



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4315/1

File Number: 2011/003196-1

Duration of Permit: From 30 May 2011 to 30 May 2013

PERMIT HOLDER

Shire of Augusta - Margaret River

LAND ON WHICH CLEARING IS TO BE DONE

Lot 5389 on Plan 195320, Mitchell Drive Reserve Gnarabup

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.018 hectares of native vegetation within the area hatched yellow on attached Plan 4315/1.

CONDITIONS

Nil.

A handwritten signature in black ink, appearing to be "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

5 May 2011

Plan CPS 4315/1



LEGEND

- image index
- Recently added
 - Coverage
 - Road Centrelines
 - Cadastre

- Clearing Instruments
- Areas Approved to Clear
 - Leeuwin 50cm Orthomosaic - Landgate 2004



Scale 1:619

(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.

[Signature] Date 5/5/11
K Faulkner

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Department of Environment and Conservation

Our environment, our future
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* Project Data. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 4315/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Augusta - Margaret River

1.3. Property details

Property: LOT 5389 ON PLAN 195320 (GNARABUP 6285)

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:
0.018		Mechanical Removal	Building or Structure

1.5. Decision on application

Decision on Permit Application: Grant

Decision Date:

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
Beard Vegetation Association 129 Bare areas; drift sand	Vegetation appears to be mainly shrubs vastly spread out across the footprint of the clearing area.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The condition of the vegetation under application was obtained through aerial photography (GIS Viewer, 2011)
Mattiske vegetation association KE Tall shrubland to closed heath of <i>Agonis flexuosa</i> - <i>Spyridium globulosum</i> on exposed slopes of calcareous dunes in hyperhumid to humid zones.	There appears to be historical disturbance in the footprint from an access track (informal) between the car park and beach		
Mattiske vegetation association WE Mosaic of coastal heath and low woodland to woodland of <i>Corymbia calophylla</i> - <i>Eucalyptus marginata</i> subsp. <i>marginata</i> - <i>Banksia</i> spp. on westward slope in hyperhumid to humid zones.			

3. Assessment of application against clearing principles

Comments

Proposal is not likely to be at variance to this Principle

The proposal to clear up to 0.018 hectares of native vegetation for the purpose of installing a lookout and formalise a beach access track by building a staircase is not likely to have any significant environmental impacts.

The vegetation is considered to be in a good (Keighery, 1994) condition and has been classified as Bare areas; drift sand (Shepherd, 2009), Mosaic of coastal heath and low woodland to woodland of *Corymbia calophylla*-

Eucalyptus marginata subsp. marginata-Banksia spp. on westward slope in hyperhumid to humid zones and Tall shrubland to closed heath of Agonis flexuosa-Spyridium globulosum on exposed slopes of calcareous dunes in hyperhumid to humid zones (Mattiske and Havel 1998).

The proposed area to be cleared has eight known records of the rare flora Caladenia excelsa within the local area, with the closest occurrence mapped 1.4km northeast of the vegetation under application. This species is known to occur among dense low shrubs in Banksia (Banksia sp., Jarrah (Eucalyptus marginata) and Marri (Corymbia calophylla) woodlands (Hopper & Brown, 2001). The area under application is not consistent with the description of preferred habitat for Caladenia excelsa therefore it is not likely that the application area will be necessary for the continued existence of this species. There are no Threatened Ecological Communities (TEC's) in the vicinity of the project. The vegetation to be cleared is well represented in the local area, and removal would not have a detrimental impact on fauna.

The project area is mapped as Leeuwin - Naturaliste Ridge which is an Environmentally Sensitive Area (ESA) listed on the Register of National Estate. This area comprises 27 000 hectares and was nominated for listing due its fragile coastline system, caves, diverse endemic eucalyptus species and historic importance due to use by early settlers (DSEWPC, 2010).

Given the size of the area to be cleared and high vegetation representation of surrounding vegetation, it is unlikely the proposal will be considered as impacting on the values of conservation areas, or causing or exacerbating land degradation, water quality or flooding.

Given the above, the proposal is unlikely to be at variance to any of the clearing principles

Methodology DSEWPC (2010)
Hopper and Brown (2001)
Keighery (1994)
Mattiske and Havel (1998)
Shepherd (2009)

GIS Layers (2011)
- Leeuwin 50cm Orthomosaic - Landgate 2004
- Clearing Regulations, Environmentally Sensitive Areas 30 May 2005
- Pre-European vegetation - DA 01/01
- SAC Biodatasets 13/10/10

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

Comments

The area under application is vested with the Shire of Augusta Margaret River town planning scheme Z for the purpose of coastal protection and foreshore management.

The applied area is within the Blackwood Groundwater Area and the Cape to Cape South surface water area irrigation district proclaimed under the Rights in Water and Irrigation Act 1914.

No submissions have been received.

Methodology GIS Layers:
- Town Planning Scheme Zones - MFP 31/08/98
- RIWI Act, Groundwater Areas - DoW 13/07/06

4. References

- DSEWPC (2010) Australian Heritage Database, Leeuwin - Naturaliste Ridge Area. Department of Sustainability, Environment, Water, Population and Communities, Western Australia
- Hopper, SD & Brown, AP (2001) Contributions to Western Australian orchidology: 2. New taxa and circumscriptions in Caladenia (Spider, Fairy and Dragon Orchids of Western Australia), Nuytsia, vol. 14, no. 1/2.
- 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.
- Shepherd, D.P. (2009) Adapted from: 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.

5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)