

Ass # 051
Bull # 280
State # 004



MINISTER FOR ENVIRONMENT

18 SEP 1987

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

PROPOSED GALLIUM PLANT AT PINJARRA - RHONE POULENC

This proposal may be implemented subject to the following conditions:

1. Adherence by the proponent to all the commitments given in the Notice of Intent (copy of commitments attached).
2. The liquid effluent to be ponded in sealed evaporation ponds and a groundwater monitoring programme put in place.

The groundwater monitoring programme shall include the monitoring of water levels and salt content both upstream and downstream of the evaporation ponds on a monthly basis.

3. The proponent to submit to the Environmental Protection Authority the results of a major hydrogeological study of the area, following which the need to provide any additional measures to protect the groundwater beneath the ponds will be determined by the Authority.
4. The proponent prepare and submit to the Environmental Protection Authority an annual report on the following environmental management commitments and conditions:
 - . air emissions
 - . groundwater monitoring
 - . solid waste disposal
 - . spills and accidental discharges

from commissioning, for the first five (5) years of operation, whereupon it will be reviewed by the Environmental Protection Authority.

BARRY HODGE MLA
MINISTER FOR ENVIRONMENT

PROPOSED GALLIUM PLANT

LIST OF ENVIRONMENTAL

MANAGEMENT COMMITMENTS

BY PROPONENT

- . All licensing requirements in respect of emissions from the plant (including waste, odour and noise emissions) will be complied with.
- . The proponent is aware of the objects of the Occupational Health, Safety and Welfare Act, 1984, and will fully co-operate with the Occupational Health, Safety and Welfare Commission to ensure that these objects are achieved.
- . Solid process and non-process wastes will be disposed of by on-site burial, in accordance with the requirements of the appropriate statutory authorities.
- . The proponent will construct evaporation ponds appropriate to both the site ground conditions and the pond contents. The results of a hydrogeological study of the plant site will be submitted to the EPA for its consideration, and approval of the design of the ponds and the associated groundwater monitoring system will be sought.
- . Appropriate measures, such as the operation of a sprinkler system, will be implemented in the event that parts of the evaporation ponds become sufficiently dry that dusting becomes a problem.
- . The outer walls of the evaporation ponds will be revegetated as soon as is practicable after construction.
- . Eventual decommissioning of the ponds will include measures to prevent erosion and dust generation.
- . All chemicals and other materials will be stored on site in a manner approved by the appropriate statutory authorities. Where required, liquid storage will be banded to provide emergency containment of any spillage. Spillages within the plant will be either returned to the process or disposed of into the evaporation ponds.
- . Weather proof storage of solid materials will be constructed to ensure that storm water run-off from the plant site will not be contaminated.
- . The proponent will undertake appropriate clean-up procedures in the event of a rupture of the pipelines linking the Pinjarra Alumina Refinery and the Gallium Plant.
- . The visual impact of the plant will be ameliorated by landscaping of the plant site.