



MINISTER FOR THE ENVIRONMENT AND HERITAGE

Statement No.

000589

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

**DAMPIER PUBLIC WHARF EXPANSION
LOAD-OUT FACILITY AND LAY-DOWN AREA
PORT OF DAMPIER**

Proposal: The construction of a land-backed load-out facility and a 4.1 hectare cargo lay-down and storage area at the Dampier Public Wharf, as documented in schedule 1 of this statement.

Proponent: Western Stevedores Pty Ltd

Proponent Address: PO Box 140, North Fremantle WA 6160

Assessment Number: 1421

Report of the Environmental Protection Authority: Bulletin 1042

The proposal referred to above may be implemented subject to the following conditions and procedures:

Procedural conditions

1 Implementation and Changes

1-1 The proponent shall implement the proposal as documented in schedule 1 of this statement subject to the conditions of this statement.

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- 1-2 Where the proponent seeks to change any aspect of the proposal as documented in schedule 1 of this statement in any way that the Minister for the Environment and Heritage determines, on advice of the Environmental Protection Authority, is substantial, the proponent shall refer the matter to the Environmental Protection Authority.
- 1-3 Where the proponent seeks to change any aspect of the proposal as documented in schedule 1 of this statement in any way that the Minister for the Environment and Heritage determines, on advice of the Environmental Protection Authority, is not substantial, the proponent may implement those changes upon receipt of written advice.

2 Proponent Commitments

- 2-1 The proponent shall implement the environmental management commitments documented in schedule 2 of this statement.
- 2-2 The proponent shall implement subsequent environmental management commitments which the proponent makes as part of the fulfilment of the conditions in this statement.

3 Proponent Nomination and Contact Details

- 3-1 The proponent for the time being nominated by the Minister for the Environment and Heritage under section 38(6) or (7) of the *Environmental Protection Act 1986* is responsible for the implementation of the proposal until such time as the Minister for the Environment and Heritage has exercised the Minister's power under section 38(7) of the Act to revoke the nomination of that proponent and nominate another person as the proponent for the proposal.
- 3-2 If the proponent wishes to relinquish the nomination, the proponent shall apply for the transfer of proponent and provide a letter with a copy of this statement endorsed by the proposed replacement proponent that the proposal will be carried out in accordance with this statement. Contact details and appropriate documentation on the capability of the proposed replacement proponent to carry out the proposal shall also be provided.
- 3-3 The nominated proponent shall notify the Department of Environmental Protection of any change of contact name and address within 60 days of such change.

4 Commencement and Time Limit of Approval

- 4-1 The proponent shall provide evidence to the Minister for the Environment and Heritage within five years of the date of this statement that the proposal has been substantially commenced or the approval granted in this statement shall lapse and be void.

Note: The Minister for the Environment and Heritage will determine any dispute as to whether the proposal has been substantially commenced.

- 4-2 The proponent shall make application for any extension of approval for the substantial commencement of the proposal beyond five years from the date of this statement to the Minister for the Environment and Heritage, prior to the expiration of the five-year period referred to in condition 4-1.

The application shall demonstrate that:

- the environmental factors of the proposal have not changed significantly;
- new, significant, environmental issues have not arisen; and
- all relevant government authorities have been consulted.

Note: The Minister for the Environment and Heritage may consider the grant of an extension of the time limit of approval not exceeding five years for the substantial commencement of the proposal.

Environmental conditions

5 Compliance Audit

- 5-1 The proponent shall prepare an audit program in consultation with and submit compliance reports to the Department of Environmental Protection which address:

- the implementation of the proposal as defined in schedule 1 of this statement;
- evidence of compliance with the conditions and commitments; and
- the performance of the environmental management plans and programs.

Note: Under sections 48(1) and 47(2) of the *Environmental Protection Act 1986*, the Chief Executive Officer of the Department of Environmental Protection is empowered to audit the compliance of the proponent with the statement and should directly receive the compliance documentation, including environmental management plans, related to the conditions, procedures and commitments contained in this statement. Usually, the Department of Environmental Protection prepares an audit table which can be utilised by the proponent, if required, to prepare an audit program to ensure that the proposal is implemented as required. The Chief Executive Officer is responsible for the preparation of written advice to the proponent, which is signed off by either the Minister or, under an endorsed condition clearance process, a delegate within the Environmental Protection Authority or the Department of Environmental Protection that the requirements have been met.

Procedures

- 1 Where a condition states "to the requirements of the Minister for the Environment and Heritage on advice of the Environmental Protection Authority", the Chief Executive Officer of the Department of Environmental Protection will obtain that advice for the preparation of written advice to the proponent.

