



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5357/1
File Number: 2011/006903-1
Duration of Permit: 4 January 2013 to 4 January 2015

PERMIT HOLDER

Shire of Waroona

LAND ON WHICH CLEARING IS TO BE DONE

Coronation Road reserve, Waroona (PIN 1373441 and PIN 1373442 and PIN 1373443)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 17 native trees within the area shaded yellow on attached Plan 5357/1.

CONDITIONS

Nil.

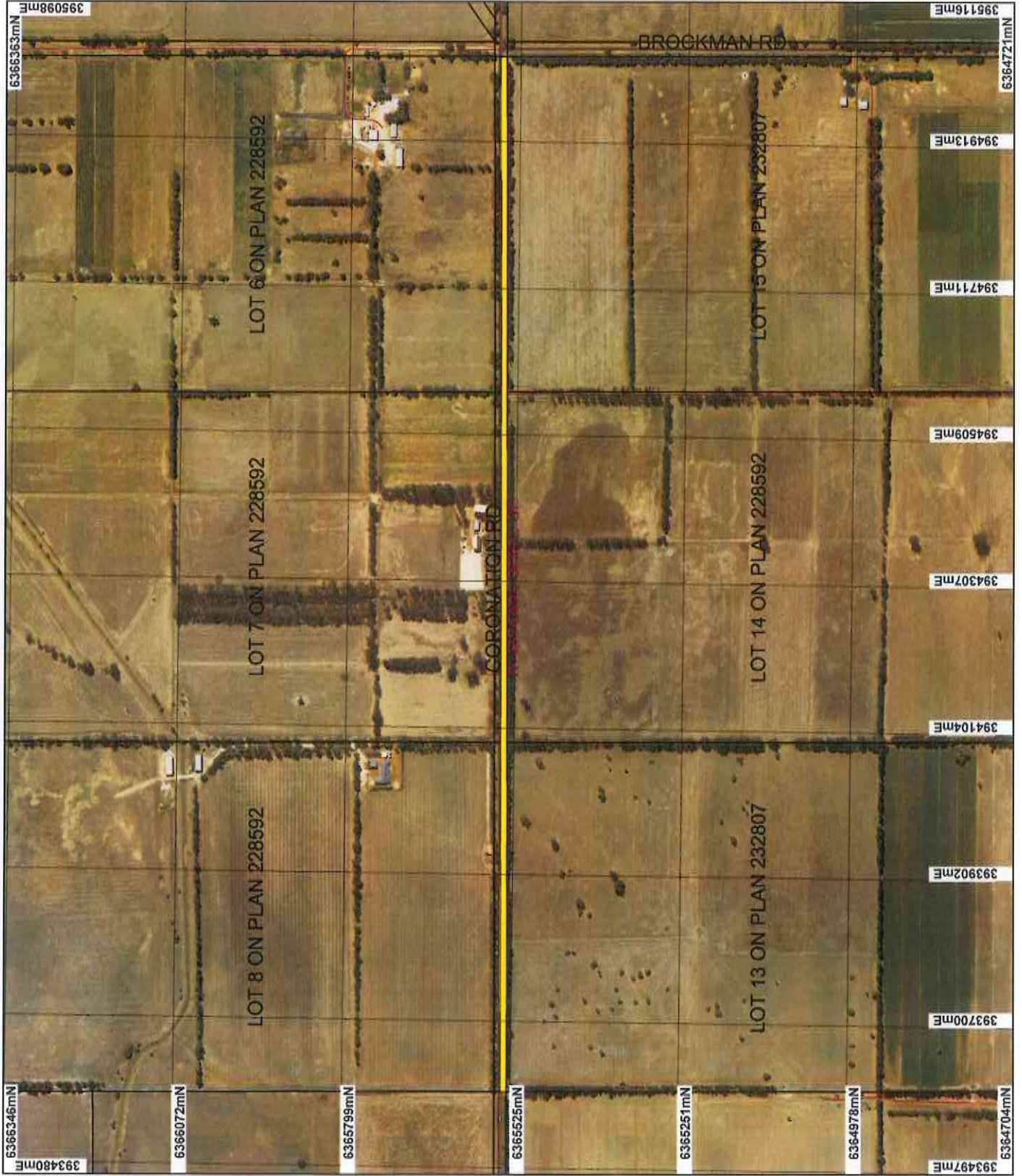
A handwritten signature in black ink, appearing to read "M Warnock", written over a horizontal line.

