



WESTERN AUSTRALIA

MINISTER FOR THE ENVIRONMENT

Ass # 906
Bull # 764
State # 380

STATEMENT TO AMEND CONDITIONS APPLYING TO A PROPOSAL
(PURSUANT TO THE PROVISIONS OF SECTION 46 OF THE
ENVIRONMENTAL PROTECTION ACT 1986)

PROPOSAL: EWINGTON OPEN CUT COAL MINE, COLLIE
(501 / 906)

CURRENT PROPONENT: THE GRIFFIN COAL MINING COMPANY PTY
LIMITED

CONDITIONS SET ON: 3 SEPTEMBER 1992

The implementation of this proposal is now subject to the following conditions which replace all previous conditions:

1 Proponent Commitments

The proponent has made a number of environmental management commitments in order to protect the environment.

- 1-1 In implementing the proposal, including the mining operations in the Ewington II open-cut mine, the proponent shall fulfil the commitments made in the Consultative Environmental Review (1991) and in the document "Notice of Intent for: Ewington II Open-Cut Mine" (July 1994), reported on in Environmental Protection Authority Bulletin 764; provided that the commitments are not inconsistent with the conditions or procedures contained in this statement.

A schedule of environmental management commitments (November 1994) which will be audited by the Department of Environmental Protection is attached.

2 Implementation

Changes to the proposal which are not substantial may be carried out with the approval of the Minister for the Environment.

- 2-1 Subject to these conditions, the manner of detailed implementation of the proposal shall conform in substance with that set out in any designs, specifications, plans or other technical material submitted by the proponent to the Environmental Protection Authority with the proposal. Where, in the course of that detailed implementation, the proponent seeks to change those designs, specifications, plans or other technical material in any way that the Minister for the Environment determines is not substantial, on the advice of the Environmental Protection Authority, those changes may be effected.

3 Environmental Management Programme

In order to plan for such a large earthmoving operation with large-scale environmental impacts, an Environmental Management Programme is required.

Published on

3 1 JAN 1995

- 3-1 Prior to the commencement of the mining operation and for each phase of the project, the proponent shall prepare an Environmental Management Programme to plan for and monitor the effects of that phase of the proposal and to provide appropriate management strategies based on the monitoring and modelling results. The Environmental Management Programme shall be consistent with the provisions of Clause 7 of the Collie Coal (Griffin) Agreement Act.

This Programme shall address, but not necessarily be limited to, the management and predictive modelling, monitoring, auditing and reporting requirements of the following issues:

- 1 rare fauna management;
- 2 noise, dust and risk impacts on surrounding residents;
- 3 impacts from the mine dewatering operation;
- 4 impact on the conservation values and area of the State Forest;
- 5 dieback disease management; and
- 6 rehabilitation to an acceptable final land use.

- 3-2 The proponent shall implement the Environmental Management Programme required by condition 3-1.

4 Noise Limits

- 4-1 The proponent shall conduct operations so that noise emissions do not unreasonably impact on the surroundings.

- 4-2 The proponent shall ensure that noise emissions do not exceed:

- 40 dB $L_{A10,1}$ hour slow and 50 dB L_{Amax} slow between 2200 hours and 0700 hours on any day when measured on any noise-sensitive premises;
- 45 dB $L_{A10,1}$ hour slow and 55 dB L_{Amax} slow between 1900 hours and 2200 hours on any day, and between 0700 hours and 1900 hours on Sundays and gazetted public holidays, when measured on any noise-sensitive premises;
- 50 dB $L_{A10,1}$ hour slow and 70 dB L_{Amax} slow between 0700 hours and 1900 hours on Monday to Saturday inclusive, when measured on any noise-sensitive premises; and
- 65 dB L_A slow when measured at or near the boundary of premises that are not noise-sensitive premises (other industries);

where such emissions would result in the noise level present at the affected premises exceeding the ambient noise level present at any time by more than 5 dB L_A slow.

