



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: CPS 8072/1
File Number: DER2018/000836
Duration of Permit: From 17 August 2018 to 17 August 2020

PERMIT HOLDER

Shire of Serpentine Jarrahdale

LAND ON WHICH CLEARING IS TO BE DONE

Rowley Road Reserve (PIN 11868117), Forrestdale.

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 29 native trees within the area cross-hatched yellow on attached Plan 8072/1.

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. 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); and
- (d) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 1 of this Permit.

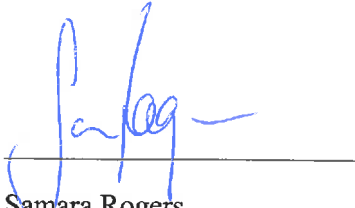
3. Reporting

The Permit Holder must provide to the CEO the records required under condition 2 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*;

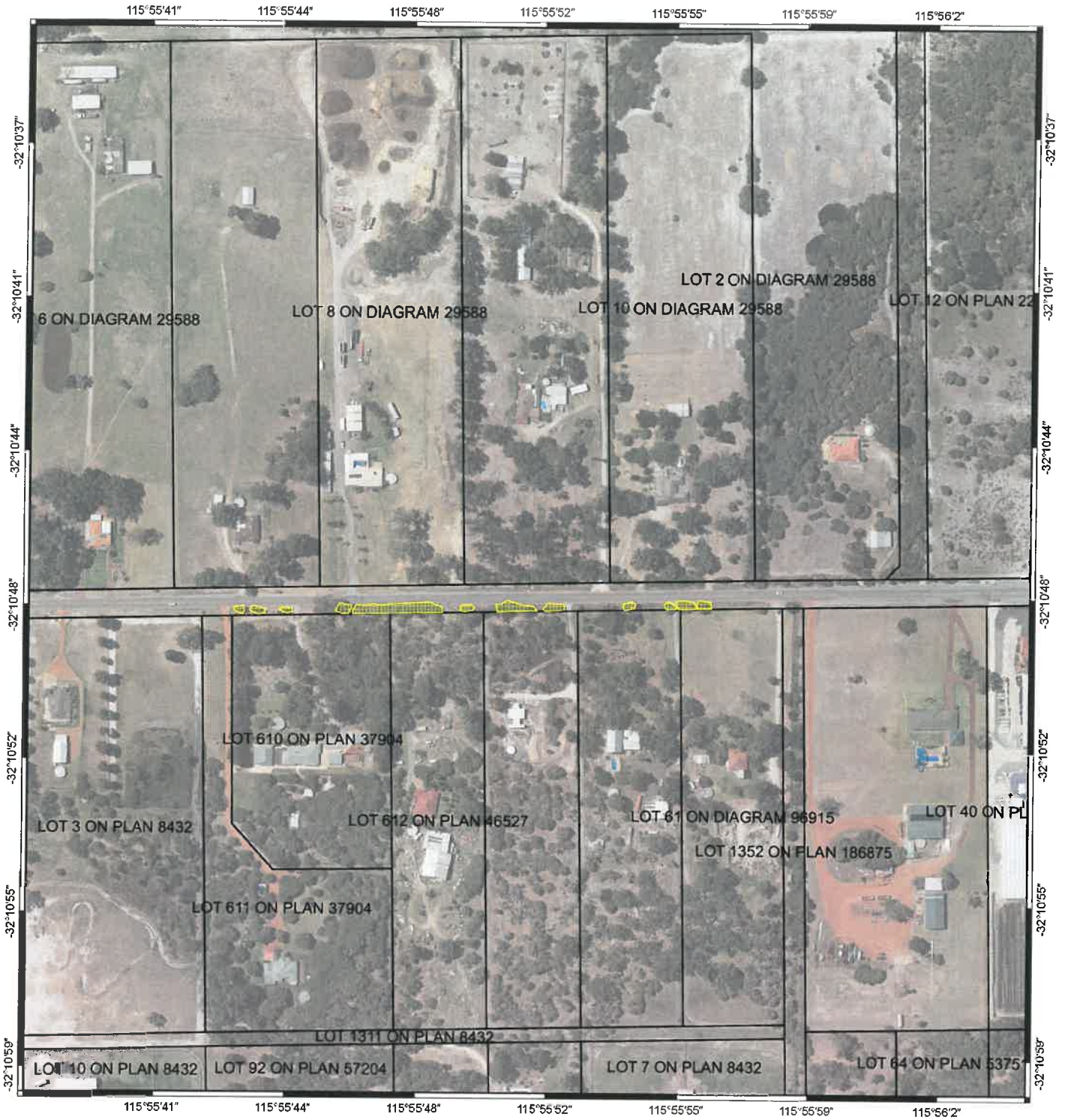


Samara Rogers
MANAGER
NATIVE VEGETATION REGULATION

Officer delegated under Section 20 of the Environmental Protection Act 1986

24 July 2018

Plan 8072/1



Legend

 CPS areas approved to clear

Virtual Mosaic - WA Now



100 0 100 m



MGA 94
Geocentric Datum of Australia 1994

Date 24/7/18
Shantara Rodgers

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



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 8072/1
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Shire of Serpentine Jarrahdale
Application received: 14 May 2018

1.3. Property details

Property: Rowley Road reserve (PIN 11868117)
Local Government Authority: SERPENTINE JARRAHDAL, SHIRE OF
Localities: FORRESTDAL

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
N/A	29	Mechanical Removal	Road construction or upgrades

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 24 July 2018
Reasons for Decision: 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*. It has been concluded that the proposed clearing is at variance to principle (f) and not likely to be at variance to any of the remaining clearing principles.

