

ARR0001484

TAHMOOR COLLIERY ANNUAL REHABILITATION REPORT

Monday 1 January 2024 to Tuesday 31 December 2024

Summary table

DETAIL	
Mine	Tahmoor Colliery
Reference	ARR0001484
Annual report period commencement date	Monday 1 January 2024
Annual report period end date	Tuesday 31 December 2024
Forward program	FWP0001383
Mining leases	ML 1539 (1992), CCL 747 (1973), ML 1308 (1992), ML 1642 (1992), ML 1376 (1992), CCL 716 (1973)
Lease holder(s)	Bargo Collieries Pty Ltd, Tahmoor Coal Pty Ltd
Contact	Zina Ainsworth
Date of submission	Friday 28 March 2025

Important

The department may make the information in your report and any supporting information available for inspection by members of the public, including by publication on its website or by displaying the information at any of its offices. If you consider any part of your report to be confidential, please communicate this to the department via the message function on this submission within the NSW Resources Regulator Portal.

Mine details

Project description

Tahmoor Coal Pty Ltd (Tahmoor Coal) owns and operates Tahmoor Mine, an underground coal mine extracting coking coal which is an ingredient in the production of steel manufacturing. An Environmental Impact Statement (EIS) was exhibited in early 2019 seeking approval for the extraction of up to 48 million tonnes (Mt) of ROM coal over a 13-year mine life. Tahmoor Coal subsequently revised the proposed mine design and submitted amended development applications on two occasions (in February and August 2020). In April 2021, Tahmoor Coal received Development Consent SSD 8445 (the Consent) for the Tahmoor South Project, which involves use of the existing surface infrastructure and the extension of underground longwall mining to the south of existing workings. The Project has consent to extract up to 4 Mtpa of ROM coal, with a total of up to 33 Mt of ROM coal extracted over a 10-year period until 31 December 2033.

Life of mine

8 years

Current development consents, leases and licences

Development consents granted under the *Environmental Planning and Assessment Act 1979*

SSD8445
DA1975

Authorisations covering the mining area granted under the *Mining Act 1992*

ML 1539 (1992), CCL 747 (1973), ML 1308 (1992), ML 1642 (1992), ML 1376 (1992), CCL 716 (1973)

Any other approvals, licences, or authorities issued by government agencies that are relevant to the progress of mining operation and rehabilitation activities

EPBC Approval 21017/8084
Water Access License 43631, 43655, 43656, 43657, 43658, 43659
XSTR200005 License to store explosives
Environment Protection License 1389
Water Access License 36442
Water Access License 45204
Water Access License 25777

Water Access License (Leased) SWC858143

Summary of the scope and/or purpose of the new applications or modifications to existing approvals (if applicable)

No changes

Changes to land ownership and land use

No changes to land ownership has occurred during the reporting period.

Surface disturbance and rehabilitation activities during the reporting period

Surface disturbance and rehabilitation activities that were conducted and an analysis of the progress against the rehabilitation schedule

No surface disturbance was undertaken during 2024. An older rehabilitation section of the REA (Stage 5), was selected to receive additional interplantings of tube stock to increase canopy and grass species. Other groundcovers and shrub species were selected for increased diversity. Each planting was spaced through-out the Stage, with each hole receiving water crystal gels to help with establishment and survival rates. No other rehabilitation works for the REA were completed during 2024, this is in accordance with the proposed works submitted for 2024 in the 2024 Forward program. Creek rehabilitation works were conducted at Myrtle Creek and Redbank Creek during the reporting period. Myrtle Creek: Pool 14 additional work was completed in January 2024. Redbank Creek: Pool RR16 remediation works were completed in November 2024. All remediation works at Myrtle Creek and Redbank Creek has been completed as per Myrtle Creek and Redbank Creek Corrective Management Action Plan. Monitoring is ongoing at Myrtle Creek and Redbank Creek for a period of at least 2 years. For further information on Tahmoor Coal's Creek remediation works please refer to creek remediation progress reports or refer to link to our website.

