



Environmental Management Strategy (EMS)

Springvale Coal Services Operation

February 2026

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	0	-	-	05/03/2021	Review to merge the Western Coal Services EMS and Lidsdale Siding EMS
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	1.1	DPPI RFI	3/02/2026	-	Request for additional information received from DPPI 26/01/2026.

Abbreviations

ARR	Annual Rehabilitation Report
CCC	Community Consultative Committee
CCL	Consolidated Coal Lease
CHPP	Coal Handling Preparation Plant
CL	Coal Lease
DPHI	NSW Department of Planning, Housing and Industry (Formerly NSW Department of Planning, Industry and Environment)
EMS	Environmental Management System
EPA	NSW Environmental Protection Authority
EPL	Environment Protection Licence
FWP	Forward Work Program
E&C	Environment and Community
HSEC	Health, Safety and Environment Committee
LCC	Lithgow City Council
LS	Lidsdale Siding
ML	Mining Lease
MLA	Mining Lease Application
MPL	Mining Purposes Lease
NPI	National Pollutant Inventory
NPWS	National Parks Wildlife Services
NSW	New South Wales
PIRMP	Pollution Incident Response Management Plan
RMP	Rehabilitation Management Plan
RR	NSW Resources Regulator
SCSO	Springvale Coal Services Operations
WAL	Water Access Licence
WCS	Western Coal Services

1. Introduction

1.1. Springvale Coal Services Operations

Springvale Coal Services Operations (SCSO) is managed as part of Centennial's Springvale Coal Mine (Springvale) located in the western coalfields near Lithgow, New South Wales.

SCSO is a coal processing and storage facility, used for run-of-mine (ROM) coal handling, stockpiling, ROM coal beneficiation (washing), emplacement of coal reject material and emplacement of residual waste from the Springvale Water Treatment Plant (SWTP). It connects to a network of conveyors which can transfer coal between Springvale, Mount Piper Power Station (MPPS) and Lidsdale Siding (LS).

SCSO manages two sites as part of its operation, Springvale Coal Services Site under the Western Coal Services project (WCS) Development Consent SSD-5579, and LS under the Lidsdale Siding Project Upgrade Project Approval PA 08_0223. Management of SCSO is undertaken via a management team reporting to the SCSO Manager, refer to **Table 4** for the organisational structure and roles and responsibilities for SCSO.

1.1.1. Western Coal Services

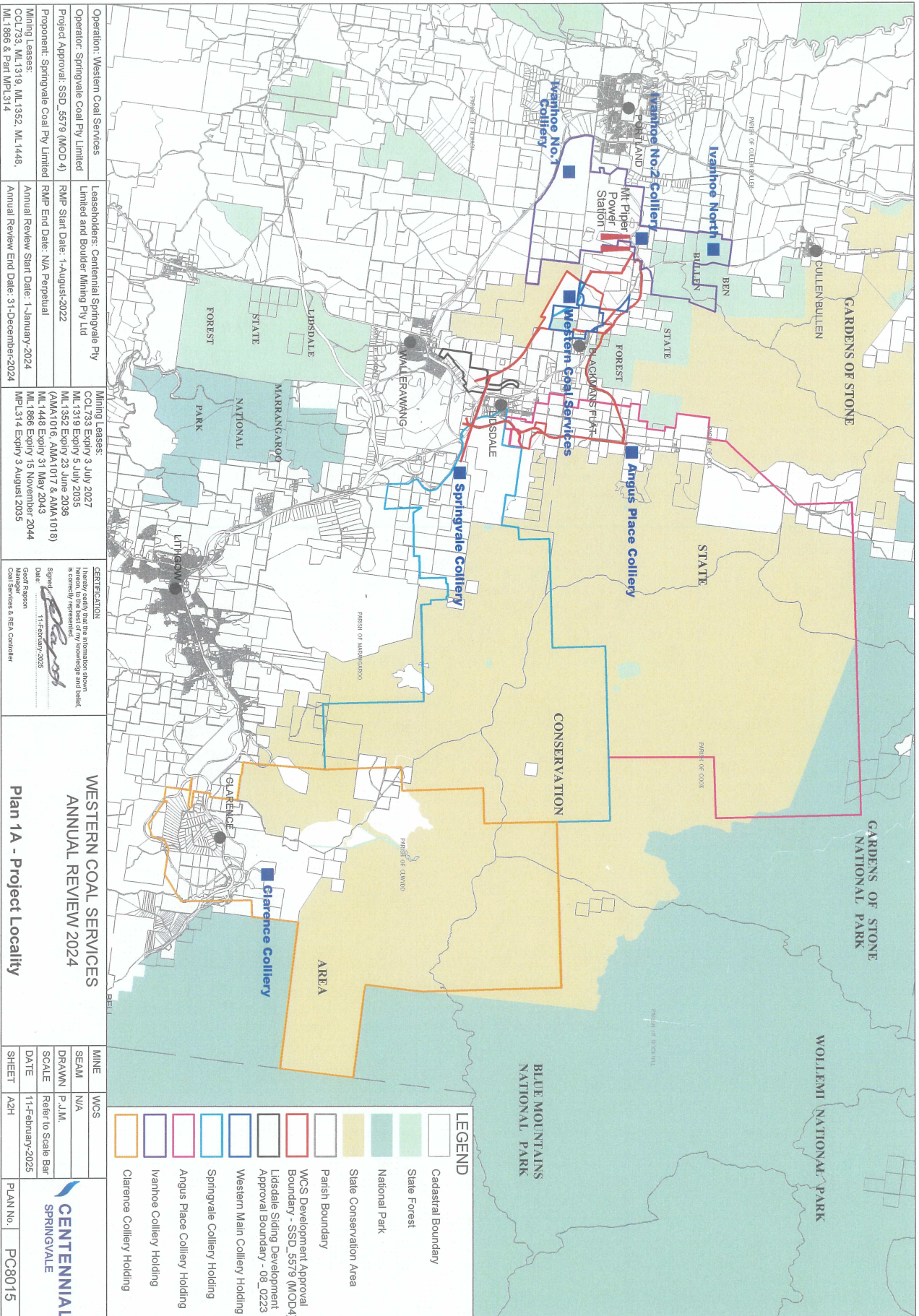
WCS is located northeast of the townships of Wallerawang and Lidsdale along the Castlereagh Highway. The operation is bordered by the Blackmans Flat Village to the east, Gardens of Stone State Conservation Area (GoSSCA) to the south-west and the MPPS to the north-west.

Operations at WCS involve transporting and processing coal produced from underground mining at Springvale and handled at LS. This product is stockpiled at WCS for processing in the Coal Handling and Preparation Plant (CHPP) or for delivery to MPPS. Alternatively, coal is delivered to LS via the overland conveyor system for dispatch via train to either Port Kembla or Newcastle for export. **Figure 1** outlines WCS and its surrounding environment.

1.1.2. Lidsdale Siding

LS is located on the northern edge of the township of Wallerawang, opposite the former Wallerawang Power Station and is currently used to export coal from the western region mines to the port for export. Coal is also imported from western region mines for processing and delivery to the MPPS via the overland conveyor system linking LS, WCS and MPPS. **Figure 1** outlines LS and its surrounding environment.

Figure 1 – Regional Location Plan



Operator: Western Coal Services	Leaseholders: Centennial Springvale Pty Limited and Boulder Mining Pty Ltd
Operator: Springvale Coal Pty Limited	RMP Start Date: 1-August-2022
Proposed Approval: SSD_5579 (MCD-4)	RMP End Date: N/A Depepual
Proponent: Springvale Coal Pty Limited	Annual Review Start Date: 1-January-2024
Annual Review End Date: 31-December-2024	

Mineral Leases:	Mineral Leases:
CC123 Eqnly 3 July 2027	ML1319 Eqnly 8 July 2026
ML1319 Eqnly 8 July 2026	AMA1016, AMA1017 & AMA1018
ML1448 Eqnly 31 May 2043	ML1866 Eqnly 15 November 2044
ML1866 Eqnly 15 November 2044	NPL1314 Eqnly 3 August 2035

CERTIFICATION
 I, the undersigned, being a duly qualified and licensed Professional Engineer, hereby certify that the information contained in this report is a true and correct representation of the facts as stated and that the same is correctly represented.
 Signed: [Signature]
 Date: 11 February 2025
 Geoff Ferguson
 Coal Services & REA Consultant

**WESTERN COAL SERVICES
 ANNUAL REVIEW 2024
 Plan 1A - Project Locality**

MINNE	WCS	CENTENNIAL SPRINGVALE
SEAMI	N/A	
DRAWN	P.J.M.	
SCALE	Refer to Scale Bar	
DATE	11-February-2025	
SHEET	A2H	PLAN No. PC8015

LEGEND

[White Box]	Cadastral Boundary
[Light Green Box]	State Forest
[Green Box]	National Park
[Yellow Box]	State Conservation Area
[White Box with Blue Border]	Parish Boundary
[Red Box]	WCS Development Approval Boundary - SSD_5579 (MCD4)
[Black Box]	Lidsdale Siding Development Approval Boundary - 08_0223
[Blue Box]	Western Main Colliery Holding
[Light Blue Box]	Springvale Colliery Holding
[Pink Box]	Angus Place Colliery Holding
[Purple Box]	Ivanhoe Colliery Holding
[Orange Box]	Clarence Colliery Holding

1.2. Background

The SCSO Environmental Management Strategy (EMS), this document, has been developed in accordance with the approvals for both WCS and LS:

- WCS State Significant Development Consent SSD-5579, issued by the Department of Planning, Industry and Environment (DPIE) on 4 April 2014, as modified (MOD 4) on 2 October 2022.
- LS Project Approval PA 08_0223 approved by the Planning Assessment Commission on 3 May 2013, as modified (MOD 5) in May 2024.

1.3. Purpose and Objectives

The purpose of this EMS is to provide a strategic framework for environmental management at SCSO and to comply with environmental legislation and regulatory requirements. Specific objectives of this EMS are to:

- Identify and comply with the relevant approvals, guidelines, standards and legislative requirements applicable to the SCSO operation;
- Provide a description of responsibilities pertaining to environmental management at SCSO;
- Minimise environmental and community impacts by identifying and mitigating risks;
- Outline the communication process regarding environmental planning and management;
- Develop and maintain good relations with the community and relevant stakeholders;
- Reduce the risk of incidents and complaints and outline the internal and external reporting requirements; and
- Comply with the Centennial Corporate EMS.

