



MINISTER FOR THE ENVIRONMENT WESTER

Ass # 935

Bull # 808

State # 408

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

EXPORT ABATTOIR, LOCATION 5216 & LOT 4 OF LOCATION 5215, SETTLEMENT
ROAD, NARRIKUP, SHIRE OF PLANTAGENET (935)

BENALE PTY LTD

This proposal may be implemented subject to the following 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, the proponent shall fulfil the commitments made in the Consultative Environmental Review and in response to issues raised following public submissions; provided that the commitments are not inconsistent with the conditions or procedures contained in this statement.

The Department of Environmental Protection will audit the implementation of the proponent's environmental management commitments which were published in Environmental Protection Authority Bulletin 808, Appendix 4, as modified on 14 March 1996 (A copy 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.
- 2-2 Where, in the course of the detailed implementation referred to in condition 2-1, the proponent seeks to change the designs, specifications, plans or other technical material submitted to the Environmental Protection Authority 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.

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3 Proponent

These conditions legally apply to the nominated proponent.

- 3-1 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.

4 Environmental Management Programme

For sound environmental management, a comprehensive Environmental Management Programme is required.

- 4-1 Prior to commissioning, the proponent shall prepare an Environmental Management Programme to the requirements of the Environmental Protection Authority on advice of the Department of Environmental Protection.

This Programme shall address, but not be limited to the following:

Protection of groundwater

- 1 investigations to demonstrate that sufficient groundwater of adequate quality is available so that salinity and groundwater drawdown management objectives can be met;
- 2 impacts on the water table and groundwater; and
- 3 contingency planning in the event of there being unacceptable impacts.

Wastewater

- 4 an irrigation management plan which when implemented,
 - allows nutrient uptake in plants and phosphorus retention in amended soil, but not salt build up in the soil; and
 - balances the requirements for leaching to prevent salt build-up in the soil but not to transfer nutrients to groundwater;
- 5 impacts on irrigated pastures and woodlots, soil conditions, and water quality in Mill Brook (eg from nutrients and salinity);
- 6 a contingency plan in the event of there being unacceptable impacts on the water quality of Mill Brook, pastures and woodlots and soil conditions;
- 7 phosphorus retention capacity of the amended soils (Monitoring programme to be reviewed at five yearly intervals); and
- 8 a contingency plan to ensure adequate retention of phosphorus.

Solid waste

- 9 an inventory of the nature and quantities of solid wastes generated, recycled, or converted to other materials;
- 10 waste disposal approvals obtained from local government authorities and relevant government agencies;
- 11 the locations and technical designs of waste disposal sites; and
- 12 a contingency plan in the event that solid wastes cannot be rendered on site.

Noise

- 13 noise emissions at the abattoir;
- 14 process design, and management measures for noise control; and
- 15 a contingency plan in the event of there being unacceptable impacts on nearby noise-sensitive premises.

Odours

- 16 process design and management measures for odour control with particular attention to the rendering and wastewater treatment plants; and
- 17 a contingency plan in the event of there being unacceptable impacts on nearby odour-sensitive premises.

Performance audit

- 18 annual performance audit of the environmental objectives, and allowance for continuous improvement as new operational procedures and knowledge are developed.

- 4-2 The proponent shall implement the Environmental Management Programme required by condition 4-1.

5 Export of Nutrients and Salinity

- 5-1 During the operation of the abattoir, the proponent shall ensure that no net export of nutrients via surface or groundwater occurs at the property boundary, and that there is adequate monitoring and control to meet this objective.
- 5-2 During the operation of the abattoir, the proponent shall ensure that no net export of salts via surface waters occurs at the property boundary, and that there is adequate monitoring and control to meet this objective.

6 Decommissioning

- 6-1 The proponent shall carry out the satisfactory decommissioning of the project, removal of installations and rehabilitation of the site and its environs.
- 6-2 To achieve the objectives of condition 6-1, at least six months prior to decommissioning, the proponent shall prepare a decommissioning and rehabilitation plan.
- 6-3 The proponent shall implement the plan required by condition 6-2.

7 Time Limit on Approval

The environmental approval for the proposal is limited.

- 7-1 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 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.

