



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 3640/1  
File Number: DEC14730  
Duration of Permit: From 22 May 2010 to 22 May 2012

### PERMIT HOLDER

Shire of Busselton

### LAND ON WHICH CLEARING IS TO BE DONE

Wilyabrup Road, Wilyabrup (ROAD RESERVE – PIN1323079)

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.47 hectares of native vegetation within the area cross hatched yellow on attached Plan 3640/1.

### 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. Flora management

- (a) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *botanist* to inspect that area for the presence of the following rare flora listed in the *Wildlife Conservation (Rare Flora) Notice 2010*:
  - (i) *Caladenia excelsa*.
- (b) Where rare flora are identified in relation to condition 2(a) of this Permit, the Permit Holder shall ensure that:
  - (i) all records of rare flora are submitted to the CEO; and
  - (ii) no clearing occurs within 50 metres of identified rare flora, unless approved by the CEO.

#### 3. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to condition 2 of this Permit:

- (a) the location of each rare flora species recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings; and
- (b) the species name of each rare flora species identified.

#### 4. Reporting

- (a) The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 3 of this Permit and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.

- (b) Prior to 22 February 2012, the permit holder must provide to the CEO a written report of records required under condition 3 of this Permit where these records have not already been provided under condition 4 (a) of this Permit.

**Definitions**

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

*botanist* means a person with specific training and/or experience in the ecology and taxonomy of Western Australian flora;



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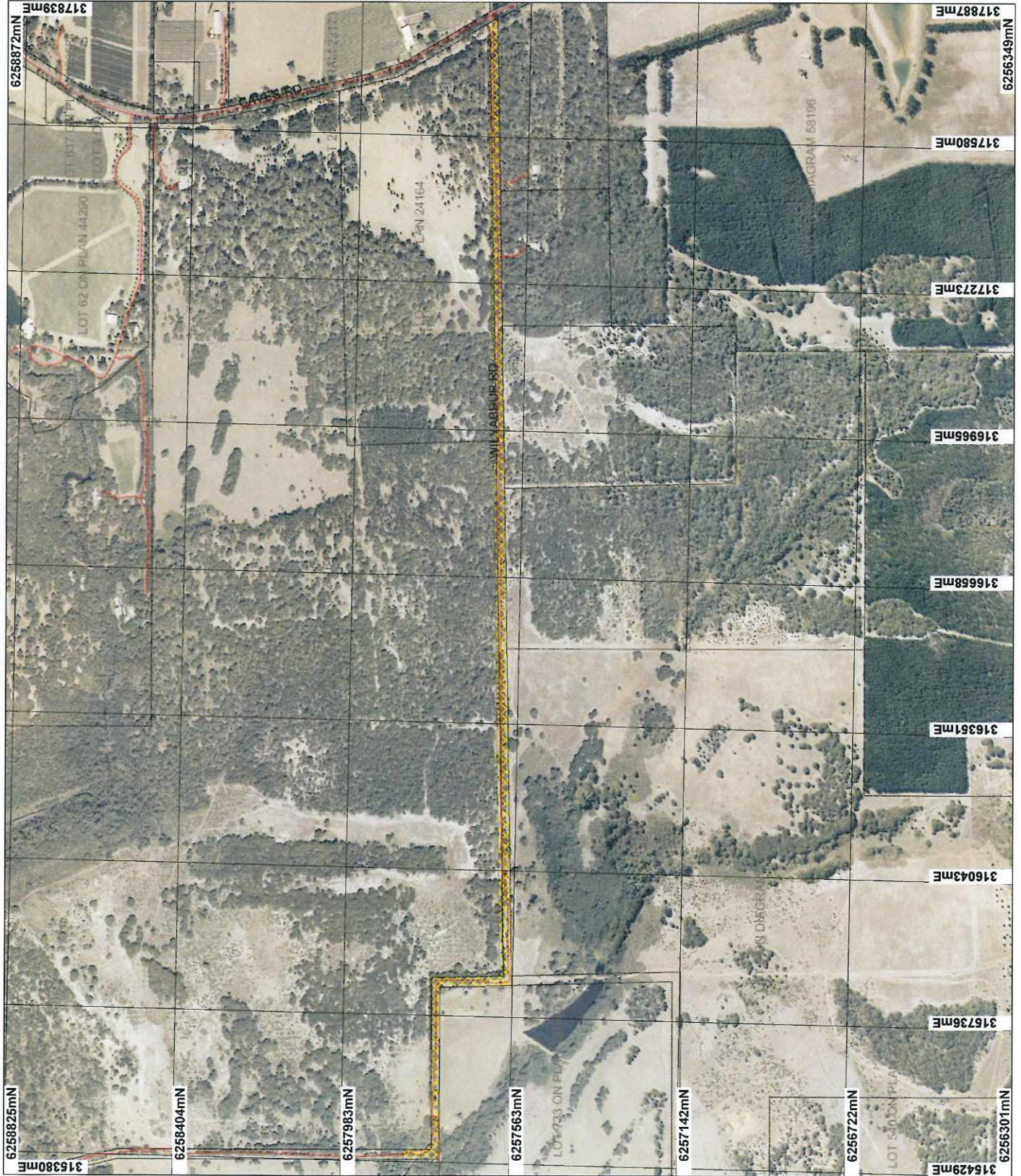
Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

22 April 2010



# Plan 3640/1



## LEGEND

- Cleaning Instrument
- Areas Approved to Clear
- Road Centrelines
- Cadastral for labellir
- Busselton 50cm Ort
- 2007



Scale 1:12002  
(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.

