



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 7622/1

File Number: DER2017/000948

Duration of Permit: From 4 November 2017 to 4 November 2027

PERMIT HOLDER

Mr Cameron Jones

LAND ON WHICH CLEARING IS TO BE DONE

Lot 704 on Diagram 87875, Cardup

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 1.39 hectares of native vegetation by burning within the area hatched yellow on attached Plan 7622/1.

CONDITIONS

Nil.

A handwritten signature in black ink, appearing to read 'Samara Rogers', written over a horizontal line.

Samara Rogers

A/MANAGER

CLEARING REGULATION




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

6 October 2017

Plan 7622/1



Legend

-  Areas approved to clear
-  Cadastre
-  Roads
-  LGA
- Virtual Mosaic (LGATE-V001)



1:1,000

MGA 94

Geocentric Datum of Australia 1994

Samara Rogers Date 6/10/2017

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



GOVERNMENT OF
WESTERN AUSTRALIA



Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 7622/1
Permit type: Area Permit

1.2. Proponent details

Applicant's name: Mr Cameron Jones

1.3. Property details

Property: LOT 704 ON DIAGRAM 87875, CARDUP
Local Government Authority: SERPENTINE-JARRAHDALE, SHIRE OF
DER Region: Swan Coastal
Localities: WELBUNGIN and WIALKI

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1.39	0	Burning	Hazard reduction

1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 6 October 2017

Reasons for Decision: The clearing permit application was received on 30 May 2017, and has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O 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 remaining clearing principles.

The Delegated Officer had regard to the method of clearing when determining the potential environmental impacts of this proposal. As the proposed clearing method is by burning, in accordance with the Shire of Serpentine Jarrahdale's Hazard Reduction Cool Burn Plan guidelines, the Delegated Officer considered that all of the environmental values which current exist within the application area will continue to exist on the property after clearing. The Delegated Officer determined that the proposed clearing is not likely to have any significant environmental impacts.

2. Background

2.1. Existing environment and information

Vegetation Description	Clearing Description	Vegetation Condition	Comment
area has been mapped as Swan Coastal Plain vegetation complex 'Guildford Complex' which is described as open forest to tall open forest and woodland (Government of Western Australia, 2017).	The applicant proposes to clear 1.39 hectares of native vegetation by burning within Lot 704 on Diagram 87875, Cardup, for the purpose of fire hazard reduction.	Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery, 1994). To Very Good; Vegetation structure altered; obvious signs of disturbance (Keighery, 1994).	The condition and description of the vegetation was determined by a site inspection undertaken by Department of Water and Environmental Regulation officers (DWER, 2017). The DWER site inspection identified the vegetation in the application area to predominately consist of <i>Eucalyptus marginata</i> (Jarrah) and <i>Corymbia callophylla</i> (Marri) over a diverse herbaceous understorey with a number of orchids in flower (DWER, 2017).

3. Assessment of application against clearing principles

Comments The application is to clear up to 1.39 hectares of native vegetation by burning, for the purpose of hazard reduction.

A site inspection by DWER officers undertaken on 29 August 2017, determined that the vegetation within the application area is predominately *Eucalyptus marginata* (Jarrah) and *Corymbia callophylla* (Marri) over a diverse herbaceous understorey with a number of orchids in flower. The vegetation is in good to very good (Keighery, 1994) condition (DWER, 2017).

The clearing is proposed to be undertaken by a cool burn as approved by the Shire of Serpentine Jarrahdale in accordance with the Shire's Hazard Reduction Cool Burn Plan guidelines. Fire is a significant component of ecosystem functionality for vegetation communities in Western Australia. Fire frequency, seasonality and intensity determine the likely response of an ecosystem to fire. In some instances flora endemic to Western Australia require fire to promote seed germination and fire exclusion can have deleterious impacts to the environmental values of these vegetation types.

The application area has not been burnt in over 10 years and this timeframe is considered sufficient for the soil seed bank to have been replenished since the last fire and therefore this proposal is not likely to significantly impact on rare or priority flora, priority or threatened ecological communities, nearby conservation reserves or significant fauna habitat and is not likely to be classified as clearing a significant remnant within a highly cleared landscape.

No wetlands or watercourses are mapped within the application area and given the area will be vegetated after burning, the proposed clearing is not likely to impact on riparian vegetation, contribute to or cause land degradation, deteriorate the quality of ground water or surface water and is not likely to cause or exacerbate flooding.

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

Methodology

References:
DWER (2017)
Keighery (1994)

GIS Databases:
- Hydrography, linear
- Hydrography, hierarchy
- Parks and Wildlife tenure
- SAC bio datasets accessed October 2017
- Virtual mosaic

Planning instruments and other relevant matters.

Comments

The applicant proposes to clear 1.39 hectares of native vegetation by burning within Lot 704 on Diagram 87875, Cardup, for the purpose of fire hazard reduction.

No Aboriginal sites of significance have been mapped within the application area.

The application area is zoned Special Rural under the town planning scheme.

The clearing permit application was advertised on 22 June 2017 with a 14 day submission period. No public submissions have been received in relation to this application.

Methodology

References:

GIS Databases:
- Aboriginal sites register system
- Town Planning Scheme Zones

4. References

- DWER (2017) Site inspection report prepared by Department of Water and Environmental Regulation Officers for clearing permit application CPS 7622/1. (DWER Ref: A1513828).
- Government of Western Australia. (2017). 2016 South West Vegetation Complex Statistics. Current as of December 2016. WA Department of Parks and Wildlife, 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.