

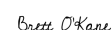


Muswellbrook Coal

MP 30 Environmental Management Strategy

Prepared by	Environmental Superintendent	Signature	 6C399D38E6A94E0D49D0EA10F39F0930 ready2sign	Date:	06/11/2024
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1.0 INTRODUCTION

Muswellbrook Coal Company (MCC) is a wholly owned subsidiary of the Idemitsu Kosan Company Ltd. Group. MCC has a long association with coal mining at Muswellbrook, with underground coal mining commencing in 1907 and open cut operations in 1944. The site is located on Muscle Creek Road, approximately 3 kilometres to the north-east of Muswellbrook.

On September 1, 2003, Development Consent for DA 205/2002 was granted by Muswellbrook Shire Council (MSC) to extend the former MCC No.1 Open Cut. The No.1 Open Cut Extension commenced operations in March 2005 and has a capacity to produce up to 2,000,000 tonnes coal per annum. This approval has subsequently been modified on several occasions with the latest modification granted in 2016 to allow mining in an area known as the “Continuation Project” and to extend the life of the mining operations to 2022. Rehabilitation activities will continue past this date. A modification to the approval was granted on 20 December 2022 to allow the storage, handling and transport of coal to continue until the end of March 2023. An additional modification to the consent was granted on 27 February 2024 to align rehabilitation requirements with updated mining lease conditions and other administrative changes.

Mining activities ceased at MCC in December 2022 with the last coal hauled from site in March 2023. Rehabilitation of the site and completion of mine closure activities are ongoing.


1.1 SCOPE

The Development Consent requires the preparation, approval and implementation of an Environmental Management Strategy (EMS) and subordinate Environmental Management Plans (EMP). This EMS provides the framework for environmental management of MCC's operations and should be read in conjunction with other EMP's. These management plans include:

- Rehabilitation Management Plan,
- Mine Closure Plan,
- Visual Amenity, Lighting and Landscaping Management Plan,
- Fire Management Plan,
- Water Management Plan,
- Air Quality Management Plan,
- Pollution Incident Response Management Plan,
- Spontaneous Combustion Management Plan,
- Blast Management Plan, and
- Noise Management Plan.

This EMS has been prepared in consultation with NSW Department of Planning, Housing and Infrastructure (DPHI), Environmental Protection Authority (EPA), Department of Climate Change, Energy, the Environment and Water (NSW) (DCCEEW) and the Community Consultative Committee (CCC) to the satisfaction of MSC (see **Appendix 1** for copies of correspondence). Copies of the approved strategy have been supplied to DPHI, EPA, Subsidence Advisory, DCCEEW and the CCC, and a copy has been placed

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on MCC's website.

1.2 OBJECTIVES

The objectives of the Environmental Management Strategy are to:

- Outline legislative and statutory requirements,
- Detail the roles, responsibilities and accountabilities of personnel,
- Outline the environmental objectives and performance outcomes,
- Describe environmental and community objectives,
- Identify cumulative impacts,
- Detail the audit and review process, and
- Outline community consultation processes.


2.0 ENVIRONMENTAL OBJECTIVES

Strategies have been developed to effectively manage environmental issues at MCC. These strategies are incorporated into the relevant EMP's for implementation on site.

The general environmental strategies for MCC are:

- Compliance with statutory, legislative and consent conditions that govern operations;
- Minimisation of impacts on the community and environment;
- The timely and efficient response to any environmental incidents and complaints;
- Creation of an economically viable stable landform at the conclusion of operations;
- Rehabilitation of all disturbed land and promotion of habitat re-instatement areas; and
- Continually monitor, review and report on environmental sampling programs.

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3.0 LEGISLATION AND STATUTORY REQUIREMENTS

The relevant approval conditions are shown in **Table 1** along with information on where they are addressed in this plan. Note: government agencies have not been updated in this table and have been left as outlined in the development consent.