Rehabilitation planning activities that were conducted, including any specialist studies

No studies undertaken during the reporting period.

Overview of subsidence repair and/or remediation works undertaken

Creek rehabilitation works were conducted at Myrtle Creek and Redbank Creek during the reporting period. Myrtle Creek: Pool 14 additional work was completed in January 2024. Redbank Creek: Pool RR16 remediation works were completed in November 2024. All remediation works at Myrtle Creek and Redbank Creek has been completed as per Myrtle Creek and Redbank Creek Corrective Management Action Plan. Monitoring is ongoing at Myrtle Creek and Redbank Creek for a period of at least 2 years. For further information on Tahmoor Coal's Creek remediation works please refer to creek remediation progress reports or refer to link to our website. General subsidence repairs were undertaken on properties/infrastructure during the reporting period as required.

Overview of rehabilitation management and maintenance activities

Continued weed maintenance spraying continues on a monthly basis at the REA (including rehabilitation areas) and appears to be effective in managing weed suppression across site. A

monthly Environmental Inspection is conducted to identify weed issues and implement additional focus areas for weed management practices as needed.

Details of any rehabilitation actions taken as required by any letters, notices or directions issued by government agencies, including the NSW Resources Regulator

During 2024, Resources Regulator attended Tahmoor Coal site as part of the Targeted Assessment Plan (TAP) and inspected the rehabilitated sections of the REA. A report has recently been received during 2025 and actions are currently being worked through. Outcomes will be reported in the 2025 Annual report.

Details of any rehabilitation areas that have achieved the final land use

No new rehabilitation areas have achieved the final land use during the reporting period.

Key production milestones

MATERIAL	UNIT	FWP0001383 YEAR 1	THIS REPORT
Stripped topsoil (if applicable)	(m ³)	0	0
Rock/overburden	(m ³)	0	0
Ore	(Mt)	2,815,931	2,998,583
Reject material ¹	(Mt)	1,325,723	1,514,535
Product	(Mt)	1,729,229	1,712,605

¹ This includes coarse rejects, tailings and any other wastes resulting from beneficiation.

Disturbance and rehabilitation statistics

Current disturbance and rehabilitation progression

ELEMENT		UNIT	THIS REPORT
A1	Total disturbance footprint – surface disturbance	(ha)	151.13
B	Total active disturbance	(ha)	151.13
C	Rehabilitation – land preparation	(ha)	0
D	Ecosystem and land use establishment	(ha)	0
E	Ecosystem and land use development	(ha)	0
F	Rehabilitation completion	(ha)	0

Rehabilitation key performance indicators (KPIs)

ELEMENT		UNIT	THIS REPORT
G	New disturbance area	(ha)	0
H	New rehabilitation commenced during annual reporting period	(ha)	0
I	Established rehabilitation	(ha)	0
J	Annual rehabilitation to disturbance ratio	%	
K	Rehabilitated land to total mine footprint	%	0

Progressive achievement of established rehabilitation

ELEMENT		UNIT	THIS REPORT
L	Established rehabilitation for agricultural final land uses	%	0
M	Established rehabilitation for native ecosystem final land uses	%	0
N	Established rehabilitation for other/non-vegetated final land uses	%	0

Variation to the rehabilitation schedule

Identify the components of the most recent forward program that were not achieved

No variations to note for the reporting period.

Key factors that delayed progressive rehabilitation

No delays have occurred during the reporting period.

Outline actions that will be included in the forward program and carried out to minimise disturbance and undertake progressive rehabilitation as far as reasonably practical

Rehabilitation over the next three years will be limited to the REA. Creek rehabilitation works have been completed at Myrtle and Redbank Creek as per approved schedule (Myrtle Creek and Redbank Creek Corrective Management Action Plan). All remediated pools are currently in a monitoring phase for at least 24 months post rehabilitation, including surface water, groundwater, and aquatic ecology monitoring to assess the effectiveness of the remediation strategy. The rehabilitation monitoring program as outlined in Section 8 of the Rehabilitation Management Plan (RMP) will be used to identify any maintenance actions required and whether further works are required to achieve specific closure criteria. The rehabilitation care and maintenance program will be undertaken following the completion of rehabilitation activities at the site and will be utilised to facilitate the sites rehabilitation progression towards achieving the closure criteria. Rehabilitation works for the REA will be undertaken in accordance with the Rehabilitation Management Plan and Rehabilitation Strategy as soon as reasonably possible to limit exposed areas.

