

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5316 / 1

File Number:

2011/006781

Duration of Permit:

7 December 2012 to 7 December 2014

PERMIT HOLDER

City of Albany

LAND ON WHICH CLEARING IS TO BE DONE

Lot 1347 on Plan 7800 (FORTS MOUNT CLARENCE) Lot 1149 on Deposited Plan 203497 (MOUNT CLARENCE) Forts Road Reserve (MOUNT CLARENCE)

AUTHORISED ACTIVITY

Clearing of up to 0.995 hectares of native vegetation within the area hatched yellow on attached Plan 5316/1.

CONDITIONS

1. Avoid, minimise etc 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:

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

2. Dieback and weed control

- (a) 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;
 - (ii) shall only move soils in dry conditions;
 - (iii) ensure that no dieback or weed-affected soil, mulch, fill or other material is brought into the area to be cleared; and
 - (iv) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any weeds growing within areas cleared under this Permit.

DEFINITIONS

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

dieback means the effect of Phytophthora species on native vegetation;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

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

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;

weed/s means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the Agriculture and Related Resources Protection Act 1976.

M Warnock

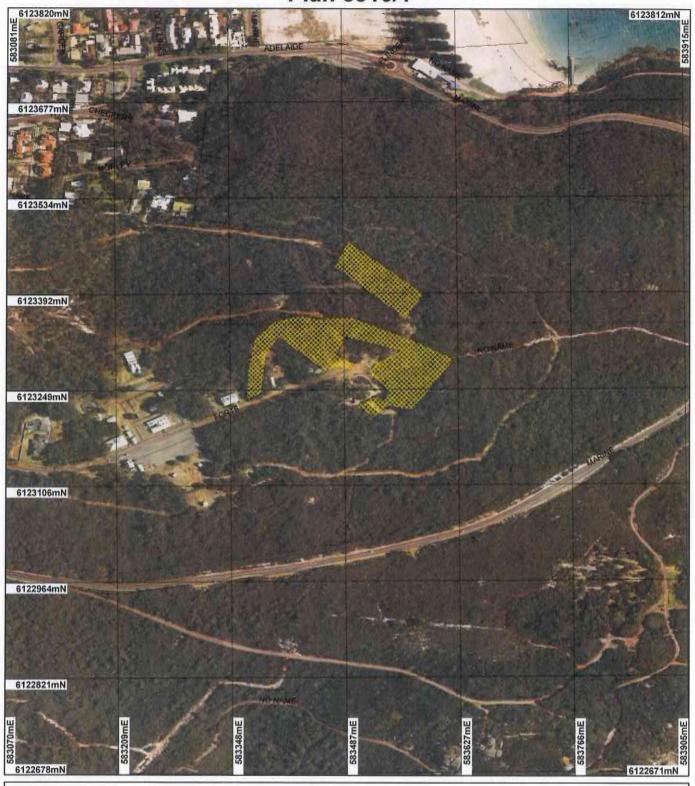
MANAGER, COMPLIANCE AND AUDIT SECTION NATIVE VEGETATION CONSERVATION BRANCH

Officer delegated under Section 20 of the Environmental Protection Act 1986

annel

15 November 2012

Plan 5316/1



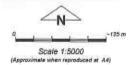
LEGEND



Noad Centrelines --> Image Index

Recently added

Clearing Instruments Albany Townsite Jan 2011



Geocentric Datum Australia 1994

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

Matt Warnock

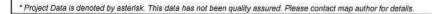
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

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



Department of Environment and Conservation

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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.:

5316/1

Permit type:

Area Permit

1.2. Proponent details

Proponent's name:

City of Albany

1.3. Property details

Property:

LOT 1347 ON PLAN 7800 (House No. 7 FORTS MOUNT CLARENCE 6330)

LOT 1149 ON PLAN 203497 (MOUNT CLARENCE 6330)

ROAD RESERVE (MOUNT CLARENCE 6330)

Local Government Area:

Colloquial name:

City of Albany

1.4. Application

Clearing Area (ha)

No. Trees

Method of Clearing

For the purpose of:

0.995 Mechanical Removal

Heritage Survey and Anzac Interpretive Centre

1.5. Decision on application

Decision on Permit Application:

Decision Date:

15 November 2012

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description

Clearing Description

Grant

The vegetation under application is mapped as:

The application is for the proposed clearing of 0.995 ha for the purpose of heritage survey.

