



WE CARE. WE DELIVER.

Environmental Management System

Rix's Creek Mine

ENVIRONMENTAL MANAGEMENT STRATEGY

Doc No: Environmental Management Strategy

Doc Owner: Environmental Superintendent – Rix's Creek Pty Ltd

Approval: Environmental Superintendent – The Bloomfield Group

Signed: C Quinn

Date: 14/07/2025

Revision	Issue Date	Description	Originator	Reviewed	Approved
	30/04/2011		K Oxley		
Ver 0	21/09/2012		J Trotter	J Trotter	K Plasto (Integra)
Ver 1.0	19/02/2016		John Hindmarsh		Garry Bailey
Ver 1.1	6/3/2017		John Hindmarsh	Chris Quinn	Garry Bailey
Ver 1.2	17/6/2019		Chris Knight	Chris Quinn	Chris Knight
Ver 1.3	14/5/2020		Kirstin Blaikie	Dianne Munro	Chris Knight
Ver 1.4	14/7/2025	PA08_0102 Mod 10 update	Chris Quinn	David Holmes	Chris Quinn

Table of Contents

1	Introduction	4
1.1	Structure	4
2	Background	6
2.1	Rix's Creek North	6
2.2	Rix's Creek South	8
3	Statutory Requirements	11
3.1	Environmental Management Strategy	11
3.2	Relevant Legislation and Authorisations	14
3.3	Stakeholder Consultation	14
4	Environmental Policy	15
5	Planning	16
5.1	Objectives and Targets	16
6	Environmental Management	17
6.1	Management Plans	17
6.2	Operational Procedures	19
6.3	Document Control	19
7	Implementation and Operation	20
7.1	Competence, Training and Awareness	20
8	Communication and Consultation	21
8.1	Internal Communication	21
8.2	External Communication	21
8.3	Complaints Handling and Response	22
8.4	Dispute Resolution	23
9	Landholder Notifications, Mitigation and Acquisition	24
9.1	Landholder and Tenants Notifications	24
9.2	Future Tenancy Agreements	24
9.3	Notifications of Exceedances or Incidents	24
9.4	Independent Review	24
9.5	Acquisition upon Request	25
9.6	Mitigation Upon Request	25
10	Emergency Preparedness and Response	26
11	Monitoring and Reporting Requirements	27
11.1	Regulatory Monitoring	27

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	2 of 51

11.2	Environmental Inspections	29
11.3	Environmental Incident Reporting	29
11.4	Environmental Reporting	30
11.5	Independent Environmental Audit	30
11.6	Publication of Environmental Information	30
12	Roles and Responsibilities	32
13	Review	34

List of Tables

Table 1	RCN PA 08_0102	12
Table 2	RCS SSD 6300	13
Table 3	Legislation and Authorisations	14
Table 4	Environmental Management Plans	18
Table 5	Roles and Responsibilities	32

List of Figures

Figure 1	Locality	5
Figure 2	Conceptual Approved Rix's Creek North Mine	10
Figure 3	Conceptual Approved Rix's Creek South Mine	10
Figure 4	RCM Monitoring Locations	28

List of Appendices

Appendix A	Development Consent Conditions
Appendix B	Regulatory Correspondence
Appendix C	Licences and Approvals

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	3 of 51

1 Introduction

Rix's Creek Mine (RCM) is an open cut coal mine owned and operated by The Bloomfield Group (Bloomfield). RCM comprises the original Rix's Creek Mine, now known as Rix's Creek South (RCS) and the former Integra Open Cut Project, now known as Rix's Creek North (RCN).

RCM is located 5 to 10 km north-west of Singleton, both east and west of the New England Highway (NEH) (**Figure 1**).

This Environmental Management Strategy (EMS) has been developed to integrate environmental management for RCN and RCS mining operations under RCM located at Singleton in the Hunter Valley of New South Wales.

This EMS forms part of a series of Environmental Management Plans for RCM. It outlines the processes implemented and the persons responsible in order for Bloomfield to effectively manage environmental best practice and compliance through audits and reviews and the establishment of a process for continual improvement of environmental performance.

The EMS has been developed to:

- Facilitate the management of environmental issues;
- Ensure compliance with regulatory requirements;
- Improve environmental performance; and
- Meet stakeholder and community expectations.

1.1 Structure

This document is structured as follows:

Section 2 provides background information on RCM

Section 3 provides the statutory requirements;

Section 4 introduces the Environmental Policy;

Section 5 discusses the planning processes for environmental management;

Section 6 discusses the environmental management at RCM;

Section 7 outlines the implementation and operation of environmental management;

Section 8 outlines internal and external communication and consultation;

Section 9 provides the requirements for landholder notifications

Section 10 discusses emergency response and preparedness;

Section 11 outlines the monitoring and reporting requirements; and

Section 12 discusses the review of this document.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	4 of 51



RIXS CREEK COAL MINE

2 Background

This section discusses the history of mining at RCM and the approved operations. **Figure 2** and **Figure 3** provide the approved layout for RCS and RCN, respectively to which this EMS applies.

2.1 Rix's Creek North

Operations at RCN commenced in 1991 as the Camberwell Coal Project. Since then, mining has been completed in the North Pit and South Pit. The North Pit has been rehabilitated with the exception of the area required for underground access. The South Pit is progressively being rehabilitated as part of activities within the Western Extension.

RCN operated in accordance with PA 08_0102 granted on 26 November 2010 which facilitates the following activities to 31 December 2035:

- The continued development and operation of the Falbrook Pit (North Open Cut).
- Long term use of the CHPP, train loader and associated infrastructure and facilities as they relate to the approved open cut mining activities.
- Management and disposal of tailings from the CHPP.
- Progressive reshaping and rehabilitation of mine related disturbance.
- Implementation and maintenance of environmental management systems.
- Development of the Camberwell Pit (Western Extension) either to the Full Pit Extent or Part Pit Extent, depending on whether the 'Dulwich' property is acquired or not or a suitable arrangement is made with this landholder.
- Final rehabilitation of the RCN project mining areas following the cessation of open cut mining activities and monitoring and maintenance of the rehabilitated areas until they are signed off by the relevant government agency and the relevant Mining Lease can be relinquished.

The approved activities specifically relating to the Camberwell Pit (Western Extension) include:

- The recovery of approximately 30Mt of Run-of-Mine (ROM) coal from within the Camberwell Pit (Western Extension) Mining Area. Mining would be undertaken over a period of some 9 to 12 years with coal extraction undertaken from a series of mining horizons extending from the Lower Lemington to the Hebden sequences, at an annual ROM coal production of up to 4.5 million tonnes per annum (Mtpa);
- Mining of approximately 160ha of land;
- Progressive clearing of vegetation and stripping of soil for direct placement upon completed waste rock emplacement areas or its stockpiling for future rehabilitation activities; and
- Removal of overburden and coal using truck and excavator/shovel methods, 24 hours a day, 7 days a week with an annual rate of overburden removal ranging between 12 and 26Mbcm.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	6 of 51

Approved activities in the Falbrook Pit (North Open Cut) include:

- Extraction of coal by open cut mining methods from within a pit shell covering approximately 90ha and from three principal coal seams, namely the Middle / Lower Liddell, the Barrett and the Hebden seams.
- Transportation of run-of-mine (ROM) coal to the CHPP via a combination of internal haul routes, with and without intermediate stockpiling.
- Stockpiling of ROM coal at temporary ROM coal stockpile areas located at the top of the active open cut ramp or within the existing RL100 Stockpile Area, with subsequent transportation to the CHPP.
- Highwall / auger mining from the northern highwall for a maximum length of approximately 300m.
- Programmed placement of waste rock materials into an out-of-pit waste rock emplacement, with subsequent placement out-of-pit as well as in-pit.
- Progressive construction of surface water control structures, including sediment containment dams.
- Storage and washing of ROM coal and dispatch of product coal from the CHPP and placement of fine tailings material within the existing tailings dams.
- Progressive reshaping and rehabilitation of all areas of mining-related disturbance.

Operations in the North Open Cut commenced on 5 May 2009.

Additional mining in the Falbrook Pit was approved in 2008 under Development Application (DA) 06_0073, and extension of the Camberwell Pit was approved in 2010 under Project Approval (PA) 08_0102, which consolidated all previous approvals.

