



1. Application details

1.1. Permit application details

Permit application No.: 3231/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: Peter Bradley Harvey

1.3. Property details

Property: LOT 12 ON DIAGRAM 22501 (House No. 67 ROBINSON BRUNSWICK 6224)

Local Government Area:

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
5.1		Mechanical Removal	Extractive Industry

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.	The vegetation under application appears to be parkland cleared and consist of mainly Jarrah, Marri and Wandoo or Paperbark Wandoo trees (MBS Environmental, 2006).	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	Vegetation description and condition derived from site photographs (TRIM Ref DOC8852) included as supporting documentation with the clearing application by MBS Environmental.
Beard Vegetation Association 1184 described as Medium woodland-fringing; jarrah, marri, Eucalyptus rudis & Agonis flexuosa.			
Mattiske Vegetation Complex Dwellingup (D1) - Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on lateritic uplands in mainly humid and subhumid zones (Shepherd, 2007).			
Mattiske Vegetation Complex Lowdon (Lo) - Open forest of Corymbia calophylla-Eucalyptus marginata subsp. marginata-Agonis flexuosa with some Eucalyptus wandoo and occasional Corymbia haematoxylon on slopes, and woodland of Eucalyptus rudis-Melaleuca rhaphiophylla on valley floor in the humid zone (Mattiske, 1998)			

3. Assessment of application against clearing principles

Comments

The proposal to clear 5.1 hectare of native vegetation for the purpose of extractive industry is unlikely to have any significant environmental impacts. The vegetation is considered to be in a completely degraded (Keighery, 1994) condition. The vegetation under application is parkland cleared and consists of mainly Jarrah, Marri and Wandoo or Paperbark Wandoo trees (MBS Environmental, 2006).

Given the area is parkland cleared and the regional area (10km radius) is approximately 50% vegetated, it is unlikely to contain a higher biodiversity level than the surrounding areas. There are 3 recorded occurrences of Carnaby's Black Cockatoo within the regional area however DEC Principle Zoologist advises that the area under application is not likely to be significant habitat for Carnaby's Black Cockatoo (DEC, 2009). There are no records of rare flora within the regional area and given the lack of understorey it is unlikely any of the priority species occurring in the regional area will occur within the area under application. No threatened ecological communities have been identified in the vicinity of the project (10km radius) and the vegetation to be cleared is well represented in the local area (Shepherd et al 2007 and Mattiske 1998).

The vegetation under application is not considered to be riparian and due to the distances to nearby conservation areas the proposed clearing is unlikely to affect the environmental values of these areas. The area has no mapped salinity risk and land degradation is unlikely given the soil is comprised of mainly granite rock. Given that 40m east of the area under application is a minor perennial watercourse there may be some surface water runoff. Localised flooding may occur during the extraction of granite given the low permeability of the soil. A condition to have the clearing done in stages would minimise the flooding potential.

Given that the purpose is for extractive industry the area cleared should be revegetated after extraction works are completed.

The proposed clearing is considered not likely to be at variance to any of the principles.

Methodology DEC (2009)
Keighery (1994)
Mattiske (1998)
MBS Environmental (2006)
Shepherd (2007)
GIS Layers:
- SAC Bio datasets - accessed on 6/08/209
- Interim Biogeographic Regionalisation of Australia - EA 18/10/00.
- Pre European Vegetation - DA 01/01
- Hydrography, linear - DOE 01/02/04
- Soils, Statewide DA 11/99
- Hydrogeology, Statewide - DOW
- Topographic Contours, Statewide - DOLA 12/09/02
- Dampier Legendre 50cm Orthomosaic - Landgate 2004

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

Comments

No submissions have been received. The area is zoned for general farming.

An extractive industry licence application has been lodged with the Shire of Harvey however it is yet to be approved.

The applicant has requested that the clearing permit application be placed on hold until the Shire of Harvey makes its determination on the Extractive Industry Licence application (MBS Environmental, 2009).

Methodology MBS Environmental 2009
GIS database:
- Cadastre - Landgate Dec 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

- DEC (2009) Species and Communities Branch Advice. Department of Environment and Conservation
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.
MBS Environmental (2006). Site photographs submitted with application to clear CPS 1622/1. TRIM Ref DOC 8852.
MBS Environmental (2009). Submission Re: Application to Clear Native Vegetation CPS 3231/1. TRIM Ref DOC 106740.

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)