



WESTERN AUSTRALIA

MINISTER FOR THE ENVIRONMENT

Ass # 847

Bull # 751

State # 375

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

**CHANGE TO YALGORUP NATIONAL PARK BOUNDARY
EXTENSION TO WASTEWATER TREATMENT PLANT SITE
SEPTAGE DISPOSAL FACILITY AND QUARRY
TIM'S THICKET, CITY OF MANDURAH (847)**

**DEPARTMENT OF CONSERVATION & LAND MANAGEMENT
WATER AUTHORITY OF WESTERN AUSTRALIA
CITY OF MANDURAH**

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. These commitments are included in Environmental Protection Authority Bulletin 751 as Appendix 4. (A copy of the commitments 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. 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 Yalgorup National Park

- 3-1 The proponent shall implement the change to the boundary of Yalgorup National Park as proposed by the Department of Conservation and Land Management in the Consultative Environmental Review and included in Figure 2 of Environmental Protection Authority Bulletin 751. (A copy of Figure 2 is attached).

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4 Wastewater Treatment Plant

The proponent is responsible for ensuring that the wastewater treatment plant does not cause unacceptable impacts on the surrounding environment.

- 4-1 The proponent shall establish a secure buffer around the wastewater treatment plant, ensuring that the nearest residence is not closer than 500 metres.
- 4-2 Prior to commissioning, the proponent shall plant trees around the wastewater treatment plant to minimise the visual impact of the plant.

5 Septage Disposal Site

- 5-1 The proponent shall connect the septage disposal facility to the Water Authority of Western Australia's wastewater treatment plant when the latter plant is of sufficient capacity and operational. The timing of this connection shall be to the requirements of the Minister for the Environment on advice of the Department of Environmental Protection and the Water Authority of Western Australia.

6 Quarry

- 6-1 Prior to the commencement of quarry operations, the proponent shall provide additional details of the quarry management and rehabilitation plans to the Department of Environmental Protection. These plans shall also address the need for additional management requirements.
- 6-2 The proponent shall implement the quarry management and rehabilitation plans required by condition 6-1.
- 6-3 The proponent shall only permit inert waste to be used as backfill for the limestone quarry which complies with specifications set by the Minister for the Environment on advice of the Department of Environmental Protection.

7 Proponent

These conditions legally apply to the nominated proponent.

- 7-1 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.

8 Time Limit on Approval

The environmental approval for the proposal is limited.

- 8-1 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 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.)

9 Compliance Auditing

In order to ensure that environmental conditions and commitments are met, an audit system is required.

- 9-1 The proponent, in consultation with the Department of Environmental Protection, shall prepare an Audit Programme, which includes requirements for the preparation of periodic Compliance Reports.
- 9-2 The proponent shall subsequently implement the Audit Programme required by condition 9-1.

Procedure

- 1 The Department of Environmental Protection is responsible for verifying compliance with the conditions contained in this statement, with the exception of conditions stating that the proponent shall meet the requirements of either the Minister for the Environment or any other government agency.
- 2 If the Department of Environmental Protection, other government agency or proponent is in dispute concerning compliance with the conditions contained in this statement, that dispute will be determined by the Minister for the Environment.

Kevin Minson MLA
MINISTER FOR THE ENVIRONMENT

28 NOV 1994

Note:

The Water Authority of Western Australia and the City of Mandurah are required to apply for Works Approvals and Licences under the provisions of Part V of the Environmental Protection Act, for the construction and operation of the wastewater (domestic and septage) treatment plants.

Proponent's Environmental Management Commitments

**CHANGE TO YALGORUP NATIONAL PARK BOUNDARY
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**DEPARTMENT OF CONSERVATION & LAND MANAGEMENT
WATER AUTHORITY OF WESTERN AUSTRALIA
CITY OF MANDURAH**

Proponents' Commitments

The following commitments are made by the City of Mandurah and the Department of Conservation and Land Management following review of public submissions. The Water Authority will independently seek clearance for development of a regional Wastewater Treatment Plant once a construction timetable has been finalised.

