GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS
Area Permit Number: 3643/1
File Number: DEC14734
Duration of Permit: From 22 May 2010 to 22 May 2012

PERMIT HOLDER
Shire of Busselton

LAND ON WHICH CLEARING IS TO BE DONE
Ambergate Road, Ambergate (ROAD RESERVE – PIN11471131)

AUTHORISED ACTIVITY
The Permit Holder shall not clear more than 0.4 hectares of native vegetation within the area cross hatched yellow on attached Plan 3643/1.

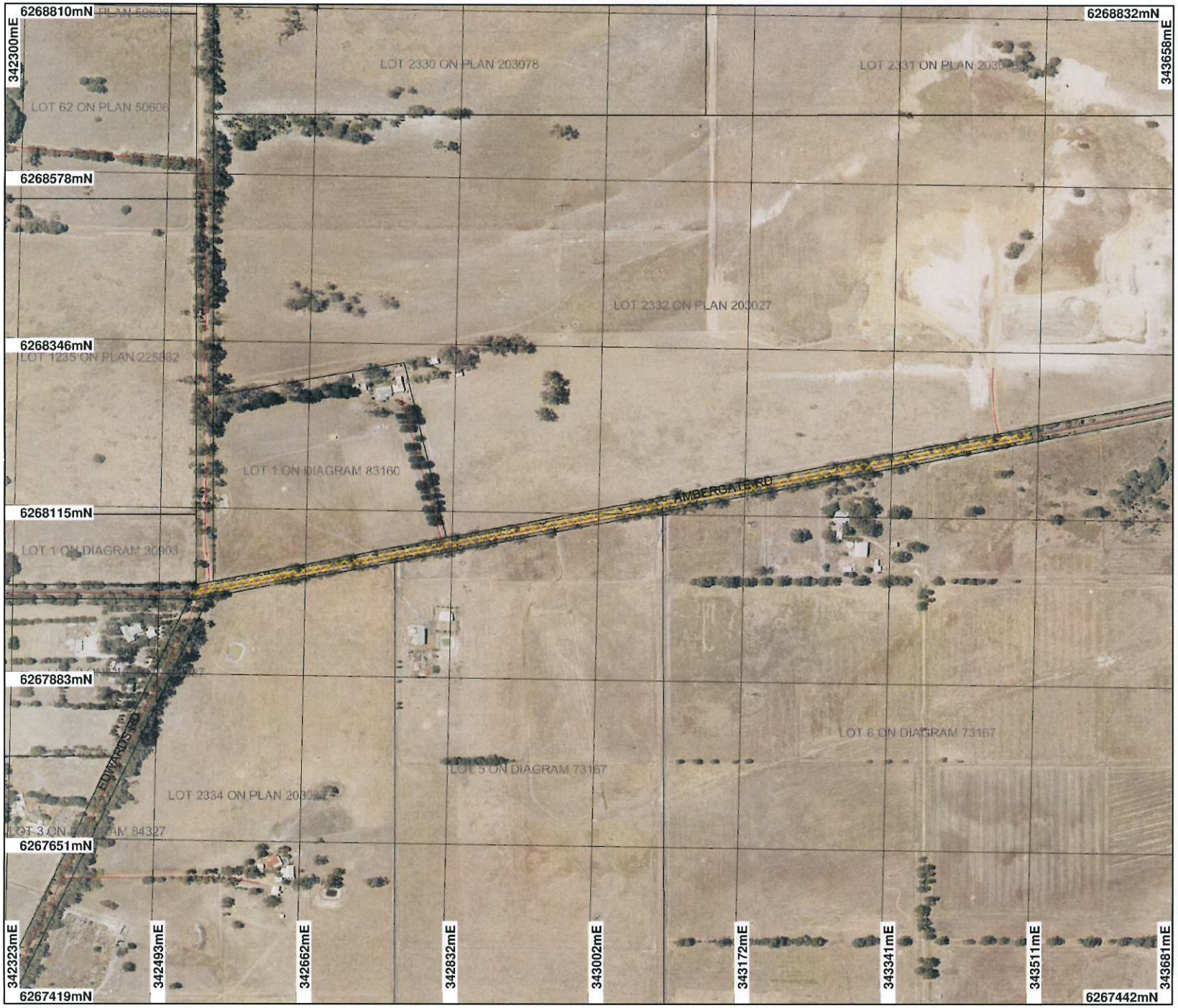
CONDITIONS
Avoid, minimise etc clearing
In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:
(a) avoid the clearing of native vegetation;
(b) minimise the amount of native vegetation to be cleared; and
(c) reduce the impact of clearing on any environmental value.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

