



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5012/1
Permit Holder:	City of Busselton
Duration of Permit:	From 23 June 2012 to 23 June 2017

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of upgrading existing road infrastructure.

2. Land on which clearing is to be done

Yelverton Road Reserve, Wilyabrup (PIN11469308)
Puzey Road reserve, Wilyabrup (PIN11603399, PIN11603398 and PIN11476581)
Abbeys Farm Road reserve, Yallingup Siding (PIN11469295)

3. Area of Clearing

The Permit Holder shall not clear:

- more than 1.856 hectares of native vegetation within the area cross hatched yellow on attached Plan 5012/1a.
- more than 1.428 hectares of native vegetation within the area cross hatched yellow on attached Plan 5012/1b.
- more than 0.769 hectares of native vegetation within the area cross hatched yellow on attached Plan 5012/1c.

4. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

5. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation for the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

6. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

7. **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.

8. **Weed control**

When undertaking any clearing or other activity authorised under this Permit along Yelverton Road reserve, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

DEFINITIONS

The following meanings are given to terms used in this Permit:

fill means material used to increase the ground level, or fill a hollow;

mulch means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

term means the duration of this Permit, including as amended or renewed;

weeds means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

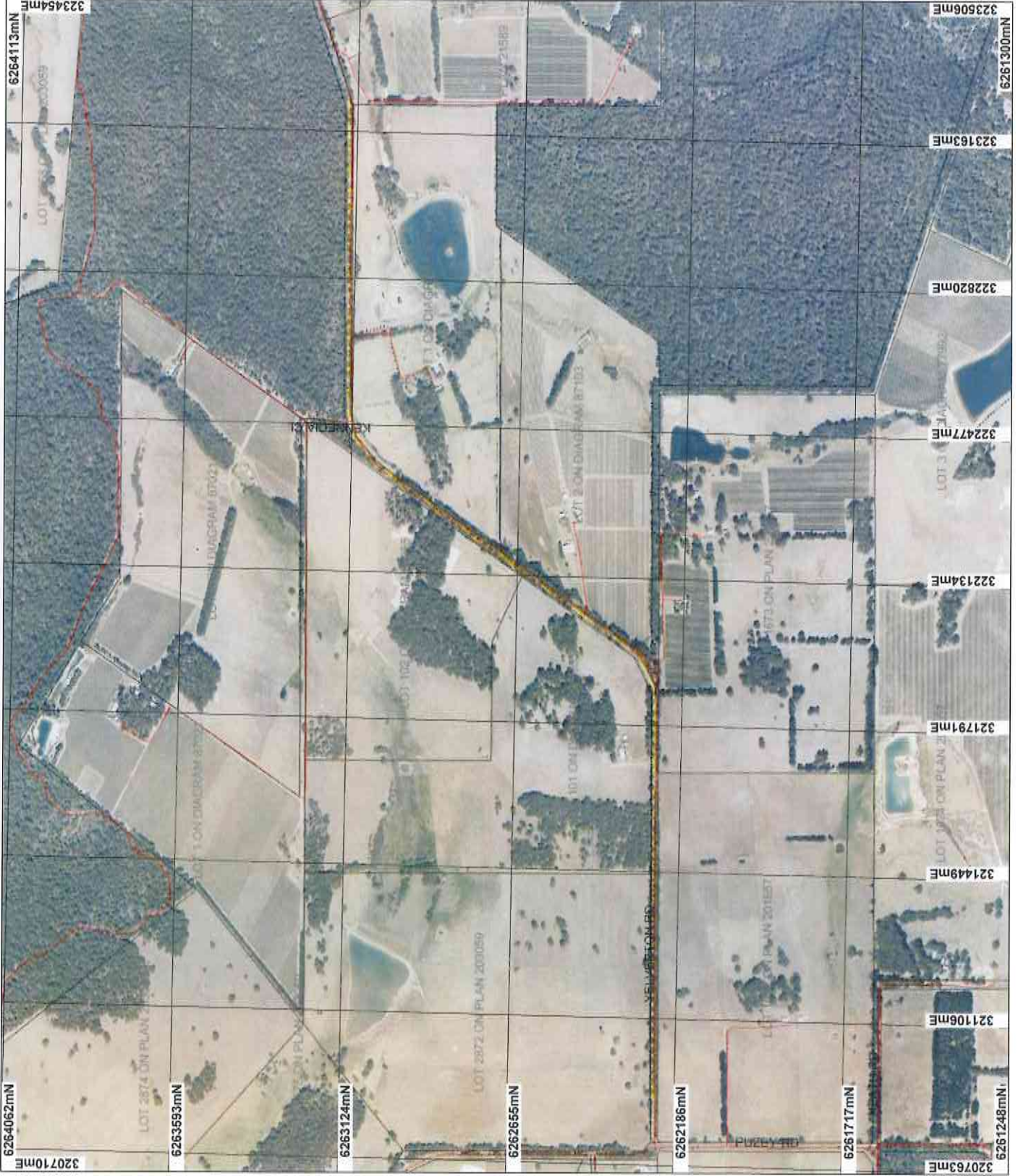


Matt Warnock
MANAGER, COMPLIANCE AND AUDIT SECTION
NATIVE VEGETATION CONSERVATION BRANCH

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

1 June 2012

Plan 5012/1a



LEGEND

- Clearing Instrument
- Areas Approved to Clear
- Road Centrelines
- Cadastre for labellir
- Busseton 50cm Oct 2007



0 375 m

Scale 1:13387

(Approximate when reproduced at A4)

Geocentric Datum Australia 1984

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

M. Warlock Date 1/6/12

M Warlock

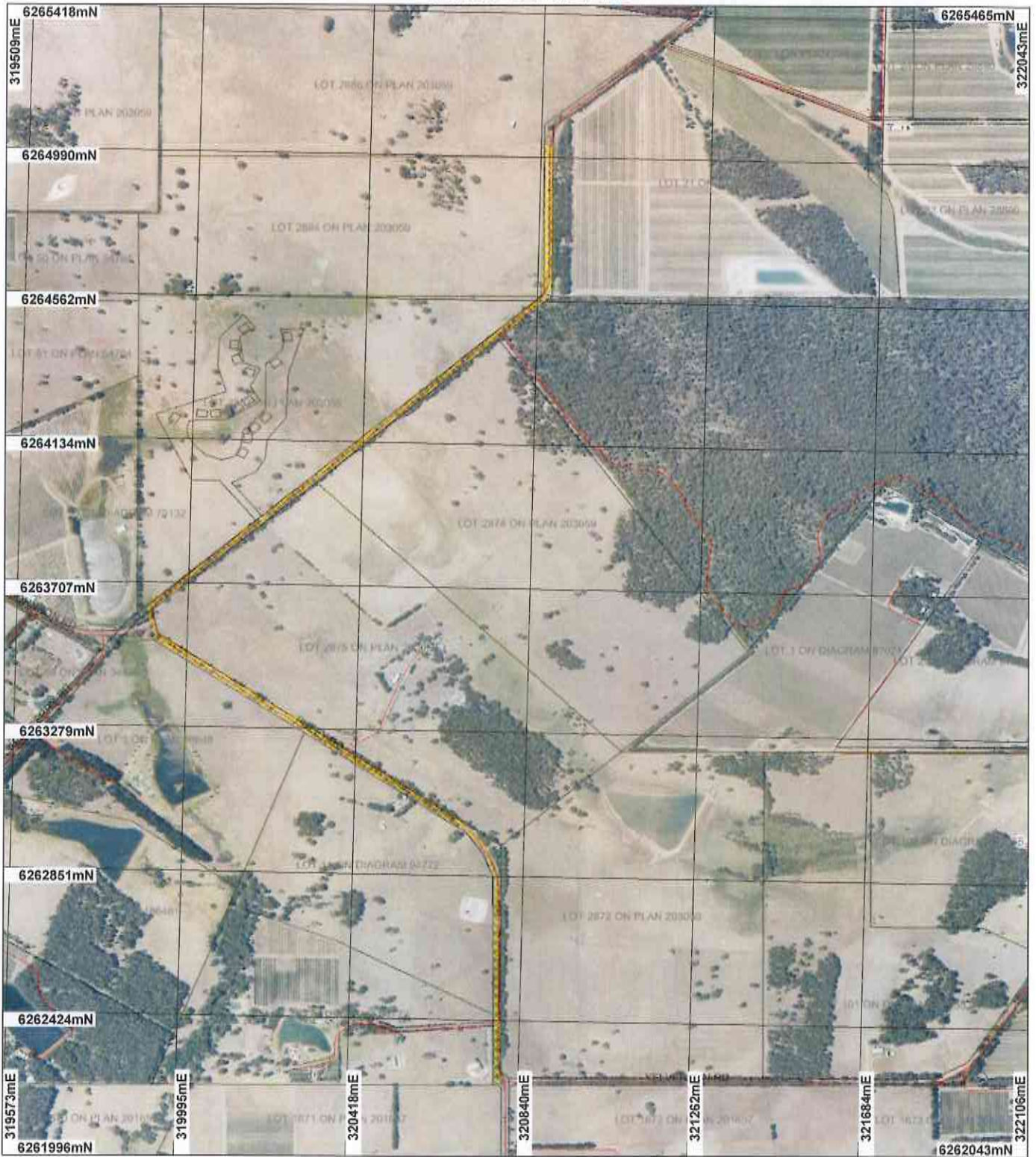
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

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



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Plan 5012/1b



LEGEND

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



0 ————— 375 m

Scale 1:15027

(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.