Table 1: Statutory Requirements

Approval/ Licence Condition No.	Condition	Section
Development Consent Requirement		
14 (a)	The Applicant must prepare an Environmental Management Strategy, providing a strategic context for the Environmental Management Plans. The Environmental Management Strategy must be prepared following consultation with the DPHI, EPA, DCCEEW and the CCC and be to the satisfaction of Council.	This document
14 (b)	The Environmental Management Strategy must include, but not be limited to:	This document
14 (b) (i)	statutory and other obligations which the Applicant is required to fulfil during mining, including all approvals and consultations and agreements required from authorities and other stakeholders, and key legislation and policies;	3.0
14 (b) (ii)	definition of the role, responsibility, authority, accountability and reporting of personnel relevant to environmental management, including the Environmental Officer;	7.0
14 (b) (iii)	overall environmental management objectives and performance outcomes, during mining and decommissioning of the mine, for each of the key environmental elements for which management plans are required under this consent;	2.0
14 (b) (iv)	identification of cumulative environmental impacts and procedures for dealing with these at each stage of the development;	9.0
14 (b) (v)	steps to be taken to ensure that all approvals, plans, and procedures are being complied with, namely procedures: <ul style="list-style-type: none"> • to receive, handle, respond to and record complaints; • to respond to any non-compliances; and • to respond to emergencies. 	12.0, 14.0
14 (b) (vi)	processes for conflict resolution in relation to the environmental management of the project; and	12.2
14 (b) (vii)	documentation of the results of consultations undertaken in the development of the Environmental Management Strategy.	Appendix 1
14 (c)	The Applicant must make copies of the Environmental Management Strategy available to EPA, DPHI, SA, DCCEEW and the CCC and be placed on the Applicant's website following approval by Council.	1.1

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3.1 OTHER STATUTORY OBLIGATIONS

Whilst the Development Consent establishes criteria that are specific to MCC's operations, there is a range of other legislation, policies, guidelines and standards that apply in a more general context. These other requirements are also incorporated into the development of this EMS and the supporting EMP's. A summary of these other statutory obligations is provided below.

3.1.1 Legislation

The development of the EMS and subordinate EMP's conform to applicable legislation, regulations, planning policies and guidelines. The key documents are:

- Mining Act 1992,
- Mining Regulation 2016,
- Environmental Planning and Assessment Act 1979,
- Protection of the Environment Administration Act 1991,
- Protection of the Environment Operations Act 1997,
- Water Act 1912, and
- Water Management Act 2000.

3.1.2 Local Environmental Plans

The Muswellbrook Local Environmental Plan 2009 (LEP) was consulted during the preparation of the EMS and EMP's.

3.1.3 Applicable Policies and Guidelines for Mining – Resources Regulator Guidelines

Resources Regulator has issued a number of environmental policies and guidelines in relation to the development of coal mines that are applicable to MCC. These include:

- Form and Way: Rehabilitation Management Plan (large mines),
- Form and Way: Annual Rehabilitation Report and Forward Program (large mines),
- Form and Way: Rehabilitation objectives, rehabilitation completion criteria and final landform and rehabilitation plan for large mines,
- Rehabilitation cost estimation tool,
- Rehabilitation cost estimation tool handbook - June 2017, and
- Rehabilitation cost estimate guideline.

3.1.4 NSW Department of Climate Change, Energy, the Environment and Water

DCCEE administers the Aquifer Interference Policy, which is applicable to MCC.

3.1.5 Muswellbrook Shire Council

MSC have a Land Use Development Strategy 2010 (Coal Mining Land Use Strategy) and a Mining Blast Management Policy 2013, which are both applicable to MCC.

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4.0 REFERENCES

- *Environmental Planning and Assessment Act 1979.*
- Development Consent DA 205/2002.

5.0 DEFINITIONS/ACRONYMS

CCC	Community Consultative Committee
DA	Development Application
DCCEEW	Department of Climate Change, Energy, the Environment and Water (NSW)
EPA	Environmental Protection Authority
MCC	Muswellbrook Coal Company Ltd
MSC	Muswellbrook Shire Council
NRAR	NSW Department of Natural Resources Access Regulator
NSW	New South Wales
RR	Resources Regulator
SA	Subsidence Advisory


6.0 SUPPORTING DOCUMENTS

- Development Consent DA 205/2002,
- MP 29 Pollution Incident Response Management Plan,
- MP 31 Air Quality Management Plan,
- MP 32 Blast Management Plan,
- MP 33 Fire Management Plan,
- MP 34 Noise Management Plan.
- MP 35 Rehabilitation Management Plan,
- MP 36 Spontaneous Combustion Management Plan,
- MP 37 Visual Amenity, Lighting and Landscaping Management Plan,
- MP 38 Water Management Plan, and
- MP 39 Mine Closure Plan.