- 4-3 The proponent shall ensure that noise emissions from those activities which are of concern to occupiers of noise-sensitive premises do not exhibit tones, amplitude and frequency modulation, and impulsiveness of a nature which increases the intrusiveness of the noise.

- 4-4 The proponent shall conduct noise surveys and assessments in consultation with the Department of Environmental Protection.

5 Dust Limit

The dust generated by the proposal should be kept within environmentally acceptable limits. Long term dust levels will be determined under Part V of the Environmental Protection Act.

- 5-1 The proponent shall not cause short term dust levels at residential premises surrounding the mine to exceed 1000 micrograms per cubic metre ($\mu\text{g}/\text{m}^3$), measured continuously over 15 minutes.

6 Mine Dewatering Operation

The proponent is responsible for maintaining private groundwater users' water supplies affected by mine dewatering operations.

6-1 The proponent shall prepare a water supply plan, as part of the Environmental Management Programme (required by condition 3), which describes measures to ensure adequate domestic and stock water supplies for any existing private users of the groundwater resource affected by the dewatering operation, to the requirements of the Minister for the Environment on advice of the Department of Environmental Protection and the Water Authority of Western Australia.

6-2 The proponent shall implement the plan required by condition 6-1 to the requirements of the Department of Environmental Protection on advice of the Water Authority of Western Australia.

7 Mine Dewatering Water Disposal

The proponent is responsible for managing the disposal of the water from mine dewatering activities.

7-1 The proponent shall utilise and/or dispose of any water occurring in or collecting on the Mining Lease (including water pumped or drawn from mines) in accordance with a water management plan which will deal with the supply of water to power stations and other utilities and the disposal of water in an acceptable manner.

The development of this plan, which will be consistent with the provisions of relevant State Agreement Acts, is the responsibility of the Water Authority of Western Australia.

8 Decommissioning

8-1 The proponent shall achieve the satisfactory decommissioning of the project, removal of the plant and installations and rehabilitation of the site and its environs.

8-2 At least six months prior to decommissioning, the proponent shall prepare a decommissioning and final rehabilitation plan to achieve the objectives of condition 8-1.

8-3 The proponent shall implement the plan required by condition 8-2.

9 Proponent

These conditions legally apply to the nominated proponent.

9-1 No transfer of ownership, control or management of the project which would give rise to a need for the replacement of the proponent shall take place until the Minister for the Environment has advised the proponent that approval has been given for the nomination of a replacement proponent. Any request for the exercise of that power of the Minister shall be accompanied by a copy of this statement endorsed with an undertaking by the proposed replacement proponent to carry out the project in accordance with the conditions and procedures set out in the statement.

10 Time Limit on Approval

The environmental approval for the proposal is limited.

10-1 If the proponent has not substantially commenced the project within five years of the date of this statement, then the approval to implement the proposal as granted in the statement of 3 September 1992 shall lapse and be void. The Minister for the Environment shall determine any question as to whether the project has been substantially commenced.

Any application to extend the period of five years referred to in this condition shall be made before the expiration of that period, to the Minister for the Environment by way of a request for a change in the condition under Section 46 of the Environmental Protection Act. (On expiration of the five year period, further consideration of the proposal can only occur following a new referral to the Environmental Protection Authority.)

11 Compliance Auditing

In order to ensure that environmental conditions and commitments are met, an audit system is required.

11-1 The proponent, in consultation with the Department of Environmental Protection, shall prepare an Audit Programme, which includes requirements for the preparation of periodic Compliance Reports.

11-2 The proponent shall subsequently implement the Audit Programme required by condition 11-1.