- 2 The Environmental Protection Authority may seek advice from other agencies, as required, in order to provide its advice to the Chief Executive Officer of the Department of Environmental Protection.

Notes

- 1 The Minister for the Environment and Heritage will determine any dispute between the proponent and the Environmental Protection Authority or the Department of Environmental Protection over the fulfilment of the requirements of the conditions.

Dr Judy Edwards MLA
MINISTER FOR THE ENVIRONMENT AND HERITAGE

10 APR 2002

Schedule 1

Dampier Public Wharf Expansion. (Assessment No. 1421)

This project is located at the Dampier Public Wharf, on the Burrup Peninsula, near Dampier (Figure 1). The land is vested in the Dampier Public Wharf under Reserve 41636. The project straddles two locations: De Witt Location 201 (OP 16 683, 16.84 hectares) and De Witt Location 293 (OP 16 683, 24.24 hectares).

The project involves the construction of a rock load-out facility and lay-down area immediately south of the Dampier Public Wharf. The facility will align with the western face of the existing wharf structure. The load-out facility will consist of a reinforced concrete, suspended slab structure similar to the existing one. It will be supported on steel tubular piles which will be braced back to an anchorage on the land. Fenders will be tubular rubbers mounted on a box structure to match the existing. Basic dimensions are provided below (Table 1).

The loading facility will have an 81 metre face at a level equivalent to the existing structure. It will be a land-backed facility which will involve the reclaiming of approximately 1.5 hectares of seabed. Approximately 2.6 hectares of land will be formed behind the loading facility.

The project also includes the quarrying of rock and the extension of the lay-down space behind the wharf by approximately 4.1 hectares. A total of 7.0 hectares of useable land will be created.

Table 1: Key characteristics of approved proposal

| Characteristics | Description |
|---|--|
| Project Purpose | To construct a load-out facility and lay-down area and to provide rock from the construction of the lay-down as ballast for the Woodside sub-sea pipeline. |
| Project Life | 18 months |
| Area of seabed reclamation | 1.5 hectares approximately |
| Area of land formed behind loading facility | 2.6 hectares approximately |
| Lay-down area | 4.1 hectares approximately |
| Earthwork quantities | (Approximate) |
| Land-backed load-out facility | Cut 35,800 cubic metres Fill 55,000 cubic metres |
| Rock storage area | Cut 720,500 cubic metres |
| • Berth Face Length | 81 metres |
| • Deck Face Thickness | 850 millimetres |
| • Deck Width | 31.5 metres |
| • Pile Material / Grade | Steel / G350 |
| • Pile Size | 600 mm diameter |
| • Deck Elevation | 4.1 metres – Australian Height Datum |

