



1. Application details

1.1. Permit application details

Permit application No.: 2718/1
 Permit type: Area Permit

1.2. Proponent details

Proponent's name: Mr Ronald George Lawrie

1.3. Property details

Property: LOT 1 ON DIAGRAM 9778 (CROWEA 6258)
 Local Government Area: Shire Of Manjimup
 Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	100	Mechanical Removal	Hazard reduction or fire control

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: Unit 1144 - Tall forest; karri & marri.	Proponent advises that the linear strip of vegetation to be thinned is parkland cleared and consists of live and dead 'red gum',	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation condition established through conversation with proponent, aerial photography and site visit (DEC 2008).
Mattiske: Crowea (CRy) - Tall open forest of <i>Corymbia calophylla</i> with mixture of <i>Eucalyptus marginata</i> subsp. <i>marginata</i> and <i>Eucalyptus diversicolor</i> on uplands in hyperhumid and perhumid zones.	<i>Eucalyptus diversicolor</i> (karri) and <i>Eucalyptus marginata</i> (jarrah).		

3. Assessment of application against clearing principles

Comments

The proposal to selectively clear 90-100 trees (equates to approximately one hectare), out of approximately 240 trees, for hazard reduction purposes, is unlikely to affect biological diversity within the local area. The area under application has very little ground vegetation, is part of a paddock that has been heavily grazed by stock and weeds and grasses have established (DEC 2008).

The vegetation of the area under application is well represented, being a component of Beard Unit 1144 (Hopkins et al. 2007) of which there is 81.9% (Shepherd et al. 2007) of the pre-European extent remaining and a component of Mattiske Crowea (CRy) (Havel 2002) of which there is 70.0% of the pre-European extent remaining.

There are no rare flora populations or threatened ecological communities recorded within a 5km radius of the area under application. Three records of Quokka are known from nearby State forest, 3km from the area under application.

Although the area under application is vegetatively linked to the nearby State forest, the distance between the two, the existence of other linkages nearby and the fact that not all trees will be removed, it is unlikely the proposal would significantly impact on fauna movement. (DEC 2008)

The area under application is within the Warren River Water Reserve, which is a Public Drinking Source Area and a Zone D CAWS catchment area.

Sufficient vegetation remains on the applicant's holding to meet the statutory requirement to retain a minimum 10% vegetation (DoW 2008). Due to the small size of the proposed clearing it is unlikely the clearing would

significantly degrade local water quality.

Therefore, it is considered that the clearing as proposed is not likely to be at variance with any of the clearing principles.

Methodology DEC 2008
DoW (2008)
Department of Natural Resources and Environment (2002)
Havel (2002)
Hopkins et al. (2001)
Shepherd et al. (2007)
GIS databases:
- Mattiske Vegetation (1998)
- Pre-European vegetation - DA 01/01
- Soils, Statewide DA 11/99
- Shepherd (2007)
- SAC Biodatasets 280808

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

Comments

The area proposed to be cleared is zoned rural in the Town Planning Scheme.

Department of Water (CAWS) advises that sufficient vegetation remains on applicants holdings to meet the 10% minimum (DoW 2008).

Methodology GIS database:
- Town Planning Scheme Zones

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 (2008) Site Inspection Report for Clearing Permit Application CPS 2718/1, Lot 1 on Diagram 9778. Site inspection undertaken 22/10/2008. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC66119).
- DoW (2008) CAWS Advice to Assessing Officer, Department of Water Trim Ref DOC66436.
- 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.
- Shepherd (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 2007 from Vegetation Extent dataset ANZWA1050000124.
- 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.
- Site Visit (2008) Site Inspection Report. Unpublished, Department of Environment and Conservation Trim Ref DOC 66119.

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)