



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6668/1
Permit Holder:	Shire of Manjimup
Duration of Permit:	21 November 2015 to 21 November 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 upgrades and widening.

2. Land on which clearing is to be done

Middleton Road reserve (PIN 11559914), Boorara Brook.

3. Area of Clearing

The Permit Holder must not clear more than 0.7 hectares of native vegetation within the area cross hatched yellow on attached Plan 6668/1.

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, 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 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*:

- (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;

weeds 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.

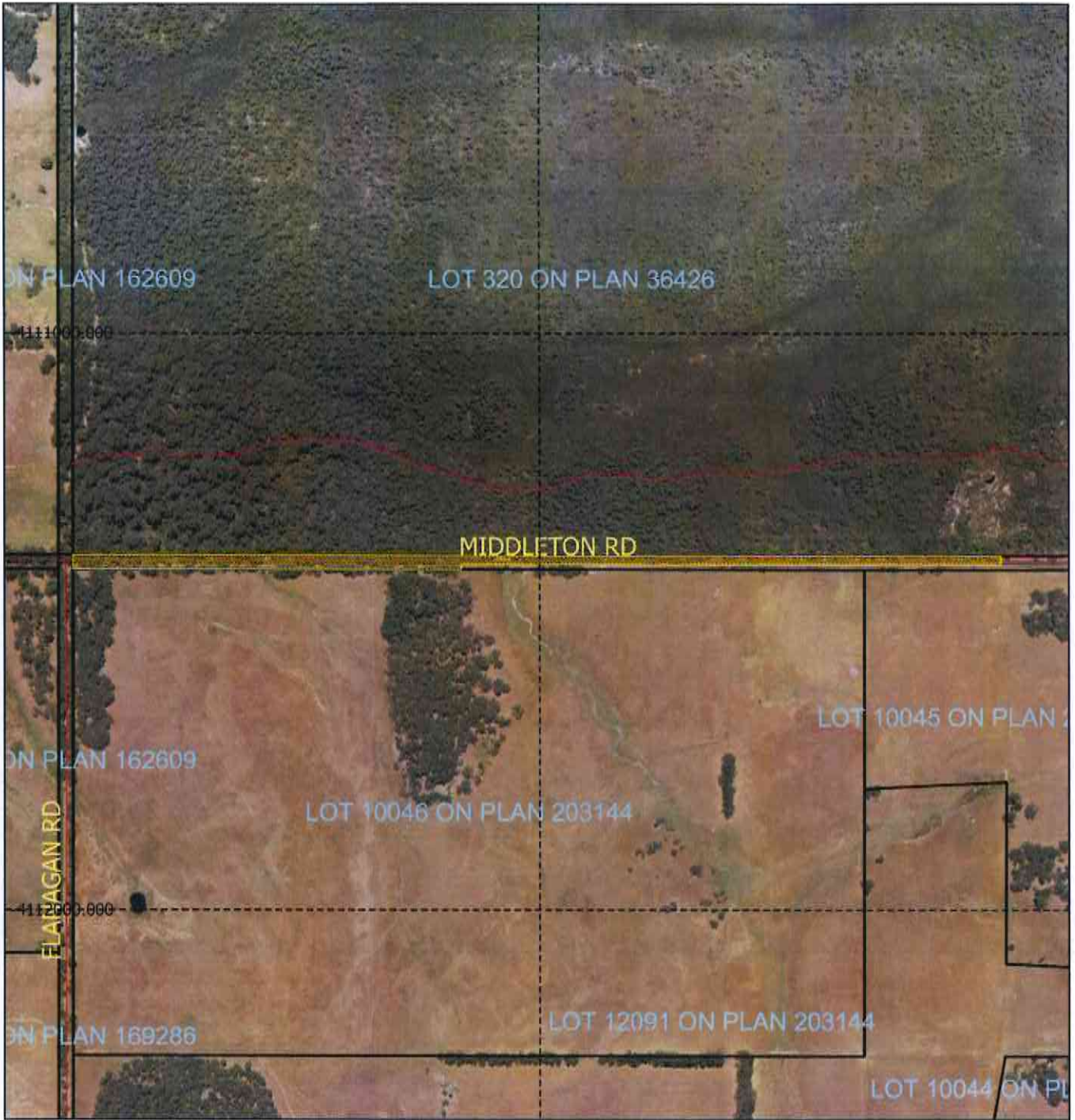


M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

22 October 2015

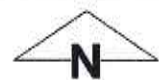
Plan 6668/1



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Legend

-  Areas approved to clear
-  Iga
-  Roads
-  Cadastre
- Virtual Mosaic



1:10,000

MGA 94
Geocentric Datum of Australia 1994

M Warnock Date *22/10/15*
M Warnock

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



GOVERNMENT OF
WESTERN AUSTRALIA



1. Application details

1.1. Permit application details

Permit application No.: 6668/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Shire of Manjimup