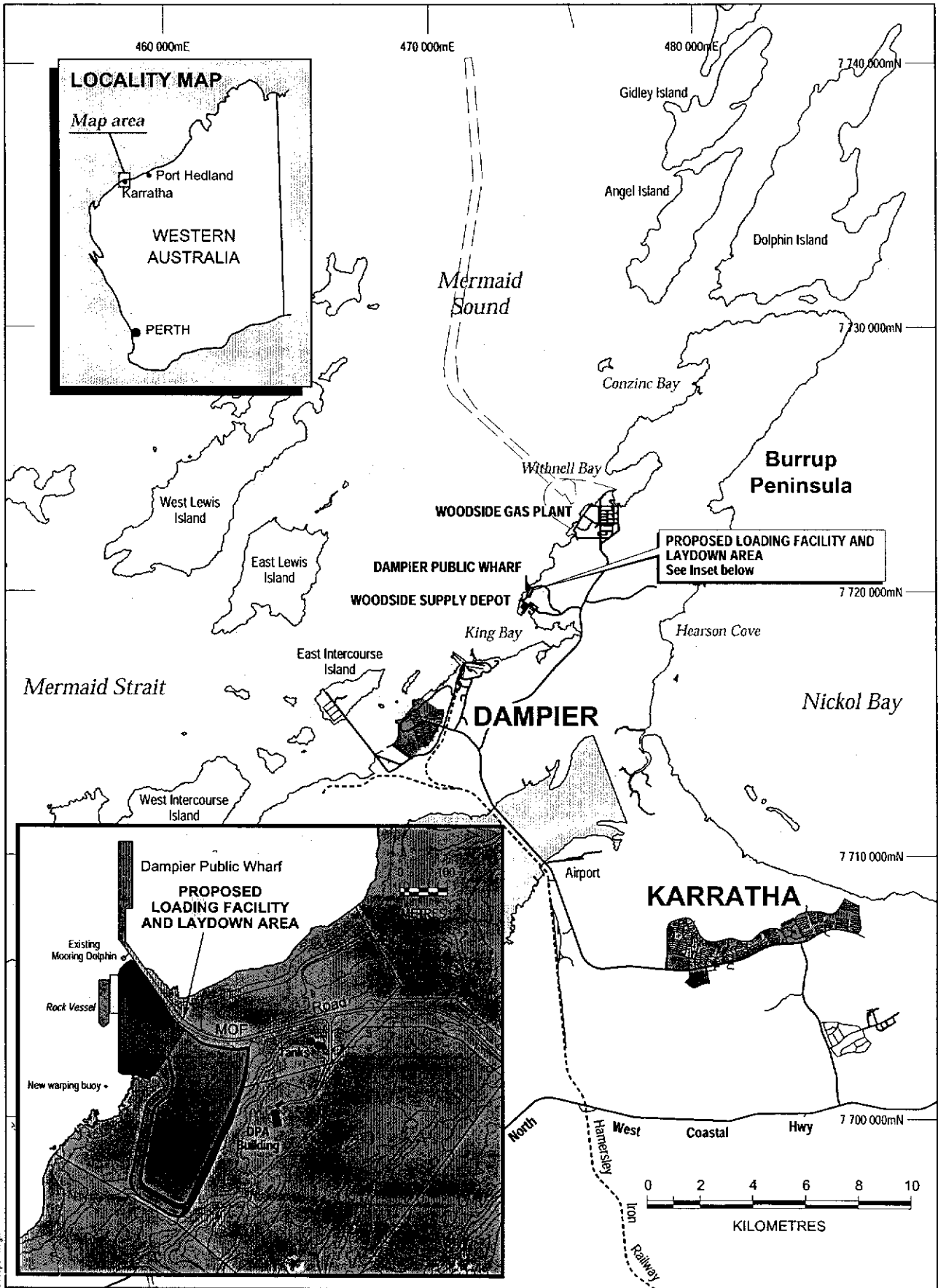
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|---------------------|---|
| Plant facilities | Administration building Crushing plant |
| Plant operation | Daylight hours, 7 days per week |
| Construction Period | 8 months approximately |
| Ballast mining rate | 3,000 tonnes per day |
| Water Supply source | Scheme water supply |
| Workforce | Construction 30 (peak) |

Figures (attached)

Figure 1 – Location map.

Figure 2 - Development volumes (material to be cut and filled).

Wed 13 Feb



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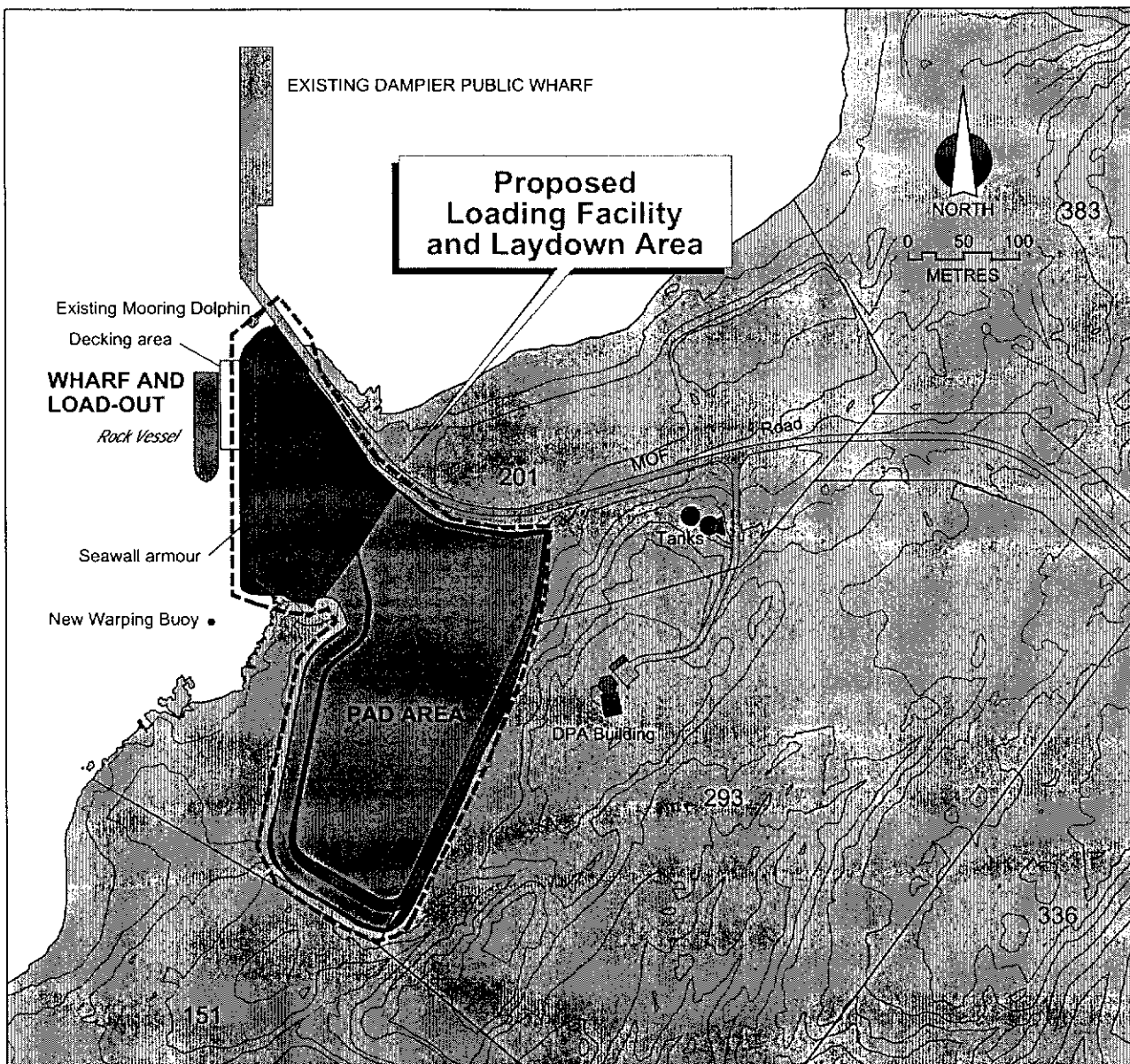
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Western Stevedores Pty Ltd
DAMPIER PUBLIC WHARF - PROPOSED LOADING FACILITY AND LAYDOWN AREA

