



WESTERN AUSTRALIA
MINISTER FOR ENVIRONMENT

STATEMENT THAT A PROPOSAL MAY BE IMPLEMENTED (PURSUANT TO THE PROVISIONS OF THE ENVIRONMENTAL PROTECTION ACT 1986)

**SYNTHETIC RUTILE PLANT EXPANSION
NARNGULU INDUSTRIAL ESTATE, GERALDTON**

This proposal may be implemented subject to the following conditions:

1. The proponent shall adhere to the proposal as assessed by the Environmental Protection Authority and shall fulfil the commitments made in the Public Environmental Report and in response to issues raised during the assessment, as amended on 15 December 1989 (copy of amended consolidated commitments attached).
2. The proponent shall manage sulphur dioxide emission levels from the expanded operations of the synthetic rutile plant both by keeping the pollution control equipment in good operational order, and as detailed in the Public Environmental Report, to the satisfaction of the Environmental Protection Authority.
3. The proponent shall manage particulate matter (dust) emission levels from the expanded operation, as detailed in the Public Environmental Report, to the satisfaction of the Environmental Protection Authority.
4. Prior to commissioning of the expanded facility, the proponent shall prepare contingency plans for the waste management facilities, to the satisfaction of the Environmental Protection Authority.
5. Prior to commissioning of the expanded facility, the proponent shall submit, and subsequently implement, an environmental monitoring and management programme to include the bores, pipeworks beneath the ponds, dust, noise and stack emissions, to the satisfaction of the Environmental Protection Authority. This programme shall include, but shall not be limited to the following:
 - (1) water quality parameters - pH, total dissolved salts, iron;
 - (2) baseline sampling prior to commissioning; and
 - (3) details of sampling sites, times and frequency of reporting to the Environmental Protection Authority.

The proponent shall undertake any corrective action necessary in the opinion of the Environmental Protection Authority should monitoring indicate that undesirable effects on the environment are occurring.

6. The proponent shall be responsible for decommissioning the plant and rehabilitating the site and environs of the expanded facility, to the satisfaction of the Environmental Protection Authority. At least six months prior to decommissioning, the proponent shall prepare, for the expanded facility and its site, a decommissioning and rehabilitation plan, to the satisfaction of the Environmental Protection Authority.

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7. Prior to any transfer of ownership of the proposal or other action which would give rise to a need to change the nominated proponent, the proponent shall advise the Minister for Environment so that a new proponent, who shall assume responsibility for the conditions contained in this statement, can be nominated. Any such advice 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.

Bob Pearce, MLA
MINISTER FOR ENVIRONMENT

12 2 DEC 1989

**NARNGULU SYNTHETIC RUTILE PLANT EXPANSION
AMENDED CONSOLIDATED COMMITMENTS**

Waste Treatment

- 1 The proponent commits itself to containing all operational process waters on-site and on a continuous basis, to the satisfaction of the Environmental Protection Authority.
- 2 The proponent commits itself to containment of neutralised effluent in evaporation dams to prevent effects on groundwater, to the satisfaction of the Environmental Protection Authority.

Iron Oxide Disposal

- 3 The proponent commits itself to the disposal of iron oxide in lined dams, to the satisfaction of the Environmental Protection Authority.

Dust Control

- 4 The proponent commits itself to the control of dust emissions at all times, to the satisfaction of the Environmental Protection Authority.

Noise

- 5 The proponent commits itself to controlling operational noise levels such that there is no unacceptable off-site impact, to the satisfaction of the Environmental Protection Authority.

Exhaust Gas Emissions

- 6 The proponent commits itself to controlling gas emissions at all times, to the satisfaction of the Environmental Protection Authority.

Monitoring

- 7 The proponent commits itself to regular monitoring of dams for leakage and to regular monitoring of water bores to ensure that groundwater quality is not affected, to the satisfaction of the Water Authority of WA and the Environmental Protection Authority.
- 8 The proponent commits itself to independent stack monitoring for particulates and gases, to the satisfaction of the Environmental Protection Authority.
- 9 The proponent commits itself to extending the existing radiation monitoring programme to the satisfaction of the Department of Mines.
- 10 The proponent commits itself to extending the monitoring programme for atmospheric contaminants to the satisfaction of the Department of Mines.

Transfer

- 11 Prior to any transfer of ownership of the proposal or other action which would give rise to a need to change the nominated proponent, the proponent will advise the Minister for Environment so that a new proponent can be nominated.