7.0 PERSONNEL WITH ENVIRONMENTAL RESPONSIBILITIES

Responsibility for environmental management at MCC is designated to a number of personnel on site. Under the relevant legislation there are certain roles on site that have statutory responsibility for environmental management whilst other positions are required to satisfy the requirements of conditions of consent and the EMP's. Listed below are the general responsibilities for relevant positions on site. More specific responsibilities relating to environmental management can be found in the respective EMP's.

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7.1 HEAD OF MUSWELLBROOK SITE

The Head of Muswellbrook Site's role within MCC operations is to provide leadership and designate authority to roles within the MCC Business. In relation to environmental management the Head of Muswellbrook Site shall be responsible for:

- Possessing a detailed knowledge of the environmental constraints and obligations that apply to the site,
- Develop a thorough understanding of the environmental management programs that are in place at the site, including this Environmental Management Strategy,
- Provide adequate resources to manage regulatory compliance, and
- Reporting to Idemitsu Australia on any significant environmental incidents.

7.2 ENVIRONMENTAL SUPERINTENDENT

Condition 13 of Development Consent DA205/2002 requires that a suitably qualified or experienced person is available throughout the life of the Development. This role was previously known as the Environmental Officer.

The current suitably qualified or experienced person is the Environmental Superintendent. In accordance with the development consent, the role and responsibility of the Environmental Superintendent is outlined below:

- Be responsible for the preparation of the Environmental Management Plans,
- Be responsible for considering and advising on matters specified in the conditions of consent and compliance with such matters,
- Be responsible for establishing systems to receive and respond to complaints,
- Facilitate an environmental induction and training program for all persons involved with rehabilitation activities, and
- Take reasonable steps to avoid and minimise adverse environmental impacts. The Environmental Officer shall advise the Mine Manager to issue instructions to stop work if a significant adverse impact on the environment is likely to occur.

The name and contact details of the Environmental Superintendent have been provided to the MSC. Any changes to the appointment of the suitably qualified or experienced person, along with their name and contact details, is to be notified to MSC.

7.3 REHABILITATION OPERATIONS MANAGER

The Rehabilitation Operations Manager's role with regard to environmental management includes the following responsibilities:


- Possessing a knowledge of the environmental constraints and obligations to the site,
- Direct and allocate resources and equipment for rehabilitation and environmental remediation works,
- Providing systems to facilitate environmental training including the induction process, and
- Assist in the development and delivery of environmental training packages to site personnel.

7.4 THIESS REHABILITATION

Thiess Rehabilitation's role with regard to environmental management includes the following responsibilities:

- Possessing a knowledge of the environmental constraints and obligations to the site,

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- Direct and allocate resources and equipment for rehabilitation and environmental remediation works,
- Providing systems to facilitate environmental training including the induction process,
- Assist in the development and delivery of environmental training packages to site personnel,
- Undertaking pre-shift inspection of mining operations to identify hazards and potential hazards,
- Investigate complaints and modify operations accordingly, and
- Effectively manage environmental control systems, including dust suppression and surface water management.

7.5 MAINTENANCE SUPERINTENDENT

The Maintenance Superintendent is responsible for maintaining all plant and equipment in an efficient and effective manner. In relation to environmental management the Maintenance Superintendent is responsible for:

- Allocating sufficient resources for the adequate maintenance of plant and equipment, and
- Maintaining MCC plant and equipment to a standard that minimises impact on environmental requirements.

7.6 ALL PERSONNEL

All personnel working at MCC are responsible for:

- Reporting all environmental incidents to their supervisor, and
- Carrying out work duties at all times in an environmentally sensitive and responsible manner.

8.0 INFORMATION AND TRAINING

All workers required to work at the site must undertake the relevant site Induction. This includes information on environmental management at the site.

Training records will be maintained for each worker at the site.


9.0 CUMULATIVE IMPACTS

The Upper Hunter Region has extensive coal resources and a number of mines have been developed in the area. Potential therefore exists for a number of these mines to develop cumulative impacts that need to be identified and managed in a responsible manner. The following section addresses potential areas of cumulative impact and details the procedures to be implemented to manage these impacts.