M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

13 December 2012

Plan 5357/1



LEGEND

- Road Centrelines
 - Cadastre_1
 - Clearing Instruments
 - Areas Approved to Clear
 - Local Government Authorities
- Perth Metropolitan South 15cm
Orthomosaic - Lanigate 2011

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



0 200 m

Scale 1:7852

(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.

Reviewed Date: 13/12/12

M Whitlock

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.: 5357/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Waroona

1.3. Property details

Property: ROAD RESERVE (WAROONA 6215)
Local Government Area: Shire of Waroona
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 13 December 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 under application is mapped as:</p> <p>Beard vegetation association 968: Medium woodland; jarrah, marri & wandoo (Shepherd et al, 2001).</p> <p>Hedde vegetation complex Guildford Complex: mixture of open forest to tall open forest of <i>Corymbia calophylla</i> (Marri) - <i>Eucalyptus wandoo</i> (Wandoo) - <i>Eucalyptus marginata</i> (Jarrah) and woodland of <i>Eucalyptus wandoo</i> (Wandoo) (with rare occurrences of <i>Eucalyptus lane-poolei</i> (Salmon White Gum)). Minor components include <i>Eucalyptus rudis</i> (Flooded Gum) - <i>Melaleuca raphiophylla</i> (Swamp Paperbark) (Hedde et al 1980).</p> <p>Hedde vegetation complex Serpentine river Complex: scrub of <i>Melaleuca</i> species and fringing woodland of <i>Eucalyptus rudis</i> (Flooded Gum) - <i>Melaleuca raphiophylla</i> (Swamp Paperbark) along streams (Hedde et al 1980).</p>	<p>The application is for the proposed clearing of 17 <i>Corymbia calophylla</i> trees along the southern side of Coronation Road Waroona.</p>	<p>Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).</p>	<p>The vegetation condition and description was determined during a site visit by Department of Environment and Conservation officers on the 22 October 2012 (DEC, 2012).</p>

3. Assessment of application against clearing principles

Comments

The application is to clear 17 *Corymbia calophylla* trees for the purpose of road widening on the southern side of Coronation Road, Waroona, and is unlikely to have any significant environmental impacts. The vegetation is considered to be in a degraded (Keighery, 1994) condition with little to no understorey present (DEC, 2012).

There are no rare or priority flora species or threatened ecological communities in the vicinity of the project. The vegetation to be cleared is not significant as a remnant and does not consist of an area of high biodiversity.

Given the clearing consists of 17 trees, it is unlikely for the proposed clearing to impact on nearby conservation areas, cause or exacerbate land degradation or flooding, impact on water quality or contain significant fauna habitat. The trees under question were not of an age or size capable of containing hollows (DEC, 2012).

The application is not likely to be at variance to any of the clearing principles.

Methodology References:
- DEC (2012)
- Keighery (1994)

GIS databases:
- Hydrography, linear DOW 13/7/06
- Pre-European vegetation - DA 01/01
- SAC Bio datasets (Accessed Nov 2012)

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

Comments

The clearing of 17 *Corymbia calophylla* trees is for the purpose of road widening. The trees to be cleared will be to close to the carriage way once works have been completed (Shire of Waroona, 2012).

The area under application is zoned as road reserve.

Methodology References:
- Shire of Waroona (2012)

GIS databases:
- Town Planning Scheme Regional (2012)

4. References

DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5357/1, Coronation Road Reserve, Waroona. Site inspection undertaken 22/010/2012. Department of Environment and Conservation, Western Australia (DEC Ref. A572205).

Heddle, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.

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.

Shire of Waroona (2012) Application for Clearing Permit CPS 5357/1, Coronation Road Reserve, Waroona. Shire of Waroona 5 November 2012, Western Australia (DEC Ref. A563710).

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)