



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 7588/1
<b>Permit Holder:</b>	Shire of Murray
<b>Duration of Permit:</b>	From 29 July 2017 to 29 July 2022

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

### PART I – CLEARING AUTHORISED

**1. Purpose for which clearing may be done**

Clearing for the purpose of road widening.

**2. Land on which clearing is to be done**

Lakes Road reserve (PIN 1362216), North Dandalup

**3. Area of Clearing**

The Permit Holder shall not clear more than 0.012 hectares of native vegetation within the area cross-hatched yellow on attached Plan 7588/1.

**4. Application**

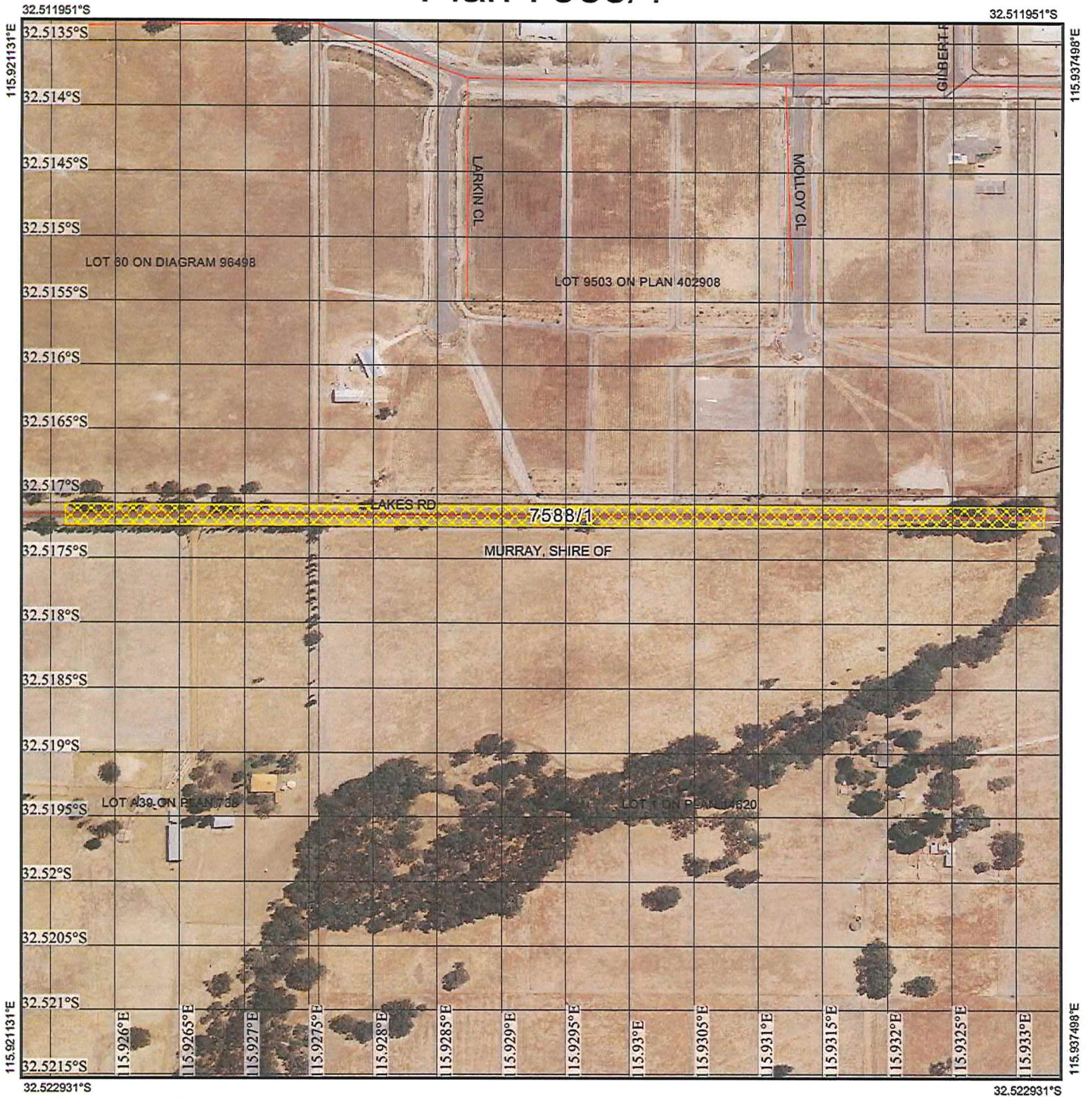
This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation authorised under this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

Mathew Gannaway  
MANAGER  
CLEARING REGULATION






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

29 June 2017

# Plan 7588/1



## Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



0 200m

1:4,000

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*Mathew Gannaway* Date 29/6/2017

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986



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## 1. Application details

### 1.1. Permit application details

Permit application No.: 7588/1  
Permit type: Purpose Permit

### 1.2. Applicant details

Applicant's name: Shire of Murray

### 1.3. Property details

Property: Lakes Road reserve (PIN 1362216), North Dandalup  
Local Government Authority: Shire of Murray  
DER Region: Greater Swan  
DPaW District: Swan Coastal  
LCDC: Dandalup - Murray  
Localities: North Dandalup

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.012		Mechanical Removal	Road widening

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 29 June 2017  
Reasons for Decision: The clearing permit application is to clear 0.012 hectares of native vegetation for the purpose of road widening, and was received on 10 May 2017.

The clearing permit application has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*, and it has been concluded that the proposed clearing is not at variance to Principle (d), and is not likely to be at variance to any of the remaining clearing Principles.

The Delegated Officer determined that the proposed clearing is unlikely to have any significant environmental impacts.

