



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: CPS 8073/1

Duration of Permit: From 15 September 2018 to 15 September 2020

### PERMIT HOLDER

Shire of Serpentine Jarrahdale

### LAND ON WHICH CLEARING IS TO BE DONE

Jarrahdale Road reserve (PINs 11539434 and 11539429), Jarrahdale.

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than eight native trees within the combined areas cross-hatched yellow on attached Plan 8073/1a and Plan 8073/1b.

### CONDITIONS

#### 1. Avoid, minimise and reduce the impacts and extent of 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. Dieback and 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* and *dieback*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *dieback* or *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.

### RECORD KEEPING AND REPORTING

#### 3. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit, in relation to the clearing of native vegetation authorised under this Permit:

- (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) the date that the area was cleared;
- (c) the size of the area cleared (in hectares);
- (d) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 1 of this Permit; and
- (e) actions taken to minimise the introduction and spread of *weeds* and *dieback* in accordance with condition 2 of this Permit.

#### 4. Reporting

The Permit Holder must provide to the CEO the records required under condition 3 of this Permit, when requested by the CEO.

## DEFINITIONS

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

**CEO:** means the Chief Executive Officer of the Department responsible for the administration of the clearing provisions under the *Environmental Protection Act 1986*;

**dieback** means the effect of *Phytophthora* species on native vegetation;

**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 any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*;  
or
- (b) published in a Department of Biodiversity, Conservation and Attractions Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



Abbie Crawford  
MANAGER  
NATIVE VEGETATION REGULATION







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

16 August 2018

# Plan 8073/1a



## Legend

-  Roads - Main Road
-  Roads - Local and Others - Bridges
-  Imagery
-  Cadastre
-  Clearing Instruments Activities
-  Local Government Authority



1:365

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*[Signature]* Date 16/8/18

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









GOVERNMENT OF  
WESTERN AUSTRALIA  
WA Crown Copyright 2018

# Plan 8073/1b



## Legend

-  Roads - Main Road
-  Roads - Local and Others - Bridges
-  Imagery
-  Cadastre
-  Clearing Instruments Activities
-  Local Government Authority



(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*Clampnet* Date 16/8/18



GOVERNMENT OF  
WESTERN AUSTRALIA  
WA Crown Copyright 2018



## 1. Application details

### 1.1. Permit application details

Permit application No.: 8073/1  
Permit type: Area Permit

### 1.2. Applicant details

Applicant's name: Shire of Serpentine Jarrahdale

### 1.3. Property details

Property: Jarrahdale Road reserve (PIN 11539434, 11539429)  
Local Government Authority: SERPENTINE JARRAHDAL, SHIRE OF  
Localities: JARRAHDAL

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
	8	Mechanical Removal	Road construction or upgrades

### 1.5. Decision on application

Decision on Permit Application: Granted  
Decision Date: 16 August 2018

Reasons for Decision: The clearing permit application was received by the Department of Water and Environmental Regulation (DWER) on 15 May 2018 and has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

In determining to grant a clearing permit subject to conditions, the Delegated Officer found that the proposed clearing is unlikely to lead to an unacceptable risk to the environment.

The Delegated Officer determined that the proposed clearing may increase the spread of weeds and dieback into adjacent vegetation. To minimise this impact, a condition has been placed on the permit requiring the implementation of weed and dieback management measures.

## 2. Site Information

**Clearing Description:** The application is for the proposed clearing of eight trees, within Jarrahdale Road reserve (PIN 11539434, 11539429), Jarrahdale for the purpose of road upgrades. The application area is indicated in Figures 1 and 2.

**Vegetation Description:** The vegetation within the application area is mapped as the following (Government of Western Australia 2018):

- Murray Complex (My1): Open forest of *Eucalyptus marginata* subsp. *marginata*-*Corymbia calophylla*-*Eucalyptus patens* on valley slopes to woodland of *Eucalyptus rudis*-*Melaleuca raphiophylla* on the valley floors in humid and subhumid zones.
- Yarragil 1 (Yg1): Open forest of *Eucalyptus marginata* subsp. *marginata*-*Corymbia calophylla* on slopes with mixtures of *Eucalyptus patens* and *Eucalyptus megacarpa* on the valley floors in humid and subhumid zones.