1.3.1. Centennial Environment and Community Policy

Centennial is committed to continual improvement in the environmental management of the Company's operations and developing effective community relationships. Recognising the importance of effectively managing environmental impacts associated with its operation, Centennial has developed an Environment and Community Policy (**Appendix 3**). The policy is endorsed by the Managing Director and Chief Executive Officer, and commits to continual improvement in its environmental management and performance. The key objectives are achieved by:

- Implementation of appropriate risk management strategies to manage environmental responsibilities;
- Developing and maintaining relationships with all stakeholders through meaningful consultation and engagement;
- Greater integration of environmental and sustainability management into our business;
- Efficient use of natural resources; and
- Continually improving our environmental and community management systems.

Centennial's Environment and Community Policy forms part of a broader EMS, developed to ensure that Centennial's strategic outlook for environmental management is clearly and concisely articulated. The Centennial EMS includes objectives to assist Centennial's operations in meeting the principles within the Environment and Community Policy.

The Policy is communicated to employees working for or on behalf of Centennial through site inductions and is displayed in the main office of WCS. In addition, the policy is made available to the public on the Centennial website at: www.centennialcoal.com.au.

1.4. Approvals and Licensing

Activities at SCSO are conducted in accordance with applicable State and Commonwealth environmental, planning, and natural resource legislation. SCSO operates under several different approvals including, but not limited to:

- Development Consents and Project Approvals issued by the DPHI, including EIS commitments;
- Environmental Protection Licences (EPLs) issued by the NSW Environment Protection Authority (EPA);
- Mining leases and Rehabilitation Management Plans (RMP) approved/ reviewed by NSW Resources Regulator (RR); and
- Water Licences and approvals issued by WaterNSW.

1.4.1. Conditions of Consent

All activities at SCSO are conducted in accordance with the WCS SSD-5579 and LS PA 08_0223. Details of the consent modifications are outlined in **Table 1**. The relevant approval conditions to the preparation of this EMS, including where they have been addressed, are provided in **Table 2**.

Table 1 – WCS and LS Consent Modifications Details

Modification Number	Details of Modification	Status
WCS SSD-5579		
Modification 1	Modification to allow for the transfer of residual waste from the Springvale Water Treatment Project.	Approved 19 June 2017
Modification 2	Changes to volume of coal received from Springvale Mine, coal stockpiling, employee numbers and noise criteria.	Approved 15 December 2017
Modification 3	Modification to enable alternative coal supply to Mount Piper Power Station.	Approved 23 August 2019
Modification 4	Modifications to water transfer and management system.	Approved 21 October 2022
LS PA 08_0223		
Modification 1	Allowed the receipt and unloading of up to one coal-laden train to the facility and construction of supporting infrastructure to facilitate unloading activities at the facility.	Approved August 2019
Modification 2	Allowed an increase in the number of laden trains being unloaded at the site.	Approved October 2019
Modification 3	Allowed the removal of rail unloading restrictions and the ongoing supply of supplementary coal to Mount Piper Power Station (MPPS).	Approved October 2020
Modification 4	Allowed for the receipt and handling of coal deliveries via truck from Clarence Colliery until the end of 2023.	Approved November 2022
Modification 5	Acceptance of up to 200,000 tpa of coal from the Clarence Colliery by truck into Lidsdale Siding via the Castlereagh Highway until 31 December 2026.	Approved May 2024

Table 2 – SCSO Conditions of consent

Condition Number	Approval Requirements	Addressed in this Document
WCS SSD-5579 (MOD 4)		
Schedule 5, Condition 1	The Applicant must prepare and implement an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must: (a) be submitted to the Secretary for approval within 6 months of the date of this approval, unless the Secretary agrees otherwise;	Noted. Original EMS submitted prior to 4 October 2014
	(b) provide the strategic framework for environmental management of the development;	Section 1.3
	(c) identify the statutory approvals that apply to the development;	This table (Section 1.4)
	(d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the development;	Section 3.1
	(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 mining complex; • receive, handle, respond to, and record complaints; • resolve any disputes that may arise; • respond to any non-compliances; • response to emergencies; and 	Section 3
	(f) include: <ul style="list-style-type: none"> • copies of any strategies, plans and programs approved under the conditions of this consent; and • a clear plan depicting all the monitoring to be carried out in relation to the development. 	Section 1.5 Appendix 1
LS PA 08_0223 (MOD 5)		
Schedule 5, Condition 1	The proponent must prepare and implement an Environmental Management Strategy for the development to the satisfaction of the Secretary. This strategy must: (a) be submitted to the Secretary for approval within 9 months of the date of this approval;	Noted. Original EMS submitted prior to 4 October 2014
	(b) provide the strategic framework for environmental management of the development;	Section 1.3
	(c) identify the statutory approvals that apply to the development;	This table (Section 1.4)
	(d) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project;	Section 3.1
	(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 mining project; • receive, handle, respond to, and record complaints; • resolve any disputes that may arise during the course of the project; • respond to any non-compliances; • response to emergencies; and 	Section 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 to be carried out under the conditions of this approval. 	Section 1.5 Appendix 1

1.4.2. Other Approvals and Licences

Table 3 presents a summary of other approvals, licenses and leases currently held for SCSO.

Table 3 – Other Approvals and Licences

Licence	Description	Issued By	Date of Issue	Expiry Date
WCS SSD _ 5579				
EPL 21229	WCS Environmental Protection License (EPL)	NSW EPA	17/05/2019	17/05 (Anniversary Date)
ML1319	Mining Lease – Centennial Springvale	Resources Regulator	23/06/1994	23/06/2036
CCL733	Consolidated Coal Lease – Centennial Springvale	Resources Regulator	26/05/1990	03/07/2027
ML 1352	Mining Lease – Centennial Springvale	Resources Regulator	23/06/1994	23/06/2036
ML 1448	Mining Lease – Centennial Springvale	Resources Regulator	31/05/1999	31/05/2043
ML 1866	Mining Lease – Centennial Springvale	Resources Regulator	15/11/2023	15/11/2044
AML 1016	Ancillary Mining Lease - Centennial Springvale	Resources Regulator	15/05/2019	23/06/2035
AML 1017	Ancillary Mining Lease - Centennial Springvale	Resources Regulator	15/05/2019	23/06/2035
AML 1018	Ancillary Mining Lease - Centennial Springvale	Resources Regulator	15/05/2019	23/06/2035
MPL 314	Mining Purposes Lease – Centennial Springvale	Resources Regulator	03/08/1990	03/08/2035
LS PA 08_0223				
EPL 5129	Lidsdale Siding Coal Loading Facility Environmental Protection License (EPL)	NSW EPA	19/05/2000	16/06 (Anniversary Date)
WAL 25774	Licenses the extraction of up to 1ML/year if surface water from Pipers Flat Creek, licensed by 10WA102993 (Lidsdale Siding)	NSW DPE – Water	01/07/2011	-
WAL 24362	Licenses the extraction of up to 8.5 ML/year of groundwater from a production bore (referred to as PB02 and licenced by 10WA116403)	NSW DPE – Water	01/07/2011	-
Site Leases	Memorandum of Lease (4/11/1978). NSW Rail land, but there is a lease in place between the managers of the site (John Holland Group) and Centennial Ivanhoe. The original lease was signed by the owners of the site (former Department of Public Transport Commission of NSW) and Austen and Butta Limited.	Rail Corporation	-	-

1.5. Environmental Management Plans

In accordance with Schedule 5 Condition 3 of SSD 5579 and Schedule 5 Condition 2 of PA 08_0223, Centennial and SCSO have developed numerous site specific and western region environmental management plans. Following consultation with DPHI in April 2025, Centennial received support to decouple Western Region Management Plans with project-specific Management Plans.

In accordance with schedule 5, Condition 11, of both SSD 5579 and PA 08_0223, all approved strategies, plans and programs required under each approval are publicly available at <https://www.centennialcoal.com.au/>.

Site specific and western region environmental management plans for SCSO include:

- Western Region Air Quality and Greenhouse Gas Management Plan
- Western Region Aboriginal Cultural Heritage Management Plan
- Western Region Historic Heritage Management Plan
- Western Region Biodiversity Offset Strategy
- Western Coal Services Noise Management Plan
- Western Coal Services Riparian Habitat and Catchment Improvement Plan (not yet approved)
- Western Coal Services Water Management Plan
- Western Coal Services Biodiversity Management Plan
- Lidsdale Siding Water Management Plan
- Lidsdale Siding Noise Management Plan
- Lidsdale Siding Rehabilitation and Closure Plan
- Lidsdale Siding Biodiversity Management Plan
- Lidsdale Siding Construction Environmental Management Plan
- Western Coal Services Construction Environmental Management Plan
- SCSO Pollution Incident Response Management Plan (PIRMP)

Environmental management plans identify potential environmental impacts, outline the application of mitigation measures and assessment criteria to ensure an acceptable level of performance is achieved. Management plans are reviewed and revised as required according to monitoring results, environmental performance and any changes in assessment criteria or government requirements. SCSO also operates under-site prepared strategies, procedures and permits that describe how compliance standards will be met onsite, for example the SCSO Land Disturbance Permit. **Figure 2** displays the structure of SCSO's Environmental Management System.

In addition, WCS operates under a Rehabilitation Management Plan (RMP), prepared in accordance with the Mining Exploration and Geoscience – Resources Regulators Form and Way: Rehabilitation Management Plans for Large Mine (Resources Regulator, 2021) and associated guidelines.

This EMS should be read in conjunction with the site-specific environmental management plans.