## 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 within the application area is mapped as Heddle vegetation Guildford complex, which is described as a mixture of open forest to tall open forest of <i>Corymbia calophylla</i> (marri) - <i>Eucalyptus wandoo</i> (wandoo) - <i>Eucalyptus marginata</i> (jarrah) and woodland of <i>Eucalyptus wandoo</i> (wandoo) (with rare occurrences of <i>Eucalyptus lane-poolei</i> (salmon white gum)). Minor components include <i>Eucalyptus rudis</i> (flooded gum) - <i>Melaleuca raphiophylla</i> (swamp paperbark) (Heddle et al., 1980).	The applicant has proposed to clear 0.012 hectares of native vegetation within Lakes Road reserve for the purpose of road widening.	Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).	Vegetation description and condition were determined by officers from DER during a site inspection (DER, 2017).

A site inspection was conducted by officers from the Department of Environment Regulation (DER) on 16 June 2017 (DER, 2017). Vegetation within the application area was observed to be in completely degraded (Keighery, 1994) condition, with flooded gum, marri  
CPS 7588/1

trees and *Melaleuca* sp. over a non-native understorey (DER, 2017).

### 3. Assessment of application against clearing principles

#### Comments

The applicant proposes to clear up to 0.012 hectares of native vegetation within Lakes Road reserve, North Dandalup, for the purpose of road widening.

The vegetation within the application area is in completely degraded (Keighery, 1994) condition with no native understorey, and consists of a non-continuous line of trees and shrubs in the western and eastern end of the application area (DER, 2017). Vegetation within the application area is not continuous, and is not likely to provide a significant ecological linkage along Lakes Road. No trees within the application area were of a size suitable to provide black cockatoo nesting habitat (DER, 2017). Marri trees within the application area may provide foraging habitat for black cockatoos, however marri trees also occur within the road reserve outside the application area, and the proposed clearing is not likely to impact the local availability of black cockatoo foraging resources. The majority of trees within the application area were flooded gum, which are not considered to provide significant black cockatoo habitat.

Given the condition of vegetation, there is a low risk of impacts to rare or priority flora as a result of the proposed clearing. The vegetation within the application area does not represent a threatened or priority ecological community (DER, 2017).

The surrounding area has been extensively cleared for agricultural and residential land uses. The vegetation within the application area is in completely degraded (Keighery, 1994) condition, and no longer represents the mapped pre-European vegetation. Given this, the application area is not considered to be a significant remnant of native vegetation in an area that has been extensively cleared.

	Pre-European (ha)	Current Extent (ha)	Remaining (%)	Percentage of current extent in Parks and Wildlife Managed Lands
IBRA Bioregion* - Swan Coastal Plain	1,501,221.93	578,432.17	38.53	37.85
Shire* - Shire of Murray	170,583.58	87,478.69	51.28	83.64
Heddle Vegetation Complex in Swan Coastal Plain **				
Guildford Complex	90,513.13	4,532.50	5.01	0.30

Approximately 0.005 hectares in the south-eastern corner of the application area intersects a multiple use category palusplain wetland. The site inspection did not identify any native vegetation in this area. Outside the mapped wetland, the application area contains flooded gum and *Melaleuca* sp. (DER, 2017). While these species are known to occur in association with wetter areas, they may also occur outside of wetlands and watercourses and are not a definite indication of vegetation growing in association with a watercourse or wetland.

There are three Bush Forever sites in the local area (10 kilometre radius), however the nearest is 7.5 kilometres from the application area, and the proposed clearing is not likely to impact the environmental values of this conservation area.

Given the condition of native vegetation and size of the application area, the proposed clearing is not likely to cause appreciable land degradation, cause deterioration in the quality of groundwater, or cause or exacerbate the incidence or intensity of flooding.

Given the above, the proposed clearing is not at variance to Principle (d), and is not likely to be at variance to the remaining clearing Principles.

#### Methodology

##### References:

DER (2017)  
 \*Government of Western Australia (2016)  
 \*\*Heddle et al. (1980)  
 Keighery (1994)

##### GIS Databases:

Geomorphic Wetlands (Classification), Swan Coastal Plain  
 Hydrography, linear  
 Imagery  
 NLWRA, current extent of native vegetation  
 Parks and Wildlife tenure  
 SAC bio datasets (accessed June 2017)

## Planning instruments and other relevant matters.

**Comments** The clearing permit application was advertised on DER's website on 26 May 2017 and in *The West Australian* newspaper on 29 May 2017 for a public submission period ending on 17 June 2017.

One submission was received, raising the following comments (Submission, 2017):

- the local area has been extensively cleared;
- the application did not state how much vegetation on each side of the road is to be cleared;
- the calculation of vegetation to be removed seemed low for the length of road to be widened;
- it is unacceptable to remove all native vegetation within the portion of the road reserve;
- the application area may impact rare and priority flora, and a flora survey should be conducted;
- the proposed clearing is not likely to benefit road safety;
- an area of equal size to the proposed clearing should be revegetated;
- the applicant should provide a close out report to DER and relevant stakeholders if a permit is granted; and
- several road safety recommendations.

Comments related to environmental impacts are addressed in the above assessment.

**Methodology** References:  
Submission (2017)

## 4. References

- Department of Environment Regulation (DER) (2017) CPS 7588/1, CPS 7589/1 and CPS 7590/1 site inspection report. Department of Environment Regulation (DER REF: A1456780).
- Government of Western Australia (2016) 2016 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2016. WA Department of Parks and Wildlife, Perth.
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Submission (2017) Submission received in relation to CPS 7588/1, CPS 7589/1 and CPS 7590/1 - Shire of Murray (DER REF: A1449410).