



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

| | |
|-------------------------------|--------------------------------------|
| Purpose Permit number: | CPS 8014/1 |
| Permit Holder: | Pilbara Ports Authority |
| Duration of Permit: | 28 November 2018 to 28 November 2023 |

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of road upgrades.

2. Land on which clearing is to be done

Lot 124 on Deposited Plan 180543, Boodarie

3. Area of Clearing

The Permit Holder must not clear more than 0.0482 hectares of native vegetation within the area hatched yellow on attached Plan 8014/1.

4. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

PART II – MANAGEMENT CONDITIONS

5. Avoid, minimise and reduce the impacts and extent of clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

6. Weed control

When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds* and *dieback*:

- clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

PART III - RECORD KEEPING AND REPORTING

7. Records must be kept

The Permit Holder must maintain the following records in relation to the clearing of native vegetation authorised under this Permit:

- (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) the date that the area was cleared;
- (c) the size of the area cleared (in hectares);
- (d) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 5 of this Permit; and
- (e) actions taken to minimise the risk of the introduction and spread of weeds in accordance with condition 6 of this Permit.

8. Reporting

The Permit Holder must provide to the CEO the records required under condition 7 of this Permit, when requested by the CEO.

DEFINITIONS

The following meanings are given to terms used in this Permit:

CEO means the Chief Executive Officer of the Department responsible for the administration of the clearing provisions under the *Environmental Protection Act 1986*;


fill means material used to increase the ground level, or fill a hollow;

dieback means the effect of Phytophthora species on native vegetation;

mulch means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation; and

weed/s means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Biodiversity, Conservation and Attractions Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

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Abbie Crawford
MANAGER
NATIVE VEGETATION REGULATION

*Officer delegated under Section 20
of the Environmental Protection Act 1986*

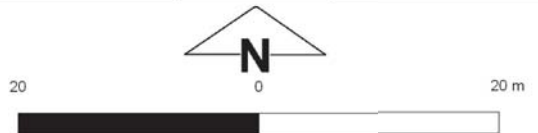
29 October 2018

Plan 8014/1



Legend

-  Areas approved to clear base layers
-  cadastre
- Image



MGA 94
Geocentric Datum of Australia 1994
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Officer with delegated authority under Section 20
of the Environmental Protection Act 1986



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 8014/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Pilbara Ports Authority
Application received date: 06 March 2018

1.3. Property details

Property: LOT 124 ON PLAN 180543, BOODARIE
Local Government Authority: PORT HEDLAND, TOWN OF
Localities: BOODARIE

1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | Purpose category: |
|--------------------|-----------|--------------------|-------------------------------|
| 0.0482 | | Mechanical Removal | Road construction or upgrades |

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 29 October 2018

Reasons for Decision: The clearing permit application received on 6 March 2018 has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

The Delegated Officer determined that the proposed clearing is unlikely to have any significant environmental impacts.

2. Site Information

Clearing Description The application is to clear 0.0482 hectares of native vegetation within Lot 124 on Deposited Plan 180543, Boodarie, for the purpose of road upgrades and maintenance (Figure 1).

Vegetation Description The application area has been mapped as Beard vegetation association 647 which is described as "Abydos Plain: Hummock grasslands, shrub steppe; snakewood over *Triodia basedowii*".

Vegetation Condition Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).

Soil type The application area is mapped the Uaroo Land System, which is described as "Broad sandy plains supporting shrubby hard and soft spinifex grasses (mapped over approximately seven per cent of the application area)" (DPIRD, 2017).



Figure 1: Application area

3. Assessment of application against clearing principles

The application is to clear 0.0482 hectares of native vegetation within Lot 124 on Deposited Plan 180543, Boodarie, for the purpose of road upgrades and maintenance. The applicant has advised that the Utah Road pavement is inadequate to accommodate the current traffic loading.

According to available databases twelve priority flora and six terrestrial fauna, listed as specially under the *Wildlife Conservation Act 1950*, have been recorded within the local area (40 kilometre radius). Given the preferred habitat requirements of these flora and fauna species and noting the current landuse, structure and condition of the vegetation within the application area, it is unlikely that the application area will support these species.

No priority or threatened ecological communities have been recorded within the local area.

The national objectives and targets for biodiversity conservation in Australia has a target to prevent clearance of ecological communities with an extent below 30 per cent of that present pre-1750, below which species loss appears to accelerate exponentially at an ecosystem level (Commonwealth of Australia, 2001). The application area is located within the Pilbara Interim Biogeographic Regionalisation of Australia bioregion, which retains approximately 99 per cent of its pre-European vegetation extent. Beard vegetation associations 647 retains approximately 98 per cent of its pre-European vegetation extent within this bioregion (Government of Western Australia, 2018). Given these statistics, the application area is not likely to be a significant remnant in an area that has been extensively cleared.

No watercourses or wetlands have been mapped within the application area.

No conservation area have been recorded within the local area. Noting this, the proposed clearing is not likely to impact on the environmental values of any conservation areas.

Given the relatively small area under application and its degraded (Keighery, 1994) condition, the proposed clearing is not likely to cause appreciable land degradation, impact on surface or underground water quality, or cause or exacerbate flooding.

Given the above, the proposed clearing is not likely to be at variance to any of the clearing principles.

Planning instruments and other relevant matters.

The Town of Port Hedland has advised that it has no objection to granting of the proposed permit (Town of Port Hedland, 2018).

No Aboriginal sites of significance have been mapped within the application area.

The clearing permit application was advertised on the DWER website on 28 March 2018 with a 14 day submission period. No public submissions have been received in relation to this application.

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- Department of Primary Industries and Regional Development (DPIRD) (2017) NRInfo Digital Mapping. Department of Primary Industries and Regional Development. Government of Western Australia. URL: <https://maps.agric.wa.gov.au/nrm-info/> (accessed April 2018).
- Government of Western Australia (2018) 2017 State-wide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of December 2017. WA Department of Biodiversity, Conservation and Attractions.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Town of Port Hedland (2018) Direct Interest Response for Clearing Permit Application CPS 8014/1 (DWER Ref: A1662143).