



WESTERN AUSTRALIA

OFFICE OF THE MINISTER FOR THE ENVIRONMENT

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

COASTAL ROAD FROM JURIE TO GREEN HEAD
SHIRES OF DANDARAGAN & COOROW (850)

SHIRE OF DANDARAGAN & SHIRE OF COOROW

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 consolidated in Environmental Protection Authority Bulletin 782 as Appendix 4.

A Schedule of environmental commitments (August 1995) which will be audited by the Department of Environmental Protection 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.

3 Road-Making Materials

- 3-1 The proponent shall not extract road-making materials from Reserve C24496 for Protection of Flora or areas identified as having significant conservation value in Figure 1 (copy attached).

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Any application to extract materials from areas referred to in this condition shall be made to the Minister for the Environment by way of a request for a change in this condition under Section 46 of the Environmental Protection Act.

3-2 Prior to commencement of excavation works to extract road materials on private property, the proponent shall prepare an Environmental Management Programme which addresses issues identified in the publication *Environmental management of quarries*, Department of Mines, March 1991.

3-3 The proponent shall implement the Environmental Management Programme required by condition 3-2.

4 Proponent

These conditions legally apply to the nominated proponent.

4-1 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.

5 Time Limit on Approval

The environmental approval for the proposal is limited.

5-1 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.)

6 Compliance Auditing

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

6-1 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 There should be no net loss of conservation estate as a consequence of the implementation of this proposal. To achieve this objective, the following process will be adhered to:
 - 1 The Department of Environmental Protection will establish a Working Group to identify areas of high conservation value which should be added to the conservation estate to compensate for that lost through the gazettal of the reserve for the road;
 - 2 The Working Group will liaise with the committee implementing the Central Coast Regional Strategy;
 - 3 The Working Group will report to the Environmental Protection Authority as soon as practicable so that it may advise the Minister for the Environment, who will consider that advice and advise the Minister for Lands; and
 - 4 The Minister for Lands will implement the advice of the Minister for the Environment by gazetting additional conservation reserve(s) at the same time as the Road Reserve is gazetted or as soon as practicable thereafter.

Note

- 1 The proponent's environmental commitment 1 is read to include Reserve C24496 for Protection of Flora as a gazetted conservation reserve.

Hon. Peter Foss, MLC
MINISTER FOR THE ENVIRONMENT

26 SEP 1995

Schedule of Environmental Management Commitments

which will be audited

by the Department of Environmental Protection

August 1995

**COASTAL ROAD FROM JURIEN TO GREEN HEAD
SHIRES OF DANDARAGAN & COOROW (850)**

SHIRE OF DANDARAGAN & SHIRE OF COOROW

AUDITABLE COMMITMENTS

NOTE: The number in brackets at the end of each commitment is the original number used in the Consultative Environmental Review or in the Response to Public Submissions.

The commitments are categorised into:

- .. Pre-construction commitments;
- .. During construction commitments;
- .. Post-construction commitments.

Pre-construction Commitments

- (1) Approval to utilise those borrow pit sites occurring within gazetted conservation areas will be sought under Section 46 of the Environmental Protection Act 1986. A dedicated borrow pit Environmental Management Plan will be formulated at the time approval is sought. (1)
- (2) The proponents are to commission a dieback survey and laboratory testing of all materials sourcing sites to determine the prevalence of soil-borne fungal pathogens especially *Phytophthora* species. (2)
- (3) The proponents are to commission the development of dedicated dieback hygiene management measures. The hygiene management plan will be developed from the MRWA Dieback Management Procedure Manual (1992) and CALM Dieback Disease Hygiene Manual (1992) utilising specific dieback knowledge for the Northern Sandplains. (3)
- (4) Incorporated within the dieback management programme will be appropriate drainage design considerations which will minimise the facilitation of the introduction and spread of soil-borne fungal pathogens, especially *Phytophthora* species. (4)
- (5) Only road materials sourcing sites found to be free of soil-borne fungal pathogens, in particular *Phytophthora* species, will be utilised. (5)
- (6) In all borrow pit areas where noxious weeds are present, sterilisation and / or removal and burial of affected topsoils is to be undertaken prior to excavation of road construction materials. (8)
- (7) The Management Plan for the Sandy Point area will be developed in consultation with CALM prior to the construction of the proposed Sandy Point Access road. (39)
- (8) The borrow pit Environmental Management Plan (EMP) to be developed for Section 9.1 (1) page 62 of the CER will be done in consultation with CALM and the NPNCA. (41)
- (9) Testing for the presence of environmental and noxious weeds at all borrow pit locations will be to the satisfaction of CALM. (42)
- (10) The Commitment 9.1 (8) of the CER will include environmental weeds as well as noxious weeds. (43)
- (11) An Environmental Management Plan will be developed in consultation with CALM and the NPNCA for the proposed scenic lookout area and access road prior to construction.(47)