Vegetation within the application area consists of five *Corymbia calophylla* (mari) and three *Eucalyptus wandoo* (wandoo).

**Vegetation Condition:** A review of the application area using information supplied by the applicant and aerial photography has determined the application area is in a degraded (Keighery, 1994) condition, defined as:

Degraded: Basic structure severely impacted by disturbance (Keighery 1994).

**Soil/Landform Type:** The area is mapped within the following land subsystems (Schoknecht et al., 2004):

- Murray 2 Phase: Gentle to moderately inclined sideslopes (3-25%) and narrow valley floors with few areas of rock outcrop. Variable moderately well to well drained duplex and gradational soils.
- Murray 3 Phase: Very gentle to moderately inclined sideslopes and lower slopes (<15%) with very few areas of rock outcrop. Variable moderately to well drained duplex and gradation soils.

**Comments:** The local area considered in the assessment of this application is a five kilometre radius measured from the perimeter of the application area.

Vegetation description and condition was determined from information supplied by the applicant.

Figure 1: Application area A, Jarrahdale Road (PIN 11539434)



Figure 2: Application area B, Jarrahdale Road (PIN 11539429)



### 3. Assessment of application against clearing principles

The application is for the proposed clearing of eight trees, five *Corymbia calophylla* and three *Eucalyptus wandoo* within Jarrahdale Road reserve (PIN 11539434 and PIN 11539429), Jarrahdale for the purpose of road upgrades.

Given the degraded (Keighery, 1994) condition of the vegetation, lack of understorey species and relatively small size of the application area; the proposed clearing is not likely to comprise a high level of biological diversity or significant fauna habitat and is not likely to be classified as a significant remnant within a highly cleared landscape.

According to available databases, one threatened flora species and seven priority flora species have been recorded within the local area. The nearest record of threatened flora species is 3943 metres from the application area. The application area consists of two common eucalypt species and therefore does not contain rare or priority flora, or is it representative of a priority or threatened ecological community.

The application area is not located within a watercourse or wetland and therefore the proposed clearing is not likely to impact on the quality of surface water

The application area is adjacent to Serpentine National Park. Given the size of the application area, the proposed clearing is not likely to have an impact on the environmental values of the national park. Notwithstanding, there is the potential for weeds and dieback to be spread into the National Park as a result of the proposed clearing. To minimise this risk, a condition has been placed on the permit requiring the implementation of weed and dieback management measures.

The proposed clearing of eight individual trees, over two locations, is unlikely to cause appreciable land degradation, cause deterioration in the quality of underground water, and is not likely to cause, or exacerbate, the incidence or intensity of flooding.

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

#### Planning instruments and other relevant matters

The clearing permit application was accepted by DWER on 21 June 2018 and was advertised on the DWER website on 22 June 2018 with a 14 day submission period. No public submissions were received.

No Aboriginal Sites of Significance have been recorded within the application area.

### 4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- Government of Western Australia (2018) 2017 South West Vegetation Complex Statistics. Current as of October 2017. WA Department of Biodiversity, Conservation and Attractions, 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.
- Schoknecht, N., Tille, P. and Purdie, B. (2004) Soil-landscape mapping in South-Western Australia – Overview of Methodology and outputs' Resource Management Technical Report No. 280. Department of Agriculture.

#### GIS Databases:

- Aboriginal Sites of Significance
- DAFWA Heritage
- DBCA Estate
- DEC Covenant
- Groundwater salinity
- Hydrography, linear
- National Trust WA Covenant
- Remnant vegetation
- SAC bio datasets (accessed March 2018)
- Soils, Statewide
- Topographic contours
- Wetlands