1.0 General

- 1.1 CALM, in association with the City of Mandurah, will formulate and implement a dune restoration and a road rationalisation strategy following incorporation of the new coastal area (Pt. Reserve 24198) into the National Park. This will occur within 12 months of the land exchange being formalised.
- 1.2 The coastal reserve which will be included in the National Park will be managed by CALM under the goals, objectives and recommendations made in the 1993 Draft Management Plan for Yalgorup National Park.
- 1.3 The City of Mandurah, in consultation with CALM and the NPNCA, will develop within 2 years of the land exchange being formalised, a management plan consistent with the management of Yalgorup National Park which encompasses the area of land excised from the National Park (which is not required for the Limestone Quarry, Wastewater Treatment Plant, and Septage Disposal Facility), the balance of Reserve 24198 and Reserve 33139. This will address public access to the beach and foreshore area and will incorporate details on rehabilitation of degraded dune areas and make specific commitments regarding the ongoing management of these areas.
- 1.4 The City of Mandurah will hold discussions with Main Roads to evaluate options for realigning Tim's Thicket Road, the application of a hot mix road surface to further reduce noise and possible road and intersection upgrading.
- 1.5 The City of Mandurah will investigate options available for the reuse of sludge originating from the Septage Disposal Facility.
- 1.6 Through appropriate amendment to the Town Planning Scheme, the City of Mandurah will retain a 500m buffer around the Septage Disposal Facility to prevent urban encroachment.

2.0 Prior to Site Development

- 2.1 A conceptual plan for development of the quarry will be prepared by the City of Mandurah and submitted to CALM and the Department of Environmental Protection for approval. This will also address the issue of dieback management during site development consistent with CALM requirements.

- 2.2 A quarry rehabilitation plan will be prepared by the City of Mandurah and submitted to CALM and the Department of Environmental Protection for approval.
- 2.3 CALM will undertake further assessment of the likely occurrence on the quarry site of fauna requiring special attention. The City of Mandurah will follow the advice of CALM of the management implications should such fauna be located.
- 2.4 A monitoring programme for the Septage Disposal Facility will be finalised in consultation with the Department of Environmental Protection and the results will be available for review by the Department. This programme will be initiated prior to site development. The City of Mandurah will also undertake to regularly monitor the quality and quantity of effluent discharged from the facility.
- 2.5 The City of Mandurah will install monitoring bores north, west and east of the Septage Disposal Facility and these will be monitored consistent with the programme to be developed in 2.4 above. The results will be available for review by the Department of Environmental Protection.
- 2.6 The City of Mandurah will submit the final design of the Septage Disposal Facility to the Water Authority for approval. Design details will include access roads, fencing, water supply and fuel storage.

3.3 During Operations

- 3.1 An appropriate vegetation buffer and screening bund will be maintained by the City of Mandurah between Tim's Thicket Road and the Septage Disposal site and quarry to the satisfaction of CALM.
- 3.2 The City of Mandurah will initiate odour control measures should odour occur as a result of the Septage Disposal Facility. This will be to the satisfaction of the Department of Environmental Protection.
- 3.3 Hours of operation will be Monday to Friday 7am to 5pm. Should quarry operational noise levels prove to be a problem to the adjacent residential areas, the City of Mandurah recognises its obligations to devise corrective action under the Noise Abatement Neighbourhood Annoyance Regulations (1979). This will be to the satisfaction of the Department of Environmental Protection.
- 3.4 The City of Mandurah will initiate dust control measures should dust nuisance occur at nearby residential areas as a result of quarry operations. This will be to the satisfaction of the Department of Environmental Protection.
- 3.5 Should Aboriginal sites be uncovered during development or operation of the Limestone Quarry or Septage Disposal Facility, the City of Mandurah commits to cease operations and to consult with the Aboriginal Sites Department of the Western Australian Museum on further courses of action.

- 3.6 The City of Mandurah will ensure that the Septage Disposal Facility meets the operating standards set under Part IV of the Environmental Protection Act, works approval and licence conditions by the Department of Environmental Protection.
- 3.7 The City of Mandurah will review the need to retain the final 8ha of quarry for acceptance of additional inert fill. This review will occur prior to quarrying commencing on this final 8ha. This review will be submitted to CALM for approval.
- 3.8 The City of Mandurah will have available an emergency generator should one be required at the Septage Disposal Facility.
- 3.9 The City of Mandurah will collect samples from every septage tanker disposing at the facility. These will be visually inspected, tested for pH and conductivity, and stored for a period of two months.
- 3.10 The City of Mandurah will be responsible for cleaning up fuel spills at the Septage Disposal Facility and the Limestone Quarry. This will be to the satisfaction of the Department of Environmental Protection.
- 3.11 The City of Mandurah will monitor for potential vermin problems at the Septage Disposal Facility and will initiate corrective action where necessary. This will be to the satisfaction of the Department of Environmental Protection.
- 3.12 The City of Mandurah will visually inspect each truck dumping inert material at the Limestone Quarry and will maintain a record of the materials dumped.
- 3.13 The City of Mandurah will adhere to Guidelines set by the Department of Minerals and Energy should blasting be required at the Limestone Quarry.
- 3.14 A 10m wide buffer of vegetation will be retained between the quarry boundary and the area to be mined.

