



**DONALDSON COAL MINE
AND
ABEL UNDERGROUND COAL MINE

WASTE MANAGEMENT PLAN

CARE AND MAINTENANCE**

Version 2

Date: 3rd June 2019

<i>version</i>	<i>issue date</i>	<i>Section/s modified</i>	<i>Reason for modification (including whether review or minor amendment)</i>	<i>modified by</i>
1	05.07.2000	Original	Original Waste Management for Donaldson Coal Mine	Donaldson Coal
2	03.06.2019	All	New plan that covers waste for both Donaldson and Abel Mines for Care and Maintenance phase.	Donaldson Coal
<i>Document Owner (Role)</i>	Environment and Community Relations Superintendent		<i>Document Approver (Role)</i>	Operations Manager
<i>Document Owner (Name)</i>	Phillip Brown		<i>Document Approver (Name)</i>	William Farnworth



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1. Introduction

1.1 Background

The Abel underground coal mine and Donaldson open cut coal mines are located in close proximity to each other and are currently managed as an amalgamated mining complex. Donaldson has ceased operations and majority of disturbed land has been rehabilitated whilst Abel is in 'care and maintenance' with restricted activities occurring across the mining complex. Activities that currently occur onsite include water management, rehabilitation maintenance, land maintenance (including weed management etc), maintenance of mining infrastructure and environmental monitoring activities.

This Waste Management Plan (WMP) serves to meet the requirements of the Donaldson Development Consent. It is applicable whilst Abel is in Care and Maintenance and Donaldson in Mine Closure. A review and update to this WMP will be undertaken prior to mining operations recommencing at Abel.

2. Project Location and Description

Donaldson mine and Abel underground mine are located approximately 23km west of Newcastle. Other nearby towns include Beresfield, located 2km north-east, and Maitland located approximately 5km north east. The mines access, entries and primary surface facilities are located off John Renshaw Drive, Blackhill. Donaldson coal mine has been rehabilitated whilst the Abel coal mine has been in care and maintenance since 2016. The plan below shows the location of the Abel area with respect to surrounding land uses.

Both mines now use the Abel surface facilities to operate administrative and care and maintenance activities.

Whilst in care and maintenance, the operation has minimal employees and is staffed 5 days a week on day shift only.

Waste generating activities have greatly reduced with the closure of the Donaldson open cut and care and maintenance of Abel.