9.1 WATER

Water has been identified as a potential cumulative issue as the harvesting of surface water or the lowering of groundwater levels by a number of mines may have an overall cumulative impact that reduces the availability of these resources to other users.

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Runoff from the operational areas forms a part of the mine water balance and is not currently discharged offsite. The mine catchments occur mainly in the Sandy Creek and Muscle Creek catchment areas.

Rehabilitation activities at MCC will not significantly affect surface water quality of surrounding lands. Clean water will continue to be segregated from mine water via the maintenance of drains, diversion channels, sedimentation and mine water dams. The continued activities will have negligible impact on local and regional watersheds, so no overall cumulative impact is expected to occur.

There will be a negligible large-scale impact on groundwater levels and aquifers from activities at MCC.

There will be no impact in terms of effects upon the beneficial use of groundwaters or on high-quality alluvial aquifers. There are no registered water bores near MCC that are likely to be impacted. Likewise, there are no substantial alluvial aquifers in the area of the mine. The nearest alluvial lands are located 3km to the west along the Hunter River and are unlikely to be affected by MCC.

Should operations at MCC result in adverse impacts occur on water supply to private landowners, action will be taken in accordance with the Water Management Plan.

9.2 AIR QUALITY

Other operating mines or approved mines nearest to Muswellbrook include Mt Arthur Coal, Bengalla Mine, Mangoola Coal, Mount Pleasant Mine, Maxwell Underground Mine and Dartbrook Mine, which are all further southwest/northwest to MCC (these mines are at various stages of development). Under south easterly wind conditions, these mines will have their lowest impact on Muswellbrook residences when MCC is having its greatest impact. Conversely, nearby mines will have their maximum impact on Muswellbrook residences when winds are from the west to northwest, whilst MCC's operations are having their least impact. Due to the location of the other mines, there will be minimal cumulative impact on other areas, such as Woodlands Ridge, Muscle Creek and McCully's Gap. There have been relatively few, if any, instances where cumulative effects have been experienced as a result of air quality impacts from MCC in conjunction with neighbouring mines. If cumulative effects start to be identified, MCC will work with the other mining operations to manage these cumulative impacts.

9.3 NOISE

Other operating mines or approved mines nearest to Muswellbrook include Mt Arthur Coal, Bengalla Mine, Mangoola Coal, Mount Pleasant Mine, Maxwell Underground Mine and Dartbrook Mine, which are all further southwest/northwest to MCC (these mines are at various stages of development). Under south easterly wind conditions, these mines will have their lowest impact on Muswellbrook residences when MCC is having its greatest impact. Conversely, nearby mines will have their maximum impact on Muswellbrook residences when winds are from the west to northwest, whilst MCC's operations are having their least impact. Due to the location of the other mines, there will be minimal cumulative impact on other areas, such as Woodlands Ridge, Muscle Creek and McCully's Gap. There have been relatively few, if any, instances where cumulative effects have been experienced as a result of noise impacts from MCC in conjunction with neighbouring mines. If cumulative effects start to be identified, MCC will work with the other mining operations to manage these cumulative impacts.

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9.4 VISUAL IMPACTS

MCC will have a negligible cumulative visual impact with other coal mines or industrial developments due distance between operations.

9.5 BLASTING IMPACTS

There are no mines immediately adjacent to MCC. Residents that are closest to MCC are distant from other mining operations in the Muswellbrook district and vice versa. In a similar manner to air quality and noise impacts, it is unlikely that MCC will give rise to cumulative impacts on Muswellbrook residents.

MCC will use best endeavours to liaise with other nearby mines on a regular basis to co-ordinate blasting activities, to minimise the possibility of MCC blasts occurring simultaneously with those initiated by another nearby mine.

9.6 LOSS OF VEGETATION AND HABITAT IMPACT

There will be a localised minor cumulative impact with the temporary loss of vegetation and faunal habitat due to MCC's operations. The planned revegetation of much of the mined land with habitat suitable for fauna will alleviate this impact. The revegetation plan specifically seeks to establish a habitat corridor across the site. More details on this corridor are shown in the Rehabilitation Management Plan.

10.0 AUDIT AND REVIEW PROCESS

The audit and review process will incorporate a range of audits and reviews. The following steps shall be undertaken to manage compliance with all approvals, licences, plans and procedures.

