



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4013/1
File Number: DEC2010/008127
Duration of Permit: From 4 December 2010 to 4 December 2012

PERMIT HOLDER

Shire of Jerramungup

LAND ON WHICH CLEARING IS TO BE DONE

Lot 262 on Deposited Plan 211852, Jerramungup
Lot 263 on Deposited Plan 211852, Jerramungup
Lot 264 on Deposited Plan 211852, Jerramungup
Lot 265 on Deposited Plan 211852, Jerramungup

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.42 hectares of native vegetation, within the area hatched yellow on attached Plan 4013/1.

CONDITIONS

1. 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*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

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 a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

A handwritten signature in cursive script, appearing to read "Matthew Warnock", written over a horizontal line.

Matthew Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

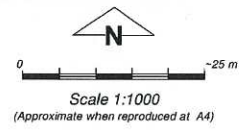
4 November 2010

Plan 4013/1



LEGEND

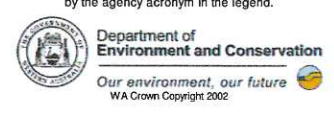
- Road Centrelines
- Local Government Authorities
- Clearing Instruments
- Areas Approved to Clear
- Cadastre for labelling
- Jerramungup 50cm Orthomosaic - Landgate 2008



Geocentric Datum Australia 1994
Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Wamock Date 4/11/2010
M Wamock

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.





1. Application details

1.1. Permit application details

Permit application No.: 4013/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Jerramungup

1.3. Property details

Property: LOT 262 ON PLAN 211852 (Lot No. 262 COLLINS JERRAMUNGUP 6337)
 LOT 263 ON PLAN 211852 (Lot No. 263 COLLINS JERRAMUNGUP 6337)
 LOT 264 ON PLAN 211852 (Lot No. 264 COLLINS JERRAMUNGUP 6337)
 LOT 265 ON PLAN 211852 (Lot No. 265 COLLINS JERRAMUNGUP 6337)

Local Government Area:

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.42		Mechanical Removal	Building or Structure

1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 4 November 2010

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
Shepherd (2009) describes vegetation association 940 as Mosaic: Shrublands; mallee scrub, black marlock / Shrublands; tallerack mallee-heath.	Low mallee shrubs and heath.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	From the aerial photos it appears degraded.
as above	as above	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	as above

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**

The proposed clearing of 0.42ha of native vegetation is for the purpose of clearing land for future residential lots. The clearing is to occur on Lots 262, 263, 264 and 265 on Deposited Plan 211852, Shire of Jerramungup. The vegetation appears in a 'good' to 'degraded' condition (Keighery 1994).

There were two records of declared rare flora (*Verticordia crebra* and *Boronia clavata*) within the local area (10km radius). *Verticordia crebra* was recorded 900m north of the application area on the same soil type and different vegetation type, however this species is not known to occur within the local area and is unlikely to occur within the applied area (DEC 2010). *Boronia clavata* was recorded 6km north east of the applied area on different soil and vegetation types.

There were 12 priority flora species recorded within the local area, some of which occur within the same soil and/or vegetation type. Given the previous disturbances and the surrounding 'good' to 'degraded' condition the vegetation under application it is unlikely to be significant flora habitat.

The Shire retains 44.04% of pre-European levels of vegetation (Shepherd 2009). The vegetation type impacted by the proposed clearing (Beard 940) has 46.66% remaining within the bioregion (Shepherd 2009). There is approximately 15% native vegetation remaining within the local area. The national objectives and targets for biodiversity conservation in Australia has a target to prevent clearance of ecological communities with an extent

below 30 per cent of that present pre-1750, below which species loss appears to accelerate exponentially at an ecosystem level (Commonwealth of Australia 2001).

Given the highly cleared landscape and the good to degraded condition of the vegetation the area under application may hold value as an ecological linkage and therefore may be significant as a remnant in an area that has been extensively cleared.

Given the above, the proposal maybe at variance to principle (e), and is not likely to be at variance to the remaining clearing principles. Due to the relatively small scale of the proposed clearing, the assessment determined that the proposed clearing is not likely to significantly impact any biodiversity or environmental values, or cause any appreciable land degradation..

Weed control conditions would further reduce potential impacts on the local area.

Methodology **References**
Keighery (1994)
Shepherd (2009)
EPA (2000)
DEC (2010)
GIS Databases:
-SAC Biodatasets - accessed October 10
- Jerramungup 50cm Orthomosaic - Landgate 2008
-Pre-European Vegetation
-NLWRA, Current Extent of Native Vegetation
-Interim Biogeographic Regionalisation of Australia

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

Comments
Town Planning Scheme Zone is residential. The Shire is intending to develop four lots. Stormwater management and filling is required to prepare the lots before marketing. The subdivision has already been created with services readily available to the four lots, with the exception of stormwater management.

Methodology The application area falls within the EPA Position Statement No.2, however the purpose is not for agriculture.
GIS Databases:
-EPA Position paper No 2 Agricultural Region
-Town Planning Scheme Zones

4. References

- EPA (2000) Environmental protection of native vegetation in Western Australia. Clearing of native vegetation, with particular reference to the agricultural area. Position Statement No. 2. December 2000. Environmental Protection Authority, 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. (2009) Adapted from: 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)