



1. Application details

1.1. Permit application details

Permit application No.: 2738/1
 Permit type: Area Permit

1.2. Proponent details

Proponent's name: MS Lisa Ferris

1.3. Property details

Property: LOT 12054 ON PLAN 206091 (House No. 1018 GREENBUSHES-GRIMWADE BALINGUP 6253)
 LOT 12054 ON PLAN 206091 (House No. 1018 GREENBUSHES-GRIMWADE BALINGUP 6253)

Local Government Area: Shire Of Donnybrook-Balingup

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.46		Mechanical Removal	Grazing & Pasture

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 (3): Described as medium forest; jarrah-marri. (Shepherd et al. 2007)	The proposal includes clearing of 0.46ha for the purpose of growing perennial pastures. The vegetation under the application consists of a small cluster of trees, shrubs and weeds with little to no understorey.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation condition and description has been determined from Aerial Imagery.
Mattiske Vegetation Association (CC1): Catterick is described as open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla mixed with Eucalyptus patens on slopes, Eucalyptus rudis and Banksia littoralis on valley floors in the humid zone. (Mattiske Consulting 1998)			

3. Assessment of application against clearing principles

Comments

The proposal is to clear up to 0.46 hectare of native vegetation for the purpose of growing perennial pastures. The area under application is considered to be in a degraded (Keighery, 1994) condition, consisting of a small cluster of trees, shrubs and weeds with little to no understorey.

There are two records of threatened and priority fauna species within a 10km radius. As the area under application is small (0.46 ha) and there is 90% remaining of remnant vegetation within the local area (10km radius), it is not significant habitat for any native fauna.

Within the local area (10km radius) there are two records of priority flora species. Both flora species grow in a different soil and vegetation type as the area under application. There are no Threatened Ecological Communities in a 10km radius.

The clearing is 20m west of a minor perennial water course. The topography of the area under application (200m - 205m AHD) gently slopes towards the water course. As the proposed clearing is small (0.46ha), the removal of vegetation is unlikely to impact on any nearby water courses or associated values.

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 General Farming Pastures.

- 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.
- 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.
- 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)