



1. Application details

1.1. Permit application details

Permit application No.: 2737/1
 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)
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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:
0.01		Mechanical Removal	Building or Structure

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 (1108): Described as shrublands; Acacia decipiens (Shepherd et al. 2007)	The proposal includes clearing of 0.01ha for the purpose of constructing a pathway. The vegetation proposed to be cleared consists of coastal shrubs with little weeds.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The vegetation condition and description has been determined from Aerial Imagery. The location of the proposed clearing does not fall under the Leeuwin-Naturaliste National Park management but is under the vesting of the Shire of Augusta-Margaret River. The area under application also falls within a Register of National Estate.
Mattiske Vegetation Association (KE): Kilcarnup is described as tall shrubland to closed heath of Agonis flexuosa-Spyridium globulosum on exposed slopes of calcareous dunes in hyperhumid to humid zones. (Mattiske Consulting 1998)	There is an existing track which runs through the middle of the area under application.		

3. Assessment of application against clearing principles

Comments

The proposal is to clear up to 0.01 hectare of native vegetation for the purpose of constructing a pathway. The area under application is considered to be in a good (Keighery, 1994) condition, as it is adjacent to an existing track and comprises of coastal shrubs with little weeds.

A range of threatened and priority fauna species were recorded within a 10km radius, however, the area under application is small (0.01 ha) and there is 90% of remnant vegetation remaining within a 10km radius. Therefore, it is not significant habitat for any native fauna.

There are numerous records of rare flora and priority flora species recorded within the local area (10km radius). All flora species grow in a different soil and vegetation type as the area under application. Therefore it is unlikely

any populations of rare or priority flora will occur within the area.

There are three Priority Ecological Communities (PECs) and one Threatened Ecological Community (TEC) within a 10km radius of the area under application. Both the PECs and the TEC are within a different vegetation type to the area under application. As the application is small (0.01ha) and comprises of a different vegetation type it is unlikely the proposed clearing will impact on the PECs and the TEC.

The area in question is within the Leeuwin - Naturaliste National Park which is a Registered National Estate. The land is vested with the Shire of Augusta-Margaret River and is zoned for coastal protection and foreshore management. As the proposal is to create a pathway which will mitigate coastal dune erosion and the area is small (0.01ha), the clearing is unlikely to impact on the National Park.

The area under application is within a dieback risk area and is surrounded by National Park. Therefore there is a risk of the phytophthora disease spreading. Additionally, there is a risk of weeds spreading into the National Park via the clearing disturbance. Dieback and weed conditions will be placed on the Permit to mitigate these potential impacts.

The proposed clearing is not likely to be at variance to any of the principles.

Methodology Mattiske Consulting (1998)
Shepherd (2007)
Shepherd et al (2001)
GIS Layers:
- CALM Managed Lands and Waters - CALM 01/06/05
- DEFL SAC Bio Datasets (7/10/08)
- Interim Biogeographic Regionalisation of Australia
- EA 18/10/00
- Mattiske Vegetation - CALM 1/03/1998
- Pre European Vegetation - DA 01/01
- Threatened Fauna, SAC Bio Datasets (7/10/08)

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

Comments

The Town Planning Scheme for the area under application is zoned as coastal protection and foreshore management.

Methodology GIS Database:
- Town Planning Scheme Zones - MFP 31/08/98

4. Assessor's comments

Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing is not likely to be at variance to any of the principles.

5. References

- EPA (2000) Environmental protection of native vegetation in Western Australia. Clearing of native vegetation, with particular reference to the agricultural area. Position Statement No. 2. December 2000. Environmental Protection Authority, Western Australia.
- Hopkins, A.J.M., Beeston, G.R. and Harvey J.M. (2001) A database on the vegetation of Western Australia. Stage 1. CALMScience after J. S. Beard, late 1960's to early 1980's Vegetation Survey of Western Australia, UWA Press.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Northcote, K. H. with Beckmann G G, Bettenay E., Churchward H. M., van Dijk D. C., Dimmock G. M., Hubble G. D., Isbell R. F., McArthur W. M., Murtha G. G., Nicolls K. D., Paton T. R., Thompson C. H., Webb A. A. and Wright M. J. (1960-68): 'Atlas of Australian Soils, Sheets 1 to 10, with explanatory data'. CSIRO and Melbourne University Press: Melbourne.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.

6. 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)

