



## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Area Permit Number: 5488 / 1  
File Number: 2011/006864-1  
Duration of Permit: From 12 April 2013 to 12 April 2015

### **PERMIT HOLDER**

Shire of Manjimup

### **LAND ON WHICH CLEARING IS TO BE DONE**

Yanmah Road reserve (PIN 11590824) (YANMAH 6258)

### **AUTHORISED ACTIVITY**

The Permit Holder shall not clear more than 0.13 hectares of native vegetation within the area cross hatched yellow on attached Plan 5488/1.

### **CONDITIONS**

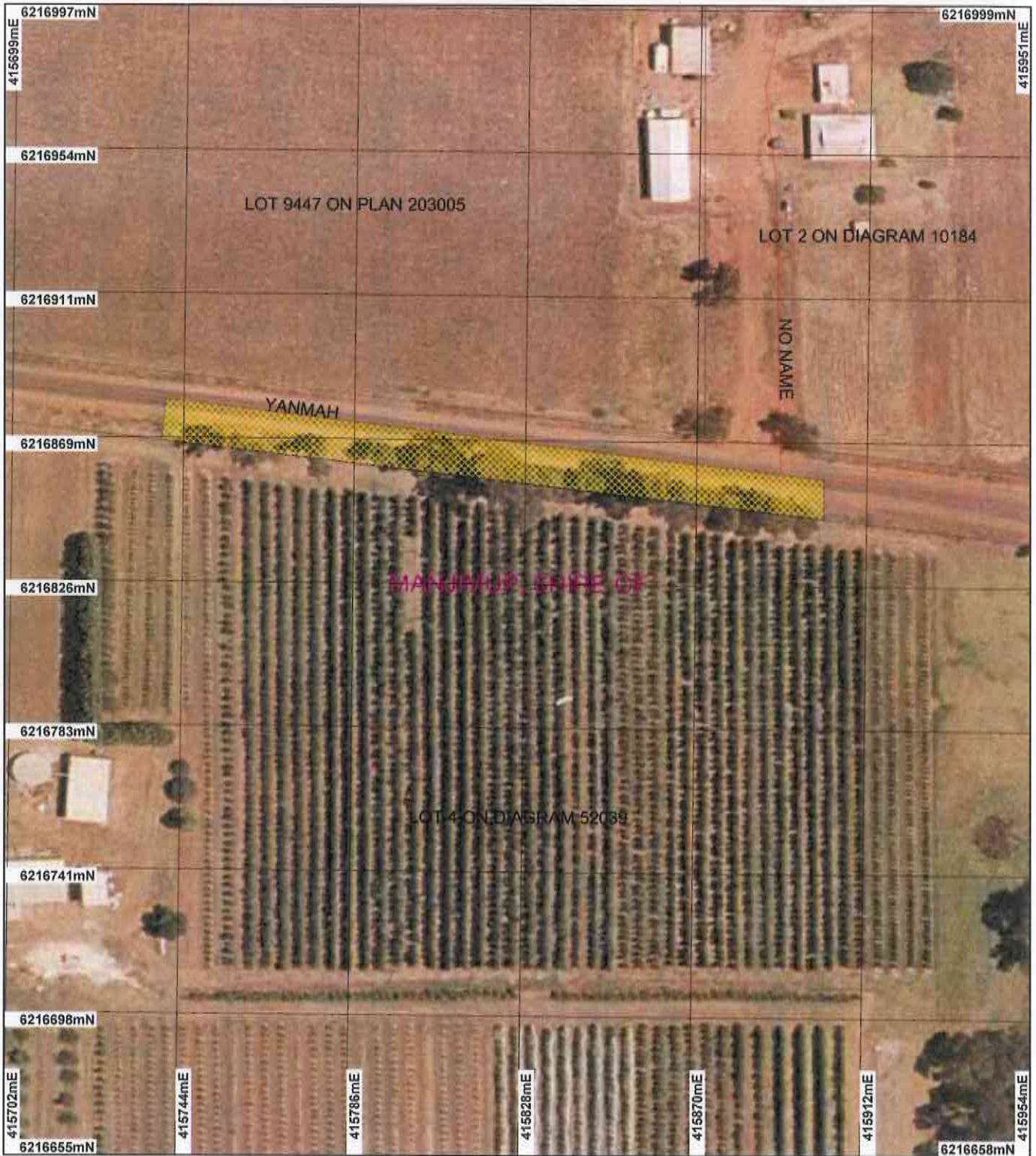
Nil.

