



Ass # 535

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State # 181

WESTERN AUSTRALIA
MINISTER FOR THE ENVIRONMENT

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

PROPOSED WET-BLUE TANNERY AT DARKAN (535)

DERAS (AUSTRALIA) PTY LTD

This proposal may be implemented subject to the following conditions:

1. In implementing the proposal, the proponent shall fulfil the commitments (which are not inconsistent with the conditions or procedures contained in this statement) made during the assessment of this proposal. (A copy of the commitments is attached).
2. 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 as part of 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.
3. The proponent shall investigate, to the satisfaction of the Environmental Protection Authority, the recycling of chrome so as to minimise the amount of chrome sludge requiring disposal. The results of the investigation shall be reported to the Environmental Protection Authority within thirty months of the commissioning of the plant. The Environmental Protection Authority will use the results of this investigation to determine appropriate licence conditions for the proposal relating to chrome recycling.
4. The proponent shall carry out all solid waste disposal to the satisfaction of the Environmental Protection Authority and the Health Department of Western Australia.
5. The proponent shall be responsible for ensuring that it does not prohibit the Shire of West Arthur from assuming responsibility for the long term management and monitoring of the site. This condition shall be fulfilled prior to the decommissioning of the plant.
6. The proponent shall establish a formal liaison and social monitoring process with the Shire of West Arthur prior to commissioning the plant, to the satisfaction of the Environmental Protection Authority.
7. The proponent shall be responsible for decommissioning and removal of the plant and installations and rehabilitating the site and its environs, to the satisfaction of the Environmental Protection Authority. At least six months prior to decommissioning, the proponent shall prepare and subsequently implement a decommissioning and rehabilitation plan, to the satisfaction of the Environmental Protection Authority.

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8. 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.
9. 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 this statement 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).

Bob Pearce, MLA
MINISTER FOR THE ENVIRONMENT

10 SEP 1991

PROPOSERS COMMITMENTS

PROPOSED WET-BLUE HIDE TANNERY AT DARKAN (535)

DERAS (AUSTRALIA) PTY LTD

The proponent has made the following environmental commitments:

GENERAL COMMITMENTS

- 1 Deras would adhere to the proposal as assessed by the EPA and would fulfil the commitments made below.
- 2 The tannery would be constructed and operated according to the requirements of all relevant Government statutes and agencies, and to the satisfaction of the EPA.

WASTEWATER MANAGEMENT COMMITMENTS

- 3* Deras would build a fully integrated wastewater treatment and disposal system, which would be designed and installed by a recognised water/wastewater treatment contractor to the satisfaction of the EPA. The system would be operated and monitored by Deras to the satisfaction of the EPA.
- 4 Prior to construction of the wastewater treatment lagoons, Deras would supply details of their exact location and design to the EPA for approval.
- 5* Prior to commissioning the plant, evaporative lagoons would be constructed to dispose of treated wastewater and would be operated subsequently to the satisfaction of the EPA.
- 6* In the event of treatment or holding lagoon leakage causing an environmental impact, as defined by the EPA, Deras would take immediate action to stop the leakage so that the environmental impact was rectified to the satisfaction of the EPA.
- 7 All wastewater treatment lagoons would be constructed to have at least 0.6 m freeboard so as to be able to cope with a 'once in thirty year storm event'.
- 8* Deras would ensure that the water level in the wastewater treatment lagoons was maintained to the satisfaction of the EPA.
- 9* Deras would take immediate remedial action should failure of the wastewater treatment system occur and would carry out such action to the satisfaction of the EPA.
- 10* In order to cope with equipment failure, Deras would keep sufficient spares for immediate repair of the aerators, the electrical system and other key elements of the failed plant. Deras would take steps to construct holding lagoons, to the satisfaction of the EPA and relevant authorities, as quickly as possible.
- 11 Deras would ensure that stormwater runoff from areas adjacent to the lagoons did not, at any time, enter the wastewater treatment lagoon system.

- 12* If, due to some unforeseen circumstances, the disposal of treated wastewater by irrigation did not meet the EPA's requirements, Deras would take action to hold that wastewater until it met EPA's standards for irrigation, and this action would be carried out to the satisfaction of the EPA
- 13* Deras would ensure that any treated wastewater would only be irrigated on to the site if it complied with EPA requirements
- 14 Deras would rectify immediately any unforeseen problems resulting from disposal of wastewater.
- 15* Before Deras irrigated wastewater on to its property, or any other property, it would provide the EPA with a chemical analysis of the treated water and have it approved for irrigation by the EPA. Additionally, Deras would have the area of land to be irrigated approved by the EPA prior to commissioning the plant.

MONITORING

- 16* Prior to construction, Deras would submit and subsequently implement a monitoring programme to the satisfaction of the EPA.

The monitoring programme would include:

- initial baseline sampling period to determine the status quo;
- parameters to be measured;
- sampling sites and times;
- reporting times to the EPA;
- a commitment to modify the environmental management programme, if necessary, to reduce the impact of pollution to the satisfaction of the EPA.

- 17 Deras agrees to establish monitoring and recovery bores at locations satisfactory to the EPA.
- 18* All samples taken in the monitoring programme would be analysed in a laboratory acceptable to the EPA. In the event that the monitoring programme indicated an adverse impact the proponent would introduce additional environmental management controls as necessary, to reduce the impact to a level acceptable by the EPA.

CHROME RECYCLING

- 19 Deras would perform ongoing tests and trials for the suitability and performance of chrome recycling and the use of high absorption chrome compounds during the first 30 months from commissioning. Deras would adopt such technology and include it in its process once it was satisfied the the result showed negligible decrease in finished product quality before this period was up. Deras would submit reports of the results of these investigations every 6 months to inform the EPA of when it will utilise the recycling of chrome in its process.

SOLID WASTE

- 20 Deras would dispose of solid wastes only in a manner satisfactory to the EPA, and would obtain the approval of the EPA for the method of and location for solid waste disposal prior to commissioning the plant.
- 21 Deras agrees to allow the Shire of West Arthur to take responsibility for managing and monitoring a solid waste disposal site on Deras's property for as long as the EPA requires that waste disposal area to be managed and monitored.

- 22* Deras will supply the EPA with a waste disposal method and site for the disposal of evaporated salt and have them approved by the EPA prior to commissioning the plant.

DUST, ODOUR AND NOISE

- 23* Deras would ensure that dust, odour and noise would be controlled at all times to the satisfaction of the EPA
- 24 All machinery with a potential to cause nuisance noise levels would be enclosed to ensure that noise levels were satisfactory to the EPA.

OTHER COMMITMENTS

- 25 Deras would control insects and weeds around the wastewater treatment system (including the lagoons and any sludge drying facilities or temporary stock holding areas) to the satisfaction of the EPA
- 26 Three months before commissioning the plant, Deras would submit a landscaping plan (tree planting) to the EPA for approval, to ensure the amenity of the area was retained
- 27* Deras would modify its pollution control operations, if it could not meet its licence conditions, so that environmental impacts were reduced to a level acceptable to the EPA.
- 28 Deras would be responsible for decommissioning the plant and rehabilitating the site and environs to the satisfaction of the EPA.
- 29 Deras would, at least six months prior to decommissioning, prepare a decommissioning and rehabilitation plan to the satisfaction of the EPA.
- 30 Deras would not transfer ownership, control or management of the project, without consulting the EPA and the Minister for the Environment.

Note: * denotes those commitments that can be administered under Part V of the Environmental Protection Act, 1986. The remainder may be implemented via Ministerial Conditions.