



1. Application details

1.1. Permit application details

Permit application No.: 2687/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: Payne Kevin Ray and Wanda Ruth

1.3. Property details

Property: LOT 150 ON PLAN 24982 (Lot No. 150 PLANTATION CAPEL 6271)

LOT 150 ON PLAN 24982 (Lot No. 150 PLANTATION CAPEL 6271)

Local Government Area: Shire Of Capel

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1		Mechanical Removal	Fence Line 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): Described as a mosaic of medium forest; jarrah-marri / Low woodland; banksia / low forest; teatree (Melaleuca spp.) Shepherd et al. (2006)	The area under application is abutting a TEC and a fire break running parallel with the boundary fence line along Plantation Rd.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The vegetation has been determined from Aerial Photography.
Hedde Vegetation Complex: SOUTHERN RIVER COMPLEX : Open woodland of E. calophylla - E. marginata - Banksia species with fringing woodland of E. rudis - M. raphiophylla along creek beds. Hedde et al. (1980)			

3. Assessment of application against clearing principles

Comments

The proposal is to clear up to 0.1 hectare of native vegetation for the purpose of replacing and maintaining the front boundary fence line and allowing for Western Power cable installation along the fire break. The area under application is considered to be in a good (Keighery, 1994) condition, consisting of sparse trees and shrubs.

A range of threatened and priority fauna species were recorded within a 10km radius, however, the application area being small in size (0.1ha) it does not have the capacity for high levels of biodiversity or provide significant habitat for fauna.

There are numerous records of rare flora and priority flora species recorded within the local area (10km radius). *Drakaea elastica* is associated with the same soil and vegetation type as the area under application. A site visit was conducted by DEC staff (2008) and as a result it was determined that the chance of this species occurring within the vegetation under application is minimal.

The clearing is within the resource enhancement wetland however this section has been fragmented by the construction of the road on one side and the fire break on the other side. Clearing this small section of vegetation is unlikely to impact the wetland or associated values.

The area under application is within a buffer of a Threatened Ecological Communities (SCP10a). SCP10a, is known as 'Shrublands on dry clay flats' and can be threatened by a change in hydrological regime. Due to this threat a large buffer area has been designated to this TEC. As the application is small (0.1ha), local hydrology regimes will not be impacted by the clearing, and as such the clearing is unlikely to impact the nearby TEC.

Methodology DEC Advice (2008)
Shepherd (2006)
Shepherd et al (2001)
TEC Advice (2008)
GIS Layers:
- CALM Managed Lands and Waters - CALM 01/06/05
- DEFL SAC Bio Datasets (12/05/08)
- Heddl Vegetation Complexes - DEP 22/06/95
- 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

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

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 may be at variance to Principle (c) and the remaining Principles are not likely to be at variance.

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.
- 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)