4.0 Post Operation

- 4.1 Responsibility for rehabilitation of the quarry will remain with the City of Mandurah until rehabilitation has been completed to the satisfaction of CALM. Once the 9.6ha required for the Wastewater Treatment Plant is formally vested in the Water Authority, the Authority will take on responsibility for this site.

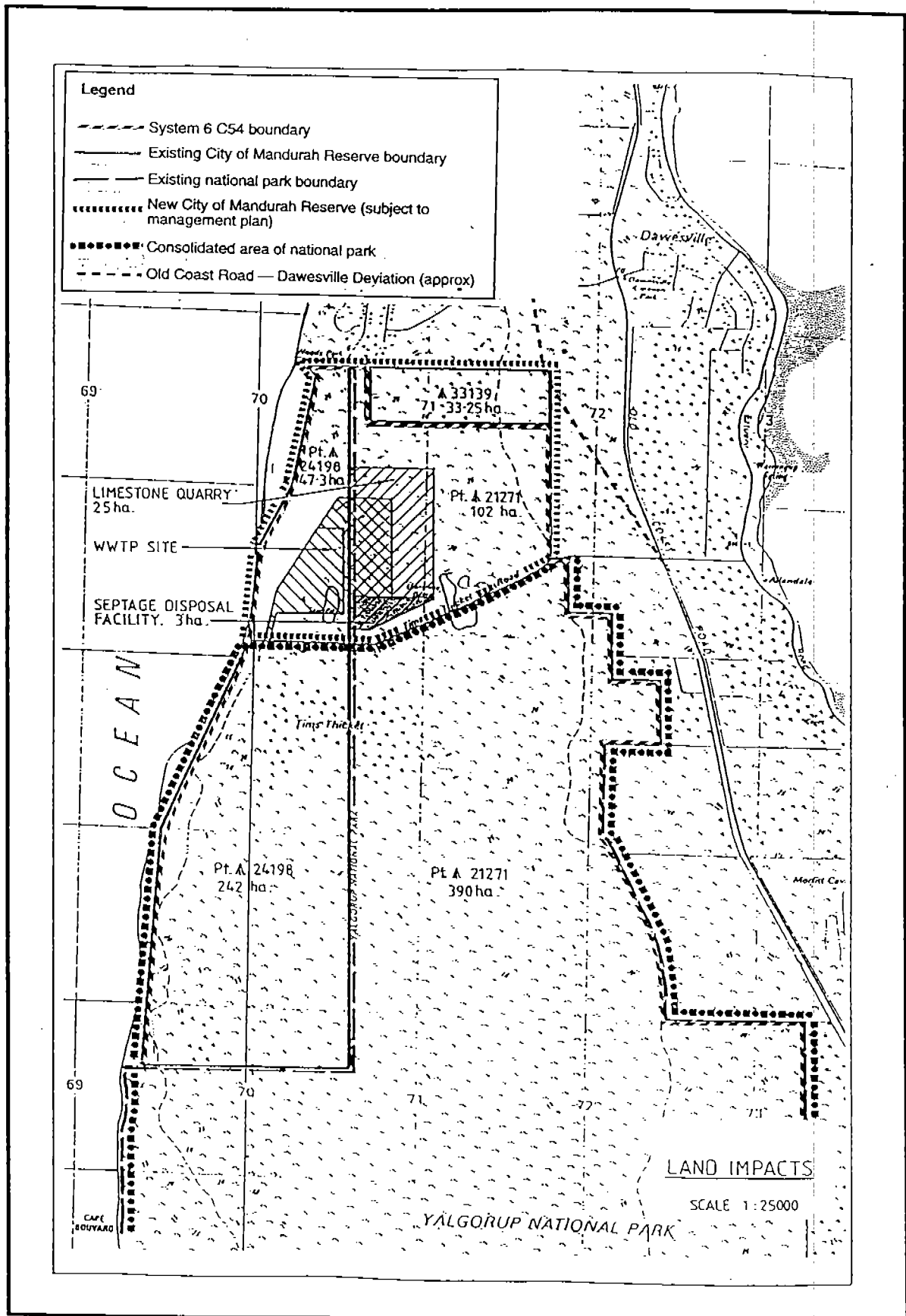


Figure 2. Location of proposed national park boundary realignment, extension to existing wastewater treatment plant site, quarry site and septage disposal facility site.