M Warnock Date 1/6/12
M Warnock

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

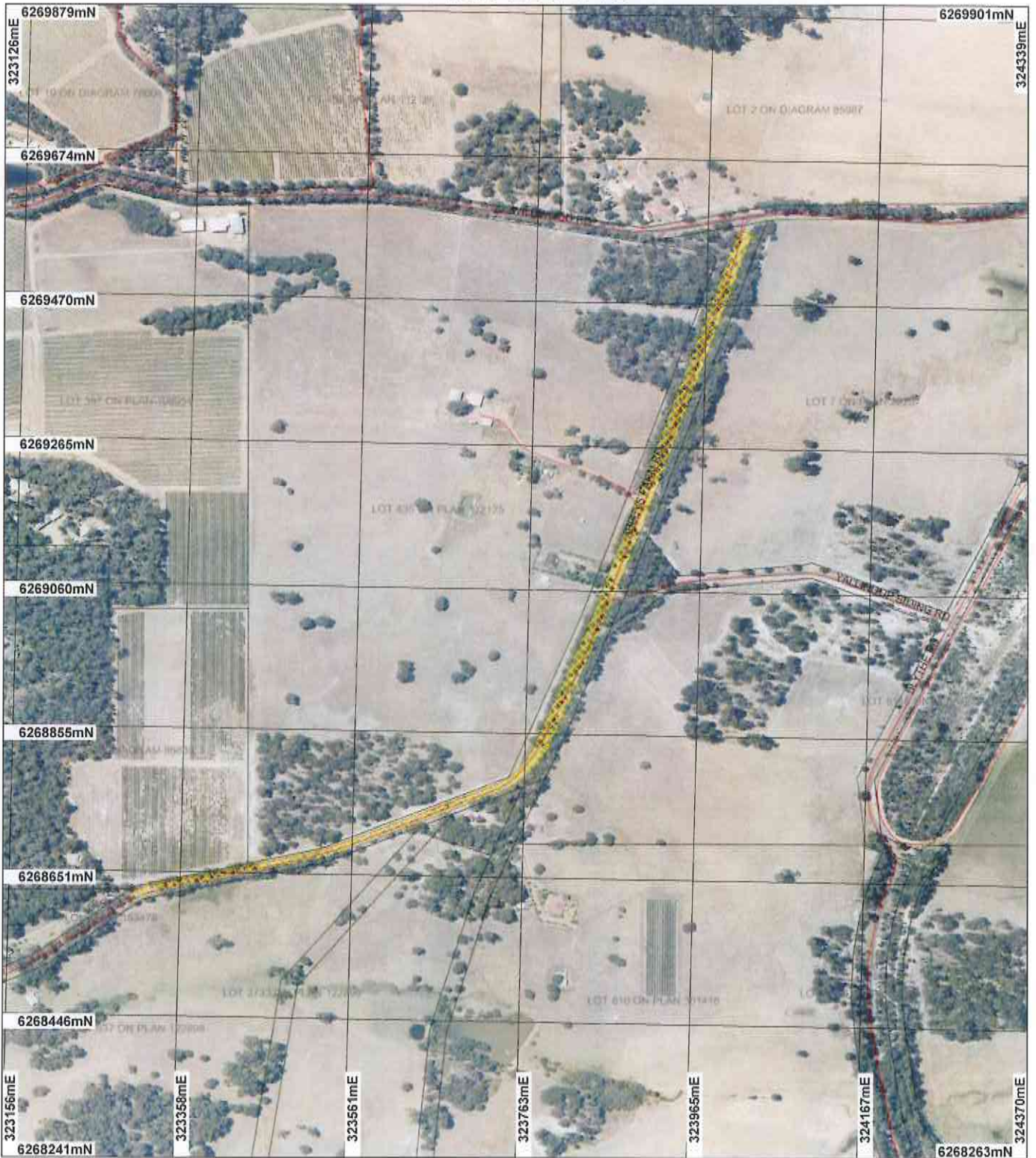
Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



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Plan 5012/1c



LEGEND

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



0 200 m

Scale 1:7195
 (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.

