



1. Application details

1.1. Permit application details

Permit application No.: 2931/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: The Shire of Augusta Margaret River

1.3. Property details

Property: ROAD RESERVE (WILYABRUP 6280)

Local Government Area: Shire Of Augusta-Margaret River

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	12	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
<p>Beard Vegetation type 3: Medium forest; jarrah-marri</p> <p>Mattiske Vegetation complex W2: Wilyabrup: Open Forest of Eucalyptus marginata subsp. marginata and Corymbia calophylla occasionally some Eucalyptus diversicolor</p> <p>Very weakly developed second storey of Agonis flexuosa and Persoonia longifolia</p> <p>Acacia browniana, Leucopogon capitellatus, Hibbertia hypericoides, Trymalium ledifolium, Hakea lissocarpha, Pimelea rosea, Tetraria capillaris and Podocarpus drouynianus</p>	<p>vegetation to be cleared consists of 8 x Corymbia calophylla (Marri trees), 1 x Agonis flexuosa and 2 x Xanthorrhoea preissii (grass tree).</p>	<p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p>	<p>Condition of vegetation was taken from aerial photography.</p>

3. Assessment of application against clearing principles

Comments

The proposed clearing is for widening of the existing road. The shire has identified 12 trees that will require removal in order to upgrade this road.

The trees to be removed are predominately Marri (*Corymbia calophylla*), with two grass trees (*Xanthorrhoea preissii*) and a Peppermint tree (*Agonis flexuosa*).

The area may be suitable habitat for the rare flora species, *Caladenia excelsa*, however, given the disturbance in the area and the selective removal of specific trees it is unlikely that this species will be impacted.

The road is providing a corridor for fauna, however this attribute will not be altered by the removal of 12 trees.

The clearing as proposed may be at variance to principle (c) and is unlikely to be at variance with the other principles.

Methodology SAC Biodatasets, accessed 13 January 2009
Mattiske et al, 1998

- Shepherd, 2007
 GIS Databases:
 - Soils, Statewide
 - Busselton 50cm Orthomosaic - Landgate 2004
 - Topography, Statewide
 - DEC Managed Lands and Waters
 - Hydrography, linear

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 is not likely to be at variance to the remaining principles.

5. References

- Brown A., Thomson-Dans C. and Marchant N.(1998). Western Australia's Threatened Flora, Department of Conservation and Land Management, 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.
 Matiske, 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, 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)