



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5491/1
File Number: 2011/006781-2
Duration of Permit: From 19 April 2013 to 19 April 2015

PERMIT HOLDER

City of Albany

LAND ON WHICH CLEARING IS TO BE DONE

Lot 508 on Deposited Plan 64941, Mount Clarence
Lot 1139 on Deposited Plan 209034, Mount Clarence

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.13 hectares of native vegetation within the area shaded yellow on attached Plan 5491/1.

CONDITIONS

Dieback and 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) shall only move soils in *dry conditions*;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (d) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

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 any plant -

- (a) that is declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*;
or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments,
regardless of ranking; or
- (c) not indigenous to the area concerned.

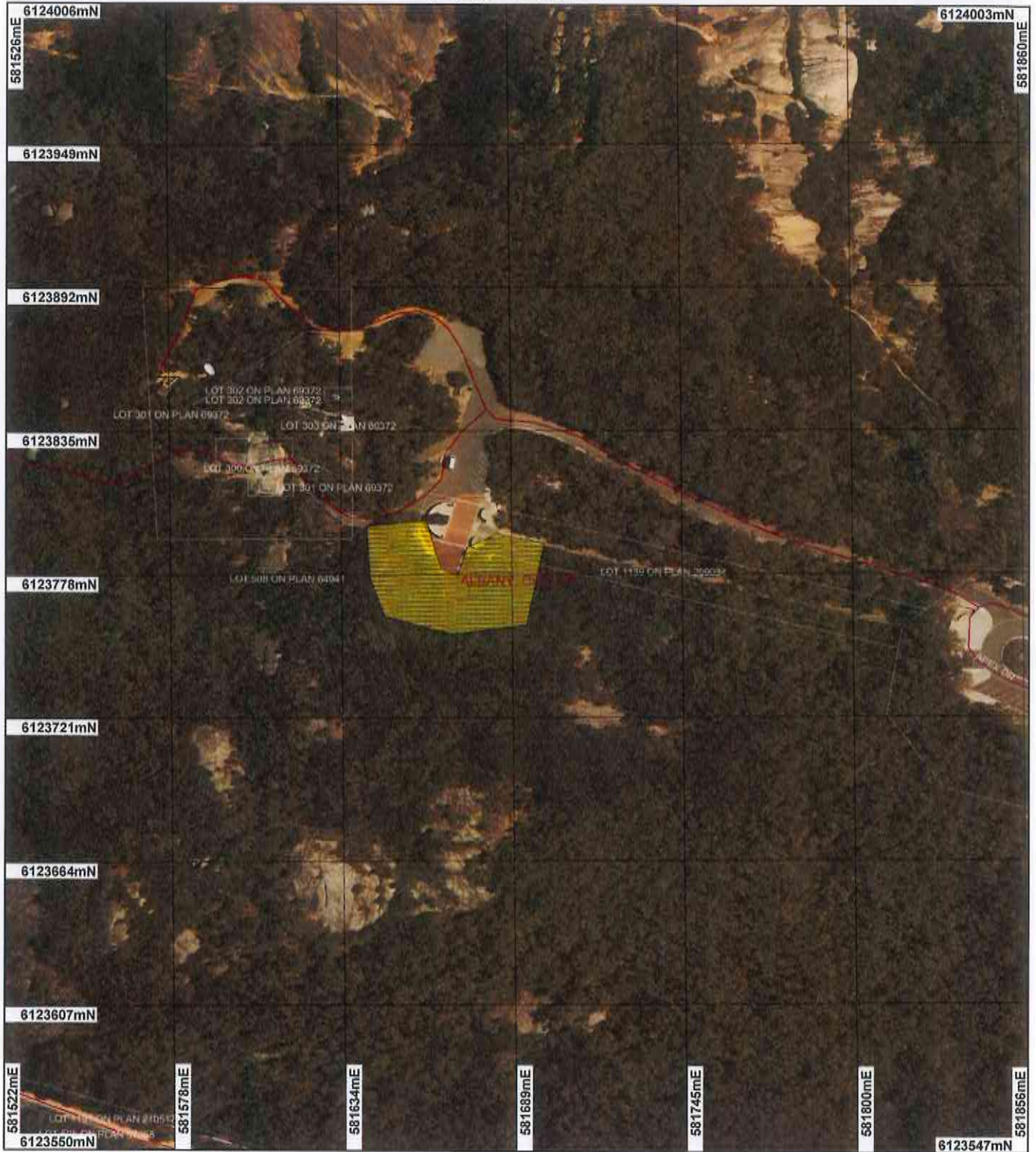


M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

28 March 2013

Plan 5491/1



LEGEND

- Road Centrelines
- Local Government Authorities
- Cadastre

- Clearing Instruments**
- Areas Approved to Clear
Albany Townsite Jan 2011
Mosaic



Scale 1:2000
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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

M Warnock Date: 28/3/13

M Warnock

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



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 5491/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Albany

1.3. Property details

Property: LOT 508 ON PLAN 64941 (Lot No. 508 APEX MOUNT CLARENCE 6330)
LOT 1139 ON PLAN 209034 MOUNT CLARENCE 6330)

Local Government Area: City of Albany

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.13		Cutting	Hazard reduction or fire control

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 28 March 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
Beard Vegetation Association: 3 - Medium forest; jarrah-marri (Shepherd et al, 2001).	The application is to clear up to 0.13 hectares of native vegetation within Lot 1139 on Deposited Plan 209034 (Reserve 27116) and Lot 508 on Deposited Plan 64941 (Reserve 2682), Mount Clarence, for the purpose of visitor risk mitigation	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994). To Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994).	Vegetation description and condition were determined through aerial imagery (Albany Townsite - Jan 2011 - Mosaic)

3. Assessment of application against clearing principles

Comments