Rehabilitation monitoring and research findings

Rehabilitation monitoring

The rehabilitation monitoring carried out in the annual reporting period

Erosion control structures remain in good condition and no major erosion was recorded along the slopes of the REA. Monitoring of grass trials was undertaken, the grass trials have previously shown that with adequate fencing, herbivory is somewhat controlled and have shown good growth rates of grasses. The reference plots and permanent monitoring plots which were burnt by fire in 2019, continue to show good signs of recovery with epicormic growth evident of canopy species, high levels of seedlings and saplings of canopy species noted, and a high level of species cover and diversity of grasses and forbs. There is also evident of nutrient recycling with termite mounds, ants and scats noted in those burnt plots. Litter cover had significantly improved in these plots with grass, leaf litter and twigs recorded in all plots.

Status of performance against rehabilitation objectives and rehabilitation completion criteria

The monitoring program that has been implemented

An annual Rehabilitation Walkover assessment is undertaken to assess and monitor grass plots, permanent monitoring plots and aspects of closure criteria such as weed presence, erosion formation, litter coverage, species diversity and health, regeneration, nutrient cycling etc. Please see above for Annual Rehabilitation Monitoring progress. Current active emplacement areas are surveyed each month to track the progressing landform against the Final landform design.

Are all rehabilitation areas in Landform Establishment phase or higher represented in the monitoring program to assess performance against the rehabilitation objectives and approved or, if not yet approved rehabilitation completion criteria and final landform and rehabilitation plan?

Yes

Year rehabilitation areas will be included as part of the monitoring program

An appraisal of whether rehabilitation is moving towards achieving the proposed rehabilitation objectives, approved or, if not yet approved, rehabilitation completion criteria and final landform and rehabilitation plan as soon as reasonably practicable.

All rehabilitation stages of the REA are progressing towards self-sustaining ecosystem, with all requiring continued development to reach completion criteria requirements. Continued annual monitoring will be undertaken with any outcomes required completed during the next calendar year. Weed management continues on a monthly basis to maintain closure criteria thresholds, while monthly monitoring identifies any areas of weed prevalence for further control. Continued management of patches with limited vegetation are still required to satisfy this requirement for many of the stages. See ‘Rehabilitation Monitoring Program Findings’ section for further information and a breakdown of requirements for each stage.

Appraisal description

Rehabilitation is moving towards achieving the final land use as soon as reasonably practicable.

Rehabilitation monitoring program findings

An annual Rehabilitation Walkover assessment is undertaken to assess and monitor grass plots, permanent monitoring plots and aspects of closure criteria such as weed presence, erosion formation, litter coverage, species diversity and health, regeneration, nutrient cycling etc. Current active emplacement areas are surveyed each month to track the progressing landform against the Final landform design. Creek rehabilitation works have been completed at Myrtle and Redbank Creek as per approved schedule (Myrtle Creek and Redbank Creek Corrective Management Action Plan), All remediated pools are currently in a monitoring phase for at least 24 months post rehabilitation, including surface water, groundwater, and aquatic ecology monitoring to assess the effectiveness of the remediation strategy.