10.1 SITE INSPECTIONS

Regular site inspections are undertaken to assess the environmental performance of the operations. Any actions arising from these inspections are communicated to relevant personnel for rectification and tracked through to completion.

10.2 MONITORING

MCC maintain a comprehensive environmental monitoring program to identify any unauthorised impacts on the environment. Details on the monitoring programs are found in the respective management plans (e.g., noise monitoring in the Noise Management Plan). The results from this monitoring program are reviewed on a regular basis. If the results identify there is an unacceptable environmental impact from MCC's operations, adaptive management processes are put in place to mitigate the environmental impact. Key monitoring results are reported to the community via the website, at Community Consultative Committee meetings and in the Annual Environmental Management Report.

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10.3 INDEPENDENT ENVIRONMENTAL COMPLIANCE AUDIT

In accordance with the Project Approval, every five years (or as otherwise agreed to by MSC) MCC will fund an Independent Environmental Audit that will be performed by an independent third party that has been endorsed by MSC. The audit will include consultation with relevant agencies.

These environmental audits will assess the environmental performance of MCC and compliance against the predictions in the Statement of Environmental Effects, conditions of the Project Approval, mining leases, water licences and Environmental Protection Licence, and review the adequacy of strategies, plans and/or programs and recommend measures or actions to improve the environmental performance of MCC.

11.0 COMMUNITY CONSULTATION

MCC has maintained a close relationship with the Muswellbrook community since mining began in 1907. MCC acknowledges the importance of consulting with landowners and residents in the area. MCC is committed to building strong relationships with the local community by open and transparent communication.

11.1 COMMUNITY CONSULTATIVE COMMITTEE

To further develop the relationship and build upon the partnerships formed within the local community, MCC actively participates in the Community Consultative Committee (CCC). The CCC are provided with regular updates of activities at MCC. The objective of the CCC is to provide an effective communication mechanism to provide members of the local community with adequate information on mining and environmental matters.

11.2 COMMUNITY RELATIONS

Other community relations activities at MCC include:

- Providing a timely and professional response to questions raised by community members in relation to operations,
- Encourage and foster personal contact with those residents living in close proximity to the operations,
- Distribute environmental information to the community through newsletters, the website, community inquiries, the local council, Community Consultative Committee and the Annual Environmental Management Report, and
- Encourage and host site visits of the operations from interested community members.


12.0 COMPLAINT MANAGEMENT AND CONFLICT RESOLUTION

12.1 COMPLAINT MANAGEMENT

MCC operate a free 24-hour Environmental Contact Line, where residents can leave details about an inquiry they may have regarding operations at the site and this message is passed onto site personnel. The Environmental Contact Line number is 1800 600 205 and is advertised regularly throughout the wider Muswellbrook community.

Initial responses to any complaint are provided within 24 hours of the complaint being

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received. As part of the response to any complaint a review of the current mining operations will be undertaken. If required and possible, immediate operational changes will be made to reduce any impact on the community. In some cases, the issues cannot be resolved immediately, and ongoing actions might be required to resolve the issue. All complaints are recorded and maintained for at least four years. The following information is recorded for each complaint.

- a) the date and time of the complaint,
- b) the method by which the complaint was made,
- c) any personal details of the complainant which were provided by the complainant or, if no such details were provided, a note to that effect,
- d) the nature of the complaint,
- e) the action taken by MCC in relation to the complaint, including any follow-up contact with the complainant, and
- f) if no action was taken by MCC, the reasons why no action was taken.

12.2 CONFLICT RESOLUTION

If a dispute arises, MCC will explore all feasible actions that may be possible to resolve the dispute between the parties involved. If the dispute cannot be resolved either party can refer the dispute to MSC who may initiate the Independent Dispute Resolution Process, which forms part of the Conditions of Consent.

13.0 EXTERNAL REPORTING

13.1 ANNUAL ENVIRONMENTAL MANAGEMENT REPORT

An Annual Environmental Management Report (AEMR) is to be prepared and submitted throughout the mining operations and for five years after the completion of mining (or as otherwise agreed by MSC) in accordance with Condition 42 of the Development Consent Conditions.