M Warnock Date 1/6/12
 M Warnock

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



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1. Application details

1.1. Permit application details

Permit application No.: 5012/1
 Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: City of Busselton

1.3. Property details

Property: ROAD RESERVE (WILYABRUP 6280)
 ROAD RESERVE (WILYABRUP 6280)
 ROAD RESERVE (YALLINGUP SIDING 6282)

Local Government Area: City of Busselton

Colloquial name: Yelverton Road reserve
 Puzey Road reserve
 Abbeys Farm Road reserve

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1.856		Mechanical Removal	Infrastructure Maintenance
1.428		Mechanical Removal	Infrastructure Maintenance
0.769		Mechanical Removal	Infrastructure Maintenance

1.5. Decision on application

Decision on Permit Application: Grant
 Decision Date: 1 June 2012

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>The vegetation within Yelverton and Puzey Road reserves is mapped as Beard Vegetation Associations:</p> <p>3 - Medium forest; jarrah-marri (Shepherd et al, 2001)</p> <p>Mattiske Vegetation Association:</p> <p>C2 - Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla-Banksia grandis on lateritic uplands in perhumid and humid zones.</p> <p>Cw2 - Woodland of Eucalyptus marginata subsp. marginata-Corymbia calophylla on slopes and low woodland of Melaleuca preissiana-24 Banksia littoralis on depressions in perhumid and humid zones. (Mattiske and Havel, 1998)</p>	<p>The proposed clearing consists of 1.856 hectares of native vegetation within Yelverton Road reserve, Wilyabrup, 1.428 hectares of native vegetation within Puzey Road reserve, Wilyabrup and 0.769 hectares of native vegetation within Abbeys Farm Road reserve, Yallingup Siding. The purpose of the clearing is to upgrade existing road infrastructure.</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>

The vegetation within Abbey's Farm Road

reserve is mapped as:

Beard Vegetation
Association:

3 - Medium forest; jarrah-
marri

1181 - Medium woodland,
jarrah & Eucalyptus
haematoxylon (Whicher
Range)

(Shepherd et al, 2001)

Mattiske Vegetation
Association:

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.

Yd - Woodland of
Allocasuarina fraseriana-
Eucalyptus marginata
subsp. marginata-
Xylomelum occidentale-
Banksia attenuata on
sandy slopes in the humid
zone.

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.

(Mattiske and Havel, 1998)

3. Assessment of application against clearing principles

Comments

The proposed clearing consists of 1.856 hectares of native vegetation within Yelverton Road reserve, Wilyabrup, 1.428 hectares of native vegetation within Puzey Road reserve, Wilyabrup and 0.769 hectares of native vegetation within Abbeys Farm Road reserve, Yallingup Siding. The purpose of the clearing is to upgrade existing road infrastructure.

The majority of the vegetation under application is in a good (Keighery, 1994) condition and has been classified as having a high conservation value (RCC, 2010a, RCC 2010b, RCC, 2010c).

The clearing proposed within Yelverton Road reserve is adjacent to Yelverton National Park. The disturbance caused by the proposed clearing will increase the risk of weeds and dieback spreading into this reserve. Weed and dieback management practices will mitigate this risk.

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.

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

Considering the good (Keighery, 1994) condition of the vegetation under application and its high conservation status (RCC, 2010a, RCC 2010b, RCC, 2010c) the proposed clearing may be at variance to principle (a) and is

not likely to be at variance to the remaining principles.

- Methodology** References:
- Keighery (1994)
 - RCC (2010a)
 - RCC (2010b)
 - RCC (2010c)
- GIS Databases
- SAC Bio datasets (30 April 2012)
 - Hydrography, linear -DEC Managed Lands
 - Busselton Townsite 20cm Orthomosaic-Landgate 2008
 - Pre-European Vegetation
 - Matiske Vegetation

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

Comments

The City of Busselton applied to amend clearing permits for CPS 3641/1, CPS3639/1 and CPS 3637/1. These expired on the 22 May 2012. The City then submitted a new clearing application to amalgamate the expired permits into the Carey Street clearing permit application (CPS 5012/1).

The Carey Street portion of the application has since been removed.

The Roadside Conservation Committee (RCC 2010a, RCC 2010b, RCC 2010c) recommends clearing on one side of the road to minimise environmental harm.

- Methodology** References
- RCC (2010a)
 - RCC (2010b)
 - RCC (2010c)

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