Performance issues and their causes including identification of any knowledge gaps that must be addressed

Nil

Outcomes of rehabilitation research and trials

RRT NUMBER	PROJECT/TRIAL NAME	OBJECTIVE OF TRIAL/PROJECT	METHODOLOGY	EXPECTED DATE OF COMPLETION	STATUS	ON TRACK?
RRT000105 1	Creek Remediation	The remediation works have been carried at impacted sites in Myrtle Creek and Redbank Creek with the aim to restore post-mining hydrological, ecological and aesthetic characteristics.	Involves the construction of a grout curtain wall at a depth where the fracture network has been detected. Boreholes are drilled across the creek bed, polyurethane grout (PUR) is then injected into the boreholes to create an impermeable layer providing a barrier for subsurface stream flow, with the objective to reduce subsurface flow pathways promoting surface flow and pool holding capacity.	31 Dec 2024	Complete	Yes
RRT000105 2	Grass Trials	The findings will be used to develop and refine seed mixes and completion criteria as an ongoing process.	Grass planting trials where the survival and growth of planted grass species in areas where the existing vegetation (within revegetation areas) was sparse will continue to be assessed as part of the annual rehabilitation monitoring program.	31 Dec 2033	Ongoing	Yes

Outcomes of completed trials and research

Monitoring of grass trials was undertaken, the grass trials have previously shown that with adequate fencing, herbivory is somewhat controlled and have shown good growth rates of grasses. In 2024 grass trial monitoring was undertaken. Most of the fencing around the trials has been damaged, likely by macropods. Regardless, native grass diversity and cover were recorded as well as midstorey shrubs and regenerating canopy species such as *Allocasuarina littoralis* and eucalypt species. This was particularly evident within Stages 1, 2 and 3 which are likely to be naturally recruiting from the maturing plantings across those Stages. Improvements for Creek remediation works include a pre-investigation into each rockbars' fracture network which has improved targeted PUR injection techniques.

Attachment 1 – Reporting Definitions

REPORTING CATEGORY		DEFINITION
A1	Total disturbance footprint – surface disturbance	All areas within a mining lease that either have at some point in time or continue to pose a rehabilitation liability due to surface disturbance activities.
		The total disturbance footprint is the sum of the total active disturbance, decommissioning, landform establishment, growth medium development, ecosystem and land use establishment, ecosystem and land use development and rehabilitation completion (see definitions below).
		Underground mining operations should not include the footprint of underground mining areas/subsidence management areas in the total disturbance footprint.
A2	Underground Mining Area	Underground mining operations areas/subsidence management areas.
B	Total active disturbance	Includes on-lease exploration areas, stripped areas ahead of mining, infrastructure areas, water management infrastructure, sewage treatment facilities, topsoil stockpile areas, access tracks and haul roads, active mining areas, waste rock emplacements (active/unshaped/in or out-of-pit), tailings dams (active/unshaped/uncapped) and temporary stabilised areas (e.g. areas sown with temporary cover crops for dust mitigation and temporary rehabilitation).
C	Rehabilitation – land preparation	<p>Includes the sum of all disturbed land within a mining lease that have commenced any, or all, of the following phases of rehabilitation – decommissioning, landform establishment and growth medium development.</p> <p>Refer to the glossary of terms in this document for the definition of these phases of rehabilitation.</p>

REPORTING CATEGORY		DEFINITION
D	Ecosystem and land use establishment	<p>Includes the area which has been seeded/planted with the target vegetation species for the intended final land use. However, vegetation has not matured to a stage where it can be demonstrated that it will be sustainable for the long term and or require only a maintenance regime consistent with target reference/analogue sites.</p> <p>Typically, rehabilitation areas would be in this phase for at least two years (and usually more) before rehabilitation can be classified as being in the ecosystem and land use development phase. This phase does not apply to infrastructure areas that are being retained as part of final land use for the site.</p>
E	Ecosystem and Land Use Development	<p>Rehabilitation has matured to a level where target revegetation outcomes are on a trajectory towards meeting the final rehabilitation objectives and rehabilitation completion criteria (as verified by monitoring).</p> <p>This phase includes infrastructure areas that are to be retained for an approved post mining land use, following completion of all necessary measures to render the infrastructure fit for this purpose (for example structural integrity).</p>
F	Rehabilitation Completion	The NSW Resources Regulator has determined in writing that the mining area has achieved the approved rehabilitation objectives and approved rehabilitation completion criteria and final landform and rehabilitation plan following the submission of <i>Form: ESF2 Rehabilitation completion and/or review of rehabilitation cost estimate and/or notification of mine or petroleum site closure</i> .
G	New active disturbance area	The area of any new active disturbance that has been created during the annual reporting period (definition A1 in Table 5).
H	New rehabilitation commenced during annual reporting period	The sum of any new rehabilitation commenced in the annual reporting period. These areas may be in the rehabilitation land preparation phase or the ecosystem & land use establishment phase (definitions C and D in Table 5).
I	Established rehabilitation (hectares)	The total area of land that is verified to be within either the ecosystem and land use development phase or the rehabilitation completion phase (definitions E & F in Table 5).

