



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5849/1

File Number: 2011/006816-3

Duration of Permit: From 28 December 2013 to 28 December 2015

PERMIT HOLDER

City of Busselton

LAND ON WHICH CLEARING IS TO BE DONE

Kaloorup Road reserve (PIN 11408552), Vasse

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.063 hectares of native vegetation within the area hatched yellow on attached Plan 5849/1.

CONDITIONS

Nil.

A handwritten signature in cursive script, appearing to read 'M Warnock', written over a horizontal line.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

*Officer delegated under Section 20
of the Environmental Protection Act 1986*

28 November 2013

Plan 5849/1



LEGEND

- | | |
|-----------------------------|--|
| Clearing Instruments | Busseton 50cm Orthomosaic - Landgate 2007 |
| Areas Approved to Clear | Local Government Authorities |
| Soils, Statewide | |
| Cadastre | |
| Road Centrelines | |



Scale 1:1500
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Date 28/11/13

M WARNOCK

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Government of Western Australia
Department of Environment Regulation

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* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 5849/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Busselton

1.3. Property details

Property: ROAD RESERVE (VASSE 6280)
Local Government Area: City of Busselton
Colloquial name: Kaloorup Road reserve

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.063		Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 28 November 2013

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	The area under application has been mapped as Beard Vegetation Association 1136 which is described as medium woodland; marri with some jarrah, wandoo, river gum and casuarina (Shepherd et al 2001)	Vegetation Condition	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)
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3. Assessment of application against clearing principles

Comments

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding.

The proposal is at variance to principle f, as the vegetation to be cleared is growing in a geomorphic wetland assigned a conservation classification. However, the vegetation to be cleared is in a degraded condition, consisting of a thin strip of predominantly immature melaleuca species with minimal understory.

The assessment has found that the proposal is not likely to be at variance to the remaining clearing principles.

The clearing is for the purpose of upgrading the road. No public submissions have been received.

Methodology

GIS Datasets:	References:
- Hydrology, linear	Shepherd et al (2001)
- IBRA Australia	Keighery (1994)
- Aboriginal Sites of Significance	
- DEC Tenure	
- Town Planning Scheme Zones	
- CAWSA Part IIA Clearing Controls Catchment	
- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain	
- ANCA, Wetlands	
- RAMSAR, Wetlands	
- Groundwater salinity, statewide	
- Topographic Contours, statewide	

- Soils, statewide
- RIWI Act, Areas
- Pre-European Vegetation
- SAC Biodatasets Accessed 28 November 2013
- Busselton 50cm Orthomosaic - Landgate 2007

4. References

- 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. Technical Report 249. Department of Agriculture Western Australia, South Perth.