13.1.1 Annual Compliance Review

A detailed compliance review of the performance of the project against the conditions of the consent and statutory approvals will be completed annually. From this detailed review, a summary of any non-compliances and actions taken to address the non-compliances will be included in the AEMR.


13.2 ENVIRONMENTAL PROTECTION LICENCE ANNUAL RETURN

As a condition of Environmental Protection Licence (EPL) 656, MCC is required to submit an annual report to EPA detailing compliance (or otherwise) with the conditions of the EPL.

14.0 EMERGENCY AND POLLUTION INCIDENT RESPONSE

All environmental emergencies are managed in accordance with MCC's Emergency Management Plan. All pollution incidents are managed in accordance with MCC's Pollution Incident Response Management Plan.

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15.0 REVIEW OF THE ENVIRONMENTAL MANAGEMENT STRATEGY

The Environmental Management Strategy will be reviewed:

- Within 6 months of changes to relevant Development Consent conditions, and
- Following an independent environmental audit which recommends changes to the Environmental Management Strategy.

16.0 ACCOUNTABILITIES

In addition to the responsibilities shown in **Section 7.0, Table 2** outlines the direct responsibilities relating to the EMS.


Table 2: Organisational Responsibilities

Role	Accountability
Head of Muswellbrook Site	<ul style="list-style-type: none"> • Provide adequate resources to implement the requirements of the EMS
Environmental Superintendent	<ul style="list-style-type: none"> • Coordinate reviews of the EMS

17.0 LIST OF APPENDICIES

Appendix 1: Correspondence Regarding Environmental Management Strategy


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18.0 REVISION DETAILS

Revision No.	Date	Reviewed By	Details/Reason for Revision
1	February 2005	MCC Technical Services Department, Carbon Based Environmental	Original Management Plan
2	December 2010	MCC Technical Services Department, Carbon Based Environmental	5 Yearly Review
3	December 2015	MCC Environmental, Technical Services and Production Departments	5 Yearly Review
4	June 2017	MCC Environmental, Technical Services and Production Departments	Update following modification for Continuation Project
5	October 2020	MCC Environmental, Technical Services and Production Departments	3 Yearly Review
6	April 2023	Environmental, Production, Administration and Maintenance Departments	End of mining operations
7	June 2024	Environmental and Production, Departments	Consent Modification 9

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Appendix 1: Correspondence Regarding Environmental Management Strategy



Enquiries
Please ask for Tracy Ward
Direct 02 6549 3700
Our reference CM 24/49964

23 October 2024

Julie Thomas
Environmental Superintendent
Muswellbrook Coal

Dear Ms Thomas,

Muswellbrook Coal Mine Environmental Management Strategy (MP30) – Approval Letter

Reference is made to the 'Muswellbrook Coal Mine Environmental Management Strategy' v7.

Staff have carefully reviewed this document and are satisfied with all aspects proposed.

Staff are pleased to see the Muswellbrook Coal Company's plans to engage ecologists at critical points in the rehabilitation.

Accordingly, Staff approve the 'Muswellbrook Coal Company Environmental Management Strategy v7'.

Please ensure that the approved plan is placed on the project website at the earliest convenience.

Should you need to discuss the above, please contact Tracy Ward (Sustainability Officer) on 02 6549 3700 or email council@muswellbrook.nsw.gov.au.

Yours faithfully



Theresa Folpp
Environmental Planning Officer

Muswellbrook Shire Council	(02) 6549 3700	@ council@muswellbrook.nsw.gov.au
Campbell's Corner 60-62 Bridge Street Muswellbrook NSW 2333	PO Box 122 Muswellbrook 2333	
muswellbrook.nsw.gov.au	muswellbrook shire council	ABN 86 864 180 944

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Environmental Superintendent	7	June 2024	June 2027	October 2024	14

Julie Thomas

From: Julie Thomas
Sent: Monday, 3 June 2024 2:54 PM
To: information@planning.nsw.gov.au
Subject: Muswellbrook Coal - Environmental Management Strategy for Review
Attachments: MP 30 Environmental Management Strategy post consent modification review clean.pdf

Hello

Muswellbrook Coal Company (MCC) has a requirement in our development consent to develop an Environmental Management Strategy (EMS) in consultation with the Department of Planning, Housing and Infrastructure (DPHI). MCC has recently received a modification to our consent, which has triggered a review of this document. The EMS has recently been reviewed and updated. A draft copy is attached for your review and comment.