REPORTING CATEGORY		DEFINITION
J	Annual rehabilitation to disturbance ratio	The rehabilitation to disturbance ratio (H/G) indicates how many hectares of new rehabilitation are undertaken for each hectare of land disturbed during the year. A ratio of 1/1 indicates that the area of new rehabilitation and disturbance in that year are the same.
K	% Rehabilitated land to total mine footprint	The proportion of the total mine footprint (area of land that has been disturbed by past or present surface disturbance activities) that has established rehabilitation ($I/A1 \times 100$). For open cut mining, the proportion of the total mine footprint verified to be “established rehabilitation” should substantially increase as an operation progresses towards mine closure.
L	Established rehabilitation for agricultural final land uses (hectares)	The percentage of total area of land that is verified to be within either the ecosystem and land use development phase or the rehabilitation completion phase (definitions E & F in Table 5) that have been returned to an agricultural final land use.
M	Established rehabilitation for native ecosystem final land uses (hectares)	The percentage of total area of land that is verified to be within either the ecosystem and land use development phase or rehabilitation completion phase (definitions E & F in Table 5) that have been returned to native ecosystem final land use.
N	Established rehabilitation for other/non-vegetated final land uses (hectares)	The percentage of total area of land that is verified to be within either the ecosystem and land use development phase or the rehabilitation completion phase (definitions E & F in Table 5) that have been returned to other/non-vegetated final land use.

Attachment 2 – Definitions

WORD	DEFINITION
Active	In the context of rehabilitation, land associated with mining domains is considered ‘active’ for the period following disturbance until the commencement of rehabilitation.
Active mining phase of rehabilitation	In the context of rehabilitation, the active mining phase of rehabilitation constitutes the rehabilitation activities undertaken during mining operations such as salvaging and managing soil resources, salvaging habitat resources, and native seed collection. This phase also includes management actions taken during operations to manage risks to rehabilitation and enhance rehabilitation outcomes such as selective handling of waste rock and management of tailings emplacements.
Analogue site	In the context of rehabilitation, an analogue site is a ‘reference site’ that represents an example of the defining characteristics (such as vegetation composition and structure or agricultural productivity) of the final land use. Characteristics of analogue sites can be assessed to develop the rehabilitation objectives and completion criteria for final land use domains.
Annual rehabilitation report and forward program	As described in the Mining Regulation 2016.
Annual reporting period	As defined in the Mining Regulation 2016.
Closure	A whole-of-mine-life process, which typically culminates in the relinquishment of the mining lease. It includes decommissioning and rehabilitation to achieve the approved final land use(s).
Decommissioning	The process of removing mining infrastructure and removing contaminants and hazardous materials.
Decommissioning Phase of Rehabilitation	Activities associated with the removal of mining infrastructure and removal and/or remediation of contaminants and hazardous materials. In the context of the rehabilitation management plan this phase of rehabilitation may also include studies and assessments associated with decommissioning and demolition of infrastructure or works carried out to make safe or ‘fit for purpose’ built infrastructure to be retained for future use(s) following lease relinquishment.