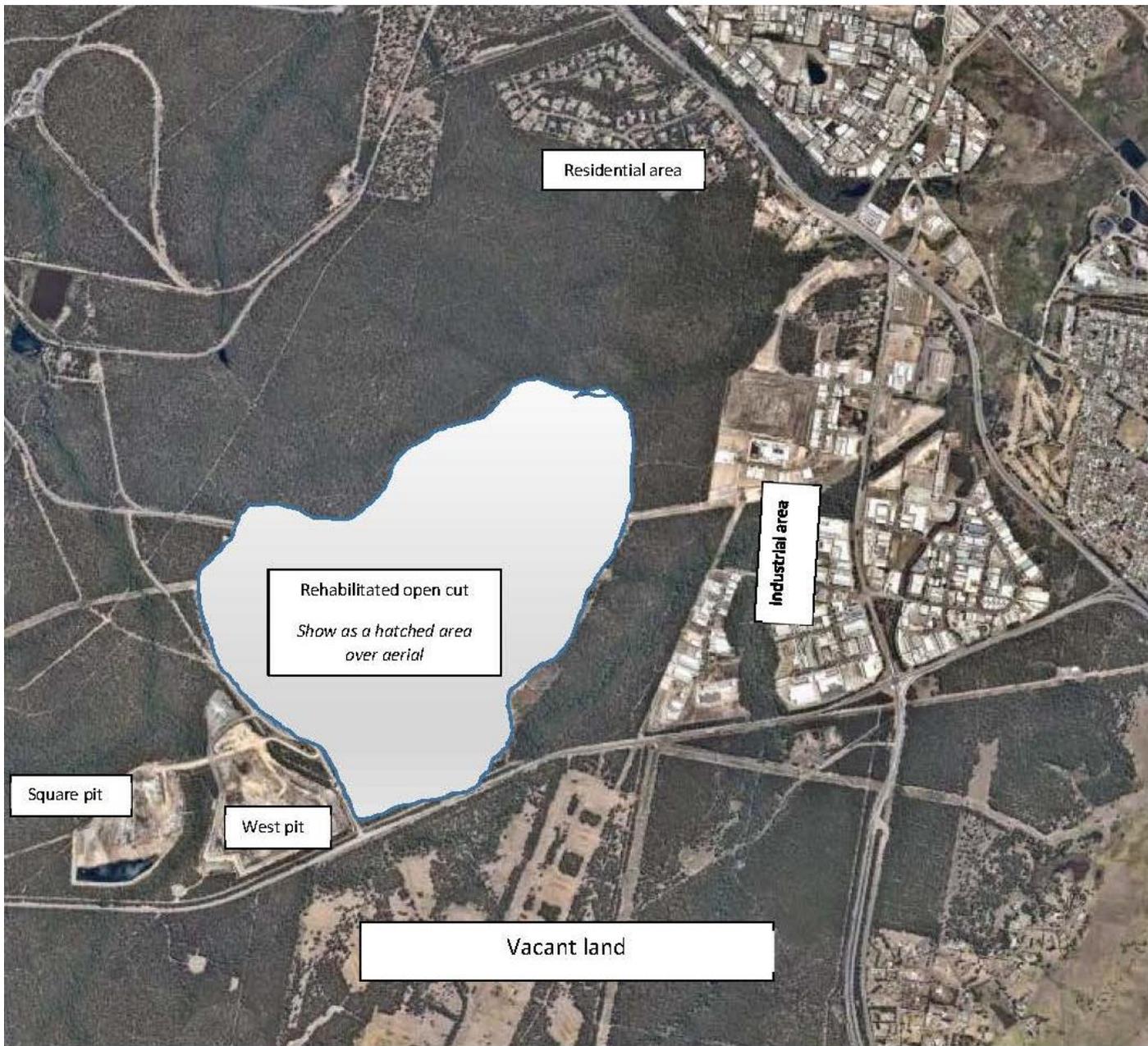


Figure 2.1 Land Uses Surrounding Abel

3. Statutory Requirements

This Waste Management Plan (WMP) has been compiled to meet the requirements of the Donaldson Coal Development Approvals (DA 98/01173 and DA 118/698/22). Donaldson have a requirement to prepare and implement a management plan that describes how waste will be managed.

Sections 3.1 below list the conditions within the Donaldson Development Consent that is relevant to this management plan and references the section within the document where the condition is met.

3.1 Donaldson Coal Mine

The Donaldson Development Approval DA 98/01173 lodged with Maitland Council and DA 118/698/22 lodged with Cessnock Council was granted by the Minister on the 14th October 1999 and subsequently modified on two occasions for an extension of the pit limits and extension to the mine life. This WMP is required within the Donaldson Development Consent in Schedule 2, Conditions 87, 88 and 89 that state;

Table 1 Donaldson Development Consent Conditions

Ref	Requirement	Section in this Document
87.	<i>The Applicant shall prepare and implement a Waste Management Plan in consultation with OEH, DRE and the Hunter Waste Planning and Management Board, and to the satisfaction of the Director General, prior to commencement of construction. The Applicant shall make copies of the Waste Management Plan available to Councils and the Community Consultative Committee within 14 days of approval by the Director-General.</i>	This Document
88.	<i>The Waste Management Plan shall include, but not be limited to the management of the mine site to prevent dumping of waste; and the management and treatment of Potentially Acid Forming waste.</i>	Section 5
89	<i>The Applicant shall meet the requirements of Councils, OEH and Hunter Water Corporation with respect to water and sewer.</i>	This Document



4. Waste Management Principles

4.1 Waste Minimisation and Management

Donaldson Coal has adopted the principles of the Waste Minimisation and Management Act (1995) through embracing the following waste management hierarchy of:

- AVOIDANCE
- RE-USE
- RECYCLING & REPROCESSING
- DISPOSAL

Under this hierarchy Donaldson promotes the avoidance of waste through providing appropriate resources to ensure that site personnel (including contractors) are trained and aware of their responsibilities and are not undertaking wasteful practices or using wasteful products. Where practical personnel are encouraged to re-use or recycle wastes with disposal to landfill being the final and last alternative.

5. Management of Waste Streams

5.1 Waste Streams During Care and Maintenance

Waste management will during care and maintenance is significantly lower than whilst the sites were operation. Equipment maintenance still occurs and will produce minor amounts of waste. The Abel administration facility is used by personnel conducting care and maintenance activities as well as personnel conducting corporate roles for the Yancoal group.

Section 5.1 and Appendix 1 summarises the waste streams at Donaldson Coal and how they are managed.

5.11 Vegetation

There is no planned disturbance to vegetation during care and maintenance. If this is required for any reason (eg: clearing under power lines), prior to impacting vegetation all useable timber (ie. fence posts, poles, prop timber, etc) will be recovered.