During Construction Commitments

- (12) The proponents are to make all members of the workforce associated with the construction of the route alignment aware of environmental commitments aimed at protecting the environment during construction. (11)
- (13) The proponents are to restrict vegetation clearing and machinery movements to within the road reserve excepting sourcing of road construction materials. (12)
- (14) The proponents are to reduce clearing of vegetation to the essential minimum consistent with safe and efficient operations. (13)
- (15) The approved dedicated dieback hygiene and control measures developed for the project are to be strictly adhered to during construction. (14)
- (16) The proponents are to prepare a rehabilitation and revegetation programme outlining key areas to be rehabilitated with selected local flora species. (15)
- (17) All embankment and batter slopes are to be minimised and prepared to appropriate MRWA standards to facilitate successful establishment of typical local vegetative cover. (19)
- (18) The proponents are to stabilise embankments and batter slopes susceptible to short term erosion impacts during the construction phase of the project. (20)
- (19) Silt traps are to be installed where necessary to collect run-off and prevent sediment from entering drainage systems. (21)
- (20) The proponents are to ensure that noise levels associated with construction comply with standards set by the EPA Pollution Control Division. (22)
- (21) Construction activities adjacent to residential areas will be limited to reasonable daytime hours to mitigate noise impacts in adjacent localities. (23)
- (22) The proponents will ensure inconvenience caused by severing access roads and tracks during construction will be kept to a minimum and provide appropriate signage where necessary to achieve this. (24)
- (23) Construction and earthworking is to be undertaken during suitable ground conditions to minimise dust generation. Dust suppression measures will be employed when dust levels become problematic. (25)
- (24) Portable chemical toilets will be used to cater for sewage. (26)
- (25) The proponents will undertake the collection and off-site disposal (at an approved disposal facility) of all waste materials including used oil and unserviceable vehicle/machinery parts and excess spoil. (27)
- (26) The proponents will undertake to ensure that no impact to the barchanoid dunes and their associated dune systems will arise from the proposed project. (38)
- (27) The proponents will apply Main Roads best practice and relevant EPA guidelines with respect to noise and dust control for the project. (44)
- (28) The proponents will not use saline water sources during the project. (45)

Post Construction Commitments

- (29) Erosion around any re-contoured embankments and batters during the post construction phase will be managed by the proponents with re-construction and revegetation with local native plant species. (28)
- (30) All existing informal access tracks intersected by the proposed new roads will be effectively closed. (29)
- (31) The tie-ins of closed informal access tracks are to be rehabilitated and revegetated within the confines of the road reserve. (30)
- (32) Disused access road construction tracks, detours, side roads, borrow pits or other abandoned works areas are to be rehabilitated and revegetated with local native plant species. (32)
- (33) Access links will be maintained and signed to sites of significance such as Beekeepers Nature Reserve and Drovers Cave National Park. (33)
- (34) If revegetation is not progressing to the satisfaction of approval authorities, the proponents will implement appropriate measures to remedy revegetation establishment.(34)
- (35) The proponents are to carry out eradication programmes should any noxious weed species be introduced to the proposed road reserve. (35)
- (36) Appropriate landscaping and revegetation will be undertaken to reduce noise impacts to residents within the Green Head Township. (36)
- (37) The proponents will monitor the establishment of revegetation annually for a period of 2 years after the practical completion of the route construction. Results of monitoring will be included in the Annual Monitoring Report. (37)
- (38) Upon completion of construction the proponents will consult with CALM as to the future use of all water bores. (46)

