



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4251/1
File Number: 2011/001582-1
Duration of Permit: From 9 May 2011 to 9 May 2013

PERMIT HOLDER

Shire of Boddington

LAND ON WHICH CLEARING IS TO BE DONE

Ashcroft Road reserve (Marradong 6390)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.75 hectares of native vegetation within the area shaded yellow on attached Plan 4251/1.

CONDITIONS

Nil

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

Matt Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

14 April 2011

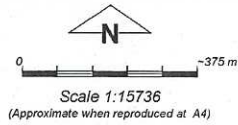
Plan 4251/1



LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre



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 14/4/11

M. Warnock
 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.: 4251/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Boddington

1.3. Property details

Property: ROAD RESERVE (MARRADONG 6390)
Local Government Area: Shire of Boddington
Colloquial name: Ashcroft Road reserve

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 14 April 2011

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 area under application is mapped as Beard vegetation associations 3 and 4. Shepherd (2009) describes these vegetation types as;	The proposal is to clear up to 0.75 hectares of native vegetation for the purpose of making Ashcroft Road safer. The 0.75 hectares under application consists of 5 large dead Jarrah trees and 13 saplings.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation under application was determined via a site inspection (DEC, 2011) and through digital imagery (Dwellingup 50cm Orthomosaic - Landgate 2006).
Association 3: Medium forest; jarrah-marri			
Association 4: Medium woodland; marri & wandoo			

3. Assessment of application against clearing principles

Comments

The proposal is to clear up to 0.75 hectares of native vegetation for the purpose of making Ashcroft Road a safer passage. The 0.75 hectares under application consists of 5 large dead *Eucalyptus marginata* (Jarrah), 13 saplings and limited ground cover vegetation.

The Roadside Conservation Committee (RCC, 2010a) has assessed Ashcroft Road as having a high roadside conservation value. The northern 3km of Ashcroft Road (not under application) transects a timber reserve and the vegetation is in a very good (Keighery, 1994) condition, however the southern 1km of Ashcroft Road (area under application) is in a more degraded condition as it is adjacent to agricultural land on both sides.

Within the local area (10km radius) eight fauna species listed as rare or likely to become extinct were identified (DEC, 2007); *Bettongia penicillata* subsp. *ogilbyi* (Brush-tailed Bettong, Woylie), *Calyptorhynchus banksii* subsp. *naso* (Forest Red-tailed Black-Cockatoo), *Calyptorhynchus baudinii* (Baudin's Cockatoo), *Calyptorhynchus latirostris* (Carnaby's Cockatoo), *Dasyurus geoffroyi* (Western Quoll, Chuditch), *Myrmecobius fasciatus* (Numbat, Walpurti), *Phascogale tapoatafa* subsp. *ssp.* (WAM M434) (Brush-tailed Phascogale, Wambenger) and *Pseudocheirus occidentalis* (Western Ringtail Possum). The five large, dead Jarrah trees under application have very little habitat potential as no hollows were observed during the site inspection (DEC 2010).

A survey of the roadside conservation values in the Shire of Boddington (RCC, 2010b) attributed Ashcroft Road as having low value as a biological corridor (assessment based on the number of roadside vegetation attributes present that are important as fauna habitat).

The proposed clearing is not likely to impact on the environmental values of any conservation reserves, wetlands, neither is it likely to cause appreciable land degradation.

Considering the above this proposal is not likely to be at variance to any of the clearing principles.

Methodology References:
DEC (2007)
DEC (2010)
Keighery (1994)
RCC (2010a)
RCC (2010b)

GIS Database:
- DEC Tenure
- Hydrography linear - DOW 13/7/06
- SAC Biodatasets (accessed March 2011)
- Pre European Vegetation (DA 2001)

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

Comments

The vegetation under application falls within an area (Murray River System) proclaimed under the Rights in Water and Irrigation Act 1914.

Methodology GIS Database:
- RIWI Act, Surface Water Areas - DoW 13/07/06

4. References

- DEC (2007) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 24 March 2011.
- DEC (2011) Site Inspection Report for Clearing Permit Application CPS 4251/1, Ashcroft Road reserve, Marradong. Site inspection undertaken March 2011. Department of Environment and Conservation, Western Australia (DEC Ref: A385915).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- RCC (2010a) Roadside Vegetation and Conservation Values in the Shire of Boddington, September 2010. Roadside Conservation Committee, Western Australia.
- RCC (2010b) Shire of Boddington, Roadside Conservation Value, July 2010. Roadside Conservation Committee, 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)