



MINISTER FOR ENVIRONMENT

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

MARICULTURE VENTURE EXMOUTH GULF

SERMARINE PTY LTD

Stage 1 only of this proposal may be implemented subject to the following conditions:

1. The proponent fulfilling the commitments given in the Notice of Intent (copy of major commitments attached).
2. Infrastructure at Area B shall be located further inland to the area of sandplain.
3. All ponds and seawall design shall be conducted in consultation with and to the satisfaction of the Department of Marine and Harbours.
4. The effluent shall not be discharged to the landward side of the mangroves and that discharge be direct to the sea beyond the mangroves.
5. Water intake pipe access through the mangroves must be constructed with minimal disturbance to the area. Existing groundwater flows to the area shall not be interrupted such that they are threatened or degraded. Natural drainage channels must either be retained or diverted around structures to prevent localised flooding.
6. The proponent shall take every care to maintain the viability of the existing mangrove stands.
7. Any intention to proceed with further stages of the proposal shall be referred to the Environmental Protection Authority for environmental impact assessment. Such a referral must be accompanied by the results of the environmental monitoring of Stage 1. This shall consist of:

- . assessment of - the status of the mangroves prior to the commencement of the project;
- the status of the mangroves at the time of the intention to proceed with further stages is referred to the Environmental Protection Authority; and
- the effectiveness of effluent disposal and associated environmental impacts.

Barry Hodge, MLA
MINISTER FOR ENVIRONMENT

18 JAN 1988

Mariculture Venture, Exmouth Gulf Project
Proposal by Sermarine Pty. Ltd.

Commitments made by the proponent in the Notice of Intent for
Stage 1 of the project

- Research will be initiated into the breeding of prawns and oysters in a attempt to identify species best suited for culture in the local environment.
- Pilot ponds will vary in size, ranging from 20 cm deep for algae, 1 m deep for brine shrimp, to 1.5 - 2 m deep for prawns and fish.
- Pilot pond construction will be either one of two types :
 - . excavation with removed spoil being used to build up banks; or
 - . shallow ponds with banks made up from spoil taken from the immediate surround.
- Prefabricated accomodation units will be cyclone proof and be adequately tied down on site.
- The placement of water supply pumps and pipes will be such that existing mangrove growth will not be unduely disturbed. If mangrove growth is disturbed, damage will be repaired immediately.
- Supply of stock : Algae and brine shrimp stocks will be obtained from existing farms in Western Australia. Prawns, oysters, other crustaceans and fish will be gathered from wild stocks presently located in Exmouth Gulf by licensed fishermen at appropriate times. The number obtained will have no effect on the numbers of wild stock due to the number of eggs available from each fertile animal.
- All management provisions will aim to minimise damage to the existing environment. If any adverse effect on the existing ecosystem does occur, resources will be available to ameliorate the problem as soon as possible.
- Laboratory supervision will be implemented from commencement of project by the employment of appropriate biologists and a bio-chemist. Each developed area will be supervised by a field superintendent.