LOCATION MAP

Figure
1

Wed 13 Feb



WHARF AND LOAD-OUT (1.9ha)

PAD AREA 7700m²
 VOLUME OF MATERIAL
 REMOVED = 35800m³
 PLACED = 38650m³
 FILL AREA TO
 R.L. +4.1m AHD

PAD AREA (4.9ha)

PAD AREA 41300m²
 VOLUME OF MATERIAL
 REMOVED = 720500m³

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Auth: P/JL Date: 1/02

ENVIRONMENTAL DRAFTING (03) 9273 9211

Western Stevedores Pty Ltd
 DAMPIER PUBLIC WHARF - PROPOSED LOADING FACILITY AND LAYDOWN AREA

DEVELOPMENT VOLUMES

Figure

2

Proponent's Environmental Management Commitments

February 2002

Dampier Public Wharf Expansion
Load-Out Facility & Lay-Down Area
Port of Dampier
(Assessment No. 1421)

Western Stevedores Pty Ltd

PROPONENT'S ENVIRONMENTAL MANAGEMENT COMMITMENTS

DAMPIER PUBLIC WHARF EXPANSION – LOAD-OUT FACILITY & LAY-DOWN AREA, PORT OF DAMPIER (ASSESSMENT NO. 1421)

| No | Topic | Action | Objective | Timing | Advice |
|----|--------------------------|---|--|--|---|
| 1 | Environmental Management | <p>Prepare an Environmental Management Plan which addresses the following:</p> <ol style="list-style-type: none"> 1) Benthic flora and fauna impacts 2) Marine water quality 3) Waste management 4) Oil and chemical spills 5) Hazardous materials 6) Ballast water discharge 7) Noise emissions 8) Vibration and Flyrock 9) Dust management 10) Surface water quality (monitoring and management) 11) Risk – Public health and safety | <ol style="list-style-type: none"> 1) Maintain ecological function, abundance, and species diversity in order to protect ecosystem health. 2) Ensure that marine water quality is maintained to protect environmental values from construction and post-construction activities from the site in accordance with Environmental Quality Criteria defined in <i>Australian and New Zealand Water Quality Guidelines</i> (ANZECC 2000). 3) To minimise, reuse or recycle waste where possible. To treat onsite or dispose offsite liquid and solid wastes at an appropriate landfill facility. 4) Minimise the impacts of fuel or oil spillage during construction, operational and shipping movements to ensure that they do not adversely affect water quality. 5) To ensure that hazardous goods and materials are stored and handled in accordance with relevant Worksafe guidelines. 6) Minimise the risk of introduction of unwanted marine organisms 7) Ensure noise levels comply with statutory requirements and acceptable standards. 8) Protect the amenity for nearby land uses from vibration and flyrock impacts and to prevent harm to humans, infrastructure and the biological community that may occur through blasting activities. | Pre construction (prior to commencement of ground disturbance) | CALM, Shire of Roebourne, Dampier Port Authority, Worksafe. |

