail to the extent of any inconsistency with the conditions in this Schedule 2.	Noted				Noted.	
Schedule 2, Condition 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		Audit interviews Mining leases	No mining leases were granted or renewed during the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Schedule 2, Condition 2	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 to be provided and maintained as a group security deposit is \$83,840,000. The leases covered by the group security include: (see table).	Compliant		Deed of Security Deposit Bond dated 30/05/2022 Correspondence from Resources Regulator to Bloomfield dated 31/03/2023	Correspondence from the Resources Regulator confirms that a security bond is held by the Department of Regional NSW to the amount required under this condition.  The Rehabilitation Cost Estimate was revised and approved by the Resources Regulator during the audit period. An additional security deposit has been secured to account for the increased cost estimate.	A security deposit has been maintained to secure funding for the fulfilment of obligations under the mining leases covered by the group security deposit.	
Schedule 2, Condition 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 1992. 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		Audit interviews	There are no known overlapping authorisations with those held by Bloomfield issued under the Mining Act 1992 and petroleum titles issued under the Petroleum (Onshore) Act 1992.	This condition was not triggered during the audit period.	
Schedule 2, Condition 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 Period Summary document Correspondence from Resources Regulator to Bloomfield dated 02/06/2022	Assessable prospecting operations took place during the audit period within AUTH81 (1973). Approval was granted by the Resources Regulator on 02/06/2022 to undertake this activity.	Assessable prospecting operations were carried out in accordance with the requirements of this condition.	
Schedule 2, Condition 5	The lease holder shall not knowingly destroy, deface or damage any aboriginal place or relic within the subject area except in accordance with an authority issued under the National Parks and Wildlife Act, 1974, and shall take every precaution in drilling, excavating or disturbing the land against any such destruction, defacement or damage.	Compliant		Audit Interviews 2020, 2021 and YEM 2023 Annual Reviews Land Disturbance Management Procedure dated 08/02/2021 Aboriginal Cultural Heritage Management Plan (v1.0)	Refer to evidence provided for SSD 6300 Schedule 2 Conditions B52 - B56 and PA 08_0102 Schedule 3 Conditions 43 - 44.	No aboriginal places or relics were destroyed, defaced or damaged during the audit period.	
Schedule 2, Condition 5	(a) The lease holder must not mine within any part of the lease area which is within the notification area of the Glennies Creek Colliery Pit Water Dam (also known as Possum Skin Dam) and Camberwell Tailings Dam 2 without the prior written approval of the Minister and subject to any	Not Triggered		Audit interviews	No mining was undertaken within the notification zone during the audit period.	This condition was not triggered during the audit period.	



Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
	<p>conditions the Minister may stipulate.</p> <p>(b) Where the lease holder desires to mine within the notification area, the lease holder must:</p> <p>(i) at least twelve (12) months before mining is to commence or such lesser time as the Minister may permit, notify the Minister of the desire to do so. A plan of the mining system to be implemented must accompany the notice; and</p> <p>(ii) provide such information as the Minister may direct.</p> <p>(c) The Minister must not, except in the circumstances set out in sub-paragraph (ii), grant approval unless sub-paragraph (i) of this paragraph has been complied with.</p> <p>(i) This sub-paragraph is complied with if:</p> <p>(a) Dams Safety NSW as constituted by section 6 of the Dams Safety Act 2015 and the owner of the dam have been notified in writing of the desire to mine referred to in paragraph (b).</p> <p>(b) the notifications referred to in clause (a) are accompanied by a description or plan of the area to be mined.</p> <p>(c) the Secretary has complied with any reasonable request made by Dams Safety NSW or the owner of the dam for further information in connection with the mining proposal.</p> <p>(d) Dams Safety NSW has made its recommendations concerning the mining proposal or has informed the Minister in writing that it does not propose to make any such recommendations; and</p> <p>(e) where Dams Safety NSW has made recommendations the approval is in terms that are:</p> <ul style="list-style-type: none"> <li>- in accordance with those recommendations; or</li> <li>- where the Minister does not accept those recommendations or any of them - in accordance with a determination under sub-paragraph (ii) of this paragraph.</li> </ul> <p>(ii) Where the Minister does not accept the recommendations of Dams Safety NSW or where Dams Safety NSW has failed to make any recommendations and has not informed the Minister in writing that it does not propose to make any recommendations, the approval shall be in terms that are, in relation to matters dealing with the safety of the dam:</p> <ul style="list-style-type: none"> <li>- as determined by agreement between the Minister and the Minister administering the Dams Safety Act 2015; or</li> <li>- in the event of failure to reach such agreement - as determined by the Premier.</li> </ul> <p>(d) The Minister, on notice from Dams Safety NSW, may at any time or times:</p> <p>(i) cancel any approval given where a notice pursuant to section 19 of the Dams Safety Act 2015 is given.</p> <p>(ii) suspend for a period of time, alter, omit from or add to any approval given or conditions imposed.</p>						