WORD	DEFINITION
Department	The Department of Regional NSW.
Disturbance	See Surface Disturbance.
Disturbance area	<p>An area that has been disturbed and that requires rehabilitation.</p> <p>This may include areas such as on-licence exploration areas, stripped areas ahead of mining, infrastructure areas, water management infrastructure, sewage treatment facilities, topsoil stockpile areas, access tracks and haul roads, active mining areas, waste emplacements (active/unshaped/in or out-of-pit), tailings dams (active/unshaped/uncapped), and areas requiring rehabilitation that are temporarily stabilised (i.e. managed to minimise dust generation and/or erosion).</p>
Domain	<p>An area (or areas) of the land that has been disturbed by mining and has a specific operational use (mining domain) or specific final land use (final land use domain). Land within a domain typically has similar geochemical and/or geophysical characteristics and therefore requires specific rehabilitation activities to achieve the associated final land use.</p>
Ecosystem and Land Use Development	<p>This phase of rehabilitation consists of the activities to manage maturing rehabilitation areas on a trajectory to achieving the approved rehabilitation objectives and completion criteria.</p> <p>For vegetated land uses this phase may include processes to develop characteristics of functional self-sustaining ecosystems, such as nutrient recycling, vegetation flowering and reproduction, and increasing habitat complexity, and development of a productive, self-sustaining soil profile.</p> <p>This phase of rehabilitation may include specific vegetation management strategies and maintenance such as tree thinning, supplementary plantings and weed management.</p>
Ecosystem and Land Use Establishment	<p>This phase of rehabilitation consists of the processes to establish the approved final land use following construction of the final landform.</p> <p>For vegetated land uses this rehabilitation phase includes establishing the desired vegetation community and implementing land management activities such as weed control. This phase of rehabilitation may also include habitat augmentation such as installation of nest boxes.</p>
Exploration	Has the same meaning as that term under the State Environmental Planning Policy (Mining, Petroleum Production and Extractive Industries) 2007.

WORD	DEFINITION
Final landform and rehabilitation plan	As defined in the Mining Regulation 2016.
Final land use	As defined in the Mining Regulation 2016.
Form and way	Means the form and way approved by the Secretary. Approved form and way documents are available on the Department's website.
Growth Medium Development	<p>This phase of rehabilitation consists of activities required to establish the physical, chemical and biological components of the substrate required to establish the desired vegetation community (including short lived pioneer species).</p> <p>This phase may include spreading the prepared landform with topsoil and/or subsoil and/or soil substitutes, applying soil ameliorants to enhance the physical, chemical and biological characteristics of the growth media, and actions to minimise loss of growth media due to erosion.</p>
Habitat	Has the same meaning as that term under the <i>Biodiversity Conservation Act 2016</i> and the <i>Fisheries Management Act 1994</i> (as relevant).
Indicator	An attribute of the biophysical environment (e.g. pH, topsoil depth, biomass) that can be used to approximate the progression of a biophysical process. It can be measured and audited to demonstrate (and track) the progress of an aspect of rehabilitation towards a desired completion criterion (i.e. defined end point). It may be aligned to an established protocol and used to evaluate changes in a system.
Land	As defined in the <i>Mining Act 1992</i> .
Landform Establishment	<p>This phase of rehabilitation consists of the processes and activities required to construct the final landform.</p> <p>In addition to profiling the surface of rehabilitation areas to the approved final landform profile this phase may include works to construct surface water drainage features, encapsulate problematic materials such as tailings, and prepare a substrate with the desired physical and chemical characteristics (e.g. rock raking or ameliorating sodic materials).</p>
Large mine	As defined in the Mining Regulation 2016.
Lease holder	The holder of a mining lease.