Trees will be chipped and / or stockpiled on site for re-use in the re-vegetation of disturbed areas in future rehabilitation.

5.12 Waste Oil

Waste oil is generated as part of in-field servicing and/or maintenance of mining equipment in the workshop area. All waste oil will be collected and temporarily stored in empty drums (205L) before being transferred to a large on site storage tank contained within a bunded area. A licenced waste contractor will routinely collect the waste oil before it is processed for recycling.



5.13 Oily Water

Oily water is generated where waste oil and water are mixed. This often occurs within the maintenance bunded area where small spills mix with rainwater. An oil separator operates in the maintenance and wash down area sump where waste oil is recovered and removed by a licenced waste contractor for recycling.

5.14 Oil Filters

Oil Filters are generated from servicing and/or maintenance of mining equipment in the workshop area. All oil filters are drained on racks and placed in appropriate recycling storage bins. The oil that drains from the filters is managed as waste oil. The filter bins will be routinely collected by a licenced waste contractor and taken to be crushed to recover the remaining oil. The crushed filter casings are then sold as scrap metal.

5.15 Redundant Chemicals

Redundant chemicals are chemicals that are no longer required for a particular application, are unidentified or out of date. When a chemical becomes redundant it is removed from general circulation and placed in an appropriate storage area where it is stockpiled prior to disposal. The Safety Data Sheet (SDS) will be attached to the container which will be clearly marked as a redundant chemical. Care will always be taken to ensure that incompatible chemicals (eg. Acids and Oxidizing Agents) are not stored together.

A licenced waste contractor will routinely remove all redundant chemicals from the site and take them to a facility where they are either neutralised or treated prior to appropriate disposal.

5.16 Solvents

Solvents are used in the workshop for washing parts and cleaning down various engine components. A parts washing station is located in the workshop. The solvent is contained within a closed system and is used over and over to washdown the parts. Once the solvent becomes ineffective, a licenced waste contractor will remove the drum. The spent solvent will be taken to a facility where it is reprocessed and recycled.

5.17 Batteries

Batteries in mine machinery and equipment will be replaced as required. After being removed from the equipment, all batteries will be stored on self bunded pallets prior to being collected by a licenced waste contractor. The batteries are taken to a facility for recycling.

5.18 Tyres

Tyres on mine equipment are subject to wear under load and will be replaced as required. All used tyres will be stored on site in small temporary stockpiles before being removed by a licenced waste contractor approved to remove tyres.

5.19 Scrap Metal

Scrap metal is generated in the workshop, underground and pit top areas. In addition, scrap steel may be generated as damaged parts on equipment are replaced or to remove redundant materials from site.

All scrap metal will be placed in designated waste skips and will be routinely collected by a licensed scrap steel merchant.

5.110 Empty Drums

Oils, lubes and greases will be supplied to the site in 20L and 205L drums. Empty drums will be stored in a bunded area, where they will be made available to site personnel and reused for storing waste oil or other materials generated at the mine or recycled if no longer required.

5.111 Oil Spill Mop and Absorbents

Wherever quantities of diesel fuel and oil are being used small spills are inevitable. While every attempt will be made to minimise these spills, absorbents and spill mops will be used to recover any spilt materials.



Used absorbents and spill mop will be collected and placed into designated bins that will be routinely collected by a licenced waste contractor.

5.112 Grease

Grease will be supplied to the mine in 20L drums. Some residue grease will be left in the drums after application. This material will be consolidated into single drums. A licenced waste contractor will routinely remove any drums from the mine site and take them to a facility prior to appropriate disposal.

5.113 Coolant

Engine coolant will be collected in the workshop. It will be placed into empty 20L drums. A licenced waste contractor will routinely remove all drums from the site and take them to a facility where the coolant will be prepared prior to appropriate disposal.

5.114 Potentially Acid Forming Soils

Water is monitored surrounding the operation to detect any changes to pH levels in the surrounding waterways or dams. To date, Potentially Acid Forming (PAF) soils have not been identified at Donaldson and is not anticipated to be encountered during the Care and Maintenance period.

5.115 General Rubbish

General rubbish will be generated in the mine in offices, workshop areas and in mine equipment. Designated waste skips will be provided and placed around the site for the collection of all general wastes. The skips will be routinely collected by a licenced waste contractor and taken to an off site licenced landfill.

5.116 Office Paper & Cardboard

Paper and Cardboard will be generated in the administration area and the workshop. All office paper and cardboard will be placed into designated skips or bins and will be routinely collected by a licenced waste contractor. The paper and cardboard will be taken to a facility where it will be sorted, baled and sent for recycling.