Beard vegetation association:

3: Medium Forest; jarrahmarri.

(Shepherd 2007).

The vegetation proposed to be cleared consists of Gastralobium bilobum/ Hakea elliptica Granite Shrubland/Yate Woodland; Taxandria

marginata Granite Shrubland; and Marri/Jarrah Coastal Hill Forest (City of Albany, 2012).

Vegetation Condition

Excellent: Vegetation structure intact; disturbance affecting individual species, weeds nonaggressive (Keighery 1994) Comment

The vegetation condition and description was determined from aerial photography (Albany Townsite 2011) and supporting documentation provided by the applicant (City of Albany, 2012).

3. Assessment of application against clearing principles

Comments

The application is to clear up to 0.995 hectares of native vegetation through hand slashing for the purpose of a heritage survey. Trees and shrubs will be maintained and not cleared unless required for improved visibility (City of Albany 2012). Given the limited clearing, the proposed clearing is unlikely to have any significant environmental impacts.

The vegetation is considered to be in an excellent (Keighery, 1994) condition and consisting of Gastralobium bilobum/ Hakea elliptica Granite Shrubland/Yate Woodland; Taxandria marginata Granite Shrubland and Marri/Jarrah Coastal Hill Forest (Sandiford and Barrett, 2010). Measures should be implemented to mitigate the spread of weeds and dieback.

There are no rare or priority flora species or threatened ecological communities in the vicinity of the project and the vegetation to be cleared is well represented in the local area (40 per cent). In addition, given the small size of the clearing, It is unlikely for it to impact on significant fauna habitat, impact on nearby conservation areas, cause or exacerbate land degradation or flooding or impact on water quality.

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

Methodology

References

- Sandiford and Barrett (2010)
- City of Albany (2012)
- Keighery (1994)

GIS databases:

- Hydrography, linear DOW 13/7/06
- Pre-European vegetation DA 01/01
- SAC Bio datasets (01/11/2011)
- Albany Townsite Jan 2011 Mosaic
- Soils, Statewide

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

Comments

The clearing of 0.995 ha is for the purpose of a heritage survey prior to the construction of an Anzac Interpretive Centre. It is proposed for understorey vegetation to be slashed to allow for better visual inspection of the area with trees and shrubs to be retained were possible (City of Albany, 2012).

The application area occurs within the EPA Position Statement No 2 zone where further clearing for agricultural purpose are not recommended. The application is not for agricultural purposes.

The application area is zoned as local roads and parks and recreation under the City of Albany's Local Town Planning Scheme.

No submission has been received.

Methodology

References

- City of Albany (2012)

GIS databases:

- -Town Planning Scheme Zones
- EPA Position Statement No 2.

4. References

City of Albany (2012) Rare and Priority Flora on Mt Adelaide. Sandiford & Barrett 2010 extract. City of Albany, Western Australia (DEC Ref. A563038).

Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

Sandiford & Barrett (2010) Albany Regional Vegetation Survey, Extent Type and Status, A project funded by the Western Australian Planning Commission (EnviroPlanning ?Integrating NRM into Land Use Planning? and State NRM Program), South Coast Natural Resource Management Inc. and City of Albany for the Department of Environment and Conservation. Unpublished report. Department of Environment and Conservation, 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.

5. Glossary

Term Meaning

BCS Biodiversity Coordination Section of DEC

CALM Department of Conservation and Land Management (now BCS)

DAFWA Department of Agriculture and Food

DEC Department of Environment and Conservation
DEP Department of Environmental Protection (now DEC)

DoE Department of Environment

DoIR Department of Industry and Resources

DRF Declared Rare Flora

EPP Environmental Protection Policy
GIS Geographical Information System
ha Hectare (10,000 square metres)
TEC Threatened Ecological Community

WRC Water and Rivers Commission (now DEC)