



MINISTER FOR ENVIRONMENT

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

GERALDTON FORESHORE REDEVELOPMENT

DEPARTMENT OF MARINE AND HARBOURS

This proposal may be implemented subject to the following conditions:

1. The proponent shall adhere to the proposal as assessed by the Environmental Protection Authority and shall fulfil the commitments made in the Notice of Intent (copy of commitments attached).
2. The proponent shall satisfy Schedules 5 and 16 of the document "Water Quality Criteria for Marine and Estuarine Waters of Western Australia", pertaining to use of water for passage of fish and for navigation and shipping. If swimming is proposed in the marina waters, then the proponent shall satisfy, along with Schedules 5 and 16, Schedule 1 of the report "Water Quality Criteria for Marine and Estuarine Waters of Western Australia" for direct contact recreation.
3. Prior to construction commencing, the proponent shall provide to the Environmental Protection Authority's satisfaction, planning and operation designs for location of refuelling facilities, stormwater drainage including runoff containment and diversion for the marina site.
4. Before site clearing and development commences on the marshalling yard, the proponent shall identify any dumping, stockpiling or accumulation of oil or other potential pollutants which could enter the marina. These pollutants shall be managed to the Environmental Protection Authority's satisfaction and in such a way that they do not create a threat to the adjacent marine environment.

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5. Prior to construction commencing, the proponent shall prepare a detailed monitoring and management programme to the satisfaction of the Environmental Protection Authority. In addition to the parameters identified in Table 4 of the Notice of Intent, the programme shall also provide for:
- (1) monitoring of the extent and impact of any plume created from rock dumping during construction work or from dredging, for the duration of the plume;
 - (2) monitoring of the extent of changes to the beach and any consequent effects on the adjacent offshore communities until such time as the beach stabilises;
 - (3) monitoring of heavy metal concentrations in the sediments at sites both within and outside the marina (the latter as a control to enable long-term effects to be assessed), commencing before the marina starts operating and continuing for an initial period of five years;
 - (4) monitoring of dust levels during the construction phase of the operation;
 - (5) monitoring being carried out for a period of five years initially, then reviewed, with interim reports on monitoring and management submitted to the Environmental Protection Authority by the proponent or managing agency on an annual basis; and
 - (6) reporting after five years of operation of the marina, with reference to the monitoring results obtained during the full five year period, including interpretation of the results, recommendations relating to future requirements and with a commitment to amend management in accordance with the monitoring results.

Barry Hodge MLA
MINISTER FOR ENVIRONMENT

22 JUL 1988

GERALDTON FORESHORE REDEVELOPMENT

ENVIRONMENTAL MANAGEMENT

COMMITMENTS

The Notice of Intent relating to the Proposed Geraldton Foreshore Redevelopment detailed various commitments by the Proponents which would minimise adverse impacts and ensure proper and responsible management of the development.

The following is a summary of those commitments detailed in the NOI:

Construction Phase

- . Suppression of dust by watering and spraying with a stabilising medium if required.
- . Contain noise and vibrations within statutory limits.
- . If possible minimise the impacts of turbidity which may result from breakwater construction by avoiding rock dumping during summer months.
- . Restrict construction activity on site to normal daylight hours.
- . Restrict construction traffic (trucks) to normal daylight hours and to designated routes.
- . Identify any significant accumulations of oils or other potential pollutants within the marshalling yards which could enter the Marina and remove or take appropriate management action.

Operational Phase

- . Direct stormwater runoff away from the marina where possible and incorporate silt traps in the hardstanding drainage system.
- . Prohibit discharge of litter, sewage and hydrocarbons into the Marina.
- . Provide sewered toilets, sullage pumpout facility and rubbish bins within the development.
- . Remove wrack from within the Marina if necessary.
- . Monitor shoreline stability either side of the Marina and renourish the beaches either side of the Marina if shoreline stability is threatened.
- . Maintain navigability of the entrance to the Marina.
- . Monitor the water quality within the Marina and adjacent waters at regular intervals during the first year and thereafter at intervals to be decided by experience or

necessity. Parameters to be monitored are detailed in Table 4 in the NOI.

- . Collate and analyse the results of the monitoring programme and make these results available to the Environmental Protection Authority.
- . In the event that water quality within the Marina declines, undertake whatever action is necessary after consultation with the appropriate State body.
- . Carry public liability insurance with respect to this development.
- . Be equipped to deal with fuel spills, fires, stratification of the water mass and the impact of storms.
- . Comply with relevant standards identified by State agencies and the Local Authority.
- . Ensure compliance with environmental emission standards during construction of major buildings.
- . Manage the entire development until handover to a Site Manager.