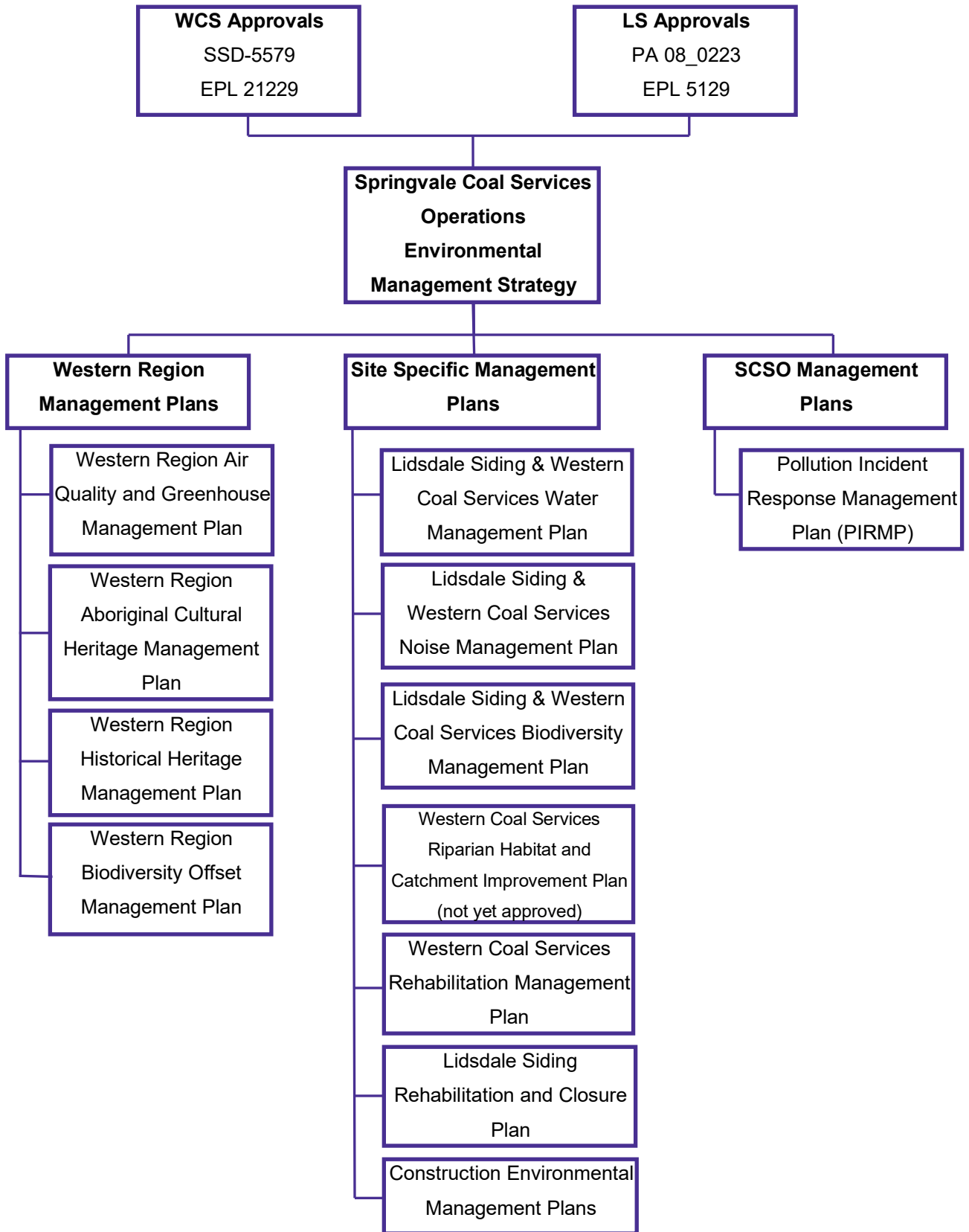


Figure 2 - Environmental Management System Structure

2. Implementation

2.1. Environmental Risk Management

SCSO implement this EMS by providing effective and adequate resources, including human, technology, and financial resources. To effectively manage environmental aspects of the operation, SCSO use a risk-based approach and implement controls to minimise environmental risks to as low as is reasonably practicable. Risk Assessments (RA's) considers the operational activities of SCSO, identifies the potential environmental hazards and assess the potential risk posed by the identified hazard. Specific activity RA's are undertaken as triggered by approval requirements or changes in operations (e.g. mine rehabilitation activities) and are maintained in a risk assessment register.

Environmental risks were identified through:

- Systematic identification of all activities undertaken by SCSO, including activities that are infrequent, or services provided by contractors
- Identification of environmental impacts and how activities can interact with the environment
- Analysis of the risks to determine risk rating, and
- Evaluation of the risks to determine which environmental aspects and impacts are significant risks to the environment and/or SCSO

The environmental activities that pose the highest risk were identified below:

- Contamination of surface and groundwater
- Discharge of site water to the environment that exceeds licence limits
- Seepage from site dirty water storages
- Noise disturbance
- Damage to culturally sensitive items

Environmental risks and impacts identified as part of SCSO activities are managed by site management plans that incorporate specific mitigation measures. The risks identified from the RAs are considered in the review of site management plans, programs and procedures.

3. Environmental Management Structure

3.1. Roles and Responsibilities

In accordance with Schedule 5 Condition 1 (d), **Section 3.1** of the EMS describes the role, responsibility, authority and accountability of all key personnel involved in the environmental management at SCSO.

Environmental management is the responsibility of all SCSO employees and contractors, and each are responsible for adhering to the Centennial Environment and Community Policy. Roles and responsibilities are communicated to all employees and contractors through the induction process and onsite familiarisation training. The SCSO organisation chart is outlined in **Figure 3** and a summary of key environmental responsibilities in **Table 4**.

SCSO personnel are supported by numerous other environmental personnel within Centennial, however these are not included in **Figure 3**. Additionally, specialist consultants are engaged to develop management plans, and conduct monitoring and audits as required by the conditions of consent.

Additionally, SCSO maintains a Health, Safety and Environment Committee (HSEC) made up of representatives from management and employees that is chaired by the elected Site Safety Representative. The HSEC meets monthly to discuss Health, Safety and Environment matters and

distributes relevant information to employees through minutes displayed on noticeboards.

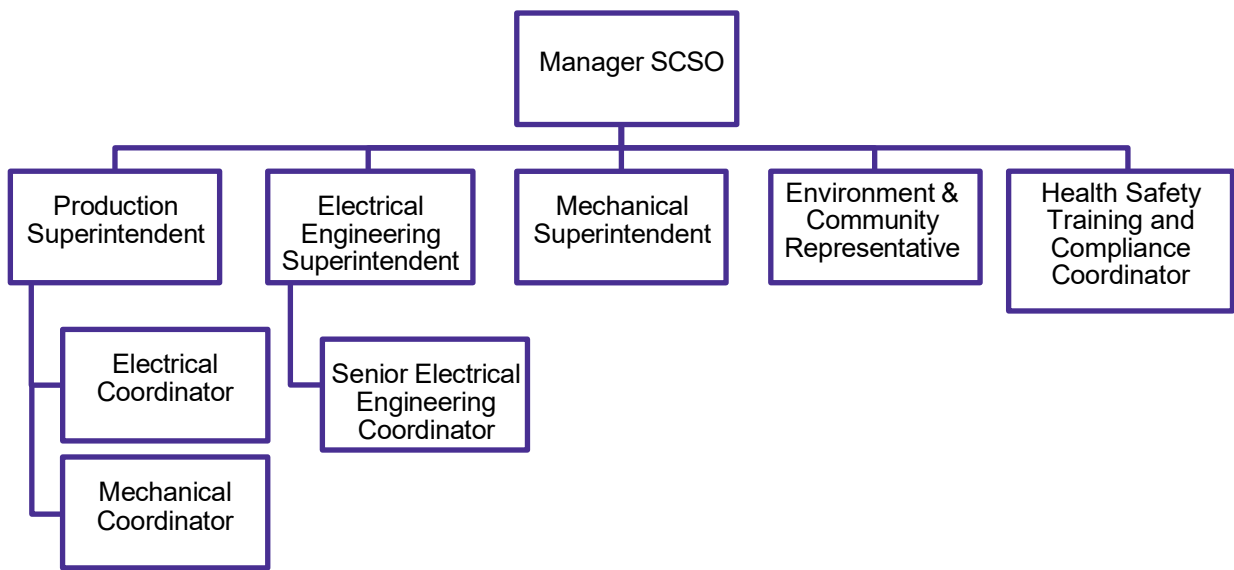


Figure 3 - Springvale Coal Services Operations Organisation Chart

Table 4 - Key Personnel and Accountability

Position	Responsibility
<p>Manager SCSO</p>	<ul style="list-style-type: none"> • Overall responsibility for environmental compliance • Promoting compliance with the Environment and Community Policy • Authority to complete environment and community work on behalf of Centennial • Authorisation, implementation and maintenance of SCSO EMS • Delegation of resources for environment risk mitigation implementation • Ensure site documentation is retained in a controlled format at SCSO • Investigate community complaints and/or enquiries in consultation with the Environment and Community (E&C) Representative • Review outcomes of investigations • Report significant environmental incidents to senior management and external stakeholders as required
<p>Environment & Community Representative</p>	<ul style="list-style-type: none"> • Compliance with the Environment and Community Policy • Authority to complete environment and community work on behalf of the Manager SCSO and Centennial Group Environment Team • Management of community impacts, incidents and complaints • Report environmental performance to the Manager • Coordinate environmental monitoring, reporting, inspections, environmental training, appropriate regulatory authority liaison, community complaints register, rehabilitation planning, representation on the community consultative committee, community liaison • Development and implementation of environmental strategies, plans and procedures • Record, investigate and respond to complaints and incidents and develop corrective actions to respond and mitigate re-occurrence • Prepare the necessary documentation to demonstrate compliance
<p>All Employees and contractors</p>	<ul style="list-style-type: none"> • Compliance with the Environment and Community Policy • Familiarisation and compliance with SCSO EMS at all times • Immediately report environmental incidents and community complaints or enquiries to the E&C Representative • Work in a manner that will not harm the environment • Report any inappropriate environmental management practices to E&C Representative and take immediate action • Identifying and implementing appropriate controls for environmental risks from any risk assessments and job safety analysis
<p>HSE Committee</p>	<ul style="list-style-type: none"> • Compliance with the Environment and Community Policy • Familiarisation and compliance with SCSO EMS at all times • Distribute relevant information to all site employees • Oversee a range of items to inform the workforce operational staff (including all contracted staff) of operational and industry HSEC matters • Oversee the formal communication to all site employees • Participate in and provide input to the Safety Management System, and consultation regarding possible changes in HSEC policies and procedures, and in other matters that may affect their safety at work.

3.2. Environmental Training

Environmental training provides relevant knowledge and skills to manage environmental issues and is provided to all SCSO personnel, contractors and visitors as outlined in **Table 5**. All staff and contractors are required to complete the site induction, including associated competency assessment, prior to undertaking any work on site.

