



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5521/1
Permit Holder:	Shire of Jerramungup
Duration of Permit:	31 May 2013 – 31 May 2015

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

Swamp Road reserve, Bremer Bay (PIN 11541633)
Doubtful Island Road reserve, Bremer Bay (PIN 11541663)

3. Area of Clearing

The Permit Holder must not clear more than 0.3 hectares of native vegetation within the area hatched yellow on attached Plan 5521/1.

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.

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. 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 *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;

weed/s means any plant -

- (a) that is declared under the section 37 of *Agriculture and Related Resources Protection Act 1976*; or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.



M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

9 May 2013

Plan 5521/1



LEGEND

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre

Bremer And Extents 50cm
Orthomosaic - Landgate
2008



Scale 1:8246

(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 9/5/13
M Warnock

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

Our environment, our future
WA Crown Copyright 2002



1. Application details

1.1. Permit application details

Permit application No.: 5521/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Jerramungup

1.3. Property details

Property: ROAD RESERVE (BREMER BAY 6338)
Local Government Area: Shire of Jerramungup
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 9 May 2013

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
Mapped Beard vegetation association 47: Shrublands; tallerack mallee-heath (Shepherd et al, 2001)	The application is to clear up to 0.3 hectares of native vegetation within Swamp Road and Doubtful Island Road reserve, for the purpose of road widening and realignment.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation under application has been obtained through aerial photography (Jerramungup 50cm Orthomosaic - Landgate 2008).
	The vegetation under application is in a degraded to excellent (Keighery, 1994) condition.	To Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

The application is to clear 0.3 hectares of native vegetation within Swamp Road and Doubtful Island Road reserves, for the purpose of road widening and realignment. The clearing required within Swamp Road consist only of trimming vegetation over a 120 metre linear length up to a width of one metre. The remainder of the clearing will be undertaken within Doubtful Island Road reserve.

Two priority 3 flora species and one rare flora species have been recorded on the banks of the Bremer River within five kilometres of the area under application. The three species generally exist in habitats that consist of floodplains or river beds. The application is not within a floodplain nor is there a watercourse within the applied area. Considering this along with the small amount of clearing, the application is not likely to impact on priority or rare flora species.

The vegetation under application is represented by Beard Vegetation Association 47 of which there is 34 percent of its pre-European extent remaining (Government of Western Australia, 2013). The application does not occur within an extensively cleared landscape with approximately 55 per cent vegetation remaining within five kilometres of the applied area.

The Bremer River is approximately 1.7 kilometres from the clearing area. Numerous tributaries have been mapped within the local area however, none intersect with the application area. The application is unlikely to

consist of wetland/watercourse dependent vegetation.

Given the clearing size of 0.3 over a linear distance of approximately 700 metres, the proposed clearing will not significantly impact on biodiversity in the local area, nor is it likely for the proposed clearing to contain significant fauna habitat, impact on conservation areas, cause or exacerbate land degradation or flooding or impact on water quality.

The disturbance caused by the proposed clearing will increase the risk of weeds spreading into adjacent vegetation within the road reserves. Weed management practices will assist in mitigating this risk.

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

Methodology Reference:

- Government of Western Australia (2011)
 - Keighery (1994)
- GIS Databases:
- Interim Biogeographic Regionalisation
 - NLWRA, Current Extent of Native Vegetation

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

Comments

There have been no public submissions received for the application.

Methodology

4. References

- Government of Western Australia. (2013). 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. WA Department of Environment and Conservation, Perth.
- 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.

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)