5.117 Timber & Pallets

Spare and replacement parts for mine equipment will be supplied in timber packaging or on timber pallets. Where possible the pallets will be returned to the supplier for reuse.

All timber packaging will be set aside for reuse on the site. Employees will have the option to take away waste timber for private use. The remaining unwanted timber and damaged pallets will be collected by the waste contractor.

5.118 Mine Water

All mine water is managed in pit and pumped to the Big Kahuna Dam as required. It will then be pumped to Bloomfield Coal for reuse or evaporated. Donaldson Coal does not discharge from the mine although does have approval to discharge if water quality meets specific requirements.

In rehabilitated areas, surface and runoff water will be directed through designed sedimentation dams prior to leaving the site. The site [Erosion and Sediment Control Plan](#) details the requirements for establishing sediment dams and management runoff water from disturbed areas.

5.119 Sewerage

A sewerage treatment plant is used at Abel to treat the bath house washdown water and sewerage. Approval and annual inspection of the plant occurs by Cessnock Council (Local Government Area). Donaldson Coal will ensure that the sewerage and waste water onsite is managed in accordance with the Cessnock Council policies.



5.120 Bath-house water

Water is used in the bath house, principally from personnel taking showers following the shift or is washout water used to clean the facilities at the end of each day. This bath-house water will be passed through the sewerage treatment plant and the Big Kahuna Dam.

5.121 Workshop Washdown Water

During care and maintenance, wash down water will be generated in the workshop area. Vehicles and equipment will be cleaned prior to servicing or maintenance works and the workshop may be hosed out to clean up mud and debris on the workshop floor. This washdown water will be passed through an oil water separator before flowing onto the Big Kahuna Dam.

6. Removal of Waste

Only waste contractors who can demonstrate full environmental compliance will be used to manage wastes generated at the mine. Only contractors carrying the appropriate licenses will be considered for use by Donaldson Coal.

6.11 Records of Licenses and Approvals

Copies of all licenses and approvals will be kept with the Waste Management Plan. New contractors must be approved by the Environment and Community Relations Superintendent before they can be used on site.

The contractor will also be required to make available any information relating to a previous prosecution under any local, state or federal environmental legislation (or similar).

6.12 Contractor Audits and Facilities

An inspection of the waste contractors field operations and facilities will be undertaken. This will be more frequent if it is thought that the contractor is not meeting the requirements of this Waste Management Plan. Copies of all audits and inspections will be kept in the Donaldson records.

6.13 Dismissing a Contractor

Donaldson will exercise its right to dismiss any waste contractor that is found to be operating in a way that is not environmentally responsible or is outside of any local, state or federal environmental legislation (or similar).

6.14 Waste Tracking – Environmental Database

All waste generated at the site will be recorded and collated by the waste contractor. The information recorded will include, but not be limited to, the following items;

- type of waste;
- quantity of waste being disposed of;
- name of the waste contractor taking the waste;
- location to where the waste is being taken;
- the method of treatment and/or disposal; and
- whether a certificate of disposal has been issued.

On a monthly basis, the waste contractor will provide a waste report to Donaldson for review. This report will include all waste handled or removed from site during the previous month.

7. Accountabilities and Training

7.1 Roles and Responsibilities

Waste management roles and responsibilities are listed in Table 2.

Table 2 Roles and Responsibilities

Role	Responsibility
Operations Manager	<p>Provide sufficient resources to manage waste related risks and progress opportunities for improvement.</p> <p>Identify and allocate sufficient resources to manage waste related risks by supporting WMP implementation.</p>
Environment and Community Relations Superintendent	<p>Oversee the implementation, monitoring and review of the WMP in accordance with applicable requirements.</p> <p>Record, investigate and respond to waste related incidents and complaints in accordance with complaint and incident management procedures.</p> <p>Periodically assess waste streams onsite.</p> <p>Provide for the training to employees and contractors for the implementation of waste management related controls, systems and procedures.</p> <p>Monitor and review data collected as part of waste monitoring network and assess compliance.</p>
Employees	<p>Conduct work activities in a manner that minimises waste.</p> <p>Report waste related incidents to the Environment and Community Relations Superintendent.</p>

8. Review Procedure

The performance of the WMP will be reviewed at least every 3 years, after a waste related incident or as requested by the Secretary. The review will include:

- A review of the waste generation results of the development over the preceding year/s;
- Identification of any failure to meet performance measures over the preceding year, and a description of what actions were (or are being) taken to ensure these are met; and,
- A description of what measures will be implemented over the coming year to improve the performance of the waste management system.

The WMP will be reviewed within three months of the submission of a 3 year independent review and updated to the satisfaction of the Secretary where necessary.

