



MINISTER FOR THE ENVIRONMENT;
EMPLOYMENT AND TRAINING

Ass # 1044

Bull # 839

State # 447

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

HORTICULTURAL DEVELOPMENT ON 200 HECTARES OF LAND
SUSSEX LOCATION 4158, GOVERNOR BROOME ROAD
SHIRE OF AUGUSTA-MARGARET RIVER (1044)

P C & J M HORNE

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. In the event of any inconsistency, the conditions and procedures shall prevail to the extent of the inconsistency.

The environmental management commitments are consolidated in Table 1 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 Property Management Plan

- 4-1 To manage nutrients, pesticides, irrigation and drainage, prior to planting horticultural crops, the proponent shall prepare a property management plan containing environmental management procedures and commitments, to the requirements of the Department of Environmental Protection on advice of Agriculture Western Australia and the Water and Rivers Commission.

- 4-2 The proponent shall implement the property management plan required by condition 4-1.

5 Monitoring Programme

- 5-1 Prior to planting horticultural crops, the proponent shall prepare a monitoring programme to the requirements of the Department of Environmental Protection on advice of the Water and Rivers Commission and Agriculture Western Australia.

This programme shall include, but not be limited to the following:

- 1 the recording of fertilizers and pesticides applied on the property; and
- 2 the monitoring of nutrients in the surface and groundwater flowing from Sussex Location 4158.

- 5-2 The proponent shall implement the monitoring programme required by condition 5-1.

- 5-3 Within five years following commencement of the development, the proponent shall review the monitoring programme required by condition 5-1.

6 Time Limit on Approval

The environmental approval for the proposal is limited.

- 6-1 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.

7 Compliance Auditing

To help determine environmental performance and compliance with the conditions, periodic reports on the implementation of the proposal are required.

- 7-1 The proponent shall submit periodic Performance 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.

Note

- 1 The Environmental Protection Authority reported on the proposal in Environmental Protection Authority Bulletin 839 (December 1996).

CHERYL EDWARDES (Mrs) MLA
MINISTER FOR THE ENVIRONMENT

20 MAY 1997

Proponent's Environmental Management Commitments

December 1996

**HORTICULTURAL DEVELOPMENT ON 200 HECTARES
OF LAND, SUSSEX LOCATION 4158
GOVERNOR BROOME ROAD
SHIRE OF AUGUSTA-MARGARET RIVER (1044)**

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FACTORS	OBJECTIVES	No	COMMITMENTS	WHEN	BY WHOM	To whose satisfaction
1. Surface and Ground Water Quality	•To maintain or improve the quality of surface water to ensure existing and potential uses, including ecosystem maintenance, are protected.	1	Surface water Prepare detailed contour mapping to design earthworks for managing surface water movement.	•February 1997	•proponent	•DEP, WRC & AgWA
		2	•Establish and fence the nutrient stripping areas identified on the farm plan.	•April 1997	•proponent	•DEP, WRC & AgWA
		3	•Sedges will be established in the outer 10 metres of the fenced nutrient stripping areas.	•April 1997	•proponent	•AgWA
		4	•Construct bunds and shallow drains on the north eastern and eastern boundaries of Location 4158 to redirect surface water flow around the pivot sites during major storm events in accordance with the farm plan.	•April 1998	•proponent	•DEP, WRC & AgWA
		5	•Redirect and modify drainage lines on Location 4158 so that they have shallow wide profiles.	•April 1998	•proponent	•AgWA
		6	•Vegetation will be retained in drainage lines at all times.	•for the life of the proposal	•proponent	•DEP, AgWA & WRC
		7	•Construct earthworks that will retain storm events, of up to 120mm within 3 to 4 hours, to reduce the quantity and rate of surface water flow off Location 4158.	•April 1997	•proponent	•DEP, AgWA & WRC
		8	•Construct earthworks that will retain storm events on site for a period of 24 hours during planting and harvesting.	•April 1998	•proponent	•DEP, AgWA & WRC
		9	•Collect data on nutrient flow from the pivot sites, and make this available to the EPA annually for 5 years.	•December each year until 2001.	•proponent	•DEP, WRC & AgWA
		10	•Establish a complete pasture of mixed grasses and clovers on the pivot sites immediately after harvest.	•for the life of the proposal	•proponent	•DEP, AgWA & WRC

Table 1 Proponent Commitments

FACTORS	OBJECTIVES	No	COMMITMENTS	WHEN	BY WHOM	To whose satisfaction
1.Surface and Ground Water Quality (continued)		11	•Continue the existing monitoring sites that have regional significance.	•3 years	•AgWA & proponent	•DEP, AgWA & WRC
		12	Groundwater •Conduct a detailed soil analysis to clarify the risk of soluble phosphorus loss in groundwater.	•February 1997	•proponent	•AgWA
		13	•Establish 20-30 hectares of bluegums or an equivalent deep rooted woody perennial on the property in accordance with the farm plan.	•October 1997	•proponent	•CALM, AgWA & DEP
		14	•Immediately after harvest of the timber a deep rooted woody perennial must be re-established.	•for the life of the proposal	•proponent	•CALM, AgWA & DEP
		15	•Manage irrigation with the aid of electronic soil moisture probes to minimize water movement beyond the root zone.	•for the life of the proposal	•proponent	•AgWA
2.Scott River and Hardy Inlet	•To maintain or improve water quality to ensure existing and potential uses, including ecosystem maintenance are protected.					
3.Nutrients	•Ensure that horticulture does not result in unacceptable export of nutrients off-site.	16	•Prepare a detailed property management plan, which is to include the proponent's commitments.	•April 1997.	•proponent	•DEP, WRC & AgWA
		17	•Comply with the <i>Environmental Best Management Practices for Horticulture on the Scott Coastal Plain</i> .	•for the life of the proposal	•proponent	•DEP, WRC & AgWA
		18	•Manage and monitor fertilizer use to ensure lowest possible rates and most effective delivery mechanisms.	•for the life of the proposal.	•proponent	•AgWA
		19	•Test soils to determine fertilizer application rates.	•annually prior to seeding	•proponent	•DEP, WRC & AgWA

Table 1 Proponent Commitments

FACTORS	OBJECTIVES	No	COMMITMENTS	WHEN	BY WHOM	To whose satisfaction
4. Pesticides	Ensure that horticulture does not result in unacceptable export of pesticides.	20	•Ensure that all pesticides are applied within label specifications.	•for the life of the proposal	•proponent	•AgWA
		21	•Ensure that pesticides are not applied to sites during the wet season.	•for the life of the proposal	•proponent	•AgWA
		22	•Manage and monitor pesticide use to ensure lowest possible rates and most effective delivery mechanisms.	•for the life of the proposal	•proponent	•AgWA
5. Remnant vegetation	•To ensure maintenance of adequate representation of native vegetation associations. •To ensure that clearing of native vegetation does not result in the loss of any rare plant communities and rare flora and fauna.					

Table 1 Proponent Commitments