If there are any comments DPHI would like to make on this plan, please provide them to me by 21st June 2023.

When the plan is approved by MSC, a final version of the plan will be sent to DPHI.

If you have any questions regarding this plan, please let me know.

Regards
Julie

Julie Thomas

Environmental Superintendent

Muswellbrook Coal Company Ltd

📍 Muscle Creek Rd, Muswellbrook NSW 2333
☎ +61 2 6542 2312
☎ +61 427 228 412
✉ julie.thomas@muscoal.com.au
🌐 idemitsu.com.au

Please note my working days are Monday-Thursday.

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No comments have been received from DPHI.

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Environmental Superintendent	7	June 2024	June 2027	October 2024	15

Julie Thomas

From: Julie Thomas
Sent: Monday, 3 June 2024 2:51 PM
To: EPA RSD Hunter Region Mailbox; info@epa.nsw.gov.au
Subject: Muswellbrook Coal - Environmental Management Strategy for Review
Attachments: MP 30 Environmental Management Strategy post consent modification review clean.pdf

Hello

Muswellbrook Coal Company (MCC) has a requirement in our development consent to develop an Environmental Management Strategy (EMS) in consultation with the Environmental Protection Authority (EPA). MCC has recently received a modification to our consent, which has triggered a review of this document. The EMS has recently been reviewed and updated. A draft copy is attached for your review and comment.

If there are any comments the EPA would like to make on this plan, please provide them to me by 21st June 2023.

When the plan is approved by MSC, a final version of the plan will be sent to the EPA.

If you have any questions regarding this plan, please let me know.

Regards
Julie

Julie Thomas

Environmental Superintendent

Muswellbrook Coal Company Ltd


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✉ julie.thomas@muscoal.com.au
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DOC24/432940-1, EF13/3318

Muswellbrook Coal Company Ltd

By email: muswellbrookcoal@idemitsu.com.au

Attention: Ms Julie Thomas

4 June 2024

Dear Ms Thomas,

**ENVIRONMENT PROTECTION LICENCE NO 656 –
UPDATED ENVIRONMENTAL MANAGEMENT STRATEGY**

I refer to your email to the Environment Protection Authority (EPA) received 3 June 2024 inviting comments on the updated Environmental Management Strategy (Strategy) prepared in respect of Muswellbrook Colliery Holding.

The EPA encourages the development of such plans to ensure that proponents and licensees have determined how they will meet their statutory obligations and designated environmental objectives.

The EPA's role, as a regulatory authority, is to administer statutes for environmental management and protection and to set environmental objectives rather than being involved in the development of strategies to achieve those objectives. As such the EPA does not review or comment on such plans.

Accordingly, the EPA has not reviewed and offers no comments on the Strategy.

If you have any further questions about this issue, please contact Freia Johnston on (02) 4908 6872 or email info@epa.nsw.gov.au.

Yours sincerely



HAMISH RUTHERFORD
A/Unit Head – Operations
Environment Protection Authority

Phone 131 555
Phone 02 9995 5555
(from outside NSW)

TTY 133 677, then
ask for 131 155

Locked Bag 5022
PARRAMATTA
NSW 2124

6&8 Parramatta
Square 10 Darcy
Street
PARRAMATTA NSW
2150

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ABN 43 692 285 758

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Julie Thomas

From: Julie Thomas
Sent: Monday, 3 June 2024 2:59 PM
To: water.enquiries@dpie.nsw.gov.au; Environment Line
Subject: Muswellbrook Coal - Environmental Management Strategy for Review
Attachments: MP 30 Environmental Management Strategy post consent modification review clean.pdf

Hello

Muswellbrook Coal Company (MCC) has a requirement in our development consent to develop an Environmental Management Strategy (EMS) in consultation with the Department of Climate Change, Energy, the Environment and Water (DCCEEW). MCC has recently received a modification to our consent, which has triggered a review of this document. The EMS has recently been reviewed and updated. A draft copy is attached for your review and comment.

If there are any comments DCCEEW would like to make on this plan, please provide them to me by 21st June 2024.

When the plan is approved by MSC, a final version of the plan will be sent to DCCEEW.

If you have any questions regarding this plan, please let me know.