Through the assessment, the Delegated Officer determined that the vegetation within the proposed clearing area is growing in association with a wetland and the proposed clearing of 29 trees is not likely to be significant.

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.

2. Site Information

Clearing Description: The application is for the proposed clearing of 29 trees, within Rowley Road reserve (PIN 11868117), Forrestdale, for the purpose of road upgrades. The application area is indicated in Figure 1.

Vegetation Description: The vegetation within the application area is mapped as the following Swan Coastal Plain vegetation complex:

- Bassendean Complex – Central and South: Vegetation ranges from woodland of *Eucalyptus marginata* (jarrah) - *Allocasuarina fraseriana* (sheoak) - Banksia species to low woodland of *Melaleuca* species, and sedgelands on the moister sites. This area includes the transition of *Eucalyptus marginata* (jarrah) to *Eucalyptus tottiana* (pricklybark) in the vicinity of Perth (Government of Western Australia 2018).

Vegetation within the application area consists of *Melaleuca* sp. and 1 x *Casuarina obesa*.

Vegetation Condition: A review of the application area using information supplied by the applicant and aerial photography has determined the application area is in completely degraded (Keighery 1994) condition as defined as:
Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994).

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

- Bassendean B4 Phase – Broad poorly drained sandplain with deep grey siliceous sands or bleached sands, underlain at depths generally greater than 1.5 m by clay or less frequently a strong iron-organic hardpan.

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

Figure 1: Application area, Rowley Road



3. Assessment of application against clearing principles

The application is for the proposed clearing of 29 trees, 28 *Melaleuca* sp. and one *Casuarina obesa* within Rowley Road Reserve (PIN 11868117), Forrestdale, for the purpose of road upgrades.

The application area is mapped within a resource enhancement wetland and a multiple use wetland. Noting the species present within the application area, the vegetation is growing in association with an environment associated with a watercourse or wetland. Therefore the proposed clearing is at variance to principle (f). Given the degraded condition of vegetation and the number of trees proposed to be cleared, the proposed clearing is not likely to significantly impact wetlands or to deteriorate the quality of groundwater or surface water.

According to available databases, four threatened flora species and seven priority flora species have been recorded within the local area. The nearest record of threatened flora species is 600 metres from the application area. Noting the habitat preferences of these species, the completely degraded (Keighery, 1994) condition of vegetation found within the application area, including no understorey present, no flora species of conservation significance are expected to occur within the application area.

According to available databases, 33 fauna species of conservation significance (eight rare or likely to become extinct, seven Priority, 17 migratory species protected under International Agreement and one other specially protected fauna) have been recorded within the local area (Department of Biodiversity, Conservation and Attractions, 2007-). Species include the Forest Red-tailed Black Cockatoo (*Calyptorhynchus banksii* subsp. *naso*) and Carnaby's Cockatoo (*Calyptorhynchus latirostris*). Noting the species proposed to be cleared, the application area does not comprise of foraging or breeding habitat for black cockatoos or fauna species of conservation significance.

Noting the application area comprises of 28 *Melaleuca* sp. and one *Casuarina obesa* in a completely degraded (Keighery, 1994) condition and the lack of understorey species; the application area is not likely to comprise a high level of biological diversity, significant fauna habitat, threatened or priority ecological communities and is not considered a significant remnant within a highly cleared landscape.

The application area is located approximately 230 metres from a Bush Forever site and 1.4 kilometres from Forrestdale Lake Nature Reserve. Given the extent of the proposed clearing and the distance from the application area, the proposed clearing is not likely to impact the environmental values of these conservation areas.

Given the extent of the proposed clearing, these clearing activities are not likely to cause appreciable land degradation, result in deterioration in the quality of local surface water or groundwater resources, or cause or exacerbate the incidence or intensity of flooding.

Given the above, the proposed clearing is at variance to principle (f) and not likely to be at variance to any of the remaining clearing principles.

Planning instruments and other relevant matters

The clearing permit application was advertised on the DWER website on 22 June 2018 with a 14 day submission period. No public submissions were received in relation to this application.

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

4. References

- Department of Biodiversity, Conservation and Attractions (2007-) NatureMap: Mapping Western Australia's Biodiversity. Department of Parks and Wildlife. URL: <http://naturemap.dpaw.wa.gov.au/>.
- 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