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Schedule 2, Condition 6	<p>The AMA Condition applies to the carrying out of the ancillary mining activity(s) specified in Schedule 2 on the land described in Schedule 3.</p> <p>Schedule 1 – AMA Condition</p> <p>The following conditions apply to the carrying out of the ancillary mining activity(s) specified in Schedule 2:</p> <p>(a) Rehabilitation</p> <p>i. The lease holder must rehabilitate the land and water described in Schedule 3 that is disturbed by the ancillary mining activity(s) as soon as reasonably practicable after the disturbance occurs.</p> <p>(b) Standard Conditions</p> <p>i. The lease holder must comply with the standard conditions of mining leases (standard conditions) prescribed in Schedule 8A of the Mining Regulation 2016 as if the references to the mining area in those standard conditions was a reference to the land described in Schedule 3.</p> <p>Schedule 2 – Ancillary Mining Activity(s)</p> <p>The ancillary mining activity(s) to which this condition applies are:</p> <ol style="list-style-type: none"> <li>1. The maintenance and use of tailings dam TD2;</li> <li>2. The maintenance and use of drains that service tailings dam TD2;</li> <li>3. The removal, stockpiling, management or depositing of overburden associated with the rehabilitation of tailings dam TD2; and</li> <li>4. The removal, stockpiling, management or depositing of tailings.</li> </ol> <p>Schedule 3 - Land</p> <p>The Land described in the attached Survey Plan M27458, with Ancillary Mining Activity Reference Number AMA1000, dated 12 January 2018, which is not embraced by the lease plan M27198 attached to Coal Lease 357 (Act 1973)</p> <p>Interpretation</p> <p>For the purposes of this condition 6 AMA Condition means the condition set out in Schedule 1, which was imposed on Coal Lease 357 (Act 1973) on 3 August 2018 and identified as Ancillary Mining Activity 1000 (AMA 1000) and which is varied by this instrument in accordance with Schedule 1B, clause 12 of the Mining Act 1992.</p>	Compliant		Audit interviews	Tailings Dam TD2 was used during the audit period for deposition of tailings. Rehabilitation has not yet been completed as this dam is still in operation.	The ancillary mining activity was carried out in the audit period in accordance with the requirements of this condition.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Schedule 2, Condition 5	<p>(a) The lease holder must not mine within any part of the lease area which is within the notification area of the Mount Owen Stage 5 Tailings Dam, Mount Owen Rail Loop Tailings Dam, Glennies Creek Colliery Pit Water Dam (also known as Possum Skin Dam) and Camberwell Tailings Dam 2 without the prior written approval of the Minister and subject to any conditions the Minister may stipulate.</p> <p>(b) Where the lease holder desires to mine within the notification area, the lease holder must:</p> <p>(i) at least twelve (12) months before mining is to commence or such lesser time as the Minister may permit, notify the Minister of the desire to do so. A plan of the mining system to be implemented must accompany the notice; and</p> <p>(ii) provide such information as the Minister may direct.</p> <p>(c) The Minister must not, except in the circumstances set out in sub-paragraph (ii), grant approval unless sub-paragraph (i) of this paragraph has been complied with.</p> <p>(i) This sub-paragraph is complied with if:</p> <p>(a) Dams Safety NSW as constituted by section 6 of the Dams Safety Act 2015 and the owner of the dam have been notified in writing of the desire to mine referred to in paragraph (b).</p> <p>(b) the notifications referred to in clause (a) are accompanied by a description or plan of the area to be mined.</p> <p>(c) the Secretary has complied with any reasonable request made by Dams Safety NSW or the owner of the dam for further information in connection with the mining proposal.</p> <p>(d) Dams Safety NSW has made its recommendations concerning the mining proposal or has informed the Minister in writing that it does not propose to make any such recommendations; and</p> <p>(e) where Dams Safety NSW has made recommendations the approval is in terms that are:</p> <ul style="list-style-type: none"> <li>- in accordance with those recommendations; or</li> <li>- where the Minister does not accept those recommendations or any of them - in accordance with a determination under sub-paragraph (ii) of this paragraph.</li> </ul> <p>(ii) Where the Minister does not accept the recommendations of Dams Safety NSW or where Dams Safety NSW has failed to make any recommendations and has not informed the Minister in writing that it does not propose to make any recommendations, the approval shall be in terms that are, in relation to matters dealing with the safety of the dam:</p> <ul style="list-style-type: none"> <li>- as determined by agreement between the Minister and the Minister administering the Dams Safety Act 2015; or</li> <li>- in the event of failure to reach such agreement - as determined by the Premier.</li> </ul> <p>(d) The Minister, on notice from Dams Safety NSW, may at any time or times:</p> <p>(i) cancel any approval given where a notice pursuant to section 19 of the Dams Safety Act 2015 is given.</p> <p>(ii) suspend for a period of time, alter, omit from or add to any approval given or conditions imposed.</p>	Not Triggered		Audit interviews	No mining was undertaken within the notification zone during the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Schedule 2, Condition 5	<p>(a) The lease holder must not mine within any part of the lease area which is within the notification area of the Camberwell Tailings Dam #2 and Glennies Creek Colliery Pit Water Dam (also known as Possum Skin Dam) without the prior written approval of the Minister and subject to any conditions the Minister may stipulate.</p> <p>(b) Where the lease holder desires to mine within the notification area, the lease holder must:</p> <p>(i) at least twelve (12) months before mining is to commence or such lesser time as the Minister may permit, notify the Minister of the desire to do so. A plan of the mining system to be implemented must accompany the notice; and</p> <p>(ii) provide such information as the Minister may direct.</p> <p>(c) The Minister must not, except in the circumstances set out in sub-paragraph (ii), grant approval unless sub-paragraph (i) of this paragraph has been complied with.</p> <p>(i) This sub-paragraph is complied with if:</p> <p>(a) Dams Safety NSW as constituted by section 6 of the Dams Safety Act 2015 and the owner of the dam have been notified in writing of the desire to mine referred to in paragraph (b).</p> <p>(b) the notifications referred to in clause (a) are accompanied by a description or plan of the area to be mined.</p> <p>(c) the Secretary has complied with any reasonable request made by Dams Safety NSW or the owner of the dam for further information in connection with the mining proposal.</p> <p>(d) Dams Safety NSW has made its recommendations concerning the mining proposal or has informed the Minister in writing that it does not propose to make any such recommendations; and</p> <p>(e) where Dams Safety NSW has made recommendations the approval is in terms that are:</p> <ul style="list-style-type: none"> <li>- in accordance with those recommendations; or</li> <li>- where the Minister does not accept those recommendations or any of them - in accordance with a determination under sub-paragraph (ii) of this paragraph.</li> </ul> <p>(ii) Where the Minister does not accept the recommendations of Dams Safety NSW or where Dams Safety NSW has failed to make any recommendations and has not informed the Minister in writing that it does not propose to make any recommendations, the approval shall be in terms that are, in relation to matters dealing with the safety of the dam:</p> <ul style="list-style-type: none"> <li>- as determined by agreement between the Minister and the Minister administering the Dams Safety Act 2015; or</li> <li>- in the event of failure to reach such agreement - as determined by the Premier.</li> </ul> <p>(d) The Minister, on notice from Dams Safety NSW, may at any time or times:</p> <p>(i) cancel any approval given where a notice pursuant to section 19 of the Dams Safety Act 2015 is given.</p> <p>(ii) suspend for a period of time, alter, omit from or add to any approval given or conditions imposed.</p>	Not Triggered		Audit interviews	No mining was undertaken within the notification zone during the audit period.	This condition was not triggered during the audit period.	