PA 08_0102 is approved until 31 December 2035 and generally includes the following operations:

- Falbrook Pit (previously known as North Open Cut);
- Camberwell Pit (previously known as South Pit);
- RCN Coal Handling and Processing Plant (CHPP) and stockpiles;
- Rail loop and rail loadout facilities; and
- Associated maintenance and administration buildings.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	7 of 51

2.2 Rix's Creek South

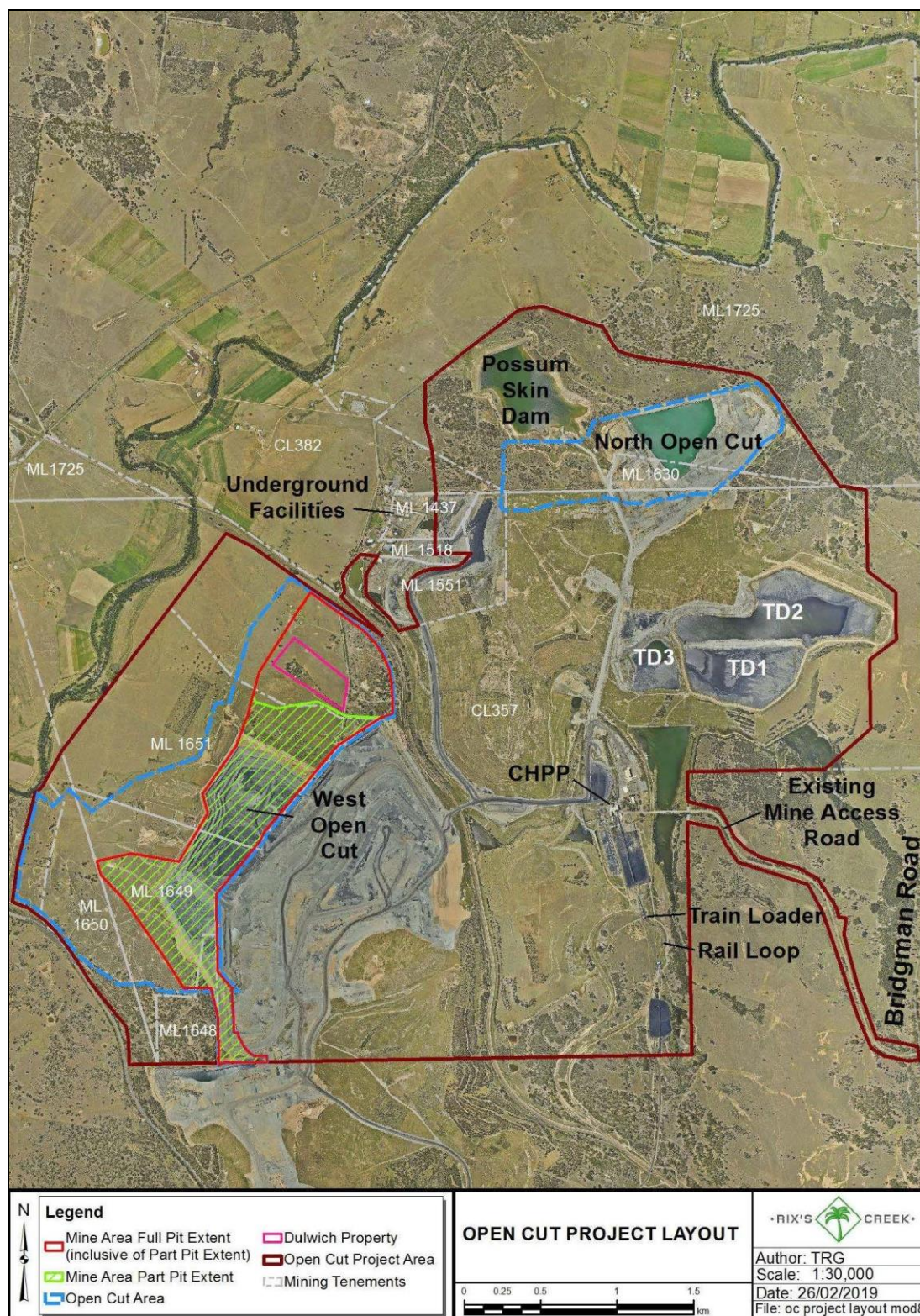
Operations at RCS commenced in 1990 as the Rix's Creek Mine. Mining has been completed in the original Pit 1 and Pit 2 areas on the east and south western side of the New England Highway (NEH), which have been mostly backfilled and rehabilitated. RCS has operated from 19 October 1995 under DA 49/94 which will be surrendered at an appropriate time.

RCS received approval for SSD 6300 on 12 October 2019 which allows expansion of the West Pit north away from Singleton which was commenced on 24 February 2020.

RCS is approved under SSD 6300 until 12 October 2040 for the following operations:

- West Pit (previously known as Pit 3);
- RCS CHPP;
- Train loading facility located on the RCN rail loop and clean coal stockpiles; and
- Associated maintenance and administration buildings.

Document Title:	Environmental Management Strategy		Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No: 1.4
Reviewed By:	D Holmes			Issue Date: 15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No: 8 of 51

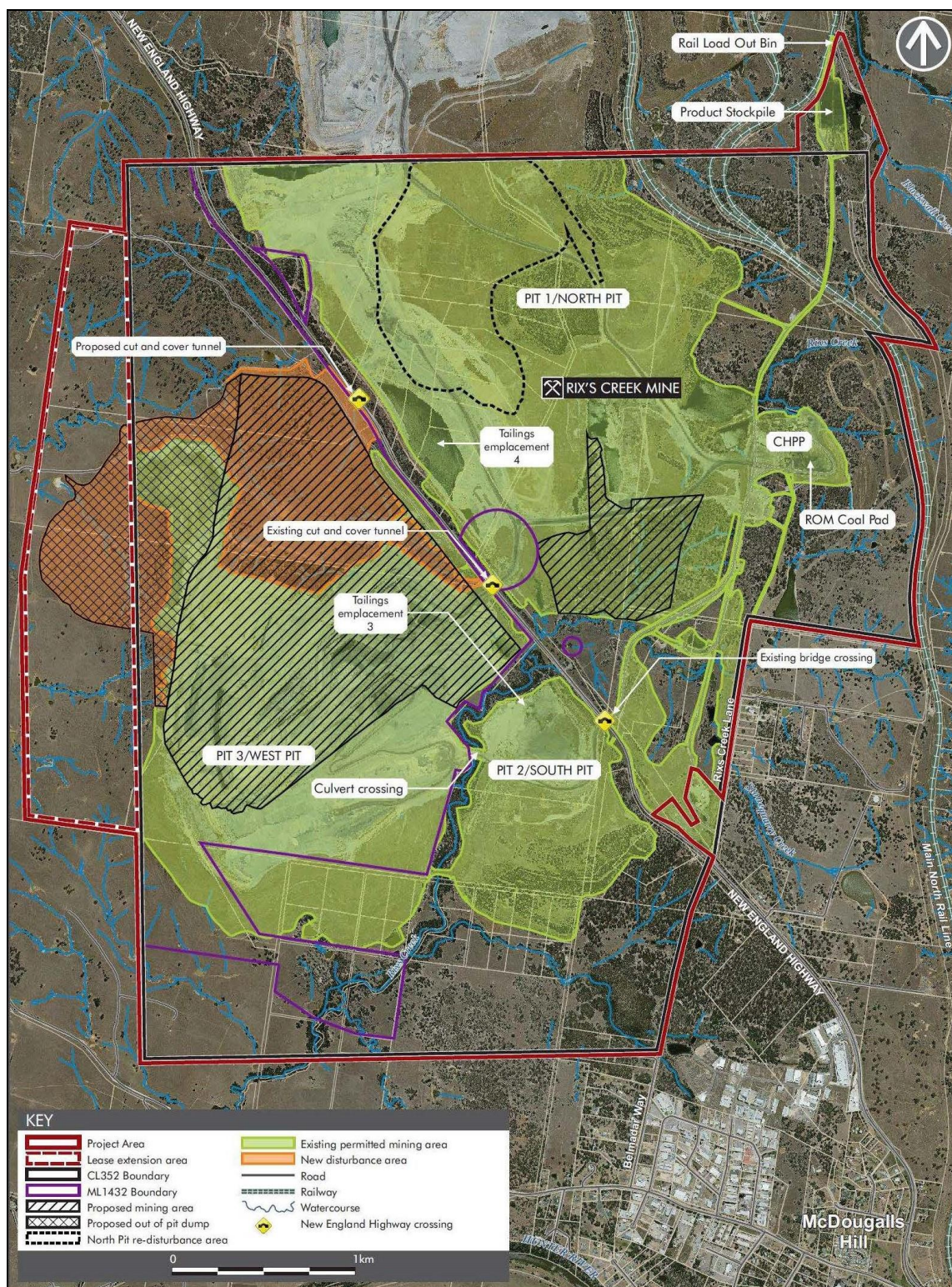


Source: Appendix 3 of PA 08_0102

Figure 2
Conceptual Approved Rix's Creek North Mine

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	9 of 51

Environmental Management Strategy Rix's Creek Mine



Source: Appendix 2 of SSD 6300

Figure 3
Conceptual Approved Rix's Creek South Mine

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	10 of 51

3 Statutory Requirements

This section discusses the statutory requirements applicable to RCM. All activities conducted on the coal mine site are governed by the statutory acts and regulations of NSW.

