



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6414/1
Permit Holder:	Shire of Murray
Duration of Permit:	14 March 2015 – 14 March 2020

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 road widening and works.

2. Land on which clearing is to be done

Brownes Lane road reserve (PIN 1385152), Coolup

3. Area of Clearing

The Permit Holder must not clear more than 0.8 hectares of native vegetation within the area hatched yellow on attached Plan 6414/1.

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.

PART II – MANAGEMENT CONDITIONS

6. Dieback and weed control

- (a) When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds* and *dieback*:
- clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared;
 - 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:

dieback means the effect of *Phytophthora* species on native vegetation;

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;

weed/s means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

12 February 2015

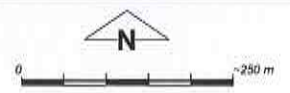
Plan 6414/1



LEGEND

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

Perth Metropolitan South
15cm Orthomosaic - Landgate
2011



Scale 1:9000
(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 12/2/15
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.



Government of Western Australia
Department of Environment Regulation

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Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 6414/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Murray

1.3. Property details

Property: BROWNES ROAD RESERVE (COOLUP 6214)
Local Government Area: Shire of Murray

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 12 February 2015

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description

The vegetation under application has been mapped as Beard Vegetation Association 968: Medium woodland; jarrah, marri & wandoo (Shepherd et al. 2001).

Vegetation Condition

Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)
to
Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)

3. Assessment of application against clearing principles, planning instruments and other relevant matters

Comments

The application is for the proposed clearing of 0.8 hectares within Brownes Lane road reserve (PIN 1385152), Coolup, for the purpose of road widening and works.

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding. The assessment has found that the clearing under application is at variance to clearing principle (f) and is not likely to be at variance to the remaining principles.

The application area is within a Multiple Use management category wetland and its northern extremity is immediately to the southeast of a Conservation category wetland which is associated with a threatened ecological community. Given the degraded to completely degraded (Keighery 1994) condition of the vegetation (DER 2015) and the small extent and linear nature of the application area, the proposed clearing is not likely to impact significantly on these ecosystems. However, given the close proximity of the application area to the Conservation category wetland and the threatened ecological community, management practices are recommended to minimise the spread of weeds and dieback into these areas.

Three trees within the application area contain hollows. These hollows were considered too small (DER 2015) to be suitable as breeding habitat for the Carnaby's cockatoo (*Calyptorhynchus latirostris*), forest red-tailed black cockatoo (*Calyptorhynchus banksii naso*) and Baudin's cockatoo (*Calyptorhynchus baudinii*), as these species breed in the hollows of very long lived trees, usually more than 200 years old (Commonwealth of Australia 2012). For Carnaby's cockatoos the entrance to hollows must have a minimum diameter of at least 100 millimetres to be suitable (DEC 2010).

The Shire of Murray (2014) has proposed to revegetate sections of Brownes Lane (and a section of East Coolup Road reserve) that are currently void of trees.

The application area encroaches slightly on a mapped registered Indigenous Heritage Site. It is the responsibility of the proponent to ensure that no Aboriginal Sites of Significance are damaged through the clearing process. The proponent is advised to liaise with the Department of Aboriginal Affairs regarding their obligations under the Aboriginal Heritage Act 1972.

No submissions have been received.

Methodology

References:

- DER (2015)
- Shire of Murray (2014)
- DEC (2010)
- Commonwealth of Australia (2012)

GIS Databases:

- Aboriginal Sites of Significance
- DPaW Tenure
- Geomorphic Wetlands
- Hydrology, linear
- IBRA Australia
- Pre-European Vegetation
- RIWI Act, Rivers, Groundwater
- SAC Biodatasets Accessed January 2015

4. References

- Commonwealth of Australia (2012) EPBC Act referral guidelines for three threatened black cockatoo species, Canberra.
- DEC (2010) Artificial Hollows fo Carnaby's Black Cockatoo. An Investigation of the Placement, Use, Monitoring and Maintenance Requirements of Artificial Hollows for Carnaby;s Black Cockatoo. Department of Environment Conservation, Western Australia.
- DER (2015) Site visit report for clearing permit application CPS 6414/1, 28 January 2015. Department of Environment Regulation, Western Australia (DER Ref: A860856).
- 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 Murray (2014) Application for clearing permit CPS 6414/1. Shire of Murray (DER Ref: A730586).