



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5472/1
Permit Holder:	Busselton Water Board
Duration of Permit:	26 April 2013 – 26 April 2018

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

1. Purpose for which clearing may be done

Clearing for the purpose of water mains piping installation.

2. Land on which clearing is to be done

Rendezvous Road reserve, Vasse, Pin 11408550.

3. Area of Clearing

The Permit Holder must not clear more than 0.0823 hectares of native vegetation within the area hatched yellow on attached Plan 5472/1.

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 *Water Boards Act 1904* or any other written law.

A handwritten signature in black ink, appearing to read "M Warnock", written over a horizontal line.

M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

4 April 2013

Plan 5472/1



LEGEND

- Road Centrelines
- Local Government Authorities_1
- Clearing Instruments
- Areas Approved to Clear
- Russellton 50cm Orthomosaic - Landgate 2007

* Project Data. This data has not been quality assured. Please contact map author for details.



0 30 m

Scale 1:1200

(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.

emul Date 4/9/2013

M Warrack

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.



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 5472/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Busselton Water Board

1.3. Property details

Property: ROAD RESERVE (VASSE 6280)
Local Government Area: City of Busselton
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.082		Mechanical Removal	Water/gas/cable/pipeline/power installation

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 4 April 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
The vegetation under application is mapped as: Beard vegetation association 1136: woodland; marri with some jarrah, wandoo, river gum and casuarinas (Shepherd et al. 2001). Mattsike vegetation complex LW: Open woodland of Melaleuca raphiophylla and sedgelands of Cyperaceae-Restionaceae spp. on broad depressions in the subhumid zone (Mattsike and Havel 1998).	The application is for the proposed clearing of 0.0823 ha within Rendezvous Road reserve, Vasse, for the purpose of installing a water mains pipe. The vegetation under application consists of sparse, immature regrowth comprised mostly of non-native species (DEC, 2013).	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).	The vegetation condition and description was determined from a flora survey conducted by Opus (2012) and a site visit undertaken by Department of Environment and Conservation staff on 26 March 2013 (DEC, 2013).

3. Assessment of application against clearing principles

Comments

The application is to clear up to 0.0823 hectares of native vegetation for the purpose installing a mains water pipe and is unlikely to have any significant environmental impacts. A targeted threatened flora survey of the application area, used adjoining vegetation to determine the vegetation type, describing it as *Corymbia calophylla* and *Agonis flexuosa* woodland with a predominately introduced ground cover (Opus, 2012). The vegetation is in a degraded to completely degraded (Keighery, 1994) condition (Opus, 2012).

There are records of numerous rare and priority flora within the local area (10 km radius). The nearest is a species of rare orchid, approximately 500m from the application area. Considering the degraded to completely degraded (Keighery, 1994) condition of the vegetation under application and that a targeted springtime threatened flora survey (Opus, 2012) did not identify any flora of conservation significance within the application area, it is unlikely the vegetation proposed to be cleared supports rare or priority flora.

A site inspection by the Department of Environment and Conservation found that no large trees would be impacted by the clearing (DEC, 2013).

A small creek runs through the application area. Considering the small amount of clearing proposed, the

condition of the vegetation and that the applicant has discussed drilling underneath it to minimise impacts (DEC, 2013), the proposed clearing is not likely to result in appreciable impacts to the watercourse, surface water or groundwater.

As the application area is small, linear, been previously cleared and is in degraded to completely degraded (Keighery, 1994) condition, it is not likely to comprise a high level of biological diversity, form significant habitat for indigenous fauna, be necessary for the maintenance of a threatened ecological community or be considered a significant remnant within a highly cleared landscape. The small scale of the proposed clearing is unlikely to cause appreciable land degradation or flooding and due to the distance to conservation reserves environmental values of these areas are unlikely to be affected.

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

Methodology

References

- DEC (2013)
- Keighery (1994)
- Opus (2012)

GIS databases:

- Hydrography, linear
- Pre-European vegetation
- SAC Biodatasets (Accessed March 2013)

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

Comments

Rendezvous Road reserve is vested with the City of Busselton. The City of Busselton (2013) has agreed to the clearing of the vegetation in accordance with the management recommendations of a report on the Rendezvous Road reserve, to facilitate installation of the pipeline.

The City of Busselton is reported to have advised Busselton Water that the alignment of the water main in the vicinity of the existing transmission lines will be beneficial as the area has previously been disturbed (Opus, 2012).

There are no Aboriginal Sites of Significance mapped within the application area.

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

Methodology

References

- City of Busselton (2013)
- Opus (2012)

GIS databases:

- Aboriginal Sites of Significance

4. References

- City of Busselton (2013) Advice and support for the proposed clearing in Rendezvous Road reserve, Vasse. City of Busselton 8 January 2013 (DEC Ref. A596564).
- DEC (2013) Site Inspection Report for Clearing Permit Application CPS 5472/1, Rendezvous Road reserve, Busselton. Site inspection undertaken 26/03/2013. Department of Environment and Conservation, Western Australia (DEC Ref. A613592).
- 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.
- Opus (2013) Targeted Threatened Flora Survey, Rendezvous Road reserve, Vasse. Opus, 4 December 2012 (DEC Ref. A596564).
- 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)