Any major amendments to the WMP that affect its application will be undertaken in consultation with the appropriate regulatory authorities and stakeholders. This plan will be reviewed and updated in consultation with the Secretary prior to Abel changing from care and maintenance to operational. Minor changes such as formatting edits will be made with version control.

The WMP will also be revised due to:

- Deficiencies being identified;
- Introduction of additional mitigation measures or controls;
- Results from the waste monitoring program;
- Recommendations resulting from the monitoring and review program;
- Changing environmental requirements;
- Improvements in knowledge or technology becoming available;
- Changes in legislation;
- Identification of a requirement to alter the WMP following a risk assessment; or
- Updating of the mine operating plan.

9. Evaluating and Reporting

Donaldson Coal will adhere to the procedures and environmental management, reporting and auditing requirements in accordance with the Donaldson Development Consent.

An annual review will be prepared each year to review the environmental performance of the Donaldson and Abel operations and include a review of waste monitoring results, complaint records, identification of waste trends and describe measures taken to improve environmental performance.

Appendix 1

MATERIALS ON SITE		DESTINATION OF THE VARIOUS WASTE STREAMS		
		Reuse and Recycling		Disposal
Types of Material	Estimated Quantities (Units as detailed)	On Site re-use or recycling	Off site re-use and recycling	On site or Landfill
Cleared Vegetation	Nil	<ul style="list-style-type: none"> Habitat Trees for fauna once regrading has been completed. Mulch used in Mine site rehabilitation. 	<ul style="list-style-type: none"> Usable timber recovered for fencing, buildings, etc. Wood chips sold to markets off the mine. 	<ul style="list-style-type: none"> Timber can be used in rehabilitation.
Waste Oil	200L/month	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator Used as a bunker fuel or additive to another process. 	<ul style="list-style-type: none"> Nil
Oily Water	Included in Waste Oil	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator and reprocessed. Oil recovered (see above) water disposed. 	<ul style="list-style-type: none"> Nil
Oil Filters	1 x 205L drums/year	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator. The filters are crushed the oil recovered (see above) and the casing sold as scrap steel. 	<ul style="list-style-type: none"> Nil
Redundant Chemicals	20L/quarter	<ul style="list-style-type: none"> Reuse chemicals where it is still safe to do so. 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator 	<ul style="list-style-type: none"> Nil

MATERIALS ON SITE		DESTINATION OF THE VARIOUS WASTE STREAMS		
		Reuse and Recycling		Disposal
Types of Material	Estimated Quantities (Units as detailed)	On Site re-use or recycling	Off site re-use and recycling	On site or Landfill
Solvents	20L/quarter	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator and filtered before being returned to site for reuse. 	<ul style="list-style-type: none"> Nil
Batteries	1 units/quarter	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator. 	<ul style="list-style-type: none"> Nil
Tyres	1t/year	<ul style="list-style-type: none"> Sediment Control Safety Barriers and Bollards 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator 	<ul style="list-style-type: none"> Nil.
Scrap Metal	2t/quarter	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Scrap steel merchant will take the scrap steel and recycle it. 	<ul style="list-style-type: none"> Nil
Empty Drums	10/month	<ul style="list-style-type: none"> Retained to be used to collect waste (oil, coolant etc). 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator and the drum to be reconditioned for re-use Scrap steel merchant may take some as scrap steel and recycle them. 	<ul style="list-style-type: none"> Nil
Oily Rags & Spill Mop	1 x 205L drum/quarter	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator and treated 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator and where appropriate sent to off site landfill.

MATERIALS ON SITE		DESTINATION OF THE VARIOUS WASTE STREAMS		
		Reuse and Recycling		Disposal
Types of Material	Estimated Quantities (Units as detailed)	On Site re-use or recycling	Off site re-use and recycling	On site or Landfill
Grease	1x 205L drum/year	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator and treated 	<ul style="list-style-type: none"> Nil
Coolant	1 x 205L/year	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator and treated 	<ul style="list-style-type: none"> Nil
Contaminated Soil	Nil	<ul style="list-style-type: none"> Landfarming (bio-remediation) 	<ul style="list-style-type: none"> Collected by a licensed waste disposal operator and treated. 	<ul style="list-style-type: none"> Nil
General Rubbish	2m ³ /week	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Collected by a licenced waste disposal operator and sent to off site landfill.
Cardboard and Office Paper	1m ³ /week	<ul style="list-style-type: none"> Nil 	Collected by a licenced waste disposal operator and recycled.	<ul style="list-style-type: none"> Nil
Timber/Pallets	2 pallets/month	<ul style="list-style-type: none"> Timber and pallets to be chipped and stockpiled for reuse in rehab 	<ul style="list-style-type: none"> Collected by pallet conditioner and re-used 	<ul style="list-style-type: none"> Where appropriate sent to off site landfill.
Mine Water	Refer to Water Management Plan	<ul style="list-style-type: none"> Dust Suppression Washdown Water Construction Water 	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Stored in mine dams and sedimentation dams – evaporated
Sewerage	2kl/day	<ul style="list-style-type: none"> Possible use in re-establishment of vegetation 	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Bio-cycle Unit (or similar) will be used.

