



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4450/1

File Number: 2011/000312-1

Duration of Permit: From 29 August 2011 to 29 August 2013

PERMIT HOLDER

Shire of Busselton

LAND ON WHICH CLEARING IS TO BE DONE

Falkingham Road reserve, West Busselton (PIN 11340787)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.007 hectares of native vegetation within the area shaded yellow on attached Plan 4450/1.

CONDITIONS

Nil.

M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH



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

4 August 2011

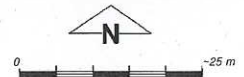
Plan 4450/1



LEGEND

-  Road Centrelines
-  Clearing Instruments
-  Areas Approved to Clear
-  Local Government Authorities

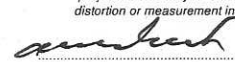
Busselton 50cm Orthomosaic - Landgate 2007



Scale 1:1000
(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 4/8/11

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.



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 4450/1, 4451/1, 4452/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Busselton

1.3. Property details

Property: FALKINGHAM ROAD RESERVE (WEST BUSSELTON 6280)
LAYMAN ROAD RESERVE (GEOGRAPHE 6280)
AMBERGATE ROAD RESERVE (AMBERGATE 6280)ROAD RESERVE (WEST
BUSSELTON 6280)
Local Government Area: Shire of Busselton
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: GRANT
Decision Date: 4 AUGUST 2011

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
4450/1: Beard Vegetation Association 1000 - Mosaic: Medium forest; jarrah-marri / Low woodland; banksia / Low forest; teatree (Melaleuca spp.)	CPS 4450/1 - 0.007 hectares of native vegetation over a 50 metre distance within Falkingham Road reserve, West Busselton for the purpose of widening the existing seal width of the road and installation of a footpath adjacent to the road. The vegetation under application is considered to be in degraded (Keighery, 1994) condition.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994)	Vegetation and condition was determined through aerial photography.
4451/1: Beard Vegetation Association 676 - Succulent steppe; samphire	CPS 4451/1 - 0.26 hectares of native vegetation over a distance of approximately 550 metres within the Layman Road reserve, Geographe for the purpose of constructing a shared path. The vegetation under application is sparse and considered to be in completely degraded (Keighery, 1994) condition.	To Completely Degraded: No longer intact; completely/almost completely without native species (Keighery, 1994)	
4452/1: Beard Vegetation Association 1136 - Medium woodland; marri with some jarrah, wandoo, river gum and casuarina (Shepherd, 2009)	CPS 4452/1 - 16 native trees along a 150 metre section of the Ambergate Road reserve, Ambergate, for the purpose of increasing the sight distance from the junction of Edwards Road onto Ambergate Road. The vegetation under application is considered to be in degraded to completely degraded (Keighery, 1994) condition.		

3. Assessment of application against clearing principles

Comments

The vegetation proposed to be cleared comprises three small areas (0.007 hectares, 0.26 hectares and 16 trees) adjacent to existing roads in areas developed for agriculture and urban purposes.

The vegetation under application appears to be heavily impacted by historic and continuing disturbance associated with the surrounding landuses and is considered to be in degraded to completely degraded (Keighery, 1994) condition.

Considering the level of disturbance, small extent and linearity, the proposed clearing is not likely to significantly impact flora or fauna of conservation significance, nor is it likely to impact on water quality, cause appreciable land degradation or increase the frequency or intensity of flooding.

Considering the above, the proposed clearing is not likely to be at variance to the clearing principles.

Methodology References:
Keighery, 1994

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

Comments

The Shire of Busselton has applied to clear:

- 0.007 hectares of native vegetation within Falkingham Road reserve, West Busselton for the purpose of widening the existing seal width of the road and installation of a footpath adjacent to the road (CPS 4450/1);
- 0.26 hectares of native vegetation within the Layman Road reserve, Geographe for the purpose of constructing a shared path (CPS 4451/1); and
- 16 native trees from the Ambergate Road reserve, Ambergate, for the purpose of increasing the sight distance from the junction of Edwards Road onto Ambergate Road (CPS 4452/1).

CPS 4451/1 for the shared path construction along Layman Road is a Blackspot funded project.

Falkingham Road, Layman Road and Ambergate Road reserves are vested with the Shire of Busselton.

There are no known Aboriginal Sites of Significance within the application areas.

Methodology GIS Databases:
- Aboriginal Sites of Significance - DIA 02/10

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. (2009) 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.

5. 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)