Where the proponent demonstrates to the requirements of the Minister for the Environment on advice of the Department of Environmental Protection that the environmental parameters of the proposal have not changed significantly, then the Minister may grant an extension not exceeding five years.

8 Performance Review

- 8-1 Each year following the commencement of construction, the proponent shall prepare an audit of the performance of the Environmental Management Programme referred to in condition 4-1, and in particular, the audit shall show rectification and improvement measures where required.

The annual audit shall be presented to the Department of Environmental Protection acting on behalf of the Environmental Protection Authority.

8-2 Each five years following the commencement of construction, the proponent shall prepare a major review of the following:

- 1 environmental protection, including but not limited to consideration of the environmental objectives;
- 2 the audit of performance against these objectives; and
- 3 the audit of the performance of the Environmental Management Programme referred to in condition 4-1;

to the requirements of the Environmental Protection Authority on advice of the Department of Environmental Protection.

These environmental objectives shall include but not be limited to those identified by the Environmental Protection Authority in the assessment report (Environmental Protection Authority Bulletin 808) and account for operating experience and new knowledge.

The environmental objectives may be changed by the Environmental Protection Authority following the review.

9 Compliance Auditing

To help determine environmental performance, periodic reports on progress in implementation of the proposal are required.

- 9-1 The proponent shall submit periodic Progress and Compliance Reports, in accordance with an audit programme prepared by the Department of Environmental Protection in consultation with the proponent.

Procedure

- 1 Unless otherwise specified, the Department of Environmental Protection is responsible for assessing compliance with the conditions contained in this statement and for issuing formal clearance of conditions.
- 2 Where compliance with any condition is in dispute, the matter will be determined by the Minister for the Environment.
- 3 The Environmental Protection Authority will undertake a detailed review of the proposal and the results of the Environmental Management Programme referred to in condition 4-1 after the first five years following commencement of construction.
- 4 Prior to undertaking any widening of roads for abattoir transport, Main Roads Western Australia will carry out a vegetation survey of the road reserve to determine the potential impacts on rare and endangered species protected by the Wildlife Conservation Act, to the requirements of the Environmental Protection Authority on advice of the Department of Conservation and Land Management.
- 5 Prior to undertaking any widening of roads for abattoir transport, Main Roads Western Australia will provide information from the vegetation survey referred to in procedure 4 to the Environmental Protection Authority, the Shire of Plantagenet, the National Parks and Nature Conservation Authority, the Department of Conservation and Land Management and other relevant government agencies and local authorities.
- 6 Prior to undertaking any widening of roads for abattoir transport, Main Roads Western Australia will manage the impacts on rare and endangered species in a manner that is consistent with the findings of the vegetation survey of the road reserve referred to in

procedure 4, to the requirements of the Environmental Protection Authority on advice of the Department of Conservation and Land Management.

Note

The proponent is required to apply for a Works Approval and Licence for this project under the provisions of Part V of the Environmental Protection Act.

Hon. Peter Foss QC MLC
MINISTER FOR THE ENVIRONMENT

15 MAR 1996

**PROPONENT'S CONSOLIDATED
ENVIRONMENTAL MANAGEMENT
COMMITMENTS**

14 March 1996

**EXPORT ABATTOIR, LOCATION 5216 & LOT 4 OF
LOCATION 5215, SETTLEMENT ROAD, NARRIKUP
SHIRE OF PLANTAGENET (935)**

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The proponent has made the following environmental management commitments:

- 1 The proponent will ensure that the Narrikup Export Abattoir is designed and constructed in accordance with the descriptions provided in the CER. (Timing - prior to and during construction).
- 2 The proponent will submit detailed designs and specifications for wastewater treatment and disposal to the Department of Environmental Protection and/or other relevant government agencies for approval. (Timing - prior to construction).
- 3 The proponent will ensure that the construction and operation of the Narrikup Export Abattoir conforms with environmental conditions and regulations as determined by the Minister for the Environment. (Timing - prior to construction and during the life of the project).
- 4 The proponent will undertake further groundwater studies to determine potential impacts on the water table and groundwater quality prior to construction. (Timing - prior to construction).
- 5 The proponent will continue to liaise with local communities, local authorities and government agencies to provide information about the Narrikup Export Abattoir. (Timing - prior to construction and during the life of the project).
- 6 The proponent will ensure that dust emissions generated at the abattoir site during the construction and operation phases will comply with relevant EPA/Department of Environmental Protection dust guidelines. (Timing - during construction and during the life of the project).
- 7 The proponent will implement dust control measures to minimise dust emissions from stock holding areas. (Timing - during the life of the project).
- 8 The proponent will maintain the vegetation and soil structure of the irrigated pastures and woodlots to ensure optimum nutrient uptake. (Timing - during the life of the project).
- 9 The proponent will undertake to remove the red mud gypsum (RMG) amended soil layer and replace it with a new layer of RMG when monitoring of the RMS amended soils shows that the phosphorus storage capacity is depleted to 90%. (Timing - during the life of the project).
- 10 The proponent will undertake background monitoring prior to operation of the abattoir to determine baseline conditions for groundwater quantity and quality, Mill Brook, soil, and wind conditions. (Timing - prior to operation).
- 11 The proponent will implement an environmental monitoring programme as described in the CER in order to provide information relating to noise levels, odour, soil conditions, and the quality of groundwater, treated wastewater, and water in Mill Brook. The monitoring programme will be implemented in consultation with the Department of Agriculture and the Albany Waterways Management Authority and the results will be provided to these authorities, the Shire of Plantagenet and to the Department of Environmental Protection and will be made available to the public. (Timing - throughout the life of the project).
- 12 In the unlikely event that the environmental monitoring programme indicates the Narrikup Export Abattoir may be contributing significant nutrients to groundwater or to Mill Brook, the proponent will undertake specific studies to determine the cause and will take whatever corrective action is necessary to remedy the situation. (Timing - throughout the life of the project).

- 13 The proponent will comply with all relevant codes and guidelines for stock holding rates in stock holding areas. (Timing - during the life of the project).
- 14 The proponent will ensure that the design of the rendering plant complies with the Environmental Code of Practice for Rendering Plants (1991) published by the EPA. The detailed design of the plant and operating procedures will be supplied to the Department of Environmental Protection for their approval. (Timing - prior to construction).
- 15 The proponent will prepare a noise assessment as part of the detailed design of the Narrikup Export Abattoir in order to confirm that the total noise emission does not exceed a total sound power level of 110dB(A) and that no tonal characteristics exist. The results of this noise assessment will be provided to the Department of Environmental Protection for their approval. (Timing - prior to construction).
- 16 The proponent will ensure that run-off from carparks will be collected and treated. (Timing - during the life of the project).
- 17 The proponent will ensure that remnant vegetation at the site is protected. If any vegetation needs to be removed, approval from the Department of Environmental Protection and/or other relevant government agencies will be sought. (Timing - throughout the life of the project).
- 18 The proponent will consult with the community, local government, and the Main Roads Department in order to address road traffic issues. (Timing - throughout the life of the project).
- 19 The proponent will prevent run-off from the site via cut-off/swale drains which will divert any run-off to the holding dam or the maturation pond. (Timing - throughout the life of the project).
- 20 The proponent will ensure that all solid waste from the Narrikup Export Abattoir is either converted to a useful product such as fertiliser or that it is disposed of in an approved manner. (Timing - throughout the life of the project).
- 21 The proponent will provide shrouding for lights or other means of light attenuation if any bright lights at the Narrikup Export Abattoir are prominently visible from nearby residences or roads. (Timing - throughout the life of the project).
- 22 The proponent will ensure that the wastewater treatment ponds are designed and operated in accordance with the principles described in the CER in order to ensure that the potential for odour generation is minimised. The company will also implement regular checks at the site boundary during light wind conditions to determine whether odour is detectable. The results of these tests will be documented and provided to the Shire of Plantagenet and the Department of Environmental Protection. (Timing - before construction and during the life of the project).
- 23 The proponent will submit detailed decommissioning plans prior to cessation of plant operations. (Timing - prior to decommissioning).
- 24 The proponent will circulate the draft of the EMP to all agencies, regulators, groups and individuals who made submissions to the DEP on the Narrikup Export Abattoir CER. Comments on the draft will be sought over a two week period and the EMP will then be revised to incorporate these comments where appropriate. Copies of any comments received will also be included in the final EMP and it will be submitted to the EPA.