Table 5 – Environmental Training

Training	Content Outline	Role Requirement	Frequency	Refresher
Employee Induction	<ul style="list-style-type: none"> • Site induction • General Environmental awareness • General emergency response • Site specific environment and community issues 	New Staff	On Commencement of employment	Induction refresher required 3-yearly
Contractor Induction	<ul style="list-style-type: none"> • Site induction • General Environmental awareness • General emergency response • Site specific environment and community issues 	All Contractors	First time onsite	Induction refresher required annually
Visitor Induction	<ul style="list-style-type: none"> • Basic site induction • General Environmental awareness • General emergency response 	Visitors	Each onsite visit	NA
Environment and community awareness training	<ul style="list-style-type: none"> • Centennial Environment and Community Policy • Purpose of EMS • Relevant Legislation • Significant environment and community risks • Community relations 	All Staff	On Commencement of employment	Where material change to the EMS or Determined by E&C Representative
Toolbox talks	<ul style="list-style-type: none"> • Environmental issues relevant to current work activities • Findings from inspections and audits • Updates to procedures and management plans 	All Staff	As required	NA
Incident Response	<ul style="list-style-type: none"> • Pollution Incident Response Management Plan (PIRMP) 	All Staff	On commencement of employment	Following: Activation of PIRMP or an update to the PIRMP

3.3. Reporting

SCSO communicate with a diverse range of people from a number of locations on environmental matters, from site personnel and contractors to community members, government agencies and departments. In accordance with Schedule 5 Condition 1 (e) of both approvals, a summary of environmental reporting requirements are detailed in **Table 6**.

Table 6 – External Environmental Reporting

Report	Approval and Relevant Condition	Frequency	Responsibility	Recipient
External Incident Report	<ul style="list-style-type: none"> SSD-5579 and PA 08_0223 Schedule 5 Condition 7 'Incident Reporting' EPL 21229 and EPL 5129 Condition R2 'Notification of Environmental Harm' 	Event Based Verbal immediate and Written within seven days of incident	Manager SCSO and E&C Representative	Relevant Regulatory Authorities as per PIRMP
EPL Environmental Monitoring Reports	<ul style="list-style-type: none"> <i>Protection of the Environment Operations Act 1997 (POEO Act)</i> s66(6) SSD-5579 and PA 08_0223 Schedule 5 Condition 11 	Monthly	E&C Representative	Public via website
Annual Return	<ul style="list-style-type: none"> EPL 21229 and EPL 5129 Condition R1 'Annual Return' 	Annual 60 days from anniversary date of EPL	E&C Representative	EPA
Annual Review	<ul style="list-style-type: none"> SSD-5579 and PA 08_0223 Schedule 5 Condition 4 'Annual Review' 	Annually WCS – end March LS – end February	E&C Representative	DPHI, Public via website
Annual Rehabilitation Report and Forward Work Plan	<ul style="list-style-type: none"> Clause 13 in Schedule 8A of Mining Regulation 2016 'Forward program and annual rehabilitation report' 	Annually WCS – end March	E&C Representative	RR Public via website
Independent Environmental Audit Report	<ul style="list-style-type: none"> SSD-5579 and PA 08_0223 Schedule 5, Condition 9 'Independent Environment Audit'. 	Every three years	Auditor, approved by DPHI	DPHI Public via website

3.4. Communication

Stakeholder consultation has been consistent and open throughout the life of SCSO operations. In accordance with Schedule 5, Condition 1 (e) of both approvals, **Section 3.4** of this EMS outlines the procedure SCSO implement to receive, handle, response to, record complaints and to resolve any disputes that may arise.

3.4.1. External Communication

External communication with the media will be conducted in accordance with the Centennial Stakeholder Engagement Standard. All contact will be conducted by the External Relations & Employee Engagement, who is authorised to speak on behalf of the company.

3.4.2. Stakeholder Engagement

SCSO maintain a register of all external stakeholders relevant to the operation, including community members, government and non-government authorities, Registered Aboriginal Parties (RAP) and other interest groups.

Centennial maintains a corporate Stakeholder Engagement Plan that covers methods of engagement and desired outcomes of stakeholder interactions for all its operations.

Community Engagement

SCSO is aware of its community obligations and a Western Region Community Consultation Committee (CCC) has been developed in accordance with the *Community Consultative Committees guidelines* (DPE, 2023) and schedule 5, Condition 6 of both approvals. The CCC provides a forum for open discussion between Centennial Western Region personnel, community representatives, Lithgow City Council (LCC) and other stakeholders. The CCC meet quarterly and the presentations and meeting minutes are published to Centennials website, as per Schedule 5 Condition 11 of both SSD-5579 and PA 08_0223.

SCSO will endeavor to keep the broader local community informed of its direction, plans and environmental performance through the following pathways:

- Public available data via the website - Monthly EPL Monitoring Reports, Annual Review, the Annual Rehabilitation Report and Forward Work Plan and additional information placed on Centennial's website (**Table 6**).
- A 24-hour telephone complaints line
- Consultation for the preparation of environmental assessments and project modifications

Government and Other Agencies

SCSO undertakes ongoing consultation with LCC, National Parks and Wildlife Service (NPWS), DPE Water, WaterNSW, EPA, RR, CCC, DPHI, the Department of Climate Change, Energy, the Environment and Water (DCCEEW), Natural Resource Access Regulator (NRAR) and Energy Australia (EA). This consultation is required under the Conditions of SSD-5579 and PA 08_0223 when submitting various plans for approval. Consultation is facilitated via the below:

- Lithgow City Council representation on the CCC;
- CCC presentation and meeting minutes published to the website;
- Liaison with the EPA regarding EPL conditions;
- Provision of the Annual Review to DPHI and published to website;
- Provision of the Annual Rehabilitation Report and Forward Program to RR and Relevant Regulatory Authorities;
- Provision of the Annual Return to EPA; and
- Provision of the National Pollution Inventory (NPI).

3.4.3. Complaints Handling and Dispute Resolution

A community information line is maintained for SCSO to receive calls from the local community, in accordance with Condition M5 of EPL 21229 and Condition M6 of EPL 5129. SCSO community information line (**02 6355 9500**) operates 24 hours a day, 7 days a week and is locatable on the website and on signage at key access points across the operation.

Any complaints received are logged by the SCSO control room operator on a Complaints Record Duty Card (**Appendix 4**). The complaints form includes the following details:

- Date and time of the complaint;
- The method by which the complaint was made;
- Any personal details of the complaint which were provided by the complainant or, if no such details were provided, a note to that effect;
- The nature of the complaint; and

- Actions taken by the licences in relation to the complaint, including any follow up contact with the complainant. If no action was taken by the licensee, the reasons why no action was taken.

The record of a complaint will be kept for at least four (4) years after the complaint was made and will be produced to any regulatory officer who asks to see it. A complaints register for WCS and LS is available on Centennial's website and is updated monthly in accordance with Schedule 5, Condition 11 (a). Additionally, all complaints will be recorded in the Annual Review and the EPL Annual Return.

The complaints response procedure is provided in **Figure 4**.

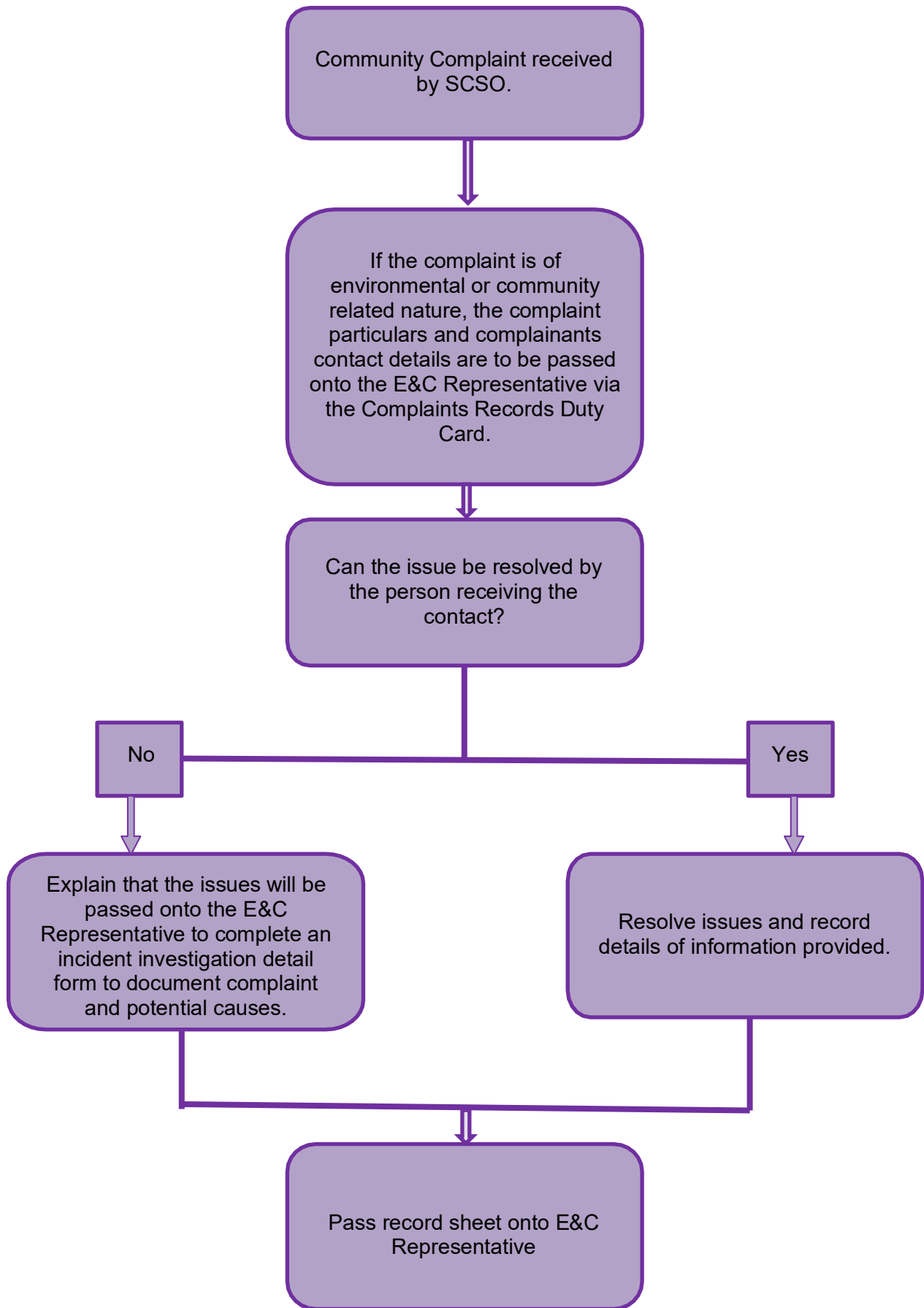


Figure 4 – Complaints Response Procedure

If a complaint escalates into a dispute, associated issues will be handled by site management. If a dispute cannot be resolved through typical processes, an independent dispute resolution process will be initiated as per the process provided in SSD-5579 Schedule 4, Condition 4 or PA 08_0223 Schedule 4, Condition 3. **Figure 5** shows the dispute resolution procedure for SCSO.