Condition Reference	Condition Requirement	Compliance Status	Non-Compliance Risk Rating	Evidence Source	Evidence Review	Findings	Actions/Recommendations
Schedule 2, Condition 6	For the purposes of this lease, petroleum is limited to coal bed methane that is captured or extracted as a by-product in the course of carrying out mining operations.	Compliant		Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	Petroleum has not been captured or extracted for any means other than that authorised under this licence.	The requirements of this condition were satisfied during the audit period.	
Schedule 2, Condition 7	The lease holder shall as far as may be practicable conduct operations so as not to interfere in any way with the public use and enjoyment of Water and Camping Reserve No.65724.	Compliant		Audit interviews 2020, 2021 and YEM 2023 Annual Reviews	Bloomfield did not undertake disturbance activities near this area during the audit period.	Operations did not interfere with the public use and enjoyment of Water and Camping Reserve No.65724 during the audit period.	
Nil	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		Report submission receipts dated 19/11/2020, 22/11/2021, 18/11/2022, 26/04/2021, 27/04/2022, 27/04/2023, 03/05/2021, 02/05/2022, 03/05/2023, 27/01/2021, 28/01/2022, 24/01/2023, 01/06/2021, 01/06/2022, and 05/06/2023.	Submission evidence was sighted to confirm reports were lodged for Rix's North Group (CL357), Rix's South Group (CL352), AUTH81, AUTH440 and ML1803.	Exploration reports were lodged during the audit period in accordance with the requirements of this condition.	