M Warnock  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

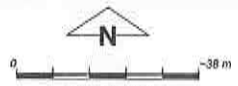
21 March 2013

# Plan 5488/1



## LEGEND

- |   |                         |
|---|-------------------------|
| Road Centrelines                          | Clearing Instruments    |
| Cadastre                                  | Areas Approved to Clear |
| Manjimup 50cm Orthomosaic - Landgate 2007 |                         |
| Local Government Authorities              |                         |



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 21/3/13  
M 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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## 1. Application details

### 1.1. Permit application details

Permit application No.: 5488/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of Manjimup

### 1.3. Property details

Property: ROAD RESERVE ( YANMAH 6258)  
Local Government Area: Shire of Manjimup  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.13		Mechanical Removal	Miscellaneous

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 21 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 proposed clearing of 0.13 hectares within Yanmah Road reserve is for the purpose of increasing sunlight exposure to an adjacent orchard.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).	The vegetation condition and description was determined from aerial photography (Manjimup 50cm Orthomosaic - Landgate 2007) and site visit by Department of Environment and Conservation officers on the 18 March 2013 (DEC, 2013).
Mattiske vegetation complex: CL1: Mosaic of open forest of Eucalyptus marginata subsp. marginata-Banksia spp. on well drained sites, with some Eucalyptus decipiens on lower slopes in southern areas, woodland of Eucalyptus rudis-Melaleuca preissiana-Banksia littoralis on depressions in perhumid and humid zones (Mattiske and Havel 1998).	The vegetation is in degraded (Keighery 1994) condition and consists of Marri, Jarrah and Black Butt with Bracken Fern over a ground cover of introduced grasses (DEC, 2013).  The vegetation proposed to be cleared is on the southern side of Yanmah Road and is located between the road drain and an orchard on the neighbouring property. The road reserve to the east and west of the application area is cleared and the vegetation under application is an isolated strip of vegetation 165 metres long and approximately 5 metres wide. There are cleared paddocks to the north of the application area (DEC, 2013).		

## 3. Assessment of application against clearing principles

### Comments

The application is to clear 0.13 hectares of native vegetation for the purpose of increasing sunlight exposure to an adjacent orchard is unlikely to have any significant environmental impacts. The vegetation is in a degraded (Keighery, 1994) condition, consists of Marri, Jarrah and Black Butt with Bracken Fern, over a ground cover of introduced grasses (DEC, 2013).

The local area (10 kilometre radius) is 50 percent vegetated and the mapped vegetation types are well represented, retaining over 60 percent of the pre-European extents (Shepherd, 2007; Government of Western Australia, 2011). The majority of the native vegetation in the local area is within the North Donnelly State Forest, approximately 600 metres to the northeast and the Donnelly State Forest, 7 kilometres south of the application area. These areas are likely to support vegetation in better condition than the application area.

The application area contains 6 mature trees that may contain nesting hollows for native fauna (DEC, 2013). The remaining trees are regrowth and do not contain large hollows (DEC, 2013). Considering the amount of vegetation in the local area and the small, degraded (Keighery, 1994) area proposed to be cleared, the vegetation under application is not likely to be significant as fauna habitat.

There are no threatened ecological communities within the local area and the closest records of priority and rare flora are at least 6.3 kilometres away from the application area. The vegetation proposed to be cleared is a narrow, isolated strip of vegetation in degraded (Keighery, 1994) condition and is unlikely to contain high biodiversity value or flora and vegetation communities of conservation significance.

The vegetation under application is within the Donnelly River Area (under the *Rights in Irrigation and Water Act 1914*) and an un-assigned Public Drinking Water Source Area (PDWSA). The nearest mapped water bodies are a water dam and perennial lake, approximately 20 metres south and 141 metres east of the application area respectively. Given the small size of 0.13 hectares and distance to water courses, the proposed clearing is unlikely to result in significant impacts to water quality or quantity, cause flooding or appreciable land degradation.

Considering the distance to the North Donnelly and Donnelly State Forests is at least 600 metres and 7 kilometres, respectively, and that the proposed clearing is of a small, isolated and degraded (Keighery, 1994) strip of vegetation, the proposed clearing is unlikely to impact the values of these conservation areas.

Given the above, the proposed clearing is not likely to be at variance to the clearing principles.

**Methodology**

- DEC (2013)
- Keighery (1994)
- Government of Western Australia
- Shepherd (2007)

GIS databases:

- Manjimup 50cm Orthomosaic - Landgate 2007
- Matiske Vegetation Complexes
- Pre-European vegetation
- RIWI Act, Areas
- SAC Bio datasets (Accessed 27 February 2013)
- Hydrography, linear
- Public Drinking Water Source Areas (PDWSAS)
- DEC Managed Lands

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

##### **Comments**

The clearing of 0.195 hectares is for the purpose of increasing sunlight exposure to an adjacent orchard.

The vegetation under application is within the Donnelly River Surface Water Area (proclaimed under the *Rights in Irrigation and Water Act 1914*) and an un-assigned Public Drinking Water Source Area (PDWSA). The proposed clearing is unlikely to impact water availability or the PDWSA.

No submissions from the public have been received.

There are no Aboriginal sites of significance mapped within the application area.

**Methodology**

GIS databases:

- Public Drinking Water Source Areas (PDWSAS)
- Aboriginal Sites of Significance

#### **4. References**

- DEC (2013) Site Inspection Report for Clearing Permit Application CPS 5488/1, Yanmah Road Reserve, Yanmah. Site inspection undertaken 18/03/2013. Department of Environment and Conservation, Western Australia. DEC Ref. A611175.
- 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.
- Matiske, 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. (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.
- 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)