MATERIALS ON SITE		DESTINATION OF THE VARIOUS WASTE STREAMS		
		Reuse and Recycling		Disposal
Types of Material	Estimated Quantities (Units as detailed)	On Site re-use or recycling	Off site re-use and recycling	On site or Landfill
Water Collected in Bunds <i>Note: Water containing oil etc, will be treated as Oily Water.</i>	Dependent on rainfall	<ul style="list-style-type: none"> Dust Suppression Washdown Water Construction Water 	<ul style="list-style-type: none"> Nil 	<ul style="list-style-type: none"> Stored in on site mine dams and sedimentation dams – evaporated



Appendix 1 Consultation Correspondence



30th April 2019

Mr. Jack Murphy
 Environmental Assessment Officer
 Resource Assessments, Planning Services
 Department of Planning & Environment
 GPO Box 39
 SYDNEY NSW 2001

Dear Jack,

Re: Submission of Donaldson / Abel Draft Management Plans

Further to the Department's correspondence dated 6th December 2018 regarding the above, we advise that the Abel Coal Mine submitted the Independent Environmental Audit (IEA) Report on 11th February 2019 to the Department's Singleton Compliance Unit.

The 2018 Abel IEA triggered the revision of several management plans that are attached with this correspondence in draft format for the Department's review. Donaldson Coal has also sought comment from relevant Agencies and interested parties. Several of the Management Plans required under both PA 05_0136 (Abel Underground Mine) and DAs 118/698/22 and 98/01173 (Donaldson Open Cut) have been integrated as the relevant management actions and mitigation measures are consistent across both projects. All Management Plans have been reviewed and those listed below have been updated to reflect the current status of the operations during care and maintenance.

Below is a list of submitted management plans, together with the relevant agency that has been asked to comment.

Management Plan	Relevant Agency
Air Quality and Greenhouse Gas Management Plan	EPA
Noise Management Plan	EPA, OEH
Flora and Fauna Management Plan	NRAR, OEH, Councils
Waste Management Plan	OEH, DoP-RR
Tetratheca juncea Management Plan	OEH
Water Management Plan	EPA, NRAR
Rehabilitation Management Plan	DoP-RR, OEH, NRAR and Councils
Aboriginal Management Plan	Aboriginal Community, Councils and OEH

Please note that Management Plans required under Schedule 3 of PA 05_0136 relevant to the Extraction Plan are current and have not been revised.

The Blast Management Plan required under the Donaldson Open Cut Consent (DAs 118/698/22 and 98/01173) has not been revised as there is no longer a requirement to conduct any future blasting at the rehabilitated Donaldson Open Cut Mine.

The submitted Management Plans cover the current period of Care and Maintenance and may be updated where required prior to the recommencement of operations at the Abel Mine.



Upon receiving feedback from DP&E and relevant agencies, Donaldson Coal will review comments received and resubmit these management plans for approval.

We would appreciate if you would provide feedback on these Management Plans by the 31st of May 2019.

If you have any questions or would like to discuss these management plans, please don't hesitate to contact the undersigned on 0439 909 952.

Yours sincerely



Phillip Brown
Environment & Community Relations Superintendent
Donaldson Coal Pty Ltd



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PHONE: +61 2 4015 1100
WEBSITE: www.doncoal.com.au
ABN 87 073 088 945

30th April 2019

General Manager
Cessnock Council
P O Box 152
CESSNOCK NSW 2325

via email: council@cessnock.nsw.gov.au

Dear Sir,

Re: Donaldson / Abel Draft Management Plan Submission

Donaldson Coal Pty Limited have recently reviewed a number of environmental management plans for the Donaldson Open Cut Mine and Abel Underground coal mines. Donaldson coal mine ceased mining operations in 2013 and Abel coal mine has been in care and maintenance since 2016, with limited activities now occurring across either site.

Several Management Plans required under both PA 05_0136 (Abel Underground Mine) and DAs 118/698/22 and 98/01173 (Donaldson Open Cut) have been integrated as relevant management actions and mitigation measures are consistent across both projects.

