



## 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*:

- (i) 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*

15 November 2012





## 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: City of Albany

Colloquial name:

### 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: Grant

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	Vegetation Condition	Comment
The vegetation under application is mapped as:	The application is for the proposed clearing of 0.995 ha for the purpose of heritage survey.	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)	The vegetation condition and description was determined from aerial photography (Albany Townsite 2011) and supporting documentation provided by the applicant (City of Albany, 2012).
Beard vegetation association: 3: Medium Forest; jarrah-marri. (Shepherd 2007).	The vegetation proposed to be cleared consists of <i>Gastrolobium bilobum</i> / <i>Hakea elliptica</i> Granite Shrubland/Yate Woodland; <i>Taxandria marginata</i> Granite Shrubland; and Marri/Jarrah Coastal Hill Forest (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 *Gastrolobium 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 where possible (City of Albany, 2012).

The application area occurs within the EPA Position Statement No 2 zone where further clearing for agricultural purposes 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)