## APPENDIX E – Site Inspection Photos

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*Plate 1: RCS Capping Progress of Tailings Emplacement Area 3.*



Plate 2: RCS Old North Pit Rehabilitation Area.



Plate 3: Woodland Habitat Corridor.



Plate 4: RCS Gypsum and Biosolids Storage Area.

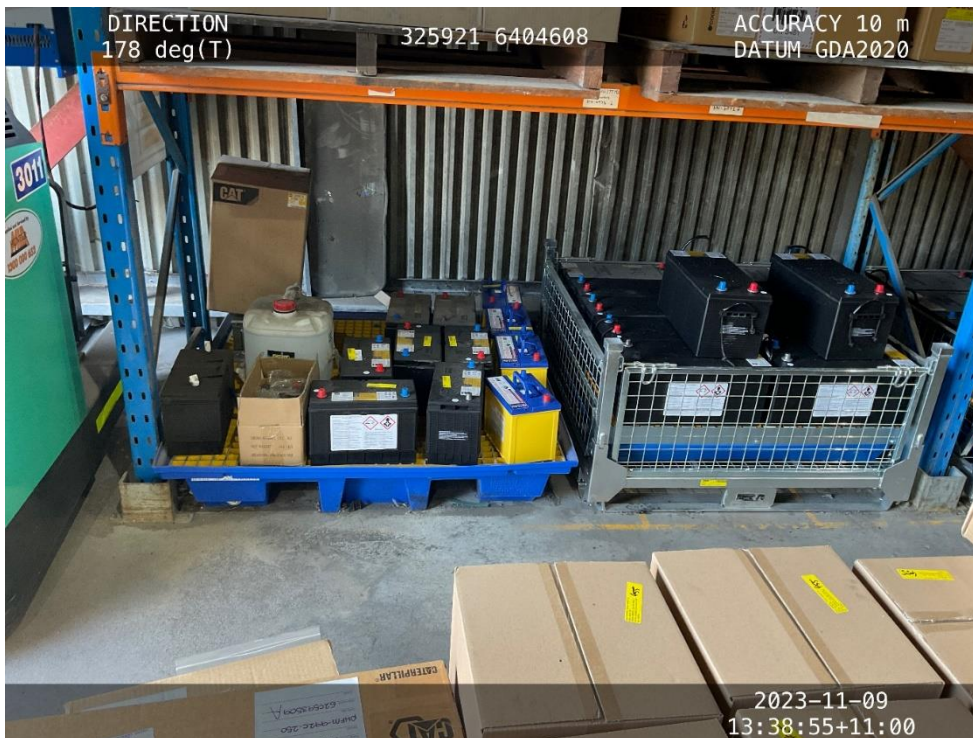


Plate 5: RCS Main Store Battery Storage.





Plate 6: RCS Main Store Flammable Gas Storage.