As the risk associated with operational mining has now been minimised, management plans have been updated to reflect the current non-operational status of the sites.

Donaldson Coal are seeking comments from Cessnock Council for the following attached management plans:

- Waste Management Plan
- Rehabilitation Management Plan

We would appreciate the provision of comments and feedback on these management plans by the 31st May 2019 to meet statutory reporting requirements under project approvals.

If you have any questions or would like to discuss these management plans, please don't hesitate to contact the undersigned on 0439 909 952.

Yours sincerely,



Phillip Brown
Environment & Community Relations Superintendent
Donaldson Coal Pty Ltd

Enc: Management Plans



Phillip Brown

From: Peter Giannopoulos <Peter.Giannopoulos@cessnock.nsw.gov.au>
Sent: Monday, 3 June 2019 2:25 PM
To: Phillip Brown
Subject: 5 1998 80022 _ Donaldson Open Cut Mine _ Management Plan Review _ Yancoal

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Dear Phillip

I refer to your email of the 30 April 2019, attaching your Abel Draft Management Plan Submission and associated documents.

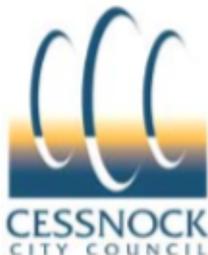
I have referred the documents internally within Council to the relevant interested persons and have received no objection to the draft submission.

Please let me know if you need anything further.

Yours faithfully

Peter Giannopoulos | Team Leader Development Services
62-78 Vincent St | PO Box 152 | Cessnock NSW 2325
p 02 4993 4112

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Integrity, Respect, Teamwork, Accountability and

Excellence

I acknowledge the Traditional Owners and custodians of the land I work and live on, past, present and future.



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ABN 27 073 088 945

30th April 2019

General Manager
Maitland Council
PO Box 220
Maitland, NSW, 2320

via email: info@maitland.nsw.gov.au

Dear Sir,

Re: Donaldson / Abel Draft Management Plan Submission

Donaldson Coal Pty Limited have recently reviewed a number of environmental management plans for the Donaldson Open Cut Mine and Abel Underground coal mines. Donaldson coal mine ceased mining operations in 2013 and Abel coal mine has been in care and maintenance since 2016, with limited activities now occurring across either site.

Several Management Plans required under both PA 05_0136 (Abel Underground Mine) and DAs 118/698/22 and 98/01173 (Donaldson Open Cut) have been integrated as relevant management actions and mitigation measures are consistent across both projects.

As the risk associated with operational mining has now been minimised, management plans have been updated to reflect the current non-operational status of the sites.

Donaldson Coal are seeking comments from Maitland Council for the following management plans (attached):

- Waste Management Plan
- Water Management Plan
- Flora and Fauna Management Plan
- Aboriginal Management Plan
- Rehabilitation Management Plan

We would appreciate the provision of comments and feedback on these management plans by the 31st May 2019 to meet statutory reporting requirements under project approvals.

If you have any questions or would like to discuss these management plans, please don't hesitate to contact the undersigned on 0439 909 952.

Yours sincerely,



Phillip Brown
Environment & Community Relations Superintendent
Donaldson Coal Pty Ltd



Our Ref: (2019/148415)

Phone Enquiries: 4934 9700
Michael Tinlin

31/05/2019

Phillip Brown
Donaldson Coal Pty Limited
PO Box 2216
GREEN HILLS NSW 2323

Delivered electronically to: Phillip.Brown@yancoal.com.au
Cc: James.Renson@yancoal.com.au

Dear sir

Re: Donaldson / Abel Draft Management Plan submission

I have examined the recently reviewed environmental management plans for the Donaldson Open Cut Mine and Abel Underground Coal Mines and find they satisfy the consent conditions.

Yours sincerely

Michael Tinlin
Environmental Programs Officer

This document is not signed as it has been delivered electronically.



SITE: 1132 John Renshaw Drive Black Hill 2322
POSTAL: PO Box 2216 Greenhills 2323
PHONE: +61 2 4015 1100
WEBSITE: www.doncoal.com.au
ABN 27 073 022 945

30th April 2019

Manager Planning & Aboriginal Heritage
Office of Environment and Heritage
PO Box 488G
Newcastle NSW 2300

via email: [OEH ROD Hunter Central Coast Mailbox \(rog.hcc@environment.nsw.gov.au\)](mailto:OEH ROD Hunter Central Coast Mailbox (rog.hcc@environment.nsw.gov.au))

Dear Sir/Madam,

Re: Donaldson / Abel Draft Management Plan Submission

Donaldson Coal Pty Limited have recently reviewed a number of environmental management plans for the Donaldson Open Cut Mine and Abel Underground coal mines. Donaldson coal mine ceased mining operations in 2013 and Abel coal mine has been in care and maintenance since 2016, with limited activities now occurring across either site.