Bloomfield is committed to complying with all regulatory requirements relevant to the environmental aspects of the operation. Copies of the relevant Acts, Regulations, Standards, Licences, Leases and Approvals are maintained by the Environmental Department at RCM and can be readily accessed when required.

Up-to-date legal environmental information for NSW and Australia applicable to RCM is obtained on a regular basis through the internet site www.legislation.nsw.gov.au, the government gazette, information provided by the NSW Minerals Council and various other sources.

3.1 Environmental Management Strategy

This EMS has been prepared in accordance with Schedule 5 Condition 1 of PA 08_0102 (as modified), and Part E Condition E1 of SSD 6300.

Appendix A (Table A1) outlines the relevant conditions in PA 08_0102 (as modified) and where each is addressed in the EMS. **Appendix A** (Table A2) outlines the relevant conditions in SSD 6300 (as modified) and where each is addressed in the EMS.

The specific EMS requirements within PA 08_0102 and where each is addressed in this EMS are shown in **Table 1**. The specific EMS requirements within SSD 6300 and where each is addressed in this EMS are shown in **Table 2**.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	11 of 51

Table 1
RCN PA 08_0102

Ref	Legal Requirement	Section
Schedule 5, Condition 1	If the Secretary requires, the Proponent must prepare an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must:	Appendix B
	(a) be submitted to the Secretary for approval;	
	(b) provide the strategic framework for the environmental management of the project;	5
	(c) identify the statutory approvals that apply to the project;	3.1 Appendix A
	(d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;	12
	(e) describe the procedures that would be implemented to: <ul style="list-style-type: none"> keep the local community and relevant agencies informed about the operation and environmental performance of the project; receive, handle, respond to, and record complaints; resolve any disputes that may arise during the course of the project; respond to any non-compliance; and respond to emergencies; and 	8 8.3 8.4 11.3
	(f) include: <ul style="list-style-type: none"> copies of any strategies, plans and programs approved under the conditions of this approval; and a clear plan depicting all the monitoring required to be carried out under the conditions of this approval. 	6.1 Figure 4
	The Proponent must implement the approved strategy as approved from time to time by the Secretary.	

Table 2
RCS SSD 6300

Ref	Legal Requirement	Section
Schedule 5, Condition 1	The Applicant must prepare an Environmental Management Strategy for the development to the satisfaction of the Planning Secretary. This strategy must:	Appendix B
	(a) be submitted to the Planning Secretary for approval within six months of commencing development under this consent;	5
	(b) provide the strategic framework for the environmental management of the project;	3.1 Appendix A
	(c) identify the statutory approvals that apply to the project;	12
	(d) set out the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;	8 8.3 8.4 11.3
	(e) set out the procedures that would be implemented to: <ul style="list-style-type: none"> keep the local community and relevant agencies informed about the operation and environmental performance of the development; receive, handle, respond to, and record complaints; resolve any disputes that may arise during the course of the development; respond to any non-compliance and any incident; and respond to emergencies; and 	6.1 Figure 4
	(f) include: <ul style="list-style-type: none"> references to any strategies, plans and programs approved under the conditions of this consent; and a clear plan depicting all the sites where monitoring is to be carried out under the conditions of this consent. 	
	The Applicant must implement the Environmental Management Strategy as approved by the Planning Secretary.	

3.2 Relevant Legislation and Authorisations

Bloomfield is committed to achieving compliance with relevant legislation as well as the authorisations granted under those Acts. The primary regulatory requirements that are relevant to RCM operations are listed in **Table 3**.

Table C1 and **Table C2** in **Appendix C** provide detailed lists of authorisations held by RCM relevant to mining activities. Other authorisations can be found in the relevant management plan.

Table 3
Legislation and Authorisations

Primary Legislation	RCM Authorisations
<i>Environmental Planning and Assessment Act 1979</i>	PA 08_0102 and SSD 6300
<i>Protection of the Environment Operations Act 1997</i>	EPL 3391 (Table C2)
<i>Mining Act 1992</i>	Authorities as listed in Table C1
<i>Work Health and Safety Regulation 2011</i>	Dangerous Goods Licences (Table C2)

Other Acts that may be relevant to environmental management at RCM include:

- *Heritage Act 1977*;
- *National Parks and Wildlife Act 1974*;
- *Biodiversity Conservation Act 2016*;
- *Waste Avoidance and Resource Recovery Act 2001*;
- *Water Management Act 2000*;
- *Water Act 1912*;
- *Roads Act 1993*; and
- *Environmental Protection and Biodiversity Conservation Act 1999* (Commonwealth).

3.3 Stakeholder Consultation

Schedule 5 Condition 1(a) and Condition E1(a) of SSD 6300 requires Bloomfield to submit the EMS to the Secretary of DPIE (Planning Secretary) for approval within six months of commencing development.

The EMS was submitted to DPIE for approval on 15 May 2020. A copy of the DPIE approval letter is included in **Appendix B**.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	14 of 51

4 Environmental Policy

Bloomfield, its subsidiary and associated companies operate in accordance with 'The Bloomfield Group Environmental Policy'. Bloomfield's goal is to achieve a high standard of care for the natural environment in all activities during the production of quality coal and the provision of engineering related services. Bloomfield aims to ensure all operations are conducted in an ecologically sustainable manner.

The Environmental Policy is an active document which will be reviewed, updated and distributed regularly. The most recent version of the Bloomfield Group Environmental Policy can be requested via email from info@bloomcoll.com.au.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	15 of 51

5 Planning

Bloomfield aims to integrate environmental management planning into its strategic and business planning cycle. The first step in this process is to identify key risks to environmental management through the assessment of environmental aspects and impacts, and develop site objectives and targets.

Bloomfield identifies, manages, reviews and documents all environmental aspects and impacts relevant to its operation.

Review of this EMS and other Management Plans is undertaken in accordance with Condition E5 of SSD 6300 and Schedule 5 Condition 5 of MP 08_0102. These reviews are undertaken with inputs from the following:

- Baseline environmental studies;
- Review of current environmental performance data;
- Review of any existing or proposed changes to the operations;
- Review of relevant legislation, standards, codes and additional external requirements;
- Industry experience; and
- Relevant stakeholders, particular needs, interests and local knowledge.

As part of these reviews, identified significant environmental aspects, impacts and appropriate preventative and/or mitigating measures are documented through the site environmental management systems.

5.1 Objectives and Targets

The objectives and targets for RCM are derived from the results of the aspects and impacts review, development consents and associated assessments, Environmental Protection Licence 3391 (EPL), previous environmental performance, community concerns and other regulatory and company requirements. Objectives and targets are set in order to meet the commitments outlined in the EA, and to measure the performance of the Bloomfield environmental management system.

An annual environmental plan is developed which includes internal environmental performance targets set by the Bloomfield Management Team to address specific operational issues and to promote continual improvement. The status of the strategy and annual plan actions are updated in the site's action management database. Should actions not be completed or where objectives are not being met, remedial actions are developed.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	16 of 51

6 Environmental Management

Environmental issues are managed at RCM to allow Bloomfield to:

- Ensure compliance with regulatory requirements;
- Continually improve its environmental performance; and
- Satisfy the expectations of stakeholders and the local community.

Environmental management plans and procedures have been developed for the EMS. These documents:

- Describe the core element of the management system and interactions; and
- Provide direction to related documentation and other references.