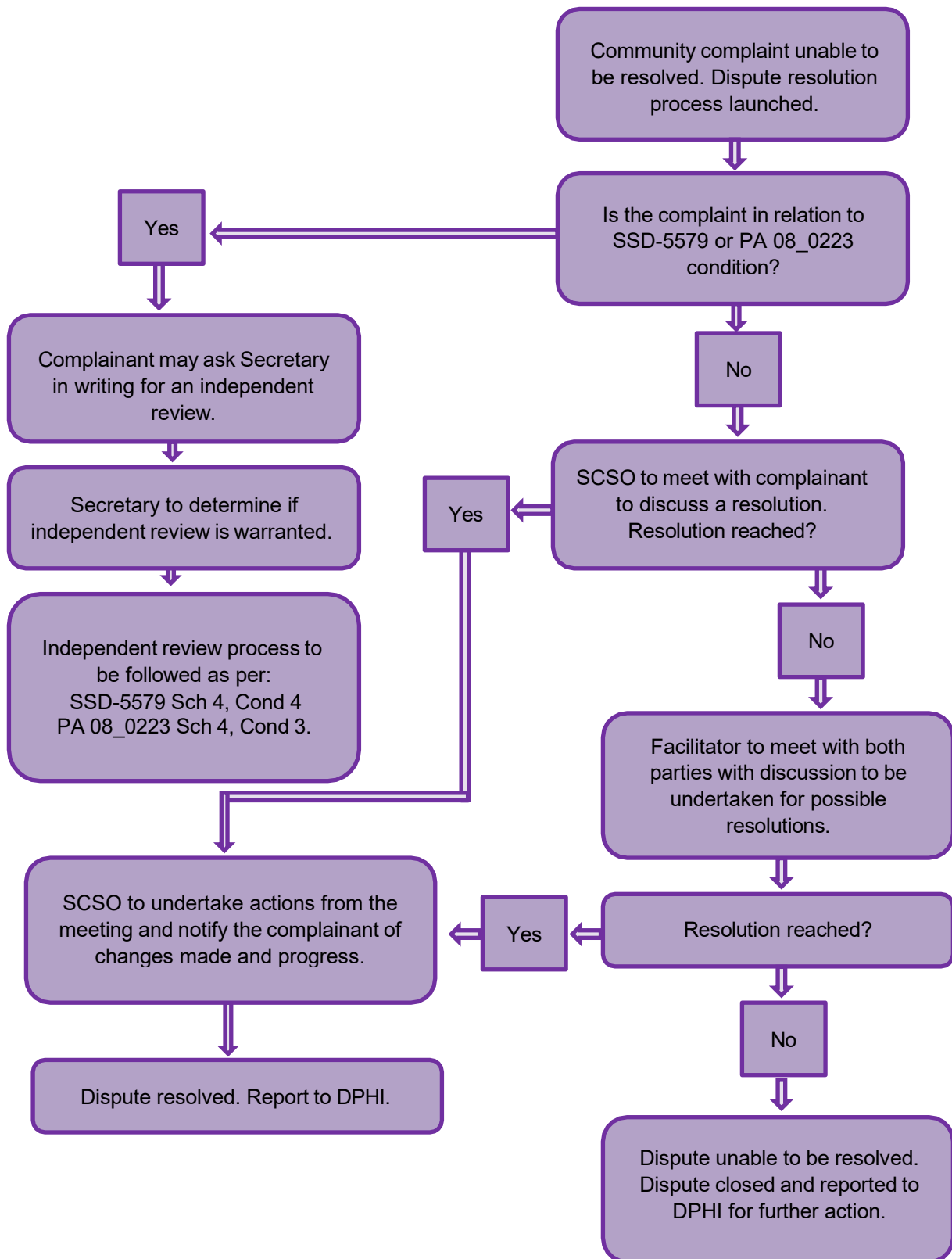


Figure 5 – Dispute Resolution Procedure

3.5. Emergency Preparedness and Response

Emergency situations with the potential to cause material harm to the environment are identified by SCSO and are subject to a risk analysis and determination of environmental significance. In accordance with Schedule 5 Condition 1 (e), all emergency and incident situations are handled in accordance with this EMS, and supporting documentation including:

- The SCSO Emergency Plan
- The SCSO PIRMP (developed in accordance with the POEO Act Section 153 and relevant conditions of EPL 21229 and EPL 5129)

3.6. Documentation and Document Control

All relevant site documentation will be retained in a controlled format at SCSO and managed, saved, revised and superseded as per Centennial standards.

3.7. Records

Environmental records will be maintained for a minimum of four (4) years, or as required by statutory requirements, including:

- Environmental monitoring data
- Environmental incident reports and investigations
- Audit reports
- Complaints, and
- Compliance reviews

3.8. Incident and Non-Compliance Reporting

This section details the protocol for managing and reporting any:

- Incidents – exceedances of the impact assessment criteria and/or performance criteria
- Non-compliances – with statutory requirements

3.8.1. Incidents

As defined by both approvals, an incident is a set of circumstances that:

- Breaches or exceeds the limits or performance measures/criteria in the consent; and/or
- Causes or threatens to cause material harm to the environment.

3.8.1.1. Exceedance of Limits, Impact Assessment Criteria and / or Performance Criteria

Notification to Regulators

An exceedance of the limits, performance measures or criteria is categorised as an incident and is to be notified as an incident to the DPHI and relevant authorities as soon as practicable after becoming aware of the exceedance.

Within 7 days of becoming aware of the incident, SCSO must provide the Secretary and Relevant Authorities with a detailed report of the incident.

Notification to Land Owners

In accordance with Schedule 4 Condition 3 of SSD-5579 and PA 08_0223, as soon as practicable after obtaining monitoring results showing an exceedance of the relevant criteria SCSO must notify the

affected landowners in writing of the exceedance and provide regular monitoring results to these landowners until the development is again complying with the relevant criteria.

Causes or Threatens to cause material harm

As defined by SSD-5579, material harm is harm that:

- Involves actual or potential harm to the health or safety of human beings or to the environment that is not trivial, and
- Results in actual or potential loss or property damage of an amount, or amounts in aggregate, exceeding \$10,000, (such loss includes the reasonable costs and expenses that would be incurred in taking all reasonable and practicable measures to prevent, mitigate or make good harm to the environment).

As defined by PA 08_0223, material harm to the environment is defined as actual or potential harm to the health of safety of human beings or to ecosystems that is not trivial.

SCSO must enact the PIRMP and immediately notify the Secretary and any other relevant agencies of any incident that has caused, or threatens to cause, material harm to the environment.

Within 7 days of becoming aware of the incident, SCSO must provide the Secretary and any relevant agencies with a detailed report on the incident.

3.8.2. Non-Compliances

A non-compliance is defined in SSD-5579 as “An occurrence, set of circumstances or development that is a breach of this consent” and includes any other non-compliances with the development consent, the EPL or Management Plans and will be reported to the DPHI and any other relevant organisation via the Annual Review and the Annual Return when applicable.

Non-compliances (that are not classed as incidents) may include the following:

- Non-compliance with any other conditions of the development consent or EPL;
- Failure to monitor at the frequency or locations specified in this EMS, Environmental Management Plans or the EPL; and
- Failure to submit documentation within the required timeframe.

4. Measurement and Evaluation

The purpose of establishing and maintaining programs and procedures for periodic audits and inspections required by the EMS is to determine the level of:

- Compliance with environmental conditions of regulatory approvals including the EPL, development consent/project approval conditions and mining leases, and
- On-site implementation and maintenance of the components of the EMS

4.1. System Monitoring and Maintenance

The requirements of this EMS are met via:

- Monitoring the progress of environment and community programs
- Undertaking site environmental inspections
- Tracking the completion of corrective actions
- Recording response to incidents and community complaints, and
- Maintaining an environmental monitoring program in accordance with **Section 4.2.**

4.2. Environmental Monitoring

4.2.1. Environmental Inspections and Impact Verification

A program of environmental inspections are conducted at SCSO by both on-site personnel and external consultants. The purpose of these inspections are to verify the procedures listed in SCSO environmental management plans are being implemented in order to maintain compliance with relevant approvals and licence requirements. Inspections include:

- Inspections of the coal handling areas, general housekeeping and water, dust and noise management;
- Following heavy rainfall events (>20mm in 24 hours/ or as soon as practicable), inspection of site's water management and sediment control structures, and
- Monthly environmental inspections at WCS and LS undertaken by SCSO E&C Representative (or delegate).

Corrective and preventative actions identified through environmental inspections are managed as discussed in **Section 3.8**.

4.2.2. Environmental Monitoring

SCSO is required to conduct environmental monitoring in accordance with the requirements of the development consent, project approval, EPLs and relevant licences. Additional monitoring requirements include:

- Ensuring monitoring is conducted in accordance with applicable Australian Standards, and government and Centennial guidelines;
- Environmental monitoring equipment is calibrated in accordance with a calibration schedule and standards;
- Ensure environmental monitoring is undertaken by properly trained personnel;
- Review, at least monthly, compliance with relevant environmental approval requirements;
- Required monitoring data is published on the Centennial website; and
- Monitor the environmental performance status of SCSO.

The specific environmental management plans for SCSO outlining monitoring frequency and requirements are detailed in the individual management plans, listed in **Section 1.5. Appendix 1** includes figures that outline the environmental monitoring locations at SCSO.

