



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5819/1

File Number: 2011/006805-1

Duration of Permit: From 4 January 2014 to 4 January 2016

PERMIT HOLDER

Shire of Augusta Margaret River

LAND ON WHICH CLEARING IS TO BE DONE

Lot 5011 on Deposited Plan 192309, Bussell Hwy, Forest Grove

AUTHORISED ACTIVITY

The permit holder shall not clear more than 0.8 hectares of native vegetation with the area hatched yellow on attached Plan 5819/1.

CONDITIONS

1. Fauna management

- (a) Prior to undertaking any clearing authorised under this permit, the Permit Holder shall engage a *fauna specialist* to conduct a *fauna survey* of the area hatched yellow on attached Plan 5819/1 to identify fauna specified in Schedule 1 of the *Wildlife Conservation (Specially Protected Fauna) Notice 2013*.
- (b) Within one week prior to undertaking clearing authorised under this permit, the Permit Holder shall engage a *fauna specialist* to remove and relocate fauna identified under condition 1(a).

2. Records to be kept

The Permit Holder must maintain the following records in relation to fauna management pursuant to condition 1 of this Permit:

- (a) the location of each fauna identified, 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 location and date where relocated fauna was released, 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; and
- (c) a copy of the fauna specialist's report.

3. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
 - (i) of records required under condition 2 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year.
- (c) Prior to 4 October 2015, the Permit Holder must provide to the CEO a written report of records required under condition 2 of this Permit where these records have not already been provided under condition 3(a) of this Permit.


DEFINITIONS

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

fauna specialist: means a person who holds a tertiary qualification specializing in environmental science or equivalent, and has a minimum of 2 years work experience in fauna identification and surveys of fauna native to the region being inspected or surveyed, or who is approved by the CEO as a suitable fauna specialist for the bioregion, and who holds a valid fauna licence issued under the *Wildlife Conservation Act 1950*;

fauna survey: means a field-based investigation, including a review of established literature, of the biodiversity of fauna and/or fauna habitat of the Permit Area. Where conservation significant fauna are identified in the Permit Area, the survey should also include sufficient surrounding areas to place the Permit Area into local context.

Wildlife Conservation (Specially Protected Fauna) Notice means those fauna taxa gazetted as rare fauna pursuant to section 14(4)(a) of the *Wildlife Conservation Act 1950* (as amended).



M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

5 December 2013

Plan 5819/1

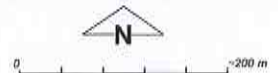


LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre

Leeuwin 50cm Orthomosaic -
Landgate 2004



Scale 1:7000
(Approximate when reproduced at A4)

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 5/12/13

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.



Government of Western Australia
Department of Environment Regulation

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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 5819/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Augusta-Margaret River

1.3. Property details

Property: LOT 5011 ON PLAN 192309 (Lot No. 5011 BUSSELL FOREST GROVE 6286)
Local Government Area: Shire of Augusta-Margaret River
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: 5 December 2013
Decision Date: Grant

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 under application has been mapped as Mattiske vegetation Willyabrup complex (W1): consists of Tall open forest of Eucalyptus diversicolor-Corymbia calophylla-Allocasuarina decussata-Agonis flexuosa on deeply incised valleys in the hyperhumid zone (Mattiske and Havel, 1998).	The clearing consists of 0.8 hectares of native vegetation within Lot 5011 on Deposited Plan 192309, Forest Grove, Shire of Augusta-Margaret River for the purpose of constructing a waste management facility.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The condition of the vegetation was established via a flora survey (NSA PL, 2013).
Mapped Beard vegetation association 3 is described as medium forest of Jarrah and Marri (Shepherd et al, 2001).		To Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

The application is to clear 0.8 hectares of native vegetation for expansion of an existing landfill facility on Reserve 43808, vested with the Shire of August Margaret River. The vegetation under application consists of open forest of Eucalyptus marginata and Corymbia calophylla ranging in (Keighery, 1994) condition from degraded to very good condition (NSA PL 2013).

The application area contains two significant Corymbia calophylla trees with small hollows which have the potential to provide suitable breeding habitat for avian fauna. Within ten kilometres of the area under application, threatened avian fauna including Forest Red-tailed cockatoo (Calyptorhynchus banksii naso), Baudin's cockatoo (Calyptorhynchus baudinii) and Carnaby's cockatoo (Calyptorhynchus latirostris) have been recorded. A search of these hollows should be conducted to remove and relocate threatened fauna prior to clearing.

The vegetation under application is unlikely to support ground dwelling fauna as the vegetation is located within a two metre fenced compound with high traffic activity (NSA PL 2013).

A flora survey conducted in 2013 included a search for one species of rare and four species of priority flora known to occur within 5 kilometres of the area under application (NSA PL 2013). None of these species were identified.

The closest Threatened Ecological Community is Aquatic Root Mat Community Number 3 of Caves of the Leeuwin Naturalist Ridge (Critically Endangered) located approximately 9 kilometres south west and outside the area of potential impact (buffer) to the cave system.

Considering the nearest conservation area (Forest Grove National Park) is located approximately 5 kilometres south from the application area, the proposed clearing will not impact on the values of this conservation area.

The area under application is not associated with a wetland or watercourse and given the small area of clearing proposed, is not likely to cause appreciable land degradation, impact water quality or cause or exacerbate the intensity of flooding.

The area under application is not within an extensively vegetated landscape with approximately 65 per cent vegetation remaining in the local area (10 kilometre radius).

The assessment of the application identified that the clearing may be at variance to Principle (b) and is not likely to be at variance to the remaining clearing principles.

Methodology

References

- Keighery (1994)
- NSA PL (2013)

GIS Databases:

- SAC Biodatasets (accessed October 2013)
- Soils, Statewide
- Pre-European Vegetation
- Mattiske Vegetation
- NLWRA, Current Extent of Native Vegetation

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

Comments

The clearing of 0.8 hectares is for the purposes of expanding the Shire of Augusta Margaret River Recycling and Waste Management Facility. The waste facility is also regulated under licence L6989/1997/13 from the Department of Environment Regulation.

No submissions from the public have been received.

Methodology

References

- Department of Environment Regulation 2013

4. References

- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, 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.
- Nicole Siemon and Associates PL, (2013) Flora and Vegetation Assessment Sussex Location 5011 August 2013, Reserve 43808, Dunsborough, Western Australia.
- 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.