



1. Application details

1.1. Permit application details

Permit application No.: 2676/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Bunbury

1.3. Property details

Property: ROAD RESERVE (PICTON 6229)
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LOT 8 ON DIAGRAM 70125 (Lot No. 8 SOUTH WESTERN PICTON 6229)
Local Government Area: City Of Bunbury
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.11		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: 1000: Mosaic: Medium forest; jarrah-marri / Low woodland; banksia / Low forest; teatree (Melaleuca spp.).	The vegetation proposed to be cleared consists of 0.11ha in degraded (Keighery 1994) condition for the purpose of road intersection upgrades.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation condition was determined from photographs supplied by the City of Bunbury (2008), aerial photography.

3. Assessment of application against clearing principles

Comments

The application is for the clearing of 0.11ha of native vegetation, in degraded to very degraded (Keighery 1994) condition, for the purpose of road intersection upgrades. The vegetation consists of semi-mature *Corymbia calophylla* trees with an understorey of *Watsonia* and grassy weeds. The application area does not appear to be providing ecological linkages with other remnant vegetation.

Although there have been many recordings of rare and priority fauna and flora within the local area (10km radius), the degraded and small area of the proposal means it is unlikely to provide significant habitat for fauna, or be necessary for the continued existence of rare flora or a threatened ecological community.

The vegetation to be cleared is 50m from the Ferguson River, however the degraded nature of the remnant and the small area to be cleared reduces the impact the clearing might have on this major perennial stream. Additionally, the riparian vegetation along this section of the river appears to be in good (Keighery 1994) condition which would be providing much better buffering for the water course than the vegetation under application.

Although the area to be cleared is mapped as high to moderate acid sulphate soils risk, the proposal does not likely to require extensive excavation and is therefore unlikely to cause deterioration to surface or groundwater.

The vegetation under application is within the Preston Industrial Park, however it has not met any of the criteria for regional significance (EPA 2003).

Methodology

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

Comments

The land on which the proposed clearing is to take place is vested with the Shire of Bunbury.

Five Aboriginal Sites of Significance lie within close proximity to the applied clearing.

No submissions from the public have been received.

Methodology

GIS database:

- Cadastre - Landgate Dec 07
- Native Title Claims - LA 2/5/07
- RIWI Act, Groundwater Areas - DoW 13/07/06
- RIWI Act, Irrigation Districts - DoW 13/07/06
- Town Planning Scheme Zones - MFP 31/08/98
- Country Area Water Supply Act (Part IIA) Clearing Control Catchments 29/06/2006
- Aboriginal Sites of Significance 26 April 2007
- Public Drinking Water Source Areas (PDWSAs) ? 07/02/06

4. Assessor's comments

Comment

Comment / recommendation

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

- EPA (2003) Greater Bunbury Region Scheme. Bulletin 1108. Environmental Protection Authority, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- 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)