Several Management Plans required under both PA 05_0136 (Abel Underground Mine) and DAs 118/698/22 and 98/01173 (Donaldson Open Cut) have been integrated as relevant management actions and mitigation measures are consistent across both projects.

As the risk associated with operational mining has now been minimised, management plans have been updated to reflect the current non-operational status of the sites.

Donaldson Coal are seeking comments from OEH for the following management plans (attached):

- Flora and Fauna Management Plan
- Noise Management Plan
- Tetratheca juncea Management Plan
- Aboriginal Management Plan
- Waste Management Plan
- Rehabilitation Management Plan
- Water Management Plan

We would appreciate the provision of comments and feedback on these management plans by the 31st May 2019 to meet statutory reporting requirements under project approvals.

If you have any questions or would like to discuss these management plans, please don't hesitate to contact the undersigned on 0439 909 952.

Yours sincerely,



Phillip Brown
Environment & Community Relations Superintendent
Donaldson Coal Pty Ltd

Enc: management plans



Phillip Brown

From: Steven Cox <Steven.Cox@environment.nsw.gov.au>
Sent: Thursday, 2 May 2019 2:54 PM
To: Phillip Brown
Cc: Robert Gibson
Subject: RE: Management Plan Review
Attachments: Donaldson Coal - Abel Underground mine and Donaldson Open Cut Coal mine - Management Plan Review.tr5

Hi Phillip,

Thank you for providing OEH with the opportunity to comment on the various Able Underground Mine and Donaldson Open Cut Coal Mine management plans. However, OEH is currently unable to provide comment on the plans.

Please provide copies of the plans to the Department of Planning and Environment without comment from OEH.

Regards
Steven

Steven Cox

Senior Team Leader Planning
Hunter Central Coast Branch
Conservation and Regional Delivery Division
Office of Environment & Heritage

Level 4/26 Honeysuckle Drive Newcastle NSW 2300
Locked Bag 1002 Dangar NSW 2309
T 02 4927 3140
M 0472 800 088

The OEH Hunter Central Coast Branch Planning Team has a group email address: rog.hcc@environment.nsw.gov.au. Please address all further email correspondence in relation to Planning and Aboriginal cultural heritage regulation matters to this address. If appropriate, emails can be marked to the attention of your usual contact in the team.

From: Phillip Brown <Phillip.Brown@yancoal.com.au>
Sent: Tuesday, 30 April 2019 2:27 PM
To: OEH ROD Hunter Central Coast Mailbox <rog.hcc@environment.nsw.gov.au>
Cc: James Benson <James.Benson@yancoal.com.au>
Subject: Management Plan Review

Please find enclosed correspondence relating to the above.

Phillip Brown | ENVIRONMENT & COMMUNITY RELATIONS SUPERINTENDENT

Ashton Coal Operations Pty Ltd
Donaldson Coal Pty Limited

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30th April 2019

Dan Adams
Inspector Environment
Compliance Operations
Resources Regulator
PO Box 344
HRMC NSW 2310

via email: dan.adams@planning.nsw.gov.au
minres.environment@planning.nsw.gov.au

Dear Dan,

Re: Submission of Donaldson / Abel Draft Management Plans

Donaldson Coal Pty Limited have recently reviewed a number of environmental management plans for the Donaldson Open Cut Mine and Abel Underground coal mines. Donaldson coal mine ceased mining operations in 2013 and Abel coal mine has been in care and maintenance since 2016, with limited activities now occurring across either site.

Several Management Plans required under both PA 05_0136 (Abel Underground Mine) and DAs 118/698/22 and 98/01173 (Donaldson Open Cut) have been integrated as relevant management actions and mitigation measures are consistent across both projects.

As the risk associated with operational mining has now been minimised, management plans have been updated to reflect the current non-operational status of the sites.

Donaldson Coal are seeking comments from the Resource Regulator for the following management plans (attached):

- Waste Management Plan
- Rehabilitation Management Plan

We would appreciate the provision of comments and feedback on these management plans by the 31st May 2019 to meet statutory reporting requirements under project approvals.

If you have any questions or would like to discuss these management plans, please don't hesitate to contact the undersigned on 0439 909 952.

Yours sincerely,



Phillip Brown
Environment & Community Relations Superintendent
Donaldson Coal Pty Ltd

Enc: Management Plans

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