



1. Application details

1.1. Permit application details

Permit application No.: 2660/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Dundas

1.3. Property details

Property: UNALLOCATED CROWN LAND (NORSEMAN 6443)
Local Government Area: Shire Of Dundas
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.69		Mechanical Removal	Road construction or maintenance

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: 522 - Medium woodland; redwood (Eucalyptus transcontinentalis) & merri (E. floetoniae) (Hopkins et al. 2001; Shepherd et al. 2001).	Soil Type: DD13 Gently undulating plains with some gilgai areas, occasionally broken by stony ridges and hills: chief soils seem to be brown and grey-brown calcareous earths on the local rises and crusty loamy soils in the intervening flats. Associated are soils of unit BB5 on the stony ridges and hills; and areas of other soils, with ironstone gravels and soils similar to those of unit Ya28, are likely. Weathering greenstones are common below the soils at depths of 3-5 ft.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

The proposal to clear up to 0.69 hectares is for the purpose of road realignment.

There is no threatened fauna recorded within a 30km radius. Within a 30km radius there is 98% vegetation remaining, therefore the site is not significant habitat for any native fauna.

Acacia dorsenna, a priority one species was recorded 712m north of the application and is located in the same soil and vegetation. Given the size of the area (0.69ha), the surrounding vegetation within the 30km radius (98%), it is unlikely the clearing will affect the flora species.

There is no Threatened Ecological Communities in a 30km radius. The vegetation type is well represented in the local area, with 100% remaining.

It is considered that it is not likely to be at variance with any of the clearing principles.

Methodology Shepherd (2006)
Shepherd et al (2001)
GIS Layers:

- CALM Managed Lands and Waters - CALM 01/06/05
- DEFL SAC Bio Datasets (12/05/08)
- Interim Biogeographic Regionalisation of Australia - EA 18/10/00
- Pre European Vegetation - DA 01/01
- Threatened Fauna, SAC Bio Datasets (12/05/08)

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

Comments

There is a Native Title Claim over the area under application. The Department of Environment and Conservation's advertising of the application in the West Australian newspaper constitutes legal notification of the native title representative body for the purpose of the future act procedures under the Native Title Act 1993. No response was received from the representative body

Methodology

The Town Planning Scheme for the area under application is zoned as Rural.

GIS Database:

- Native Title Claims - LA 2/5/07
- 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 the clearing Principles.

5. References

- Brown A., Thomson-Dans C. and Marchant N. (1998). Western Australia's Threatened Flora, Department of Conservation and Land Management, Western Australia.
- 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)