4.3. Audits

External environmental audits of the implementation of and compliance with the EMS will be conducted in accordance with Schedule 5, Condition 9 of SSD-5579 and PA 08_0223.

4.4. Continual Improvement

Continual improvement of SCSO environmental performance shall be achieved through:

- Environmental monitoring and review of data;
- Risk reviews;
- Environmental inspections and compliance audits;
- Internal and external communication with stakeholders; and
- Implementation of corrective and preventative actions.

4.5. Management Review

Regular reviews of the EMS are conducted to ensure the EMS remains relevant to the objectives of the Centennial's Environment and Community Policy, management frameworks and regulatory obligations.

In accordance with Schedule 5 Condition 5 of SSD 5579 and PA 08_0223, a Review of the EMS and its associated management plans will be undertaken within three months of:

- The submission of an annual review
- The submission of an incident report
- The submission of an audit report
- Any modification to the conditions of the approval

The purpose of this review is to ensure that strategies, plans and program are regularly updated to incorporate any measures recommended to improve the environmental performance of the development.

The outcomes of the review will be documented and incorporated into the EMS and management plans as required. The revision status of a management plan is contained in the controlled document within Lotus Notes. Revised documents will be approved by the Manager SCSO before being submitted to DPHI for Secretary approval within four weeks of being updated. Approved documents are to be published on Centennial's website in accordance with SSD 5579 and PA 08_0223 Schedule 5 Condition 11.

5. Definitions

Community complaint	<p>A complaint is an act of expressing resentment, displeasure or grievance where the complainant believes they are directly affected by an activity.</p> <p>All complaints regarding an activity are investigated for compliance against a condition of consent, Environmental Protection Licence or other approval.</p> <p>A complaint is recorded if an issue is referred to the site by the NSW EPA, Council, or other Government Department.</p>
Continual improvement	<p>Process of enhancing the EMS to achieve improvements in overall environmental performance that are consistent with the Environment and Community Policy.</p>
Environment	<p>Surroundings in which Centennial operates, including air, water, noise, land, flora, fauna, natural resources, humans and their interaction.</p>
Environmental consequences	<p>The outcome of environmental impacts, which may include (amongst other things) loss of surface flows to the subsurface, loss of standing pools, adverse water quality impacts, cliff falls, rock falls, damage to Aboriginal heritage sites, loss of vegetation, noise emissions, poor air quality, visual nuisance, impacts on aquatic ecology, ponding.</p>
Environmental hazard	<p>Element of Centennial's activities, products or services that can interact with the environment or community causing adverse impacts.</p>
Environmental impact	<p>Any change to the environment or community, whether adverse or beneficial, resulting from Centennial's activities, products or services.</p>
Environmental incident	<p>Where an activity, product or service of Centennial has caused or threatens to potentially cause an environmental impact.</p>
Non-compliance	<p>A deficiency in characteristic, documentation or process implementation which renders the product of the activity unacceptable e.g. the breach of a license or condition.</p>
Prevention of pollution	<p>Use of process, practices, materials or products that avoid, reduce or control pollution, which may include recycling, treatment, process changes, control mechanisms, efficient use of resources and materials substitution.</p>

Appendix 1 – Consultation Evidence and Outcomes

Request	CEY Comments
DPHI RFI – 26/01/2026	
<p>Reflect the proposed decoupling of the regional management plans, including the Noise Management Plans for WCS and Lidsdale Siding (section 1.5, including Figure 2)</p>	<ul style="list-style-type: none"> • Section 1.5 updated to reflect the decoupling strategy proposed to and supported by DPHI in April 2025. • Figure 2 updated following the approved project specific Noise Management Plans for WCS and LS
<p>Confirm the roles and responsibilities for personnel at each site, noting that the EMS does not refer to a 'Site Environmental Representative' who is described as the person responsible for management of community impacts, incidents and compliance in the most recent Noise Management Plan for WCS and LS Sites (section 3, including Figure 3 and Table 4)</p>	<ul style="list-style-type: none"> • Environment and Community (E&C) Officer reference updated to E&C Representative throughout the document. • Section 3.1, Figure 3 and Table 4 references updated as required.

Department of Planning, Housing and Infrastructure

Reference: SSD-5579-PA-60

Veronica Howat
Assurance Specialist
Springvale Coal Pty Ltd
Via: NSW Planning Portal

26/01/2026

Request for Additional Information for Environmental Management Strategy – Western Coal Services

Dear Ms Howat,

I refer to your submission requesting approval of the Environmental Management Strategy (EMS) (Revision 1 dated 25 July 2025) prepared in accordance with Schedule 5, condition 1 of the development consent for the Western Coal Services (WCS) Project (SSD-5579). It is noted that the EMS has been updated following submission of the 2024 Annual Review.

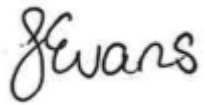
The EMS is generally considered adequate, however after careful consideration the Department is requesting that you update the document to:

- reflect the proposed decoupling of the regional management plans, including the Noise Management Plans for the WCS and Lidsdale Siding (LS) Upgrade Projects (SSD_5579 and MP08_0223, respectively) (Section 1.5, including Figure 2); and
- confirm the roles and responsibilities for personnel at each site, noting that the EMS does not refer to a “Site Environmental Representative” who is described as the person responsible for management of community impacts, incidents and compliance in the most recent Noise Management Plans for the WCS and LS sites (Section 3.1, including Figure 3 and Table 4).

You are requested to provide the updated EMS document, or notification that the updated document will not be provided, to the department by 20 February 2026. If you are unable to provide the updated document within this timeframe, you are required to provide, and commit to, a timeframe detailing the provision of this information.

If you wish to discuss the matter further, please contact Gabriel Wardenburg on (02) 9585 6810.

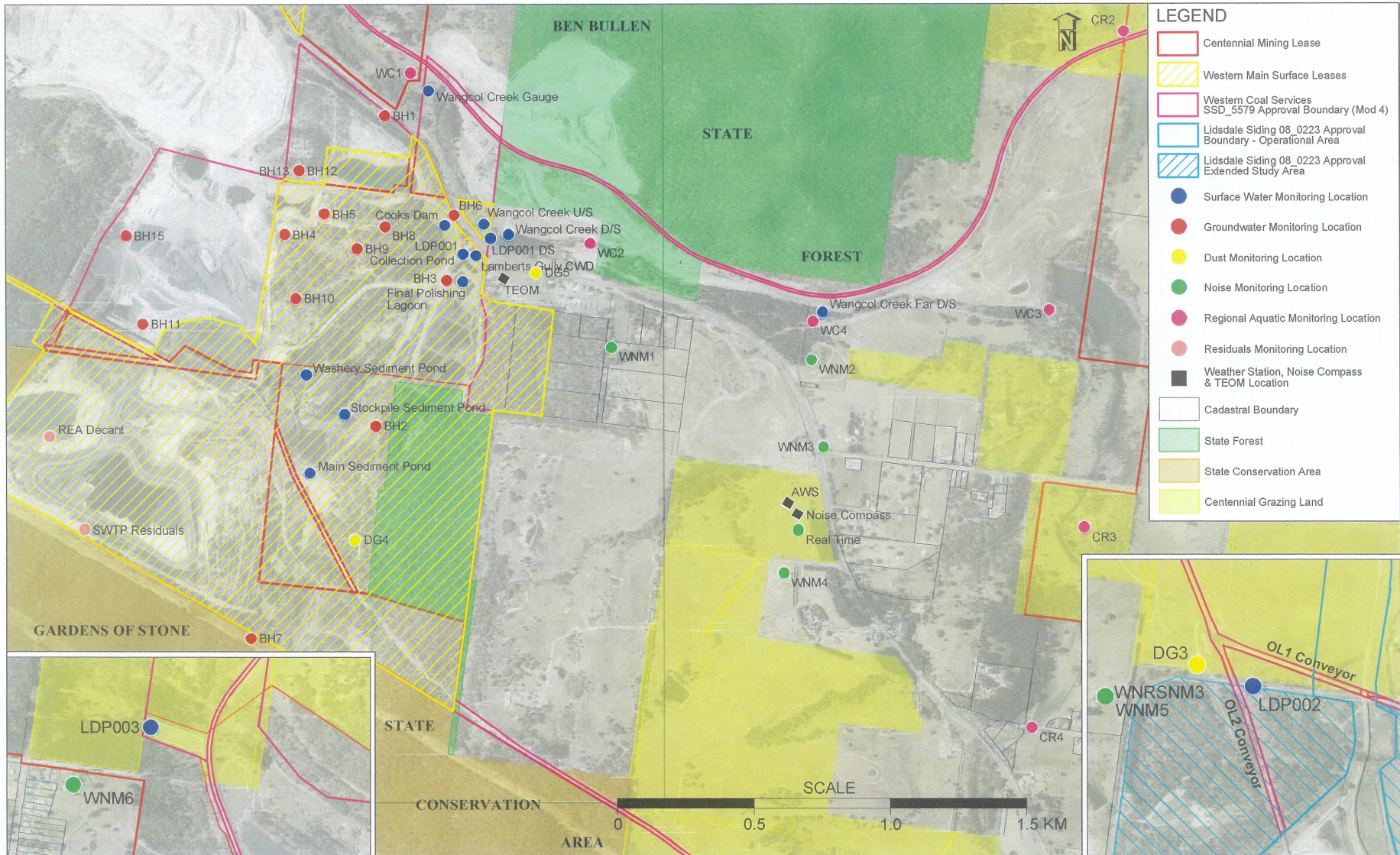
Yours sincerely

A handwritten signature in black ink that reads "Jessie Evans".

