



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3037 / 1
File Number: DEC10816
Duration of Permit: From 2 May 2009 to 2 May 2011

PERMIT HOLDER

Carbone Bros Pty Ltd on behalf of the Shire of Dardanup

LAND ON WHICH CLEARING IS TO BE DONE

Gravel Pit Road Reserve (PIN 1346283)

AUTHORISED ACTIVITY

Clearing of up to 0.04 hectares of native vegetation within the area filled yellow on attached Plan 3037/1.

CONDITIONS

Nil

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

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

2 April 2009

Plan 3037/1



LEGEND

- Clearing Instruments
- Road Centrelines
- Cadastral
- Bushy 50m Orthorectified



0 ————— 75 m

Scale 1:3323

(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.

K. Faulkner Date *24/2/2009*

K. Faulkner
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.: 3037/1
 Permit type: Area Permit

1.2. Proponent details

Proponent's name: Carbone Bros Pty Ltd

1.3. Property details

Property: ROAD RESERVE (HENTY 6236)
 Local Government Area: Shire Of Dardanup
 Colloquial name: Gravel Pit Road

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.04		Mechanical Removal	Drainage

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 Unit: 968 - Medium woodland; jarrah, marri & wandoo (Shepherd, 2007)	The proposal is to clear up to 0.04ha of native vegetation for the purpose of drainage works associated with an extractive industry licence issued by the Shire of Dardanup (also related to clearing application CPS 2617/1).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation under application was determined through aerial mapping (Bunbury 50cm Orthomosaic - landgate 06) and from information supplied by consultants MBS Environmental (MBS, 2009).
	The proposal is to remove two <i>Xanthorrhoea preissii</i> and four <i>Corymbia calophylla</i> within a 1 metre strip along Gravel Pit Road Reserve. The applicant has applied for a 3 metre strip along this road in order to account for incidental clearing by heavy vehicles (up to 3 metres wide).		
	The vegetation under application consists of non-native understorey grasses and has been historically selectively cleared (MBS, 2009)		

3. Assessment of application against clearing principles

Comments

The proposal is to clear 0.04 hectares of native vegetation for the purpose of drainage works in order to comply with an extractive industry licence issued by the Shire of Dardanup (related to clearing application CPS 2617/1 - granted December 2008).

The proposal is to remove two *Xanthorrhoea preissii* and four *Corymbia calophylla* and incidental clearing associated with their removal (MBS, 2009).

The applied area is located within a multiple use wetland (Palusplain). These wetlands have few remaining important attributes and functions (DEC, 2008). Given the above the clearing as proposed may be at variance to principle (f).

The small size (0.04 ha) of the vegetation under application; the lack of threatened ecological communities and rare flora likely to occur within the applied area and the distance to nearby conservation areas makes this proposal not likely to be at variance with the remaining clearing principles.

Methodology References:
DEC (2008)
MBS (2009)

GIS Database:
CALM Managed Lands and Waters - CALM 01/06/05
Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain DEC 11/04/07
Heddl Vegetation Complexes - DEP 22/06/95
Hydrography linear - DOW 13/7/06
NLWRA, Current Extent of Native Vegetation 20 Jan 2001
Pre European Vegetation - DA 01/01
SAC Biodatasets - accessed 30 March 2009
Soils, Statewide DA 11/99
Topographic contours statewide - DOLA and ARMY 12/09/02

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

Comments

The clearing as proposed is for the purpose of improving surface run-off along Gravel Pit Road and to prevent road run-off from flowing into adjacent private property (MBS, 2009) in accordance with conditions on an extractive industry licence issued by the Shire of Dardanup.

The extractive industry licence associated with this application is also related to clearing application CPS 2617/1 (site where extraction is to take place) which was granted in December 2008.

Methodology GIS database:
Cadastre - Landgate Dec 07
Town Planning Scheme Zones - MFP 31/08/98

4. Assessor's comments

Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing may be at variance to Principle (f) and is not likely to be at variance to the remaining clearing Principles.

5. References

- DEC (2008) Memo re Standard Wetlands Advice for Native Vegetation Conservation Branch. Dated 17/07/2008. Species and Communities Branch, Department of Environment and Conservation, 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.
- MBS (2009) Application for clearing permit CPS 3037/1, prepared by MBS Environmental Pty Ltd on behalf of Carbone Bros Pty Ltd, DEC Trim Ref DOC78192.
- Shepherd, D.P. (2007). 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.

6. 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)