1.3. Property details

Property: ROAD RESERVE - 11559914, BOORARA BROOK
Colloquial name: Middleton Road
Local Government: SHIRE OF MANJIMUP
Authority:
DER Region: South Coast
DPaW District: DONNELLY
LCDC: MANJIMUP
Localities: BOORARA BROOK

1.4. Application

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

1.5. Decision on application

Decision on Permit: Granted
Application:
Decision Date: 22 October 2015

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 23 is described as low woodland; jarrah-banksia (Shepherd et al, 2001),	The applicant proposes to clear 0.7 hectares of native vegetation for the purpose of road widening and reconstruction.	Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994). To	The condition and structure of the vegetation under application was determined via a site inspection undertaken by the Department of Environment Regulation (DER, 2015).
Mattiske Vegetation Angove (A) Complex consists of open forest of Eucalyptus marginata subsp. marginata-Banksia ilicifolia-Nuytsia floribunda with some Eucalyptus diversicolor on gently sloping sandy terrain in hyperhumid and perhumid zones. (Mattiske and Havel, 1998).		Completely Degraded: No longer intact; completely/almost completely without native species (Keighery, 1994)	

3. Assessment of application against clearing principles

Comments The application is for the proposed clearing of up to 0.7 hectares of native vegetation within Middleton Road Reserve for the purpose of road upgrades and widening.

A site inspection of the application area undertaken by the Department of Environment Regulation (DER) described the vegetation under application as degraded to completely degraded (Keighery, 1994) open roadside vegetation consisting of predominantly Karri and Jarrah trees, with little to no understorey present (DER, 2015). The applicant has advised that the proposed clearing will only extend approximately one metre either side from the road edge. Given this, very little understorey will be impacted by the proposed clearing.

Given the long, linear and degraded condition of the vegetation under application, lack of understorey species, evidence of disturbance and lack of hollow bearing trees (DER, 2015), clearing the vegetation proposed is not likely to impact on rare or priority flora, a priority or threatened ecological community, or significant fauna habitat and is not likely to be classified as clearing a significant remnant within a highly cleared landscape (Parks and Wildlife, 2015; DER, 2015).

A major perennial watercourse known as the 'Gardner River' and a minor perennial watercourse crosses the centre and western portion of the application area respectively. The proposed clearing may impact upon vegetation growing in association with these watercourses. However, impacts to the riparian vegetation are likely to be minimal given the clearing is only extending one metre either side of the road reserve.

The application area falls adjacent to the Jane National Park (A class) reserve. The disturbance caused by the proposed clearing, will increase the risk of weeds and dieback being spread into this reserve. Weed and dieback management practices will assist in mitigating this risk.

Given the linear nature of the application area and the degraded condition of the vegetation, clearing the vegetation under application is not likely to contribute to or cause land degradation, deteriorate the quality of ground water or surface water and is not likely to cause or exacerbate flooding.

Given the above, clearing the vegetation under application is at variance to Principle (f) and is not likely to be at variance to the remaining clearing Principles.

Methodology

References:

- DER (2015)
- Keighery (1994)
- Parks and Wildlife (2015)

GIS Datasets:

- SAC Bio Datasets (Accessed October 2015)
- Parks and Wildlife tenure
- Hydrography, linear DOW
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation

Planning instruments and other relevant matters.

Comments The application is for the proposed clearing of up to 0.7 hectares of native vegetation within Middleton Road Reserve for the purpose of road upgrades and widening.

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

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

Methodology

GIS Databases

- Aboriginal Sites of Significance
- Town Planning Scheme Zones

4. References

- DER (2015) Site Inspection Report for CPS 6668/1. Department of Environment Regulation. Western Australia. (A955915).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, 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.
- Parks and Wildlife (2015) Regional advice for Clearing Permit CPS 6668/1. Department of Parks and Wildlife. Western Australia (DER Ref: A990311)
- 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.