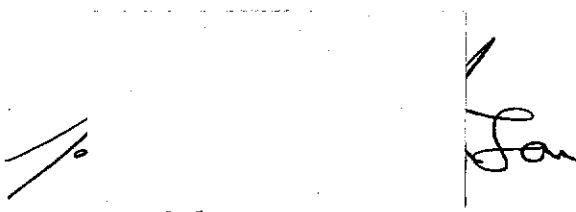
Procedure

1 The Department of Environmental Protection is responsible for verifying compliance with the conditions contained in this statement, with the exception of conditions stating that the proponent shall meet the requirements of either the Minister for the Environment or any other public authority.

2 If the Department of Environmental Protection, other public authority or proponent is in dispute concerning compliance with the conditions contained in this statement, that dispute will be determined by the Minister for the Environment.

Note:

The reporting requirements for these conditions may be effected through the reporting requirements of the State Agreement Act, subject to meeting the timing requirements of the conditions.



Kevin Minson MLA
MINISTER FOR THE ENVIRONMENT

31 JAN 1995

Schedule of Environmental Management Commitments

November 1994

EWINGTON OPEN CUT COAL MINE COLLIE (501/906)

THE GRIFFIN COAL MINING COMPANY PTY LIMITED

The proponent has made the following environmental management commitments which will be audited by the Department of Environmental Protection:

RARE FLORA

- 1 Griffin will conduct a rare flora study for the location and mapping of rare and vulnerable plant populations.
- 2 Where feasible, rare plants which would be removed as part of the mining operations will be transplanted into rehabilitated areas, used as a source of seed for rehabilitation purposes or used as nursery stock.

DIEBACK

- 3 A detailed dieback hazard map of the minesite will be produced and regularly updated.

WEEDS

- 4 Weeds that become established will be controlled by regular site inspection and, where necessary, eradication programmes.

FIRE

- 5 A fire management plan will be developed in conjunction with CALM, the Bush Fires Board and the local Bushfire Brigades.

REHABILITATION

- 6 Rehabilitation to local native species will be undertaken progressively throughout the life of the mine.

FERAL ANIMALS

- 7 The introduction of potential feral species will be prevented by the banning of all pets from the project area.
- 8 Feral fauna will be monitored on a regular basis and appropriate control programmes implemented where necessary, in consultation with the Agriculture Protection Board Pest Control Division and CALM.

SURFACE WATER

- 9 A surface water management plan will be developed, prior to the commencement of mining, in consultation with the appropriate authorities.

GROUND WATER

- 10 Mine water will be managed to meet effluent discharge quality criteria consistent with achieving the water quality objectives defined in the Water Resources Management Strategy for the Collie Coal Basin.
- 11 Monitoring of the various effluent streams will be undertaken in accordance with the programme developed in the management programme and results reported to the appropriate authorities.

NOISE

- 12 Further noise modelling studies will be conducted during detailed mine planning to confirm the potential degree of impact, particularly with regard to potential adverse noise impacts under certain atmospheric conditions.
- 13 A noise monitoring programme will be implemented under a range of operational and meteorological conditions. If monitoring identifies any significant adverse impact on nearby residents, remedial action will be taken to reduce noise emissions. Such action will involve application of engineering expertise to specific problem areas.

DUST

- 14 A comprehensive dust monitoring programme will be implemented, so that any problems may be readily identified and rectified.

PUBLIC CONSULTATION

- 15 Griffin's staff will be available to respond to queries and problems raised by the local community. Every effort will be made to resolve any issues which may arise and records will be kept of all enquiries and complaints to facilitate this.

Attachment 1 to Statement 380

Change to Proposal

Proposal: Ewington Open Cut Coal Mine, Collie

Proponent: The Griffin Coal Mining Company Pty Limited

Change: Disposal of fly ash into both Ewington I and Ewington II mine voids.

Components of approved change to Proposal:

Component	Quantities/Description
Ash (ex Bluewaters Power Stations I and II).	364,000 tpa maximum incorporated into fill placed in mine voids.

tpa = tonnes per annum

Approved under delegation

from the Minister for Environment:

Delegation under section 18 of
the *Environmental Protection Act 1986*

Dated 24 November 2004

S45C Approval Date: _____

7.11.08