*K Faulkner* Date 22/4/10

K Faulkner

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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## 1. Application details

### 1.1. Permit application details

Permit application No.: 3640/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of Busselton

### 1.3. Property details

Property: ROAD RESERVE ( WILYABRUP 6280)  
Local Government Area:  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.47		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: 3 - Medium forest; jarrah-marri 990 - Low forest: peppermint (Agonis flexuosa) 1109 - Shrublands; peppermint scrub, Agonis flexuosa Shepherd (2007)	The application is for the clearing of 0.47ha of roadside vegetation for the purpose of upgrading Wilyabrup Road.  The vegetation under application is considered to be in a good (Keighery, 1994) condition.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Condition of vegetation under application was assessed through aerial photography.

Mattiske Vegetation Association:  
C2 - Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla-Banksia grandis on lateritic uplands in perhumid and humid zones.  
Cd - Woodland of Eucalyptus marginata subsp. marginata-Corymbia calophylla-Banksia ilicifolia on sandy rises and low woodland of Melaleuca preissiana on lower slopes in the hyperhumid to humid zones.  
Cr - Woodland of Corymbia calophylla-Eucalyptus marginata subsp. marginata-Agonis flexuosa, woodland of Banksia littoralis and closed heath on rocky slopes in hyperhumid and perhumid zone.  
Cw2 - Woodland of Eucalyptus marginata subsp. marginata-

Corymbia calophylla on slopes and low woodland of Melaleuca preissiana-24  
Banksia littoralis on depressions in perhumid and humid zones.  
Mattske (1998)

### 3. Assessment of application against clearing principles

#### Comments

The proposal to clear 0.47ha of native vegetation for the purpose of upgrading existing road infrastructure may have detrimental environmental impacts. Wilyabrup road reserve may possibly support rare flora species Caladenia excelsa (DEC, 2010). A condition will be placed on the permit to ensure clearing of native vegetation is not undertaken within 50m of rare flora species.

The vegetation under application is considered to be in a good (Keighery, 1994) condition. On both sides of the application area the vegetation contained within the road reserve has been classified as having a high conservation value (RCC, 2010) except the western end of the application area which is classified as having Medium High conservation value. Clearing to one side of the road in is advised.

No threatened ecological communities have been identified in the vicinity of the project (5km radius) and the vegetation to be cleared is well represented in the local area. The clearing is unlikely to have a detrimental impact on fauna given the high amount of remnant vegetation surrounding the application area.

The proposed clearing for road works may cause some short term water quality issues in terms of localised surface water sedimentation and flooding during works. However, these issues should be minimised as road works will include roadside infrastructure to prevent water quality issues and flooding associated with roads (ie table drains and culverts).

It is considered that the vegetation under application may contain rare flora and therefore may be at variance to Principle c. the proposal is not likely to be at variance to any of the remaining principles.

#### Methodology

##### References:

DEC (2010)  
Keighery (1994)  
RCC (2010)

##### GIS Databases:

- CALM Managed Lands & Waters - CALM 01/06/05
- Clearing Regulations - Environmentally Sensitive Areas - 30 May 2005
- Groundwater Salinity, statewide - DoW 13/07/06
- Hydrogeographic Catchments, Catchments - DoW 01/06/07
- Hydrogeology, statewide - DOW 13/07/06
- Hydrography, linear DOW 13/7/06
- Mattiske Vegetation Complexes (01/03/1998)
- Pre-European vegetation - DA 01/01
- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05
- SAC Biodatasets 13/04/10

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

#### Comments

No submissions from the public have been received.

#### Methodology

### 4. Assessor's comments

#### Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing is may be at variance to Principle (c) and is not likely to be at variance to the remaining clearing Principles.

### 5. References

DEC (2010). South West Regional Advice received. Department of Environment and Conservation. DEC Ref: A299084  
Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.  
Mattske, 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.

RCC (2010). Road Conservation Committee Value Mapping, Shire of Busselton. Roadside Conservation Committee February 2009.

Shepherd, D.P. (2007) 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.

## 6. Glossary

Term	Meaning
CALM	Department of Conservation and Land Management (now DEC)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment (now DEC)
DoW	Department of Water
DMP	Department of Mines and Petroleum (ex DoIR)
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)