



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3637/1
File Number: DEC14723
Duration of Permit: From 22 May 2010 to 22 May 2012

PERMIT HOLDER

Shire of Busselton

LAND ON WHICH CLEARING IS TO BE DONE

Abbeys Farm Road, Yallingup Siding (ROAD RESERVE – PIN11469295)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.769 hectares of native vegetation within the area cross hatched yellow on attached Plan 3637/1.

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.

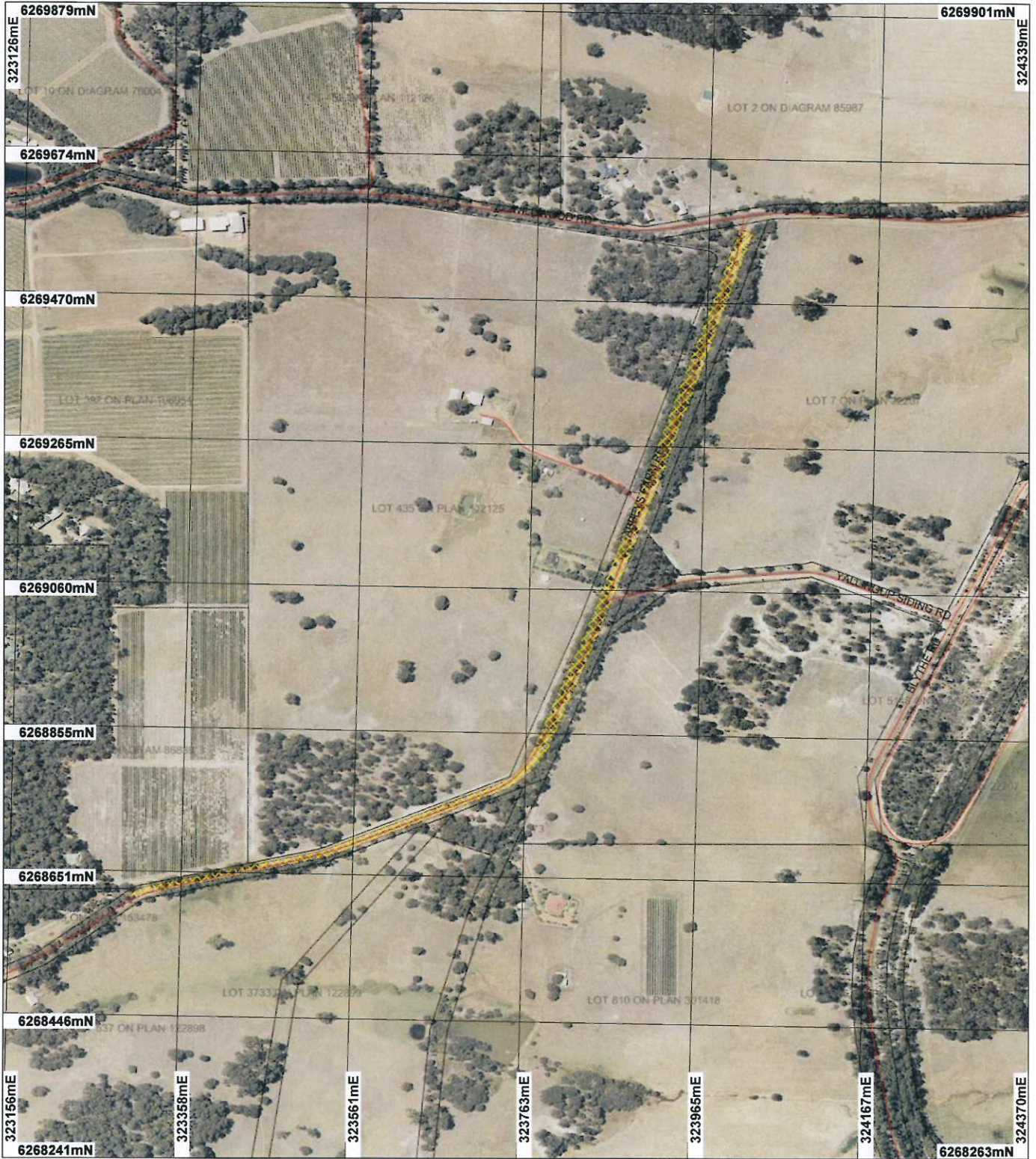
A handwritten signature in black ink, appearing to be "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

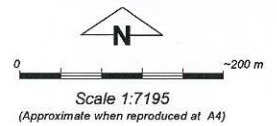
22 April 2010

Plan 3637/1



LEGEND

- Clearing Instruments**
 Areas Approved to Clear
 Road Centralines
- Busselton 50cm Orthomosaic Landgate 2007**



Geocentric Datum Australia 1994

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

Date 22/4/10

K Paulkner
 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.: 3637/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Busselton

1.3. Property details

Property: ROAD RESERVE (YALLINGUP SIDING 6282)

Local Government Area:

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.769		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 Association:</p> <p>3 - Medium forest; jarrah-marri</p> <p>1181 - Medium woodland, jarrah & Eucalyptus haematoxylon (Whicher Range)</p> <p>Shepherd (2007)</p> <p>Mattiske Vegetation Association:</p> <p>Y - Woodland of Eucalyptus marginata subsp. marginata-Corymbia calophylla-Allocasuarina fraseriana-Agonis flexuosas²⁴ and open woodland of Corymbia calophylla on low undulating uplands in the humid zone.</p> <p>Yd - Woodland of Allocasuarina fraseriana-Eucalyptus marginata subsp. marginata-Xylomelum occidentale-Banksia attenuata on sandy slopes in the humid zone.</p> <p>Yw - Woodland of Allocasuarina fraseriana-Nuytsia floribunda-Agonis flexuosa-Banksia attenuata on slopes and open forest of Corymbia calophylla-Eucalyptus patens-Eucalyptus marginata subsp. marginata on the lower slopes and woodland of Eucalyptus rudis-Melaleuca raphiophylla on valley floors in the humid zone.</p> <p>Mattiske (1980)</p>	<p>The application is for the clearing of 0.769ha of roadside vegetation for the purpose of upgrading Abbeys Farm Road.</p> <p>The vegetation under application is considered to be in a good (Keighery, 1994) condition.</p>	<p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p>	<p>Condition of vegetation under application was assessed through aerial photography.</p>

As above

A small portion of the application area is considered to be in degraded (Keighery, 1994) condition.

Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)

As above

3. Assessment of application against clearing principles

Comments

The proposal to clear 0.769ha of native vegetation for the purpose of upgrading existing road infrastructure may have detrimental environmental impacts. There is one priority flora species (*Jonhsonia inconspicua*, 50m W) however this is not located within Abbeys Farm Road reserve. It is unlikely that threatened and rare flora species occur within this road reserve (DEC, 2010).

The vegetation under application is considered to be in a good to degraded (Keighery, 1994) condition. On both sides of the northern portion of the application area the vegetation contained within the road reserve has been classified as having a high conservation value (RCC, 2010). Clearing to one side of the road in this section is advised.

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 would not have a detrimental impact on fauna.

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).

Given the high conservation value of the vegetation under application, it is considered that the proposal may impact on biodiversity at a local level (Principle a) and is not likely to be at variance to any of the remaining principles.

Methodology

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

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
- Matiske Vegetation Complexes (01/03/1998)
- Pre-European vegetation - DA 01/01
- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05
- SAC Biodatasets 130410

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 may be at variance to Principle (a) and is not likely to be at variance to the remaining clearing Principles.

5. References

- DEC (2010) South West Regional Advice. Department of Environment and Conservation DEC Ref A299004.
- 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.

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)