| No | Topic | Action | Objective | Timing | Advice |
|----|--|--|--|------------------|--------|
| 2 | Environmental Management Plan | Implement the approved Environmental Management Plan referred to in commitment 1. | <p>9) Ensure that dust levels at nearest critical premise are within EPA dust control criteria and amenity for nearby land uses is maintained in accordance with EPA Guidance Statement No. 18. <i>Prevention of Air Quality Impacts for Land Development Sites.</i></p> <p>10) Ensure that water quality is maintained to protect ecological and aesthetic values of surface water from construction and post-construction activities from the site.</p> <p>11) Ensure that risks are addressed and managed to meet the EPA criteria for individual fatality risk off-site and the DMPR's requirements in respect of public safety.</p> | Construction | CALM |
| 3 | Terrestrial Flora and Vegetation Management Plan | <p>Prepare a Terrestrial Flora and Vegetation Management Plan which addresses:</p> <ol style="list-style-type: none"> 1) Protection of remnant vegetation outside the construction area "footprint", within the lease area. 2) Protection of remnant vegetation in areas outside the lease area that are located in close proximity to the construction site. 3) Training of staff and contractors on the importance of vegetation protection and in particular protection to priority listed flora both within and outside the lease area. 4) Weed management | <p>To achieve the objectives of commitment 1</p> <p>To protect Declared Rare and Priority Flora, consistent with the provisions of the <i>Wildlife Conservation Act (1950)</i>.</p> | Pre-construction | CALM |

| No | Topic | Action | Objective | Timing | Advice |
|----|--|--|---|--|--------|
| 4 | Terrestrial Flora and Vegetation Management Plan | Implement the approved Terrestrial Flora and Vegetation Management Plan referred to in commitment 3 | To achieve the objectives of commitment 3 | Construction | CALM |
| 5 | Revegetation | Prepare a Revegetation Management Plan which addresses: 1) Revegetation of disturbed areas not being utilised for lay-down area; 2) Necessary earthworks and revegetation of benches; and 3) Stockpiling of topsoils. | Maintain biodiversity and ecosystem integrity. Minimise impacts on visual amenity | During Construction | CALM |
| 6 | Revegetation | Implement the Revegetation Management Plan referred to in commitment 5 | To achieve the objectives of commitment 5 | Post-construction | CALM |
| 7 | Fauna management | Prepare a Fauna Management Plan to address the following: 1) Undertake trapping and relocation as necessary of the Pilbara Olive python (<i>Morelia olivacea barroni</i>). 2) Record Pebble Mound mouse (<i>Pseudomys chapmani</i>) mounds. 3) Recording of encounters with native animals. In particular the Pilbara Olive Python and the Pebble Mound Mouse. 4) Training to staff and contractors in dealing with encounters with native animals, in particular the Pilbara Olive Python. 5) Relocation strategy of any animals captured. | To minimise accidental death of native fauna and to protect native fauna, consistent with the provisions of the <i>Wildlife Conservation Act (1950)</i> | Pre-construction (prior to commencement of ground disturbance) | CALM |
| 8 | Fauna Management Plan | Implement the approved Fauna Management Plan referred to in commitment 7. | Achieve the objectives of commitment 7. | Construction. | CALM |

| No | Topic | Action | Objective | Timing | Advice |
|----|-------------------------------------|---|--|------------------|--------|
| 9 | Aboriginal Heritage Management Plan | Prepare an Aboriginal Heritage Management Plan which addresses the following key elements: 1) Protection of existing sites. 2) Reporting mechanisms for the recording of any new sites that are identified during pre-construction or during construction. 3) Training for staff and contractors to ensure that they are aware of the significance and importance of Aboriginal or cultural sites. | To comply with the <i>Aboriginal Heritage Act (1972)</i> and other statutory requirements in relation to areas of cultural or historical significance. | Pre-construction | DIA |
| 10 | Aboriginal Heritage Management Plan | Implement the approved Aboriginal Heritage Management Plan referred to in commitment 9 | To achieve the objectives of commitment 9. | Construction | DIA |

Abbreviations

ANZECC Australian and New Zealand Environment and Conservation Council
 CALM Department of Conservation and Land Management
 DIA Department of Indigenous Affairs
 DMPR Department of Mineral and Petroleum Resources
 EPA Environmental Protection Authority