Regards
Julie

Julie Thomas

Environmental Superintendent

Muswellbrook Coal Company Ltd


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Environmental Superintendent	7	June 2024	June 2027	October 2024	18

Julie Thomas

From: Louisa Bulley <louisa.bulley@environment.nsw.gov.au>
Sent: Thursday, 27 June 2024 4:30 PM
To: Julie Thomas
Subject: RE: Muswellbrook Coal - Environmental Management Strategy for Review [ref:!00D7F06iTix.!500GA01PW9K0:ref]

[WARNING: This email originated outside of Our Company.DO NOT CLICK links or attachments unless you recognize the sender and know the content is safe.]

Good Afternoon Julie,

Our team at BCS have reviewed the strategy and have no feedback at this time.

Thank you for your enquiry.

Kind regards,
Louisa Bulley
Coordination and Planning Officer
Hunter Central Coast Branch – Regional Delivery
Biodiversity, Conservation & Science
**Department of Climate Change,
Energy, the Environment and Water**

T (02) 4927 3225 **M** 0428 719 543 **E** louisa.bulley@environment.nsw.gov.au
doceew.nsw.gov.au

6 Stewart Ave
Newcastle West 2302
(Locked Bag 1002, Dangar NSW 2309)

From: Environment Line <info@environment.nsw.gov.au>
Sent: Monday, 3 June 2024 3:39 PM
To: OEH ROD Hunter Central Coast Mailbox <huntercentralcoast@environment.nsw.gov.au>
Subject: FW: Muswellbrook Coal - Environmental Management Strategy for Review [ref:!00D7F06iTix.!500GA01PW9K0:ref]

Kind Regards

Barbara
Senior Information Coordinator
Regulatory Practice and Services Division
EPA

Report pollution and environmental incidents 131 555 or +61 2 9995 5555

<https://www.epa.nsw.gov.au/about-us/contact-us/environmentline>
[@NSW_EPA](mailto:www.epa.nsw.gov.au)

The EPA acknowledges the Traditional Custodians of the land, waters and sky where we work.
As part of the world's oldest surviving cultures we pay our respect to Aboriginal Elders past, present and emerging.

I work on Burramattagal Country of the Dharug Nation.

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Environmental Superintendent	7	June 2024	June 2027	October 2024	19

----- Forwarded Message -----

From: Julie Thomas [julie.thomas@muscoal.com.au]

Sent: 03/06/2024 14:58

To: info@environment.nsw.gov.au; water.enquiries@dpie.nsw.gov.au

Subject: Muswellbrook Coal - Environmental Management Strategy for Review

Hello

Muswellbrook Coal Company (MCC) has a requirement in our development consent to develop an Environmental Management Strategy (EMS) in consultation with the Department of Climate Change, Energy, the Environment and Water (DCCEEW). MCC has recently received a modification to our consent, which has triggered a review of this document. The EMS has recently been reviewed and updated. A draft copy is attached for your review and comment.

If there are any comments DCCEEW would like to make on this plan, please provide them to me by 21st June 2024.

When the plan is approved by MSC, a final version of the plan will be sent to DCCEEW.

If you have any questions regarding this plan, please let me know.

Regards

Julie

Julie Thomas

Environmental Superintendent



Muswellbrook Coal Company Ltd

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Environmental Superintendent	7	June 2024	June 2027	October 2024	20

Julie Thomas

From: Julie Thomas
Sent: Thursday, 13 June 2024 10:17 AM
To: Malcolm Ogg; Marilyn Chapman; jlecky@ozemail.com.au; John Madden; Theresa Folpp; rod.scholes@muswellbrook.nsw.gov.au; ceo@wanaruahlandcouncil.com.au; Peter York
Subject: CCC Minutes - 4 June 2024
Attachments: CCC 4 June 2024 Minutes.pdf; MP 30 Environmental Management Strategy post consent modification review clean.pdf

Hi All

Please find attached the CCC minutes from our meeting on 4 June 2024.

Also attached is a copy of the electronic Environmental Management Strategy I handed out at the meeting. If you have any comments regarding this document, please let me know by Friday 21 June.

If you have any questions about any of this information, please let me know.

Regards
Julie

Julie Thomas

Environmental Superintendent

Muswellbrook Coal Company Ltd



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No comments were received from the CCC members.

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