



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5787/1

File Number: 2011/006781-1

Duration of Permit: From 14 December 2013 to 14 December 2015

PERMIT HOLDER

City of Albany

LAND ON WHICH CLEARING IS TO BE DONE

Willyung Road reserve (PIN: 11480678) (Willyung 6330)

Pony Club Road reserve (PIN: 11748052) (Willyung 6330)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.2 hectares of native vegetation within the area hatched yellow on attached Plan 5787/1.

CONDITIONS

Nil.

A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

14 November 2013

Planb 578711



LEGEND

- Road Centrelines
 - Local Government Authorities
 - Cadastre for labelling
 - Clearing Instruments
 - Areas Approved to Clear
- Albany Townsite Jan 2011 Mosaic

* Project Data. This data has not been quality assured. Please contact map author for details.



0 250 m

Scale 1:5000

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geographic distortion or measurement inaccuracies.

amend Data 14/11/13

M Warnock

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



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Department of Environment Regulation
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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 5787/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Albany

1.3. Property details

Property: ROAD RESERVE (WILLYUNG 6330)
ROAD RESERVE (WILLYUNG 6330)
Local Government Area: City of Albany
Colloquial name: Willyung Road reserve and Pony Club Road reserve

1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
|--------------------|-----------|--------------------|----------------------------------|
| 0.2 | | Mechanical Removal | Road construction or maintenance |

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 14 November 2013

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

| Vegetation Description | Clearing Description | Vegetation Condition | Comment |
|---|---|--|--|
| Mapped Beard vegetation association 3 is described as medium forest; jarrah-marri (Shepherd et al 2001). | The clearing of 0.2 hectares of native vegetation within Willyung Road reserve and Pony Club Road reserve, Willyung is for the purpose of road widening and drainage. | Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) | The vegetation condition was determined from aerial imagery (Albany Townsite Jan 2011 Mosaic). |
| Mapped Beard vegetation association 978 is described as low forest; jarrah, Eucalyptus staeri & Allocasuarina fraseriana (Shepherd et al 2001). | | | |

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**
The application is for the proposed clearing of 0.2 hectares of native vegetation within Willyung Road reserve and Pony Club Road reserve, Willyung for the purpose of road widening and drainage.

The vegetation is considered to be in a degraded condition (Keighery 1994).

Numerous priority and rare flora species have been recorded within the local area (5 kilometre radius). Given the small, degraded (Keighery 1994) condition of the vegetation under application, the clearing as proposed is not likely to have an impact on the conservation status of priority flora species or impact rare flora.

Numerous fauna species listed as rare or likely to become extinct under the Wildlife Conservation Act 1950 have been recorded within a 10 kilometre radius (DPaW 2007-). The vegetation may provide habitat for avifauna including *Calyptorhynchus banksii* subsp. *naso* (forest Red-tailed Black Cockatoo), *Calyptorhynchus baudinii* (Baudin's Cockatoo) and *Calyptorhynchus latirostris* (Carnaby's Cockatoo) however given the small (0.2 hectares), degraded (Keighery 1994) condition of the vegetation under application, the clearing as proposed is not likely to have a significant impact upon these fauna species.

A minor watercourse 'Parker Brook' intersects the area under application, and therefore the application area may contain riparian vegetation. Given the small size (0.2 hectares) and degraded (Keighery 1994) condition of the vegetation under application the clearing as proposed is not likely to have a significant impact on this

watercourse.

The clearing proposed may increase sedimentation into 'Parker Brook', however given the small size (0.2 hectares) and degraded condition of the vegetation to be cleared, sedimentation is expected to be minimal and short term and therefore the clearing as proposed is not likely to cause deterioration in the quality of surface water.

There are no threatened ecological communities or conservation areas mapped within close proximity to the area under application.

There is approximately 35 per cent native vegetation remaining in the local area (10 kilometre radius). The area under application is located within the Jarrah Interim Biogeographic Regionalisation of Australia (IBRA) bioregion and is mapped as Beard Associations 3 and 978 which have 68 and 38 per cent of their pre European vegetation extent remaining (Government of Western Australia 2013). 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 mapped Beard vegetation associations within the application area are greater than the 30 per cent threshold, and given the small size and linear nature of the proposed clearing, the vegetation under application is not likely to represent a significant remnant.

Given the small size (0.2 hectares) of the vegetation proposed to be cleared and its degraded (Keighery 1994) condition, it is unlikely for the proposed clearing to cause or exacerbate land degradation or flooding, or consist of an area of high biodiversity.

The assessment of the proposed clearing identified that it may be at variance to principle (f) and is not likely to be at variance to the remaining clearing principles.

Methodology

References:

- Commonwealth of Australia (2001)
- DPaW (2007-)
- Keighery (1994)

GIS Databases:

- DEC, Tenure
- Hydrology, linear
- Pre-European vegetation
- SAC Bio datasets (Accessed October 2013)
- Soils, statewide

Planning instrument, Native Title, Previous EPA decision or other matter.

Comments

No Aboriginal Sites of Significance area located within the application area.

No submissions from the public have been received.

Methodology

GIS Databases:

- Aboriginal Sites of Significance

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- DPaW (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Parks and Wildlife. URL: <http://naturemap.dec.wa.gov.au/>. Accessed October 2013
- Government of Western Australia. (2013). 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. WA Department of Environment and Conservation, Perth.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.