



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

### PERMIT DETAILS

Area Permit Number: 3925/1

File Number: 2010/00650-1

Duration of Permit: From 14 November 2010 to 14 November 2012

### PERMIT HOLDER

Shire of Busselton

### LAND ON WHICH CLEARING IS TO BE DONE

Cape Naturaliste Road Reserve, DUNSBOROUGH 6281

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 3 native trees within the area cross-hatched yellow on attached Plan 3925/1.

### CONDITIONS

#### 1. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit, the areas shall be inspected by a *fauna specialist* who shall identify habitat/*habitat tree(s)* suitable to be utilised as habitat by fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2010(2)*.
- (b) Prior to clearing, any habitat/*habitat tree(s)* identified by condition 1(a) shall be inspected by a *fauna specialist* for the presence of fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2010(2)*.
- (c) Within one week prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *fauna clearing person* to remove and relocate fauna identified under condition 1(b).

#### 2. Recording

In relation to fauna management pursuant to condition 1 of this Permit:

- (i) the location of each habitat or habitat tree identified recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings;
- (ii) the species name of fauna reasonably likely to utilise, or that have been observed utilising, the habitat/*habitat tree(s)*; and
- (iii) the location and date where relocated fauna was released, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings.

#### 3. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
  - (i) of records required under condition 2 of this Permit; and
  - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.

- (b) Prior to 14 August 2012 the Permit Holder must provide to the CEO a written report of records required under condition 2 of this Permit where these records have not already been provided under condition 2(a) (reporting condition) of this Permit.

### **Definitions**

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

*fauna clearing person* means a person who has obtained a licence from the Department, issued pursuant to the *Wildlife Conservation Regulations 1970* authorising them to take fauna;

*fauna specialist* means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna;

*habitat tree(s)* means trees that have a diameter, at average adult human chest height, of greater than 70cm, healthy but with dead limbs and broken crowns that are likely to contain hollows and roosts suitable for native fauna, or where these are not present then healthy but with the potential to contain hollows and roosts;



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Matthew Warnock  
ACTING MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

14 October 2010



# Plan 3925/1



## LEGEND

- Cadastral for labelling
- Road Centrelines
- FW
- HY
- LRO (cont)
- LRS
- MR
- N
- TR
- Clearing Instruments**
- Areas Approved to Clear

Busselton Townsite 20cm  
Orthomosaic - Landgate  
2008



Scale 1:396  
(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 G Warnock* Date 14/10/10  
M G 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.



Department of  
Environment and Conservation

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\* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.





## 1. Application details

### 1.1. Permit application details

Permit application No.: 3925/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of Busselton

### 1.3. Property details

Property: ROAD RESERVE ( DUNSBOROUGH 6281)  
Local Government Area:  
Colloquial name:

### 1.4. Application

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

## 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: 1136 Medium woodland; marri with some jarrah, wandoo, river gum and casuarina	The proposal is to clear 3 native trees for the purpose of road widening.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The vegetation condition was determined site photos sent with the application by Shire of Busselton (Shire of Busselton 2010) and from aerial photography.
Mattiske Vegetation Complex: Lw Open woodland of Melaleuca raphiophylla and sedgeland of Cyperaceae-Restionaceae spp. on broad depressions in the subhumid zone.	The vegetation under application consists of 3 Agonis flexuosa trees over weedy grasses in a completely degraded condition.		

(Shepherd 2009, Mattiske et al 1998).

## 3. Assessment of application against clearing principles

### Comments

The proposal is to clear up to 3 *Agonis flexuosa* trees over weedy grasses for the purpose of road reconstruction and is considered unlikely to have any significant environmental impacts. The vegetation is considered to be in a completely degraded (Keighery, 1994) condition.

There are no declared rare flora species or threatened ecological communities in the vicinity of the project. The proposed clearing is unlikely to impact on significant fauna habitat; impact on conservation areas; or cause or exacerbate land degradation, water quality or flooding. However, given that the vegetation under application consists of *Agonis flexuosa* trees, it may contain Western Ringtail Possum (*Pseudocheirus occidentalis*) nesting habitat and therefore a fauna management condition will be placed on the permit.

The vegetation under application is not considered to be representative of mapped vegetation association in the area.

Based on the information above, it is considered that the proposed clearing is not at variance to any of the principles.

### Methodology

References  
-Keighery (1994)  
-Commonwealth of Australia (2001)  
-Shepherd (2009)  
GIS Databases  
-SAC Bio Datasets ( 01/09/2010)  
-Pre European Vegetation  
-Mattiske Vegetation Complex

- Hydrography, linear
- NLWRA, Current Extent of Native Vegetation
- Interim Biogeographic Regionalisation of Australia
- Soils, Statewide
- DEC, Tenure

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

#### Comments

The proposal is for clearing of 3 native trees at the corner of Cape Naturaliste Road and Dunn Bay Road for upgrading of existing road infrastructure.

The area under application is zoned road reserve under and is vested with the Shire of Busselton.

#### Methodology

- GIS Databases
- Town Planning Scheme Zones

## 4. References

Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.

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

Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment Australia.

Shepherd, D.P. (2009) Adapted from: 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.

Shire of Busselton (2010) Area Permit Application for Cape Naturaliste Road Reserve and additional information. DEC ref A327743

## 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)