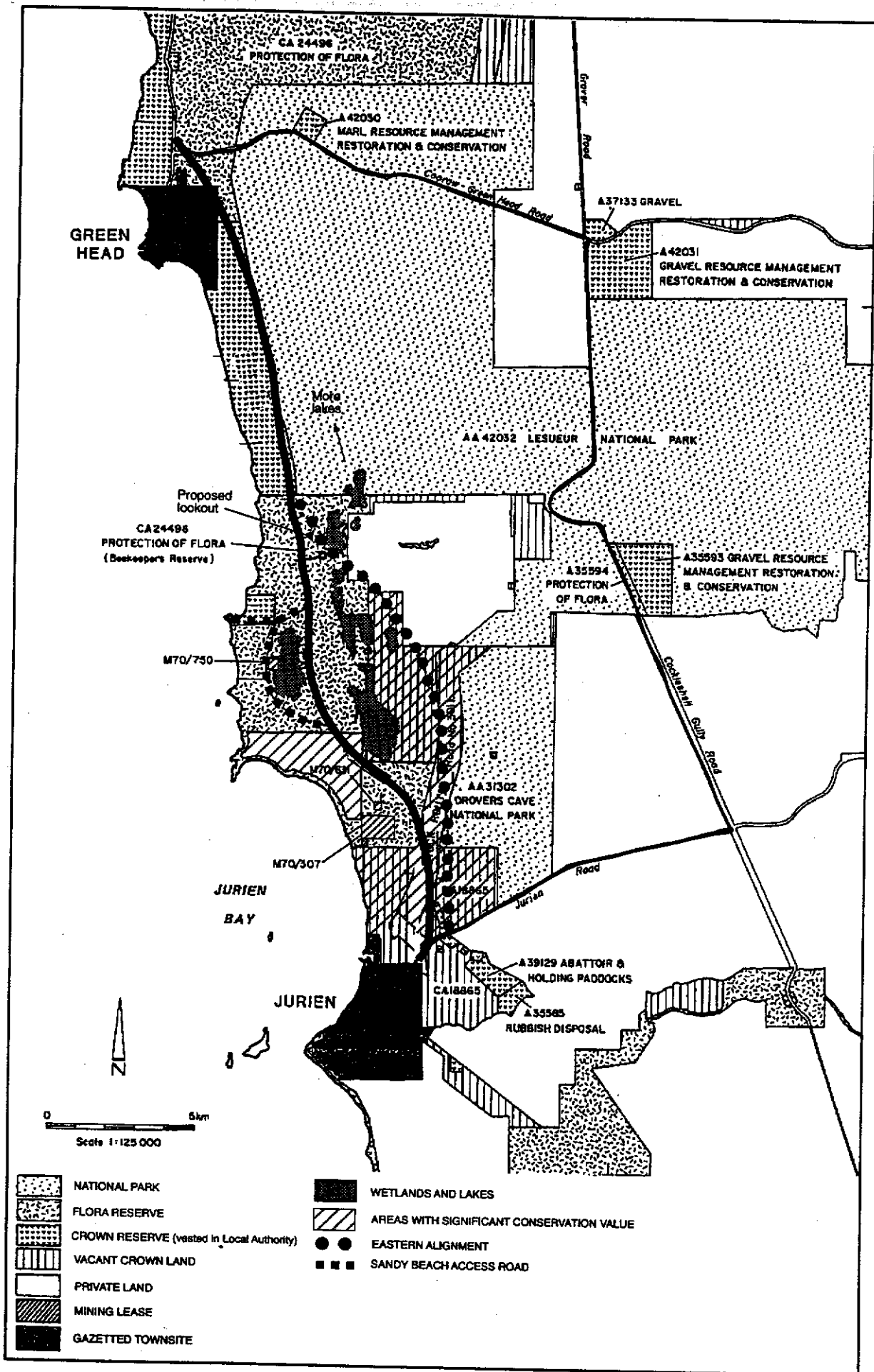


Figure 1. Proposed roads showing current status of land in the vicinity and recommendations of the Central Coast Study (adapted from Figures 1,2 & 3 of CER and Figure 9 of the Central Coast Study (State Planning Commission 1994)).