The levels of documentation within the EMS include:

- Environmental policy;
- Environmental objectives and targets;
- Environmental management system;
- Management plans;
- Procedures;
- Forms; and
- Registers.

6.1 Management Plans

Management Plans have been prepared in accordance with the licences and approvals for RCN and RCS. Management Plans outline the key strategies and operational control mechanisms which will be employed to maintain compliance with the relevant conditions of approval.

Management plans also include monitoring programs which outline the framework for measuring and monitoring environmental performance as described in **Section 11**. The environmental management plans that are implemented at RCM are listed in **Table 4**.

Approved management plans are provided in full on Bloomfield's website at:

<https://www.bloomcoll.com.au/sustainability/environmental-management/rixs-creek-assessments/management-plans-and-strategies>

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	17 of 51

Table 4
Environmental Management Plans

Aspect	Approval Authority	Management Plan	
		PA 08_0102	SSD 6300
Noise	Department of Planning, Housing and Infrastructure (DPHI)	Noise Management Plan	Noise Management Plan
Air Quality and Greenhouse Gas	DPHI	Air Quality & Greenhouse Gas Management Plan	Air Quality & Greenhouse Gas Management Plan
Water	DPHI	Water Management Plan	Water Management Plan
Blasting	DPHI	Blast Management Plan	Blast Management Plan
	Internal		Explosive Principal Control Plan
Biodiversity	DPHI	Biodiversity Management Plan	Biodiversity Management Plan
Rehabilitation	DPHI		Rehabilitation Strategy
	Resources Regulator	Rehabilitation Management Plan	Rehabilitation Management Plan
Waste	DPHI	Waste Management Plan	
Heritage	DPHI	Heritage Management Plan	Aboriginal Cultural Heritage Management Plan Historic Heritage Management Plan
Social	DPHI		Social Impact Management Plan
Geotechnical Stability	Internal		Ground or Strata Instability Principal Mining Hazard Management Plan
Cut and Cover Tunnel	Roads and Maritime Services		Construction Traffic Management Plan
Pollution management	EPA (EPL 3391 Condition O5)	Pollution Incident Response Management Plan	Pollution Incident Response Management Plan

Document Title: **Environmental Management Strategy**

Document Owner: **Chris Knight**

Prepared By: C Quinn

Print Date:

2-Sep-25

Version No: 1.4

Reviewed By: D Holmes

Issue Date: 15 July 2025

Approved By: Chris Quinn

Review Frequency:

36 MONTHS

Page No: 18 of 51

6.2 Operational Procedures

Internal environmental procedures provide an outline of how activities will be carried out in a manner that minimizes potential harm to the environment. Environmental procedures are drafted for major risk activities and work areas identified in the risk assessment discussed in **Section 5** to help control and/or mitigate the risk.

Environmental procedures include purpose, scope, objective, definitions, references, responsibilities, procedural requirements/steps and training sections where required. These procedures provide the step-by-step process of how to carry out a specific task or provide specific or further detail for environmental requirements within the work areas.

Where procedures do not exist for a work activity, a risk assessment is required to be undertaken prior to commencement of work. Risk assessments are aimed at identifying potential risk/hazards associated with the work tasks, including environmental risks or hazards. Risk assessments are undertaken in accordance with the Bloomfield Group Risk Management System.

6.3 Document Control

The document control system aims to ensure that:

- Documents are periodically reviewed and are accessible (excluding private information);
- Relevant people are informed of new documents and changes to existing documents;
- Superseded and obsolete documents are promptly removed; and
- Documents to be retained for legal purposes are identified and stored.

Controlled document tracking is minimised by having one controlled hardcopy of the EMS with a controlled 'read only' access on the site intranet.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	19 of 51

7 Implementation and Operation

Bloomfield ensures effective implementation of environmental controls through clearly assigned roles and responsibilities, regular training and awareness of employees and contractors, and consistent internal and external communication.

Employees are empowered to report incidents immediately, and Bloomfield have emergency response processes in place, and procedures to ensure reporting to regulatory departments occurs within statutory timelines. Bloomfield conducts internal inspections and audits to track compliance with all requirements.

7.1 Competence, Training and Awareness

All personnel undergo Environmental Awareness Training during their site induction as a minimum. This training is aimed at providing a minimum standard of environmental education. The level of training relates to the areas that the person requires access. The two types of induction training include:

- Site employees; and
- Contractors.

A designated site representative is responsible for conducting this training. The Environmental Manager is to ensure that the content of the induction adequately reflects the ongoing changes of the operational conditions and activities in relation to managing the environment. The Site Supervisors are responsible for ensuring that all persons entering their work area have undergone the correct induction training.

Bloomfield also provide regular awareness training through toolbox sessions and pre-start meetings, which equip personnel to:

- Effectively undertake their tasks in accordance with the relevant environmental procedures in order to prevent or minimise environmental impacts; and
- Recognise the environmental hazards associated with their specific work tasks.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	20 of 51

8 Communication and Consultation

Bloomfield encourages a constructive and consultative approach to environmental management and active participation by all personnel in the environmental management of the operation.

8.1 Internal Communication

Internal communication strategies include (at least):

- **Morning Production Meetings.** These meetings occur daily and provide a detailed presentation in regards to the previous day's mine operation, this includes safety, health and environmental matters and concerns for that period. Predicted conditions for the next shift and management of environmental issues such as dust and noise are also discussed;
- **Shift Changeover Meetings.** A shift meeting where all hazards and incident as well as production information for the previous shift are raised and discussed;
- **Toolbox Meetings.** Held to raise the Workplace health and safety (WH&S) and environmental awareness of the workforce and to discuss identified issues in the workplace. Toolbox meetings also provide an opportunity for employees to discuss any environmental concerns/issues; and
- **Notice Boards.** Notice boards are used to display relevant Environmental and WH&S information, alerts and statistics.
- **Website:** The website provides environmental information such as environmental monitoring and reporting, approved management plans and details on how to receive information on blasting.

8.2 External Communication

Bloomfield has an ongoing consultation program which allows for consideration of stakeholder views and timely feedback to any concerns raised. This program encourages a constructive and consultative approach to environmental management and active participation by all personnel in the environmental management of the operation.

Relevant stakeholders include:

- Department of Planning, Housing and Infrastructure (DPHI);
- Biodiversity and Conservation Trust (BCT);
- Resources Regulator (RR);
- NSW Resources, a division of the Department of Primary Industries and Regional Development, Singleton Shire Council (SSC);
- Community Consultative Committee (CCC);
- Local Indigenous groups; and
- Local community.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	21 of 51

Communication and consultation strategies include:

- Rix's Creek Newsletters;
- Rix's Creek Community Hotline;
- The Bloomfield Group website (<https://www.bloomcoll.com.au/>) (includes links to regular reporting on environmental performance);
- Local landowners and residents; and
- Community participation.

8.3 Complaints Handling and Response

Bloomfield has a 24-hour telephone hotline (02 4930 2665) for the members of the public to lodge complaints and concerns or to raise issues associated with the operations. This service aims to promptly and effectively address community concerns and environmental matters.

The hotline number is advertised on the Bloomfield Group website (<https://www.bloomcoll.com.au/>) and members of the community are encouraged to contact the hotline if they need to highlight any environmental issues or seek information regarding environmental aspects associated with RCM.

In addition, a member of the community can contact the RCM Environmental Department in person, by phone, fax, e-mail or letter. Any person that is likely to be in a position to receive concerns is trained to deal with complaints in a professional, private and effective manner.

All complaints received are recorded in accordance with the *Privacy Act 1988* and logged in the Complaint Register. The Complaint Register is only viewable by environmental personnel and is protected to prevent others viewing recorded information. All complainants are asked if they would like their complaint and / or details recorded. Information which may be recorded includes:

- Date and time the complaint was lodged;
- The method by which the complaint was made;
- Personal details provided by the complainant;
- Nature of the complaint;
- Action taken or if no action was taken, the reason why; and
- Follow up contact with the complainant following investigation.

All anonymous complaints will be received, investigated and actioned (if required). However, if no details are provided RCM will not be able to provide feedback to the complainant. The outcome of the complaint will be recorded in the register.