Plate 7: RCS Effluent Discharge Utilisation Area



*Plate 8: RCS Stonequarry Gully.*



*Plate 9: RCS Stonequarry Gully Sediment Fencing.*

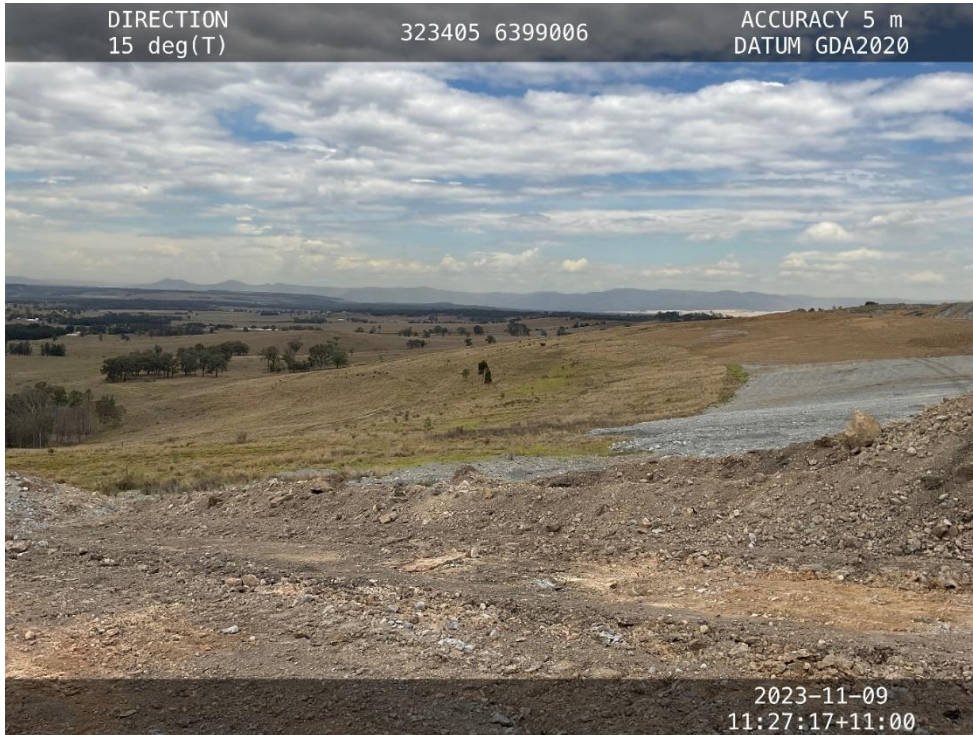


Plate 10: RCS West Pit South Batter Rehabilitation Area.



Plate 11: RCS Main Workshop Waste Segregation.



Plate 12: RCS Main Workshop Waste Segregation.



Plate 13: RCS Sewage Treatment Plant and Effluent Dam.



Plate 15: RCS Sound Cladding on CHPP.



Plate 14: RCS Solid Bowl Centrifuge.



Plate 16: RCS Hydrocarbon and Chemical Storage.



Plate 17: RCS Main Workshop.



Plate 18: Air Quality Monitor.



*Plate 19: RCN Camberwell Pit.*



*Plate 20: Blast Monitor.*



*Plate 21: Translocated Tiger Orchid and Nest Box within Biodiversity Offset Area.*



*Plate 22: Asset Protection Zone.*





*Plate 23: RCN Camberwell Pit Rail Corridor Rehabilitation Area.*



*Plate 24: RCN Effluent Discharge Utilisation Area.*



Plate 25: RCS ROM Pad.



Plate 26: RCS Bioremediation Area.



*Plate 27: RCS Product Coal Stockpile adjacent to Train Load Out.*



*Plate 28: RCS Coke Ovens Historic Heritage Site.*



Plate 29: RCS ANFO Yard.



Plate 30: RCN Tailings Dam 2.



Plate 31: Groundwater Monitoring Bore.



Plate 32: Train Load Out Containment Bund.



Plate 33: RCN Fuel Farm.



Plate 34: RCN Hydrocarbon Storage.



Plate 35: RCN Main Workshop.



Plate 36: RCN Workshop Lubricant Feed System.



*Plate 37: RCS West Pit South Lookout.*