



GOVERNMENT OF  
WESTERN AUSTRALIA

## CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

### PERMIT DETAILS

Area Permit Number: 4290/1  
File Number: 2011/002610-1  
Duration of Permit: From 6 June 2011 to 6 June 2013

### PERMIT HOLDER

Shire of Woodanilling

### LAND ON WHICH CLEARING IS TO BE DONE

Cartmeticup Road reserve (Woodanilling 6316)  
Robinson Road reserve (Woodanilling 6316)

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.25 hectares of native vegetation within the area shaded yellow on Plan 4290/1a (Cartmeticup Road reserve, Woodanilling) and 6 native trees within the area shaded yellow on Plan 4290/1b (Robinson Road reserve, Woodanilling).

### 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. 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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:

*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*.



---

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

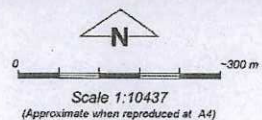
12 May 2011

# Plan 4290/1a



## LEGEND

- Clearing Instruments**
- Areas Approved to Clear
  - Road Centrelines
  - Cadastre
- Kojonup 50cm Orthomosaic - Landgate 2006



Geocentric Datum Australia 1994  
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

*[Signature]* Date 12/5/14  
 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.



Department of Environment and Conservation

Our environment, our future  
 WA Crown Copyright 2002

# Plan 4290/1b



## LEGEND

- Clearing Instruments**
- Areas Approved to Clear
  - Road Centrelines
  - Cadastre
  - Kojonup 50cm Orthomosaic - Landgate 2006



0  625 m

Scale 1:20872

(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

*[Signature]* Date 12/5/11

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.



Department of Environment and Conservation

Our environment. our future  
WA Crown Copyright 2002



## 1. Application details

### 1.1. Permit application details

Permit application No.: 4290/1

Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of Woodanilling

### 1.3. Property details

Property: ROAD RESERVE (WOODANILLING 6316)

ROAD RESERVE (WOODANILLING 6316)

Local Government Area: Shire of Woodanilling

Colloquial name: Robinson and Cartmeticup Road reserves

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.25	6	Mechanical Removal	Road construction or maintenance

### 1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 12 May 2011

## 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 Beard vegetation association 1023 which is described as 'Medium woodland; York gum, wandoo & salmon gum (Eucalyptus salmonophloia)' (Shepherd, 2009).	The Shire of Woodanilling is proposing to clear 6 large trees within Robinson Road and 0.25 hectares of native vegetation within Cartmeticup Road.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The condition of the vegetation under application was determined via digital imagery (Kojonup 50cm Orthomosaic - Landgate 2006) and through photos supplied by the applicant.

## 3. Assessment of application against clearing principles

### Comments

The proposal is to clear 0.25 hectares of native vegetation within Cartmeticup Road reserve and 6 native trees within Robinson Road reserve for the purpose of widening and sealing shoulders.

The Shire of Woodanilling has been extensively cleared and has approximately 20 per cent of its pre European extent remaining (Shepherd, 2009). In addition, vegetation association 1023 retains less than 11 per cent of its pre European extent (Shepherd, 2009).

Roadside vegetation is significant as a linear linkage in a highly cleared landscape. Therefore, clearing the road reserve vegetation may hinder flora and fauna dispersal.

Robinson Road is recorded by the Roadside Conservation Committee as a declared flora road and is mapped as having a medium to high conservation value (RCC, 2011).

Given the above, the application may be at variance to principles (a), (b) and is at variance to principle (e).

Groundwater salinity in this area is 14000-35000mg/L which is highly saline. The removal of deep rooted native vegetation may impact on the groundwater levels and salinity. Given this the proposal may be at variance to principle (i).

The proposal may cause some short term land degradation issues in terms of water logging and soil erosion during works. However, these issues should be minimal as the existing roads should already have road side infrastructure in place to prevent land degradation associated with roads, ie; table drains and culverts.

This application is at variance to principle (e), may be at variance to principles (a), (b) and (i) and is not likely to be at variance to the remaining clearing principles.

**Methodology**   References:  
Shepherd (2009)  
RCC (2011)

GIS Database:  
- Kojonup 50cm Orthomosaic - Landgate 2006  
- Local Government Authorities - DLI 8/07/04  
- Pre European Vegetation (DA 2001)  
- SAC Biodatasets (accessed Feb 2011)

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

#### **Comments**

The Roadside Conservation Committee (RCC, 2011) has advised that the removal of vegetation along a declared Flora Road is not favourable unless road safety matters require the clearing. In the event that the Shire is required to clear this vegetation for road safety reasons the RCC would expect that clearing is undertaken in line with best practice technique and ongoing management to avoid additional weed encroachment into this area which would significantly compromise the declaration of this Flora Road.

**Methodology**   References:  
RCC (2011)

GIS Database:  
- Environmental Protection Authority - Position Paper No. 2

#### **4. References**

- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Roadside Conservation Committee (2011) Advice for clearing permit application CPS 4290/1, Cartmeticup Road reserve and Robinson Road reserve, Woodanilling (DEC Ref: A390063).
- 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.

#### **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)