Jessie Evans
Director, Resource Assessments
Resource Assessments

As nominee of the Planning Secretary

Appendix 2 – SCSO Environmental Monitoring Locations



LEGEND	
	Centennial Mining Lease
	Western Main Surface Leases
	Western Coal Services SSD_5579 Approval Boundary (Mod 4)
	Lidsdale Siding 08_0223 Approval Boundary - Operational Area
	Lidsdale Siding 08_0223 Approval Extended Study Area
	Surface Water Monitoring Location
	Groundwater Monitoring Location
	Dust Monitoring Location
	Noise Monitoring Location
	Regional Aquatic Monitoring Location
	Residuals Monitoring Location
	Weather Station, Noise Compass & TEOM Location
	Cadastral Boundary
	State Forest
	State Conservation Area
	Centennial Grazing Land



Operation: Western Coal Services
 Operator: Springvale Coal Pty Limited
 Project Approval: SSD_5579 (MOD 4)
 Proponent: Springvale Coal Pty Limited
 Mining Leases:
 CCL733, ML1319, ML1352, ML1448,
 ML1866 & Part MPL314

Leaseholders: Centennial Springvale Pty Limited and Boulder Mining Pty Ltd
 RMP Start Date: 1-August-2022
 RMP End Date: N/A Perpetual
 Annual Review Start Date: 1-January-2024
 Annual Review End Date: 31-December-2024

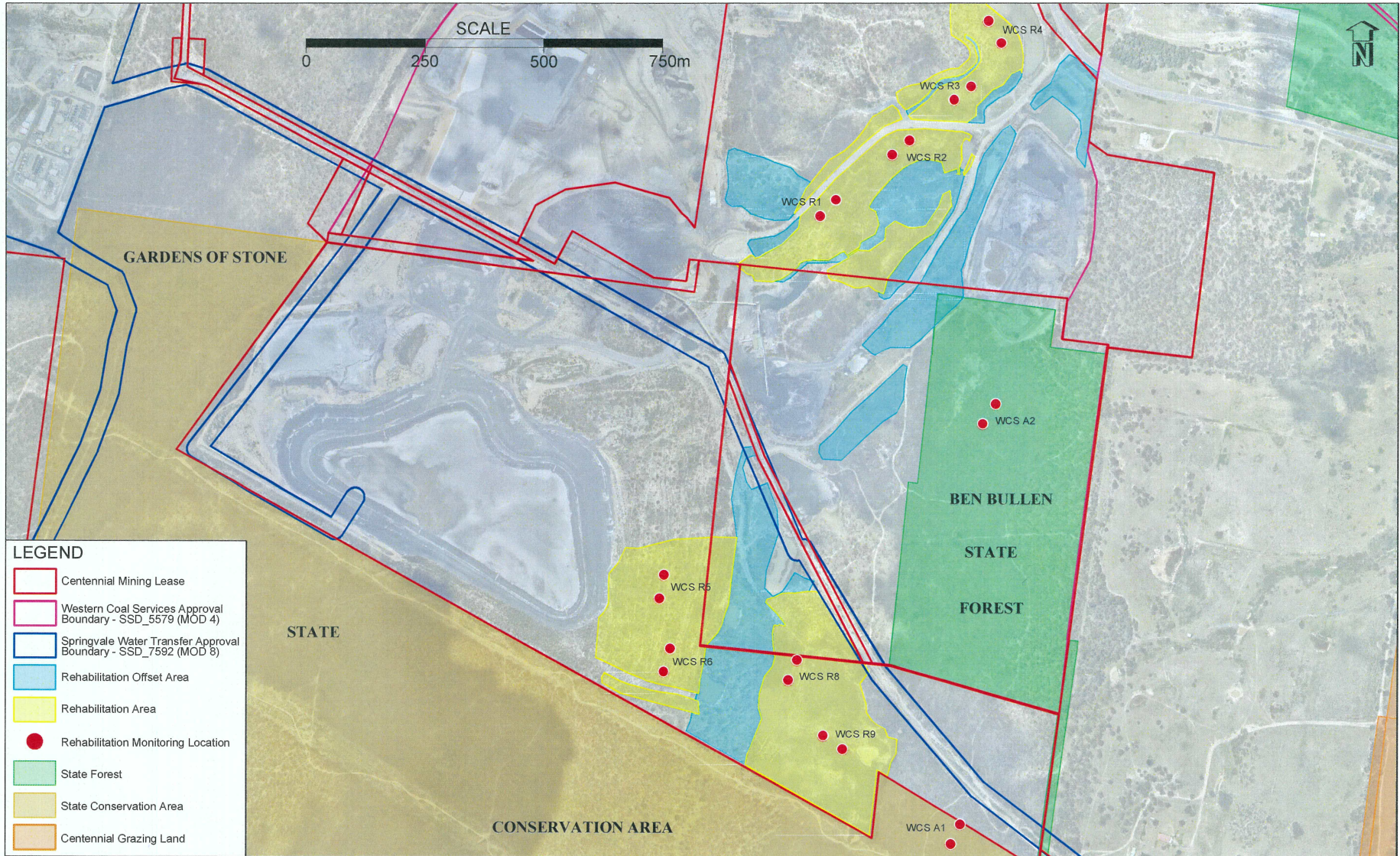
Mining Leases:
 CCL733 Expiry 3 July 2027
 ML1319 Expiry 5 July 2035
 ML1352 Expiry 23 June 2036
 (AMA1016, AMA1017 & AMA1018)
 ML1448 Expiry 31 May 2043
 ML1866 Expiry 15 November 2044
 MPL314 Expiry 3 August 2035

CERTIFICATION
 I hereby certify that the information shown hereon, to the best of my knowledge and belief, is correctly represented.
 Signed:
 Date: 11-February-2025
 Geoff Rapson
 Manager
 Coal Services & REA Controller

**WESTERN COAL SERVICES
 ANNUAL REVIEW 2024
 MINING & REHABILITATION**
Plan 3A - Environmental Monitoring

MINE	WCS
SEAM	N/A
DRAWN	P.J.M.
SCALE	Refer to Scale Bar
DATE	11-February-2025
SHEET	A2H

PLAN No. PC8021



LEGEND

- Centennial Mining Lease
- Western Coal Services Approval Boundary - SSD_5579 (MOD 4)
- Springvale Water Transfer Approval Boundary - SSD_7592 (MOD 8)
- Rehabilitation Offset Area
- Rehabilitation Area
- Rehabilitation Monitoring Location
- State Forest
- State Conservation Area
- Centennial Grazing Land

Operation: Western Coal Services	Leaseholders: Centennial Springvale Pty Limited and Boulder Mining Pty Ltd
Operator: Springvale Coal Pty Limited	
Project Approval: SSD_5579 (MOD 4)	RMP Start Date: 1-August-2022
Proponent: Springvale Coal Pty Limited	RMP End Date: N/A Perpetual
Mining Leases: CCL733, ML1319, ML1352, ML1448, ML1866 & Part MPL314	Annual Review Start Date: 1-January-2024 Annual Review End Date: 31-December-2024

Mining Leases:
 CCL733 Expiry 3 July 2027
 ML1319 Expiry 5 July 2035
 ML1352 Expiry 23 June 2036
 (AMA1016, AMA1017 & AMA1018)
 ML1448 Expiry 31 May 2043
 ML1866 Expiry 15 November 2044
 MPL314 Expiry 3 August 2035

CERTIFICATION
 I hereby certify that the information shown herein, to the best of my knowledge and belief, is correctly represented.

Signed:
 Date: 11-February-2025
 Geoff Rapson
 Manager
 Coal Services & REA Controller

**WESTERN COAL SERVICES
 ANNUAL REVIEW 2024
 MINING & REHABILITATION**

Plan 3B - Rehabilitation Monitoring

MINE	WCS
SEAM	N/A
DRAWN	P.J.M.
SCALE	Refer to Scale Bar
DATE	11-February-2025
SHEET	A2H

**CENTENNIAL
 SPRINGVALE**

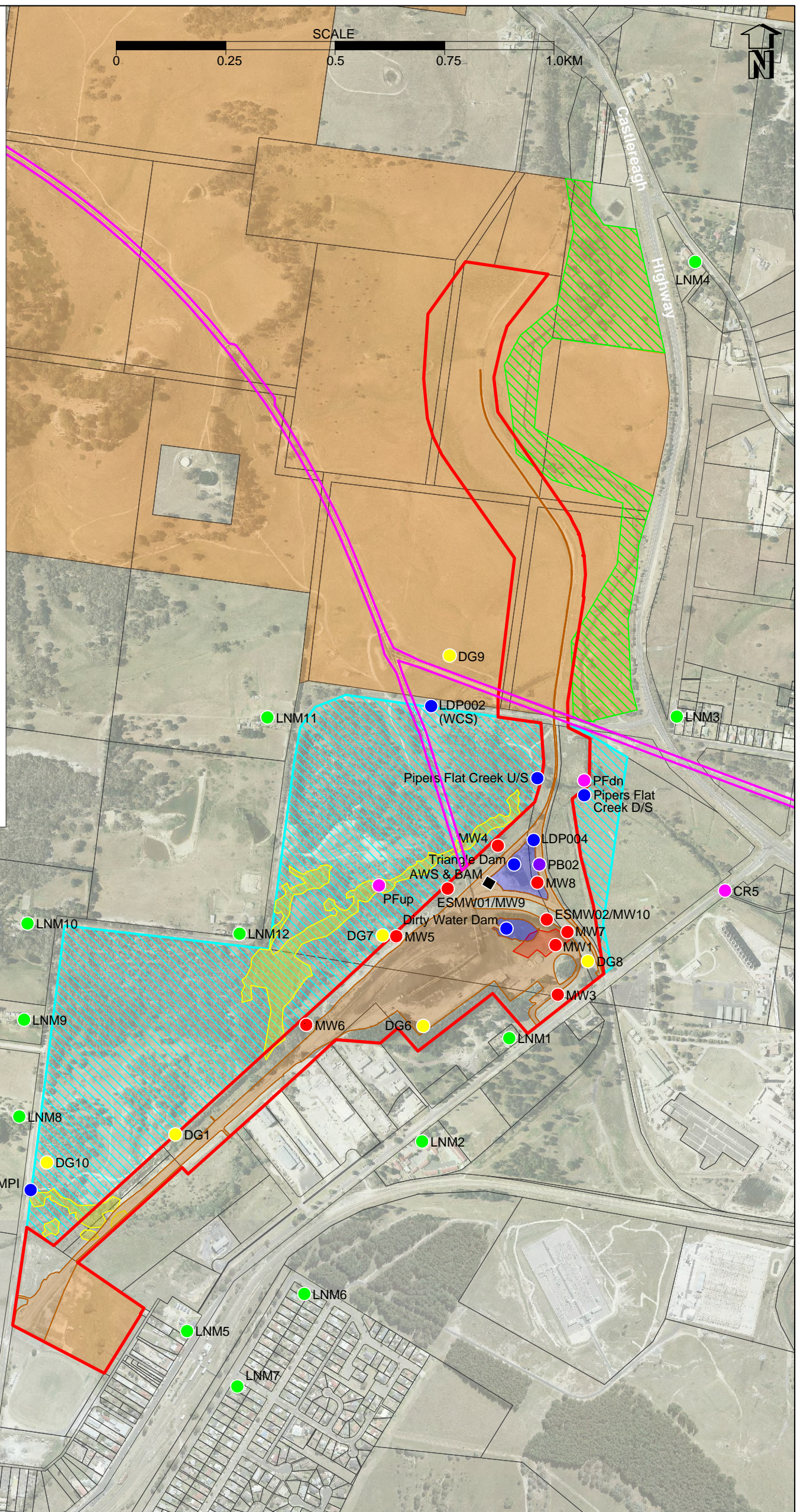
PLAN No. **PC8022**

LEGEND

- Lidsdale Siding 08_0223 Approval Boundary - Operational Area
- Lidsdale Siding 08_0223 Approval Extended EIS Study Area
- Western Coal Services SSD_5579 Approval Boundary
- Surface Water Monitoring Location
- Groundwater Monitoring Location
- Noise Monitoring Location
- Production Bore Location
- Dust Monitoring Location
- Regional Aquatic Monitoring Location
- Weather Station & BAM Unit Location
- Domain - Infrastructure
- Domain - Hydrocarbon Study Area
- Domain - Water Management Area
- Domain - Willow Control Area
- Domain - Centennial Grazing Land
- Domain - Cox's River Conservation Area
- Cadastral Boundary