WORD	DEFINITION
Life of mine	The timeframe of how long a mine is approved to mine, from commencement to closure.
Mine rehabilitation portal	<p>Means the NSW Resources Regulator’s online portal that lease holders must use (via a registered account) to:</p> <ul style="list-style-type: none"> ■ upload rehabilitation geographical information system (GIS) spatial data ■ develop rehabilitation GIS spatial data (using online tracing functions) ■ generate rehabilitation plans and rehabilitation statistics using the map viewer and Rehabilitation Key Performance Indicator functionalities. <p>Data submitted to the mine rehabilitation portal is collated in a centralised geodatabase for use by the NSW Resources Regulator to regulate rehabilitation performance of lease holders.</p>
Mining area	As defined in the <i>Mining Act 1992</i> .
Mining domain	A land management unit with a discrete operational function (e.g. overburden emplacement), and therefore similar geophysical characteristics, that will require specific rehabilitation treatments to achieve the final land use(s).
Mining land	As defined in the <i>Mining Act 1992</i> .
Native vegetation	Has the same meaning as that term under section 60B of the <i>Local Land Services Act 2013</i> .
Overburden	Material overlying coal or a mineral deposit.
Performance indicator	An attribute of the biophysical environment (for example pH, slope, topsoil depth, biomass) that can be used to demonstrate achievement of a rehabilitation objective. It can be measured and audited to demonstrate (and track) the progress of an aspect of rehabilitation towards a desired completion criterion, that is, a defined end point. It may be aligned to an established protocol and used to evaluate changes in a system.

WORD	DEFINITION
Phases of rehabilitation	<p>The stages and sequences of actions required to rehabilitate disturbed land to achieve the final land use. The phases of rehabilitation are:</p> <ul style="list-style-type: none"> ■ active mining ■ decommissioning ■ landform Establishment ■ growth medium development ■ ecosystem and land use establishment ■ ecosystem and land use development.
Progressive rehabilitation	The progress of rehabilitation towards achieving the approved rehabilitation completion criteria. This may be described in terms of domains, phases, performance indicators and rehabilitation completion criteria.
Rehabilitation Completion	<p>The final phase of rehabilitation when a rehabilitation area has achieved the approved rehabilitation objectives and rehabilitation completion criteria for the final land use. Rehabilitation areas may be classified as complete when the NSW Resources Regulator has determined in writing that the relevant rehabilitation obligations have been fulfilled following submission of <i>Form ESF2 Rehabilitation completion and/or review of rehabilitation cost estimate</i> application by the lease holder.</p>
Rehabilitation Completion criteria	As defined in the Mining Regulation 2016.
Rehabilitation cost estimate	As defined in the Mining Regulation 2016.
Rehabilitation management plan	As defined in the Mining Regulation 2016.
Rehabilitation objectives	As defined in the Mining Regulation 2016.
Rehabilitation risk assessment	As defined in the Mining Regulation 2016.
Rehabilitation schedule	The defined timeframes for progressive rehabilitation set out in the forward program.

WORD	DEFINITION
Relevant stakeholders	Means any persons or bodies who may be affected by the mining operations, including rehabilitation, carried out on the lease land, and includes: <ul style="list-style-type: none"> ■ the relevant development consent authority ■ the local council ■ the relevant landholder(s) ■ community consultative committee (if required under the development consent) or equivalent consultative group ■ affected land holder(s) ■ government agencies relevant to the final land use ■ affected infrastructure authorities (electricity, telecommunications, water, pipeline, road, rail authorities) ■ local Aboriginal communities, and ■ any other person or body determined by the Minister to be a relevant stakeholder in relation to a mining lease.
Risk	The effect of uncertainty on objectives. It is measured in terms of consequences and likelihood (AS/NZS ISO 31000:2009).
Secretary	The Secretary of the Department.
Security deposit	An amount that a mining lease holder is required to provide and maintain under a mining lease condition, to secure funding for the fulfilment of obligations under the lease (including obligations that may arise in the future).
Surface disturbance	Includes activities that disturb the surface of the mining area, including mining operations, ancillary mining activities and exploration.
Tailings	A combination of the fine-grained solid material remaining after the recoverable metals and minerals have been extracted from the mined ore, and any process water ² .
Waste	Has the same meaning as that term under the <i>Protection of the Environment Operations Act 1997</i> .

² Commonwealth of Australia (DITR), 2007. *Tailings Management*.