Only generalised, non-personal information is published in the monthly complaint register on the Company website. No personal details such as name, address, phone number are published or any other information which may allow the complainant to be identified. A summary of complaints is reported in the EPL Annual Return and Annual Review, and presented at the CCC meetings.

The complaint record will be kept for at least four years after the complaint was made.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	22 of 51

8.4 Dispute Resolution

All disputes will be handled by the site Environmental Superintendent and if the response of RCM is not considered to satisfactorily address the concern of the complainant, a meeting will be convened with the Mine Manager and/or the Environmental Manager together with the Environmental Superintendent.

The complainant will be advised of the outcomes from the meeting and the actions to be implemented as a result. After implementation of the proposed actions the complainant will be contacted and advice sought as to the satisfaction or otherwise with the measures taken.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	23 of 51

9 Landholder Notifications, Mitigation and Acquisition

9.1 Landholder and Tenants Notifications

Under Schedule 4, Condition 1 (a) i & ii of PA 08_0102 and Condition D4 of SSD 6300, Bloomfield were required to notify landowners and tenants of their mitigation or acquisition rights. For SSD 6300, these notifications were sent via registered mail on 28 October 2019.

Under Schedule 2, Condition D4 (a) iii of SSD 6300, Bloomfield were required to notify landowners within a 3km radius of the mine of their entitlement to request a baseline inspection on their property. These notifications were hand delivered to residences over the period from 28 October 2019 – 8 November 2019.

Notifications, where required in accordance with Condition D4 of SSD 6300, included a copy of the NSW Health fact sheet entitled "Mine Dust and You" (dated 4 May 2017) where environmental assessment predictions identified dust emissions generated by RCM were likely to be greater than relevant air quality criteria at any time in the life of RCM. Notifications required under PA 08_0102 were sent in accordance with conditions previously.

9.2 Future Tenancy Agreements

Prior to entering into any future tenancy agreement (including renewals) for any Bloomfield owned land that is predicted to experience exceedances of the recommended dust and/or noise criteria, Bloomfield will:

- Advise the prospective tenants of the potential 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
- Advise the prospective tenants of the rights they would have under SSD 6300 and PA 08_0102.

9.3 Notifications of Exceedances or Incidents

Where the protocol in **Section 11.1** identifies an exceedance of relevant criteria, notification in writing to relevant private landholders, and provision of the NSW Health fact sheet entitled "Mine Dust and You" (latest version) will occur as soon as practical in accordance with Schedule 4, Condition 3 of PA 08_0102 and Conditions D6 and D7 of SSD 6300.

Tenancy agreements include the option to terminate without penalty due to air quality concerns.

9.4 Independent Review

If an owner of privately-owned land considers RCM to be exceeding the relevant criteria in PA 08_0102 Schedule 3 or SSD 6300 Part B they may ask the Planning Secretary of DPHI in writing for an independent review of the impacts of the development on their land.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	24 of 51

Bloomfield will progress this review in accordance with Schedule 4, Condition 4 of PA 08_0102 and Conditions D8 to D10 of SSD 6300 as required.

9.5 Acquisition upon Request

Upon receipt of a written request for acquisition from the owner of the land, Bloomfield will follow the procedures in Schedule 4, Conditions 7 and 8 of PA 08_0102 or Conditions D11 to D18 of SSD 6300 to acquire any property stipulated in the consent and summarised in **Appendix A**, but only if that land is no longer subject to acquisition upon request under a relevant development consent or project approval for another mine as detailed in the Tables.

Within three months of receiving a written request from a landowner with acquisition rights, Bloomfield will make a binding written offer to the landowner in accordance with Schedule 4, Condition 7 of PA 08_0102 or Condition D11 of SSD 6300.

9.6 Mitigation Upon Request

Upon receiving a written request from the owner of any residence on the land listed in PA 08_0102 Table 1 (for which the acquisition basis is air quality), Table 12 or on privately owned land where subsequent monitoring shows the dust generated by RCM exceeds the air quality limits in PA 08_0102 Table 10 or SSD 6300 Table 7 or Table 8, Bloomfield will implement additional air quality mitigation measures in consultation with the owner of the residence. This may include measures in accordance with the Voluntary Land Access and Mitigation Policy (VLAMP) which are reasonable and feasible and may include such items as first flush roof water drainage system and/or air conditioning.

These measures must be reasonable and feasible and directed towards reducing the air quality impacts of RCM on that residence.

Bloomfield must also be responsible for the reasonable costs of ongoing maintenance of these additional mitigation measures until the cessation of mining operations.

If within three months of receiving a request for mitigation from the land owner, Bloomfield 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.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	25 of 51

10 Emergency Preparedness and Response

The Emergency Response Principal Control Plan is an integral component of the Integrated Management System. The Emergency Response Principal Control Plan encompasses environmental emergencies such as (but not limited to):

- Major spill of hydrocarbons or chemicals;
- Release of dirty water off-site into watercourses; and
- Bushfire events.

As a result, responses to these situations are contained within the Emergency Response Principal Control Plan. A controlled copy of the Emergency Response Principal Control Plan can be obtained from the Document Controller.

As required under EPL 3391 Condition O5, Bloomfield maintains, tests and implements as required a Pollution Incident Response Management Plan (PIRMP). The PIRMP is reviewed annually and is available on the Bloomfield public website.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	26 of 51

11 Monitoring and Reporting Requirements

Measuring, monitoring and evaluating are key activities that ensure that RCM is performing in accordance with the EMS Policy, objectives and targets.

11.1 Regulatory Monitoring

Bloomfield operates an extensive monitoring network which includes monitoring locations for all relevant aspects of environmental management including air quality, noise, water and blasting in accordance with development consents, EPL 3391 and other licences and approvals. The indicative locations of monitoring locations at RCM are shown in **Figure 4**.

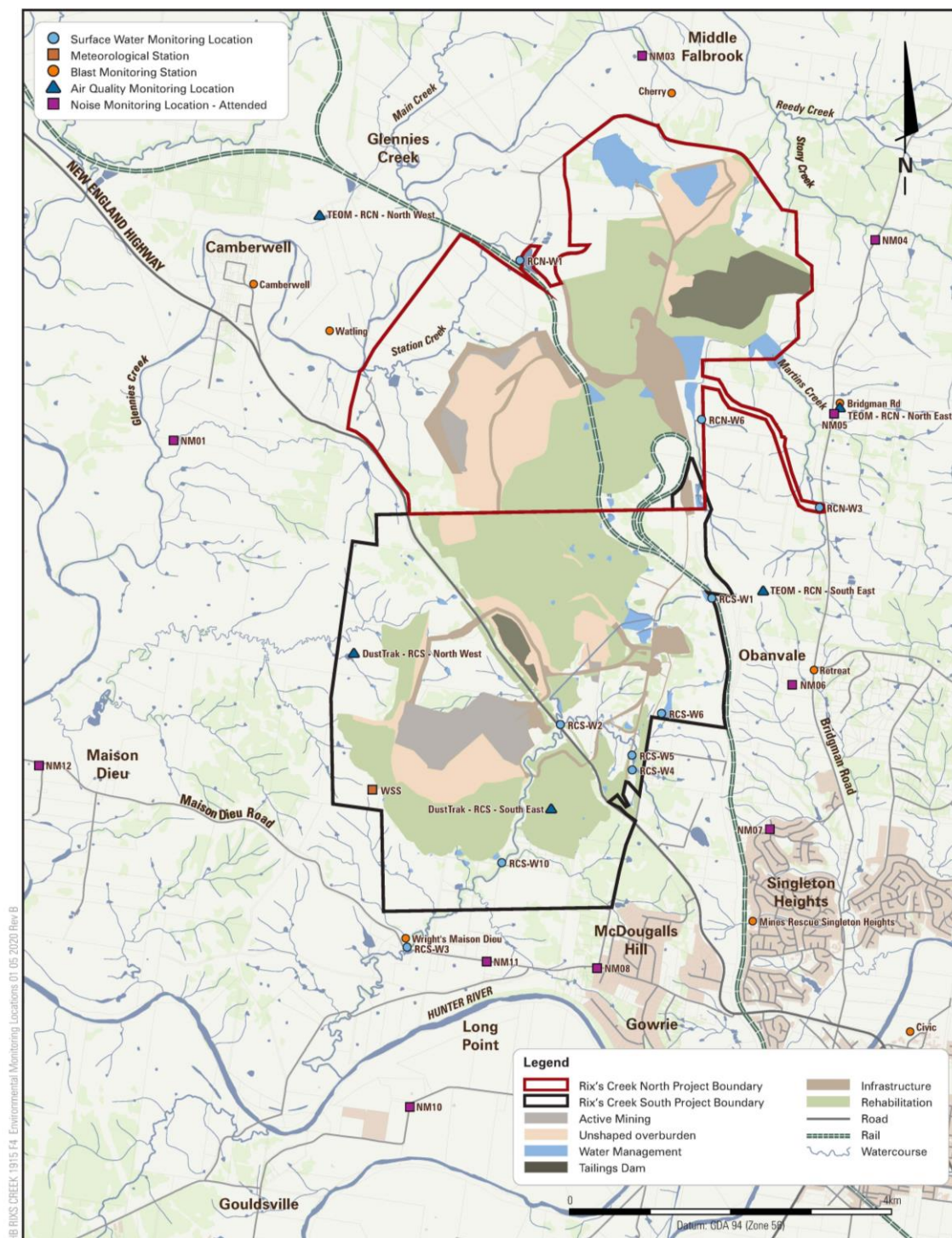
The relevant management plans as described in **Section 6.1** should be referenced for current details of monitoring requirements.

