



# MOOLARBEN COAL PROJECT

## SECTION 6

*Draft Statement of  
Commitments*

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## 6 DRAFT STATEMENT OF COMMITMENTS

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### 6.1 Introduction

MCM intend to construct and operate the MCP in an environmentally responsible manner. During the preceding Sections of this EA report, mining impacts have been identified, together with mitigation measures to lessen the impact of the project on the environment.

To ensure that the MCP operates with environmental safeguards in place during its life cycle, MCM are committed to the development and implementation of an Environmental Management System. The Environmental Management System will be supported by a raft of Environmental Management Plans, a Mine Operations Plan, environmental monitoring and reporting of its performance.

### 6.2 Environmental Monitoring

MCM will be required to present results of environmental monitoring to regulatory authorities and the Mid-Western Regional Council. MCM propose to establish comprehensive environmental reporting procedures which includes the principles of operating a mine in an efficient, profitable and environmentally responsible manner.

Prior to the start of mining operations MCM is required to seek a Mining Lease under the Mining Act 1992, and an Environmental Protection Licence (EPL) under the Protection of the Environment Operations Act 1997.

It is a condition of all mining leases that an Annual or Quarterly Environmental Monitoring Report (AEMR or QEMR) is prepared and submitted to the regulatory authorities. The report must specify details of environmental monitoring and management undertaken during the reporting period and be in accordance with the DPI's document "Guidelines to the Mining, Rehabilitation and Environmental Management Process". The report should specify monitoring and management undertaken for items detailed below.

- Air pollution
- Erosion and sediment
- Surface water pollution
- Ground water pollution
- Contaminated polluted land
- Threatened flora
- Threatened fauna
- Weeds
- Blasting
- Operational noise
- Visual, stray light
- Aboriginal heritage
- Natural heritage
- Spontaneous combustion
- Bushfire
- Mine subsidence
- Hydrocarbon contamination
- Methane drainage/ventilation
- Public safety
- Other issues and risks

It is a condition of all EPL's that environmental monitoring is undertaken and reported to the regulatory authorities on an annual basis. The EPL will specify goals and criteria for numerous items, the monitoring undertaken must be reported against this criteria, failure to undertake monitoring or breaching of the conditions of the EPL and set criteria can result in substantial penalties, with legal obligation by the licence holder to rectify environmental degradation caused by breaching the set licence criteria.

### 6.3 Draft Statement of Commitments

**Table 6.1** provides a list of items to be developed, together with associated timing. MCM is committed to operating the MCP in accordance with the requirements of each of the documents.

**Table 6.1: Draft Statement of Commitments**

Item	Commitment	Timing
1. Environmental Assessment.	Carry out the Moolarben Coal Project (MCP) generally in accordance with the project description in the Environmental Assessment dated 2006.	During construction, operation and closure of the coal mine.
2. Appointment of suitably experienced environmental officer.	Moolarben Coal Mines Pty Limited will employ a suitably qualified and experienced environmental officer(s) to be responsible for the environmental management of the MCP.	Prior to project construction and for the duration of operations up until final closure.
3. Environmental Management Strategy.	Prepare and implement an Environmental Management Strategy which will provide a strategic overview of the project and context for Environmental Management Plans for the various stages of the MCP.	Prior to and during construction.
4. Environmental Management Plans Construction.  (i). Construction Erosion and Sedimentation Control Plan (CESCP).	Prepare and implement CESCP which describes the management and monitoring measures to minimise erosion and sediment impacts related to MCP.	Prior to and during construction.

Item	Commitment	Timing
(ii). Construction Flora, Fauna and Aquatic Management Plan (CFFAMP).	Prepare and implement CFFAMP which describes the management and monitoring measures to minimise impacts of the MCP during construction.	Prior to and during construction.
(iii). Construction Traffic Management Plan (CTMP).	Prepare and implement CTMP which describes the management measures to minimise traffic impacts of the MCP during construction.	Prior to and during construction.
(iv). Construction Air Quality Management Plan (CAQMP).	Prepare and implement CAQMP which describes the management measures and monitoring used to minimise air impacts related to MCP activities during construction.	Prior to and during construction.
(v). Construction Noise Management Plan (CNMP).	Prepare and implement CNMP which describes the management measures and monitoring used to minimise noise impacts related to MCP activities during construction.	Prior to and during construction.
(vi). Construction Water Management Plan (CWMP).	Prepare and implement CWMP which describes the management measures and monitoring used to minimise water impacts related to MCP activities during construction.	Prior to and during construction.
(vii). Construction Waste Management Plan.	Prepare and implement Waste Management Plan which describes the management measures used to minimise waste impacts related to MCP activities during construction.	Prior to and during construction.
(viii). Construction Bushfire Management Plan (CBMP).	Prepare and implement CBMP which describes the management measures used to minimise bushfire risks related to MCP activities during construction.	Prior to and during construction.
5. Environmental Management Plans - Operation.		
(i). Land Rehabilitation Management Plan.	Prepare and implement a Land Rehabilitation	Prior to and during construction.