The application is to clear up to 0.13 hectares of native vegetation for the purpose of visitor risk mitigation. The vegetation is considered to be in degraded to very good (Keighery 1994) condition.

There are no priority flora species or threatened ecological communities within close proximity to the application area. The Beard Vegetation Association mapped over the application area retains approximately 69 percent of its pre-European extent within the Jarrah Forest IBRA Bioregion (Government of Western Australia 2011). Given this, and the small size of the application area, it is unlikely the vegetation under application contains significant fauna habitat or that the proposed clearing will cause or exacerbate land degradation, flooding or impact on water quality.

There is one record of a rare flora species located approximately 100 metres from the application area. This species usually inhabits paperbark and flooded gum swamps and flats, but may also occur along creeklines in Jarrah and Karri forest (Brown et al. 1998). Given there are no watercourses within or adjacent to the vegetation, the application area is unlikely to contain rare flora species.

The application area is within the Mount Clarence Parklands. The disturbance caused by the proposed clearing may increase the risk of weeds and dieback spreading into the adjacent vegetation. Weed and dieback management practices will assist in reducing the potential impacts.

The assessment of the application identified that the clearing may be at variance to Principle (h) and is not likely to be at variance to any of the principles.

Methodology

References:
Brown et al. 1998
Government of Western Australia 2011

Keighery 1994
GIS Databases:
- SAC Biodatasets
- Pre-European Vegetation

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

Comments

The application is to clear up to 0.13 hectares of native vegetation the purpose of visitor risk mitigation. A memorial site adjacent to the application area acts as a gathering site for members of the public. The applicant has advised that parkland clearing the area will reduce the risk to public safety in case of a fire (City of Albany 2013).

Methodology

No public submissions were received in response to this application.
References:
City of Albany 2013

4. References

- Brown A., Thomson-Dans C. and Marchant N. (1998). Western Australia's Threatened Flora, Department of Conservation and Land Management, Western Australia.
- City of Albany (2013) Clearing Permit Application - Lot 508 on Deposited Plan 64941 and Lot 1139 on Deposited Plan 209034. DEC REF: A601614.
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). 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.

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)