



1. Application details

1.1. Permit application details

Permit application No.: 3005/1
 Permit type: Area Permit

1.2. Proponent details

Proponent's name: Thompson McRobert Edgeloe on behalf of CLPS Pty/L

1.3. Property details

Property: LOT 38 ON PLAN 232800 (House No. 14674 SOUTH WESTERN PICTON EAST 6229)
 Local Government Area: Shire Of Dardanup
 Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.4		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
The vegetation is composed of two vegetation types :- Beard vegetation association 1000: Mosaic: Medium forest; jarrah-marri / Low woodland; banksia / Low forest; teatree (Melaleuca spp.) GUILDFORD COMPLEX 32 : A mixture of open forest to tall open forest of Corymbia calophylla (Marri) - Eucalyptus wandoo (Wandoo) - Eucalyptus marginata (Jarrah) and woodland of Eucalyptus wandoo (Wandoo) (with rare occurrences of Eucalyptus lane-poolei (Salmon White Gum)). Minor components include Eucalyptus rudis (Flooded Gum) - Melaleuca raphiophylla (Swamp Paperbark).	The vegetation under application is considered to be completely degraded (Keighery 1994). The area has been subjected to previous clearing activities and only a few stands of scattered trees remain. Less than 20% of the original native species that would have once occurred on the property remain. There are very few understorey species present, most of the ground layer within the application area is composed of weed species (Ekologica, 2008). The application area was previously utilised as a dairy farm.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition and description of the vegetation was determined via the use of aerial imagery, GIS datasets and a flora survey conducted by Ekologica during October 2008.

3. Assessment of application against clearing principles

Methodology

Comments

The vegetation under application is considered to be completely degraded (Keighery 1994). The area has been subjected to previous clearing activities and only a few stands of scattered trees remain, mostly consisting of Banksia attenuata-Eucalyptus marginata woodland remnant. The application area was previously utilised as a dairy farm.

Less than 20% of the original native species that would have once occurred on the property remain. There are

very few understorey species present, most of the ground layer within the application area is composed of weed species (Ekologica, 2008). No rare or priority listed species or Threatened Ecological Communities (TECs) were recorded within the application area.

A minor tributary of the Collie River dissects the application area and the remnants of a degraded wetland remain. No riparian vegetation of significance resides on the property.

The local area (10km radius) has been extensively cleared as the amount of remaining vegetation is currently at approximately 15%. There are vegetation representations that occur within the application area that are below the recommended 30% threshold retention levels for pre-european vegetation (Commonwealth, 2001). Namely Beard vegetation association 1000 and Guildford vegetation complex 32, the later having only 5% of pre-European levels of vegetation remaining (Hedde et al, 1980; Shepherd et al. 2007).

However, due to the highly degraded nature of the vegetation under application, it offers very little value in terms of conservation or habitat and therefore the proposed clearing is considered not likely to be at variance to any of the clearing principles.

- Methodology** Ekologica(2008)
Hedde et al (1980)
Keighery (1994)
Shepherd et al. (2007)
GIS DataSets:
- Bunbury Orthomosaic Landgate 2006
- Clearing Regulations, Environmentally Sensitive Areas 30 May 2005
- CALM Managed Lands and Waters - CALM 01/06/05
- Hydrographic catchments, catchments - DoW 01/06/07
- Hydrography linear - DOW 13/7/06
- Hydrography linear (hierarchy) - DoW 13/7/06
- Hydrogeology, Statewide 05 Feb 2002
- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05
- Public Drinking Water Source Areas (PDWSAs) – 07/02/06
- SAC Biodatasets - accessed 11 Feb 08
- Soils, Statewide DA 11/99
- Topographic contours statewide - DOLA and ARMY 12/09/02

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

Comments

No submissions have been received in relation to this principle.

Developmental approval from the Shire of Dardanup is yet to be obtained.

Methodology

4. Assessor's comments

Comment

The application has been assessed against the clearing principles, planning instruments and other matter in accordance with s510 of the Environmental Protection Act 1986 has found:

- All of the clearing principles are unlikely to be at variance.

5. References

- Commonwealth of Australia (2001) National Targets and Objectives for Biodiversity Conservation 2001-2005, AGPS, Canberra.
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, 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. (2007). Adapted from: Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.

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)