Item	Commitment	Timing
	Management Plan which describes the management measures that will be used to minimise MCP related potential impacts on land resources.	
(ii). Erosion and Sediment Control Plan (ESCP).	Prepare and implement an ESCP which describes the management measures that will be used to minimise erosion and sediment impacts related to the operation of the MCP.	In a progressive manner prior to the development of each component of the MCP involving land disturbance.
(iii). Visual Management Plan.	Prepare and implement a Visual Management Plan which describes the management measures that will be used to minimise MCP related visual impacts.	Prior to and during operations.
(iv). Operational Flora, Fauna and Aquatic Management Plan.	Prepare and implement a flora, fauna and aquatic management plan to monitor the potential impacts of the MCP on flora, fauna and aquatic habitats.	Prior to and during operations.
(v). Weed and Animal Pest Control Plan.	Prepare and implement a Weed and Animal Pest Control Plan which describes the management measures for the control and/or eradication of weed and animal pests.	Prior to and during operations.
(vi). Bushfire Management Plan.	Prepare and implement a Bushfire Management Plan which describes the management measures that will be used to minimise MCP related bushfire impacts.	Prior to and during operations.
(vii). Site Water Management Plan.	Prepare and implement a Site Water Management Plan which describes the management measures that will be used to minimise MCP related impacts to water.	Prior to and during operations.
(viii). Water Supply Borefield Plan.	Prepare and implement a Water Supply Borefield Plan which describes the management of the MCP borefield.	Prior to construction of the MCP borefield.

Item	Commitment	Timing
(ix). Traffic Management Plan.	Prepare and implement a Traffic Management Plan which describes the management measures that will be used to minimise MCP related impacts on traffic.	Prior to and during operations.
(x). Aboriginal Cultural Heritage Management Plan.	Prepare and implement an Aboriginal Cultural Heritage Management Plan which describes the management measures that will be used to minimise MCP related impacts on Aboriginal cultural heritage sites.	Prior to and during operations.
(xi). Spontaneous Combustion Management Plan.	Prepare and implement a Spontaneous Combustion Management Plan which describes the management measures that will be used to minimise spontaneous combustion potential.	Prior to and during operations.
(xii). Blast Management Plan.	Prepare and implement a Blast Management Plan which describes the management measures that will be used to minimise MCP related blasting impacts.	Prior to and during operations.
(xiii). Final Void Management Plan.	Prepare and implement a Final Void Management Plan which describes the management measures that will be used to minimise impacts related to the MCP final voids.	Prior to the completion of mining operations.
(xiv). Mine Closure Plan.	Prepare and implement a Mine Closure Plan which documents the final mine closure process, final rehabilitation works and post-closure maintenance and monitoring requirements appropriate to established completion criteria.	Prior to the completion of mining operations.
(xv). Meteorological Monitoring.	Implement a real time management program to monitor meteorological conditions at the MCP.	Prior to construction and during operations.
(xvi). Air Quality Management Plan.	Monitor the impacts of the MCP on air quality.	Prior to and during operations.

Item	Commitment	Timing
(xvii). Air Quality Monitoring.	Install an additional PM <sub>10</sub> monitor and continue network of dust deposition gauges.	Prior to construction and during operations.
(xviii). Noise Management Plan.	Prepare and implement a noise monitoring programme to monitor the impacts of the MCP on residents of the area.	Prior to and during operations.
(xix). European Heritage.	Undertake archival recordings in accordance with the Heritage Office of New South Wales guidelines for heritage items identified within EL 6288.	Prior to commencement of mining operations.
(xx). Waste Management Plan.	Hold discussions with the families of sites 3 and 4 concerning the possible exhumation of burial sites or modify the layout of Open Cut 2.	Prior to Open Cut 2 mining operations.
(xxi). Subsidence Management Plan.	Prepare and implement a Waste Management Plan which describes the measures that will be used to manage waste generated during the operation of the MCP.	Prior to and during operations.
6. Mine Operations Plan.	Prepare and implement a Subsidence Management Plan which will detail a management framework, practices and procedures to be followed during longwall mining activity at the MCP.	Prior to and during operations.
6. Mine Operations Plan.	Moolarben Coal Mines Pty Limited will prepare and operate the MCP in accordance with an approved Mine Operation Plan.	Prior to commencement of mining.
7. Licences, permits and Approvals.	Moolarben Coal Mines Pty Limited will obtain all necessary licences, permits and approvals for the project and ensure they are kept up to date.	Obtain in advance of each project component.

Item	Commitment	Timing
8. Community facilities contributions.	Enter into a Planning Agreement with the Mid-Western Regional Council and contribute "works in kind" or monetary contribution in accordance with the agreement.	As per Planning Agreement.
9. Roads.	Moolarben Coal Mines Pty Limited will contribute monies towards or undertake road works only to the extent that improvement is required as a consequence of the project on the local road network.	As per Planning Agreement.
10. Ecological Mitigation Strategy.	<p>Dedication of White Box Yellow Box Blakely's Redgum Woodland Endangered Ecological Community at 2:1 ratio to DEC estate.</p> <p>Enter into Voluntary Conservation Agreement to enable habitat links to be created.</p>	Prior to first shipment of product coal from Open Cut 1 and staged with respect to other project milestones such as Open Cuts 2 and 3 and Underground No. 4 mines.
11. Moolarben Coal Project Community Consultative Committee.	Assist in the establishment of a Community Consultative Committee with DOP, DPI and Mid-Western Regional Council.	Within 3 months of approval.
12. Independent Environmental Audits.	MCM will commission and fund the cost of an Independent Environmental Audit of the MCP.	Two years after the commencement of the project.