The results of the monitoring are reported as discussed in **Section 11.4**.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	27 of 51

Environmental Management Strategy

Rix's Creek Mine



RIXS CREEK COAL MINE

Environmental Monitoring Locations

FIGURE 4

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight	
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4	
Reviewed By:	D Holmes			Issue Date:	15 July 2025	
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	28 of 51	

11.2 Environmental Inspections

Regular internal environmental inspections and audits are undertaken to determine compliance with licences and approvals. Inspections are conducted by the RCM Environment team.

In the event a non-conformance is identified during the inspection, corrective and/or preventative actions are developed and tracked through the action management database. The completion and effectiveness of the corrective and/or preventative action is to be assessed during the next inspection.

11.3 Environmental Incident Reporting

All personnel are required to report environmental incidents that cause potential or actual harm to the environment and/or are determined to be a non-conformance. The following information is provided in an incident report:

- Time, date, location and name of person who identified the incident;
- Description of the incident and investigation;
- How and why the incident occurred;
- What were the actual and potential environmental impacts;
- Corrective actions to reduce short term recurrence and risk; and
- Preventative actions to prevent long term recurrence of the incident.

Condition E7 of SSD 6300 and Schedule 5 Condition 8 of PA 08_0102 requires Bloomfield to immediately report any incidents to DPHI and any other relevant agencies. An incident is defined in both Development Consents as:

"An occurrence or set of circumstances that causes or threatens to cause material harm and which may or may not be or cause a non-compliance."

In accordance with Condition E7 of SSD 6300 and Schedule 5 Condition 8 of PA 08_0102, the Incident Report would include:

- Identification of the development (including development application number and name); and
- Location and nature of the incident.

Bloomfield is required to report any non-compliances to DPHI in writing within seven (7) days of becoming aware of the non-compliance under Condition E8 of SSD 6300 and Schedule 5 Condition 9 of PA 08_0102. A non-compliance is defined as:

"An occurrence, set of circumstances or development that is a breach of this consent."

In accordance with Condition E8 of SSD 6300 and Schedule 5 Condition 9 of PA 08_0102, a non-compliance report includes:

- Identification of the development (including development application number and name);
- Set out the condition of this approval that the development is non-compliant with;
- The way in which it does not comply and the reasons for the non-compliance (if known);
- What actions have been, or will be, undertaken to address the non-compliance.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	29 of 51

11.4 Environmental Reporting

Environmental reporting will be undertaken as required to periodically report on environmental management and compliance.

This reporting will include but not be limited to:

- An Annual Review (external) (required under Schedule 5, Condition 10 of PA 08_0102 and Conditions E9 of SSD 6300);
- An Annual EPL Return (external); and
- Environmental monitoring results (external) on website as required by EPL
- The Annual Review will also provide the comprehensive summary of monitoring results as required in accordance with Schedule 5, Condition 13 of PA 08_0102 and Condition E14 of SSD 6300.

11.5 Independent Environmental Audit

Under Condition E10 of SSD 6300 and Schedule 5 Condition 11 of PA 08_0102, an independent environmental audit of each of the RCN and RCS operations will be conducted every three years and the results reported to the Secretary DPHI and made available on the website.

An IEA is also required for RCS under Condition E10 of SSD 6300 within one year of commencing development under the consent.

Actions and recommendations are communicated to senior management and actioned as necessary. Actions are tracked through the action management database. Any relevant findings are considered in the planning processes discussed in **Section 5**.

11.6 Publication of Environmental Information

As required by Schedule 5, Condition 13 of PA 08_0102 and Condition E14 of SSD 6300 Bloomfield provides all relevant environmental information on their public website <http://www.bloomcoll.com.au/>. The website is updated with information pertaining to but not limited to:

- The documents listed in Schedule 2, Conditions 2 and 3 of PA 08_0102 and Condition A2(c) of SSD 6300;
- Current statutory project approvals;
- All approved Management plans, programs and strategies;
- Minutes of CCC meetings;
- Regular reporting on the environmental performance of the development as required in any approved plans or programs;
- Monitoring results;
- A summary of the current progress of the development;
- Contact details to enquire about the development or make a complaint;
- Independent environmental audit reports;

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	30 of 51

-
- Complaints received;
 - Annual reviews; and
 - Links to government air quality and noise information and contact details for NSW complaint avenues;

This material will be periodically updated on the website as it becomes publicly available.

Document Title:	Environmental Management Strategy		Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No: 1.4
Reviewed By:	D Holmes			Issue Date: 15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No: 31 of 51

12 Roles and Responsibilities

The key roles responsible for the implementation of environmental management at RCM are shown in **Table 5**.

Table 5
Roles and Responsibilities

Role	Responsibilities	Section
Operations Manager	Accountable for the overall environmental performance of RCM, including the outcomes of this Environmental Management Strategy	3.3
	Ensures adequate resources are available to implement this Environmental Management Strategy	5
	Annual planning for environmental risks	10
	Review of Emergency response procedures to ensure inclusion of environmental issues.	
Environmental Superintendent	Accountable for ensuring all employees in the respective areas are committed to and implement the requirements of this Environmental Management Strategy	7.1
	Review of Emergency response procedures to ensure inclusion of environmental issues.	10
	Annual planning for environmental risks	5
	Environmental monitoring	11
	Update of environmental management plans	13
	Monitor changes to environmental regulatory requirements and advise relevant personnel	3.2
	Regular internal and external communication of environmental information	8
	Ensure the public website is kept up to date	11.6
	Notification of landholders and tenants.	9
Environmental Officer	Ensure the Environmental Management Strategy is implemented	7.1
	Providing consultative advice and facilitating training where required for the Environmental Management Strategy at RCM	
	Respond to complaints	8.3
	Completion of regular environmental inspections	11.2
	Regular review and update of internal procedures	6.2
Site Supervisors	Ensure all personnel in their area have undergone environmental training relevant to their position descriptions	7.1

Role	Responsibilities	Section
All personnel	<ul style="list-style-type: none"> Ensure that the procedures and forms are followed and recorded according to the Environmental Management System. 	7.1

13 Review

The review of this document will be in accordance with the requirements of the Environmental Management System or every 3 years. The reviews will be conducted after independent environmental reviews/audits and as required by relevant consent conditions. The purpose of the review is to ensure that the Strategy remains suitable, adequate and effective.

As required under Schedule 5, Condition 5 of PA 08_0102 and Condition E5 and E6 of SSD 6300, all strategies, plans and programs required under the consents will be reviewed within three months of:

- The submission of an incident report;
- The submission of an Annual Review;
- The submission of and Independent Environmental Audit; or
- The modification of the conditions of this consent (unless the conditions require otherwise).

Schedule 5 Condition 5 of PA 08_0102 states:

"The Proponent must notify the Department in writing of any such review being undertaken."

Condition E6 of SSD 6300 states:

"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 will be submitted to the Planning Secretary for approval within six weeks of review.

Environmental performance will also be reviewed annually within the Annual Review which is submitted to the relevant agencies and stakeholders.