Officer delegated under Section 20
of the Environmental Protection Act 1986

22 April 2010

Plan 3643/1



LEGEND

Clearing Instruments

Areas Approved to Clear

Road Centrelines

Cadastre for labelling

Busselton 50cm Orthomosaic - Landgate 2007

N

0 ~150 m

Scale 1:6621

(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.

K Faulkner Date 22/4/10.

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 acknowleged by the agency acronym in the legend.

Department of Environment and Conservation

Our environment, our future

Department of
Environment and Conservation
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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 3643/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: **Shire of Busselton**

1.3. Property details

Property: ROAD RESERVE (AMBERGATE 6280)
Local Government Area:
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.4		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
Beard Vegetation Association: 1136 - Medium woodland; marri with some jarrah, wandoo, river gum and casuarina Shepherd (2007) Mattiske Vegetation Association: Aw - Mosaic of tall shrubland of Melaleuca viminea and woodland of Eucalyptus rudis-Melaleuca rhaphiophylla with occasional Corymbia calophylla on broad depr Mattiske (1980)	The application is for the clearing of 0.4ha of roadside vegetation for the purpose of upgrading Ambergate Road. The vegetation under application is considered to be in a degraded (Keighery, 1994) condition.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Condition of vegetation under application was assessed through aerial photography.

3. Assessment of application against clearing principles

Comments

The proposal to clear 0.4ha of native vegetation for the purpose of upgrading existing road infrastructure is unlikely to have detrimental environmental impacts.

There are a number of rare and priority flora species located in the vicinity of the vegetation under application, however they are unlikely to be located within Ambergate Road reserve (DEC, 2010).

The vegetation under application is considered to be in a degraded (Keighery, 1994) condition. On both sides of the application area the vegetation contained within the road reserve has been classified as having a low conservation value (RCC, 2010).

No threatened ecological communities have been identified in the vicinity of the project (5km radius) and the vegetation to be cleared is well represented in the local area. If clearing is conducted to one side of the road, the proposal is unlikely to have a detrimental impact on fauna.

All of the vegetation associations in which the application area falls within are underrepresented within the Jarrah Forest bioregion. Beard vegetation association 1136 has 6.73% remaining and Mattiske vegetation association AW has 5.26% remaining. As the vegetation under application is in degraded (Keighery, 1994) condition, it is not considered significant in an extensively cleared landscape.

The proposed clearing for road works may cause some short term water quality issues in terms of localised surface water sedimentation and flooding during works. However, these issues should be minimised as road works will include roadside infrastructure to prevent water quality issues and flooding associated with roads (ie table drains and culverts).

It is considered that the proposal consist of remnant vegetation in a degraded condition and therefore is not likely to be at variance to any of the clearing principles.

GIS Databases:
- CALM Managed Lands & Waters - CALM 01/06/05
- Clearing Regulations - Environmentally Sensitive Areas - 30 May 2005
- Groundwater Salinity, statewide - DoW 13/07/06
- Hydrogeographic Catchments, Catchments - DoW 01/06/07
- Hydrogeology, statewide - DOW 13/07/06
- Hydrography, linear DOW 13/7/06
- Mattiske Vegetation Complexes (01/03/1998)
- Pre-European vegetation - DA 01/01
- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05
- SAC Biodatasets 13/04/10

Methodology References:
DEC (2010)
Keighery (1994)
RCC (2010)

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

Comments

No submissions from the public have been received.

Methodology

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 all clearing Principles.

5. 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.

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.

RCC (2010). Road Conservation Committee Value Mapping, Shire of Busselton. Roadside Conservation Committee February 2009.

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.

6. Glossary

Term	Meaning
CALM	Department of Conservation and Land Management (now DEC)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment (now DEC)
DoW	Department of Water
DMP	Department of Mines and Petroleum (ex DoIR)
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)