Attachment 3 – Rehabilitation Complaints

DATE	COMPLAINANT	COMPLAINT DETAILS	RESPONSE DETAILS	STATUS OF RESPONSE	DATE RESPONSE COMPLETED (IF APPLICABLE)
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Attachment 4 – Stakeholder consultation

DATE	STAKEHOLDER	CONSULTATION ACTIVITIES AND FORMS	MATTERS SUBJECT TO CONSULTATION	ACTIONS TAKEN
5 Jul 2023	Landholders	A Work Notification Letter was sent to landholders located in the vicinity of remediation works for Pool 28 in Redbank Creek.	Creek remediation works	No issues raised.
24 Aug 2023	Landholders	A Works notification letter sent to residents in the vicinity of Rehabilitation works at Pool 18 and Pool 14 in Myrtle Creek.	Commencement and location of the additional rehabilitation works at Pool 18 and 14 in Myrtle Creek.	No issues raised.
13 Dec 2023	Landholders	Stakeholder consultation was undertaken for remediation works in Myrtle and Redbank Creek during the reporting period. Quarterly Newsletters were sent to neighboring properties in the vicinity of the Creek remediation works detailing Project background, overall rehabilitation scope, current remediation works and future remediation works for Redbank and Myrtle Creek. These can be	Creek remediation works.	No issues raised.

DATE	STAKEHOLDER	CONSULTATION ACTIVITIES AND FORMS	MATTERS SUBJECT TO CONSULTATION	ACTIONS TAKEN
		viewed on our Tahmoor Coal website.		
1 Mar 2024	Landholder	Stakeholder consultation was undertaken for remediation works in Myrtle and Redbank Creek during the reporting period. Newsletters were sent to neighbouring properties in the vicinity of the Creek remediation works detailing Project background, overall rehabilitation scope, current remediation works and future remediation works for Redbank and Myrtle Creek.	Newsletters were sent to neighbouring properties in the vicinity of the Creek remediation works detailing Project background, overall rehabilitation scope, current remediation works and future remediation works for Redbank and Myrtle Creek.	No issues raised.
1 Sep 2024	Landholders	Stakeholder consultation was undertaken for remediation works in Myrtle and Redbank Creek during the reporting period. Newsletters were sent to neighbouring properties in the vicinity of the Creek remediation works detailing Project	Newsletters were sent to neighbouring properties in the vicinity of the Creek remediation works detailing Project background, overall rehabilitation scope, current remediation works and future remediation works for Redbank and Myrtle Creek.	No issues raised.

DATE	STAKEHOLDER	CONSULTATION ACTIVITIES AND FORMS	MATTERS SUBJECT TO CONSULTATION	ACTIONS TAKEN
		background, overall rehabilitation scope, current remediation works and future remediation works for Redbank and Myrtle Creek.		
1 Jun 2024	Landholders	Stakeholder consultation was undertaken for remediation works in Myrtle and Redbank Creek during the reporting period. Newsletters were sent to neighbouring properties in the vicinity of the Creek remediation works detailing Project background, overall rehabilitation scope, current remediation works and future remediation works for Redbank and Myrtle Creek.	Newsletters were sent to neighbouring properties in the vicinity of the Creek remediation works detailing Project background, overall rehabilitation scope, current remediation works and future remediation works for Redbank and Myrtle Creek.	No issues raised
1 Dec 2024	Landholders	Stakeholder consultation was undertaken for remediation works in Myrtle and Redbank Creek during the reporting period. Newsletters were sent to	Newsletters were sent to neighbouring properties in the vicinity of the Creek remediation works detailing Project background, overall rehabilitation scope, current remediation works and future remediation works for Redbank and Myrtle Creek.	No issues raised

DATE	STAKEHOLDER	CONSULTATION ACTIVITIES AND FORMS	MATTERS SUBJECT TO CONSULTATION	ACTIONS TAKEN
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neighbouring properties in
the vicinity of the Creek
remediation works
detailing Project
background, overall
rehabilitation scope,
current remediation works
and future remediation
works for Redbank and
Myrtle Creek.

Attachment 5 – Plans

Plan 1A attachment not provided.

Plan 1B attachment not provided.

Annual Report (LARGE MINE) v1.11