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	34 of 51

Appendix A: Development Consent Conditions

Document Title:	Environmental Management Strategy		Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No: 1.4
Reviewed By:	D Holmes			Issue Date: 15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No: 35 of 51

Table A1
PA 08_0102 Consent Conditions

Ref	Legal Requirement	Section
Schedule 5 Condition 2	The Proponent must ensure that the management plans required under this approval are prepared in accordance with any relevant guidelines, and include: (a) detailed baseline data;	n/a (not applicable to EMS)
	(b) a description of: <ul style="list-style-type: none"> the relevant statutory requirements (including any relevant approval, licence or lease conditions); any relevant limits or performance measures/criteria; 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; 	This table n/a n/a
	(c) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;	6
	(d) a program to monitor and report on the: <ul style="list-style-type: none"> impacts and environmental performance of the project; and effectiveness of any management measures (see (c) above); 	11
	(e) a contingency plan to manage any unpredicted impacts and their consequences;	n/a
	(f) a program to investigate and implement ways to improve the environmental performance of the project over time;	11
	(g) a program to regularly review management practices to align with contemporary best practice industry standards;	13
	(h) a protocol for managing and reporting any: <ul style="list-style-type: none"> 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 	11.3 8.3 11.3 11.3

Document Title: **Environmental Management Strategy**

Document Owner: **Chris Knight**

Prepared By: C Quinn

Print Date: 2-Sep-25

Version No: 1.4

Reviewed By: D Holmes

Issue Date: 15 July 2025

Approved By: Chris Quinn

Review Frequency: **36 MONTHS**

Page No: 36 of 51

Ref	Legal Requirement	Section
	<p>(i) a protocol for periodic review of the plan.</p> <p><i>Note: The Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i></p>	13
Schedule 5 Condition 3	<p>Preparation of Management Plans</p> <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 approval that applied prior to the approval of Modification 6, or otherwise with the approval of the Secretary.</p>	13
Schedule 5 Condition 4	<p>Relationships between Management Plans</p> <p>With the agreement of the Secretary, the Proponent may combine any strategy, plan or program required by this approval with any similar strategy, plan or program required for Rix's Creek.</p>	6.1 Appendix B
Schedule 5 Condition 5	<p>Revision of Strategies, Plans & Programs</p> <p>Within 3 months of:</p> <p>(a) the submission of an incident report under condition 8 below;</p> <p>(b) the submission of an annual review under condition 10 below;</p> <p>(c) the submission of an audit report under condition 11 below, or</p> <p>(d) any modification of the conditions of this approval (unless the conditions require otherwise),</p> <p>the Proponent must review, and if necessary, revise, the strategies, plans, and programs required under this approval to the satisfaction of the Secretary.</p> <p><i>Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the project.</i></p>	13
Schedule 5 Condition 8	<p>Incident Notification</p> <p>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.</p>	11.3

Ref	Legal Requirement	Section
Schedule 5 Condition 9	<p>Non-compliance Notification</p> <p>Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing to compliance@planning.nsw.gov.au and identify the development (including the development application number and name), set out the condition of this approval that the development is non-compliant with, the way in which it does not comply and the reasons for the noncompliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.</p> <p><i>Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.</i></p>	11.3
Schedule 5 Condition 10	<p>Annual Review</p> <p>By the end of March each year, or other timing as may be agreed by the Secretary, the Proponent must submit a report to the Department reviewing the environmental performance of the project to the satisfaction of the Secretary. This review must:</p> <ul style="list-style-type: none"> (a) describe the 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; (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: <ul style="list-style-type: none"> • relevant statutory requirements, limits or performance measures/criteria; • monitoring results of previous years; and • relevant predictions in the documents referred to in condition 2 of Schedule 2; (c) identify any non-compliance over the previous calendar year, and describe what actions were (or are being) taken to ensure compliance; (d) identify any trends in the monitoring data over the life of the project; (e) identify any discrepancies between the predicted and actual impacts of the project, and analyse the potential cause of any significant discrepancies; and (f) describe what measure will be implemented over the current calendar year to improve the environmental performance of the project. 	11.4

Ref	Legal Requirement	Section
Schedule 5 Condition 11	<p>INDEPENDENT ENVIRONMENTAL AUDIT</p> <p>By the end of December 2011, and every 3 years thereafter, unless the Secretary directs otherwise, the Proponent must commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:</p> <ul style="list-style-type: none"> (a) be conducted by suitably qualified, experienced and independent team of experts whose appointment has been endorsed by the Secretary; (b) include consultation with the relevant agencies; (c) assess the environmental performance of the project and whether it is complying with the relevant requirements in this approval and any relevant EPL or Mining Lease (including any assessment, plan or program required under these approvals); (d) review the adequacy of 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; (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 (f) be conducted and reported to the satisfaction of the Secretary. <p><i>Note: This audit team must be led by a suitably qualified auditor and include experts in any fields specified by the Secretary.</i></p>	11.5
Schedule 5 Condition 12	Within 12 weeks of commissioning this audit, or as otherwise agreed by the Secretary, the Proponent must submit a copy of the audit report to the Secretary, together with its response to any recommendations contained in the audit report.	11.5
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.	11

Ref	Legal Requirement	Section
Schedule 5 Condition 13	<p>ACCESS TO INFORMATION</p> <p>The Proponent must:</p> <p>(a) make copies of the following publicly available on its website:</p> <ul style="list-style-type: none"> the documents referred to in conditions 2 and 3 of Schedule 2; all current statutory approvals for the project; all approved strategies, plans and programs required under the conditions of this approval; the monitoring results of the project, reported in accordance with the specifications in any conditions of this approval, or any approved plans or programs; a complaints register, which is to be updated on a monthly basis; minutes of CCC meetings; the annual reviews over the life of the project; any independent environmental audit, and the Proponent's response to the recommendations in any audit; and any other matter required by the Secretary; <p>(b) keep this information up to date, to the satisfaction of the Secretary.</p>	11.6

Table A 2
SSD 6300 Development Consent Conditions

Ref	Legal Requirement	Section
Part A Condition A21(d)	With the approval of the Planning Secretary, the Applicant may: (d) combine any strategy, plan or program required by this consent with any other similar strategy, plan or program required by a consent or approval for any adjoining mine subject to common, shared or related ownership or management.	Appendix B
Part E Condition E4	Management plans required under this consent must be prepared in accordance with any relevant guidelines, and include: (a) a summary of relevant background or baseline data;	n/a (not applicable to EMS)
	(b) details of: (i) the relevant statutory requirements (including any relevant approval, licence or lease conditions); (ii) any relevant limits or performance measures/criteria; and (iii) 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;	3 n/a n/a
	(c) any relevant commitments or recommendations identified in the document/s listed in condition A2(c)	In individual management plans
	(d) a description of the measures that would be implemented to comply with the relevant statutory requirements, limits, or performance measures/criteria;	6
	(e) a program to monitor and report on the: (i) impacts and environmental performance of the project; and (ii) effectiveness of any management measures (see (c) above);	11
	(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;	In individual management plans
	(g) a program to investigate and implement ways to improve the environmental performance of the project over time;	5

Document Title: **Environmental Management Strategy**

Document Owner: **Chris Knight**

Prepared By: C Quinn

Print Date:

2-Sep-25

Version No:

1.4

Reviewed By: D Holmes

Issue Date:

15 July 2025

Approved By: Chris Quinn

Review Frequency:

36 MONTHS

Page No:

41 of 51

Ref	Legal Requirement	Section
	(h) a protocol for managing and reporting any:	
	(i) incident, non-compliance or exceedance of any impact assessment criteria or performance measure;	11.3
	(ii) complaint; or	8.3
	(iii) failure to comply with other statutory requirements;	11.3
	(i) public sources of information and data to assist stakeholders in understanding environmental impacts of the development; and	11.6
	(j) a protocol for periodic review of the plan. <i>Note: The Planning Secretary may waive some of these requirements if they are unnecessary or unwarranted for particular management plans.</i>	13
Condition E5	Revision of Strategies, Plans & Programs Within 3 months of: (a) the submission of an incident report under condition E7; (b) the submission of an annual review under condition E9; (c) the submission of an Independent Environmental Audit under condition E10, or (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.	13
Condition E6	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 6 weeks of the review. <i>Note: This is to ensure the strategies, plans and programs are updated on a regular basis, and incorporate any recommended measures to improve the environmental performance of the development.</i>	13

Document Title:	Environmental Management Strategy		Document Owner:	Chris Knight	
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	42 of 51

