



Ass # 829  
Bull # 721  
State # 343

WESTERN AUSTRALIA

**MINISTER FOR THE ENVIRONMENT**

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

PROPOSAL: POSEIDON BOW RIVER ALLUVIAL DIAMOND MINE  
EXPANSION, KIMBERLEY (405/829)  
CURRENT PROPONENT: POSEIDON BOW RIVER DIAMOND MINE LIMITED  
CONDITIONS SET ON: 16 OCTOBER 1990

Conditions 1 and 2 are amended to read as follows:

**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 documented modifications of August 1993), the proponent shall fulfil the relevant environmental management commitments made in documentation on the extension of mining operations on mining leases 80/112 and 80/113 in August 1993, reported on in Environmental Protection Authority Bulletin 721; in the Consultative Environmental Review; and published in Environmental Protection Authority Bulletin 445 as Appendix 1; provided that the commitments are not inconsistent with the conditions or procedures contained in this statement. (A copy of the commitments 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 the conditions in this amended statement, 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, on the advice of the Environmental Protection Authority, is not substantial, those changes may be effected.

The following condition and procedure are inserted following condition 5:

**6 Compliance Auditing**

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

Published on

**23 FEB 1994**

- 6-1 The proponent shall prepare periodic "Progress and Compliance Reports", to help verify the environmental performance of this project, in consultation with the Environmental Protection Authority.

**Procedure**

- 1 The Environmental Protection Authority 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 government agency.
- 2 If the Environmental Protection Authority, other government agency 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.

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Kevin Minson MLA  
MINISTER FOR THE ENVIRONMENT

22 FEB 1994

# **Environmental Management Commitments**

**POSEIDON BOW RIVER ALLUVIAL  
DIAMOND MINE EXPANSION  
KIMBERLEY (405/829)**

**POSEIDON BOW RIVER DIAMOND MINE LIMITED**

# Appendix 1

## Proponent's environmental commitments

Poseidon Bow River Diamond Mine Pty Ltd makes the following specific commitments regarding environmental protection and rehabilitation:

1. Mining will occur only in those areas identified in this report and in the previous NOI.
2. Mining and rehabilitation will be progressive, with topsoil and overburden being used immediately, where possible, to rehabilitate mined-out pits.
3. Erosion control structures including bunds and sediment traps will be constructed along the length of the mining area to ensure that run-on and run-off are kept to a minimum.
4. When mining occurs close to Limestone Creek, special measures, as detailed in Sections 6.3 and 7.10.3 (of the Consultative Environmental Review) will be employed to minimise impacts on the creek.
5. Coarse waste dumps and tailings dams are, and will be, designed so as to minimise erosion and to remain stable in the long term.
6. The occurrence of *Parkinsonia aculeata* will be monitored and appropriate measures taken to control any serious infestations resulting from, or associated with, mining or rehabilitation activities.
7. At the end of the project, all equipment will be removed, all disturbed areas rehabilitated, rubbish removed or buried and the area left clean and tidy to the satisfaction of the EPA and the Mines Department.
8. The proponent intends to comply with all provisions of all relevant acts including the Mines Act and Regulations, and the Environmental Protection Act.
9. It is PBR's intention to set up a photographic monitoring procedure, to appoint a person or agency to provide monitoring reports as required, and to instigate remedial action if necessary.
10. PBR is also prepared to make a commitment that, when mining operations impinge on Limestone Creek, not more than 300m of the creek will be disturbed at any time. Thus, the 'window' of disturbed land will travel along the creek, with restructured land surface left behind. This will ensure that any erosion which did not occur in a rainfall event was localised and, if necessary, more easily controlled.
11. Poseidon Bow River will obtain the approval of the District Mining Engineer, Department of Mines, for the engineering design and rehabilitation of the coarse rejects dump prior to extending the height of the dump beyond 10m.