NOTES

1. Please refer to Plan 3A for a detail of the Lidsdale Siding monitoring locations.



Operation: Lidsdale Siding
Operator: Ivanhoe Coal Pty Limited
Project Approval: 08_0223 (MOD 4)
Proponent: Ivanhoe Coal Pty Limited
Mining Leases: N/A
Leaseholder: N/A
RCP Start Date: 2015
RCP End Date: Reviewed Annually
Annual Review Start Date: 1-January-2024
Annual Review End Date: 31-December-2024
Reporting Officer: Geoff Rapson
Title: Manager Coal Services & REA Controller

CERTIFICATION
 I hereby certify that the information shown hereon, to the best of my knowledge and belief, is correctly represented.

Signed:
 Date: 5-February-2025


Geoff Rapson
 Manager
 Coal Services & REA Controller

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MINE	Lidsdale Siding
SEAM	N/A
DRAWN	P.J.M.
SCALE	Refer to Scale Bar
DATE	5-February-2025
VERSION	A2H

**LIDSDALE SIDING
 ANNUAL REVIEW 2024
 MONITORING LOCATIONS**

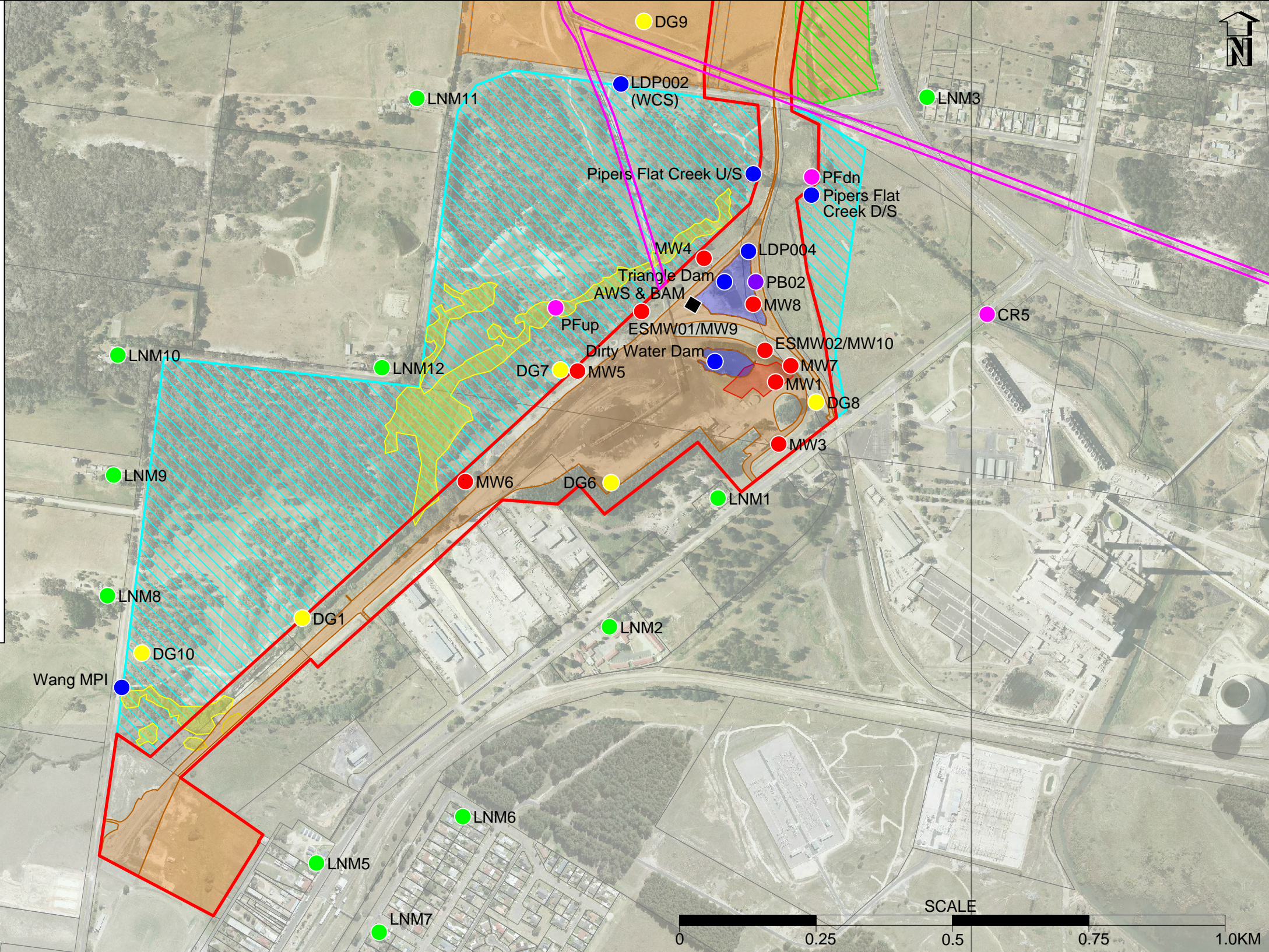
Plan No.3



PLAN No.	PC8037
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LEGEND

- Lidsdale Siding 08_0223 Approval Boundary - Operational Area
- Lidsdale Siding 08_0223 Approval Extended EIS Study Area
- Western Coal Services SSD_5579 Approval Boundary
- Surface Water Monitoring Location
- Groundwater Monitoring Location
- Noise Monitoring Location
- Production Bore Location
- Dust Monitoring Location
- Regional Aquatic Monitoring Location
- Weather Station & BAM Unit Location
- Domain - Infrastructure
- Domain - Hydrocarbon Study Area
- Domain - Water Management Area
- Domain - Willow Control Area
- Domain - Centennial Grazing Land
- Domain - Cox's River Conservation Area
- Cadastral Boundary



Operation: Lidsdale Siding	RCP Start Date: 2015
Operator: Ivanhoe Coal Pty Limited	RCP End Date: Reviewed Annually
Project Approval: 08_0223 (MOD 4)	Annual Review Start Date: 1-January-2024
Proponent: Ivanhoe Coal Pty Limited	Annual Review End Date: 31-December-2024
Mining Leases: N/A	Reporting Officer: Geoff Rapson
Leaseholder: N/A	Title: Manager Coal Services & REA Controller

CERTIFICATION
 I hereby certify that the information shown hereon, to the best of my knowledge and belief, is correctly represented.

Signed: Geoff Rapson
 Date: 5 February 2025
 Geoff Rapson
 Manager
 Coal Services & REA Controller

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**LIDSDALE SIDING
 ANNUAL REVIEW 2024
 MONITORING LOCATIONS - DETAIL**

Plan No.3A

MINE	Lidsdale Siding	
SEAM	N/A	
DRAWN	P.J.M.	
SCALE	Refer to Scale Bar	
DATE	5-February-2025	
SHEET	A2H	PLAN No. PC8038

Appendix 3 – Centennial’s Environment and Community Policy



CENTENNIAL

Environment and Community Policy

Version 2

July 2024

Document owner: Managing Director & CEO



Objective

To conduct our business in an efficient and environmentally responsible manner; compatible with the expectations of our shareholder (Banpu), government, employees and community stakeholders.

Beliefs

- We all have a responsibility for minimising impact to the environment.
- We will always strive to meet environmental performance standards and to continually improve our environmental performance.
- Respecting our stakeholders and responding to stakeholder concerns is essential to business success.
- We will operate in compliance with all applicable statutory and regulatory requirements.

Strategy

The objective of this policy will be achieved by:

- Implementation of appropriate risk management strategies to manage environmental responsibilities.
- Developing and maintaining relationships with all stakeholders through meaningful consultation and engagement.
- Greater integration of environmental and sustainability management into our business.
- Efficient use of natural resources.
- Continually improving our environmental and community management systems.

VERSION	DATE	REVIEW DATE	APPROVED
2	Nov 2024	Nov 2026	Managing Director & CEO

Appendix 4 – Compliant Form

DUTY CARD 6

COMPLAINT RECORD FORM

Respect the complainant – they are potentially impacted members of the community – the company’s reputation and social licence is at stake

DATE OF COMPLAINT:

TIME of Complaint:

Exact time they were impacted:

SUBJECT OF COMPLAINT: - Get the specifics of the situation

What were their exact words?:

Ask what type of impact (noise / air / water etc):

Ask what the impact is the complainant is experiencing (is it loud / have we dusted their house or car / is there continual noise – what type – what can they hear or see / is it a pollution impact etc):

Remediation: Were you able to resolve the issue? (Did you swap out a conveyor roller? If so, exactly where was it, and why did it need be replaced?):

NAME OF COMPLAINANT:

ADDRESS:

Complainant PHONE NUMBER:

RECORDED BY CONTROL ROOM OPERATOR:

Name

Signature and Date

ID: SCSO-F-0045	Version: 5	Year reviewed: November 2022	Print Date: 12/06/25	Page: 1 of 1
Document is uncontrolled unless viewed on the intranet				