



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6842/1
Permit Holder:	Shire of Coorow
Duration of Permit:	26 March 2016 – 26 March 2018

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 realignment.

2. Land on which clearing is to be done

Brand Highway road reserve (PIN 1358771), Warradarge

3. Area of Clearing

The Permit Holder must not clear more than 0.4 hectares of native vegetation within the area hatched yellow on attached Plan 6842/1.

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. 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:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

7. Dieback and weed control

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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *dieback* or *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:

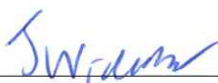
dieback means the effect of *Phytophthora* species on native vegetation;

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.



James Widenbar
A/SENIOR MANAGER
CLEARING REGULATION

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

25 February 2016

Plan 6842/1



Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



1:3,027

(Approximate when reproduced at A4)
GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

James Widenbar Date *25/2/2016*
James Widenbar

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



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1. Application details

1.1. Permit application details

Permit application No.: 6842/1
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Shire of Coorow

1.3. Property details

Property: ROAD RESERVE - 1358771, WARRADARGE
Colloquial name:
Local Government: COOROW, SHIRE OF
Authority:
DER Region: Midwest
DPaW District: MOORA
Localities: WARRADARGE

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 25 February 2016
Reasons for Decision: The clearing application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*, and it has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

Through assessment it has been determined that the clearing is unlikely to have any significant environmental impacts. State policies and other relevant policies have been taken into consideration in the decision to grant a clearing permit.

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 1031 is described as: Mosaic: Shrublands; hakea scrub-heath / shrublands; dryandra heath (Shepherd et al., 2001)	The application is to clear 0.4 hectares of native vegetation within Brand Highway road reserve (PIN 1358771), Warradarge, for the purpose of road realignment.	Excellent; Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994).	The condition and description of the vegetation under application has been determined via aerial imagery and flora survey undertaken by Williams (2015).

3. Assessment of application against clearing principles

Comments The application is to clear 0.4 hectares of native vegetation within Brand Highway road reserve (PIN 1358771), Warradarge, for the purpose of road realignment.

The area under application contains vegetation in excellent (Keighery 1994) condition (Williams 2015).

Twelve rare and 49 priority flora species have been recorded within the local area (10 kilometre radius). A flora survey was undertaken within the area under application in November 2015 (Williams 2015) and no rare flora was identified within the application area. One Priority 3 flora species was identified within the survey area, of which 60 individuals were recorded (Williams 2015). The clearing proposed will impact on an unspecified number of individuals, however Priority 3 species are known from several locations, and do not appear to be under imminent threat. Therefore the clearing of 0.4 hectares of native vegetation that supports this species is not likely to impact upon the conservation status of the species.

One fauna species, Carnaby's cockatoo (*Calyptorhynchus latirostris*) listed as rare or likely to become extinct under the *Wildlife Conservation Act 1950* has been recorded within the local area (10 kilometre radius) (Parks and Wildlife 2007-). Some flora species within the application area may provide foraging habitat for this species, however given the relatively small area (0.4 hectares) under application the vegetation proposed to be cleared is not likely to contain significant habitat for this species. Suitable habitat within the area adjacent to the application area within Brand Highway road reserve also provides habitat for this species.

No watercourses, conservation areas, threatened or priority ecological communities have been recorded within the vicinity of the area under application.

Given the relatively small area under application located within a road reserve the clearing as proposed is not likely cause appreciable land degradation, cause deterioration in the quality of surface or underground water, cause, or exacerbate the incidence of flooding or be considered to be a significant remnant within an extensively cleared area.

The area under application is surrounded by remnant vegetation and the clearing as proposed may indirectly impact this vegetation through the spread of weeds and dieback. Weed and dieback management practices will help mitigate this risk.

Given the above the clearing as proposed is not likely to be at variance to any of the clearing principles.

Methodology

References:
Keighery (1994)
Parks and Wildlife (2007-)
Williams (2015)

GIS Datasets:
Hydrography, linear
NLWRA, Current Extent of Native Vegetation
Parks and Wildlife Tenure
Pre-European Vegetation
SAC bio datasets accessed February 2016
Soils, Statewide

Planning instruments and other relevant matters.

Comments No submissions have been received in relation to this application.

No Aboriginal Sites of Significance have been recorded within the application area.

Methodology GIS Datasets:
Aboriginal Sites of Significance

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.
- Parks and Wildlife (2007-) NatureMap: Mapping Western Australia's Biodiversity. Department of Parks and Wildlife. URL: <http://naturemap.dpaw.wa.gov.au/>. Accessed February 2016
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.
- Williams, D (2015) Shire of Coorow. Report on Flora and other Environmental factors relating to application to clear native vegetation with that area of vegetation from the western end of the new realignment of Tootbardi Road being the eastern road verge of the Brand Highway. Western Australia. DER Ref: A1055420