Ref	Legal Requirement	Section
Condition E7	<p>Incident Notification</p> <p>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.</p>	11.3
Condition E8	<p>Non-compliance Notification</p> <p>Within seven days of becoming aware of a non-compliance, the Applicant must notify the Department of the non-compliance. The notification must be in writing to compliance@planning.nsw.gov.au and identify the development (including the development application number and name), set out the condition of this approval that the development is non-compliant with, the way in which it does not comply and the reasons for the noncompliance (if known) and what actions have been, or will be, undertaken to address the non-compliance.</p> <p><i>Note: A non-compliance which has been notified as an incident does not need to also be notified as a non-compliance.</i></p>	11.3
Condition E9	<p>Annual Review</p> <p>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:</p> <ul style="list-style-type: none"> (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 of each stage; (c) include a comprehensive review of the monitoring results and complaints records of the development over the previous calendar year, which includes a comparison of these results against the: <ul style="list-style-type: none"> (i) relevant statutory requirements, limits or performance measures/criteria; (ii) requirements of any plan or program required under this consent; 	11.4

Ref	Legal Requirement	Section
	<ul style="list-style-type: none"> (iii) monitoring results of previous years; and (iv) relevant predictions in the document/s listed in condition A2(c); (d) identify any non-compliance or incident over the previous calendar year, and describe what actions were (or are being) taken to rectify the non-compliance and avoid recurrence; (e) evaluate and report on: <ul style="list-style-type: none"> (i) The effectiveness of the noise and air quality management systems; and (ii) compliance with the performance measures, criteria and operating conditions of this consent; (f) identify any trends in the monitoring data over the life of the development; (g) identify any discrepancies between the predicted and actual impacts of the development, and analyse the potential cause of any significant discrepancies; and (h) describe what measure will be implemented over the current calendar year to improve the environmental performance of the development. 	
Condition E10	<p>INDEPENDENT ENVIRONMENTAL AUDIT</p> <p>Within one year of commencing development under this consent, and every 3 years thereafter, unless the Planning Secretary directs otherwise, the Proponent must commission and pay the full cost of an Independent Environmental Audit of the project. This audit must:</p> <ul style="list-style-type: none"> (a) be led by a suitably qualified, experienced and independent auditor whose appointment has been endorsed by the Secretary; (b) be led and 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; (c) be carried out in consultation with the relevant agencies and the CCC; (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); (e) review the adequacy of any approved strategy, plan or program required under the abovementioned approvals and this consent; 	11.5

Ref	Legal Requirement	Section
	<p>(f) 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 this consent; and</p> <p>(g) be conducted and reported to the satisfaction of the Secretary.</p>	
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.	11.5
Condition E14	<p>ACCESS TO INFORMATION</p> <p>Within three months of commencing development under this consent, until the completion of all rehabilitation required under this consent, the Applicant must:</p> <p>(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:</p> <ul style="list-style-type: none"> (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; (viii) contact details to enquire about the development or to make a complaint; (ix) a complaint register, updated monthly; (x) the Annual Reviews of the development; 	11.6

Environmental Management Strategy

Rix's Creek Mine

Ref	Legal Requirement	Section
	<p>(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;</p> <p>(xii) any other matter required by the Planning Secretary; and</p> <p>(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</p> <p>(b) keep such information up to date, to the satisfaction of the Planning Secretary.</p>	

Document Title: **Environmental Management Strategy**

Document Owner: **Chris Knight**

Prepared By: C Quinn

Print Date:

2-Sep-25

Version No:

1.4

Reviewed By: D Holmes

Issue Date:

15 July 2025

Approved By: Chris Quinn

Review Frequency:

36 MONTHS

Page No:

46 of 51

Appendix B – Regulatory Correspondence

Document Title:	Environmental Management Strategy		Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No: 1.4
Reviewed By:	D Holmes			Issue Date: 15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No: 47 of 51



Chris Knight
Environment Manager
The Bloomfield Group
PO Box 4
East Maitland, NSW, 2323

11/03/2021

Dear Mr Knight

Rix's Creek Mine (SSD-6300)
Environmental Management Strategy

I refer to the Environmental Management Strategy submitted in accordance with Condition E1 of Schedule 2 of the Development Consent for the Rix's Creek Mine (SSD-6300).

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

Accordingly, the Planning Secretary has approved the Environmental Management Strategy (Version 1.3, dated 14 May 2020). Please ensure that the approved plan is placed on the project website at the earliest convenience.

If you wish to discuss the matter further, please contact Wayne Jones on 6575 3406.

Yours sincerely

Matthew Sprott
Director
Resource Assessments (Coal & Quarries)

As nominee of the Planning Secretary

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	48 of 51

Christopher Knight
Environmental Manager
The Bloomfield Group
Four Mile Creek Road
Ashtonfield, NSW, 2323

01/09/2025

Subject: Environmental Management Strategy

Dear Mr Knight

I refer to the Environmental Management Strategy (EMS) Revision 1.4, submitted to the Department of Planning, Housing and Infrastructure (the Department) as required under Schedule 5, condition 1 for the Rix's Creek North Open Cut Project (MP08_0102). The EMS has been updated to address relevant changes resulting from the Modification 10 consent approved on 5 March 2025.

Accordingly, as nominee of the Planning Secretary, I approve the revised Environmental Management Strategy (Revision 1.4, dated 14/07/2025).

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

Please ensure you make the document publicly available on the project website at the earliest convenience.

If you wish to discuss the matter further, please contact Sarah Kamarudin, Senior Planning Officer on 02 8275 1861 or email sarah.kamarudin@dpie.nsw.gov.au.

Yours sincerely



Gen Lucas
A/Director
Resource Assessments

As nominee of the Planning Secretary

Appendix C – Licences and Approvals

Document Title:	Environmental Management Strategy			Document Owner:	Chris Knight
Prepared By:	C Quinn	Print Date:	2-Sep-25	Version No:	1.4
Reviewed By:	D Holmes			Issue Date:	15 July 2025
Approved By:	Chris Quinn	Review Frequency:	36 MONTHS	Page No:	49 of 51

Table C1
Mining Authorities for RCM

Mining Authority	Comment
Rix's Creek North	
Coal Lease (CL) 357	Expires 27 March 2032
ML1725	Expires 11-11-2033
Mining Lease (ML) 1630	Expires 16-03-2030
ML 1648	Expires 04-02-2032
ML 1649	Expires 04-01-2032
ML 1650	Expires 04-01-2032
ML 1651	Expires 04-01-2032
Rix's Creek South	
CL 352	Expires 10 October 2031
ML 1432	Expires 23/06/2040

Document Title: **Environmental Management Strategy**

Document Owner: **Chris Knight**

Prepared By: C Quinn

Print Date: 2-Sep-25

Version No: 1.4

Reviewed By: D Holmes

Issue Date: 15 July 2025

Approved By: Chris Quinn

Review Frequency: **36 MONTHS**

Page No: 50 of 51

Table C2
Other Licences for RCM

Issued By	Number	Grant Date	Expiry/ Renewal/ Anniversary Date	Comment
Environment Protection Licence				
EPA	EPL3391	21 August 2000	3 April	For coal mining and processing at the RCN and RCS, on a scale of >5 million tonnes coal handled and >5 million tonnes of coal product loaded.
Dangerous Goods Licences				
WorkCover	NDG 028098 (RCN)	14/4/2019		Notification of Dangerous Goods on Premises (ammonium nitrate, emulsions and combustible liquids).
WorkCover	NDG 032405 (RCS)	14/4/2019	Ongoing	Licence to store Dangerous Goods on premises (ammonium nitrate, emulsions and combustible liquids).
Radiation Management Licences				
NSW EPA	5079769		14/4/20	Radiation Regulated Material ID 8661 (Old No: RR10119)
				Radiation Regulated Material ID 8663 (Old No: RR10120)
				Radiation Regulated Material ID 8664 (Old No: RR10121)
				Radiation Regulated Material ID 9121 (Old No: RR7561)

Document Title: **Environmental Management Strategy**

Document Owner: **Chris Knight**

Prepared By: C Quinn

Print Date:

2-Sep-25

Version No: 1.4

Reviewed By: D Holmes

Issue Date: 15 July 2025

Approved By: Chris Quinn

Review Frequency:

36 MONTHS

Page No: 51 of 51