



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4326/2
File Number: 2011/003468
Duration of Permit: From 6 June 2011 to 6 June 2013

PERMIT HOLDER

Carbone Bros Pty Ltd on behalf of Kirk Reynolds and Emma Reynolds

LAND ON WHICH CLEARING IS TO BE DONE

Lot 303 on Deposited Plan 63847 (HENTY 6236)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 12 native trees within the area hatched yellow on attached Plan 4326/2.

CONDITIONS

Nil.

A handwritten signature in blue 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*

9 June 2011

Plan 4326/2



LEGEND

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

Sundbury solum Orthomosaic - Landgate 2008



Scale 1:5410

(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.

Date 9/6/11

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



1. Application details

1.1. Permit application details

Permit application No.: 4326/2
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Carbone Bros Pty Ltd

1.3. Property details

Property: LOT 303 ON PLAN 63847 (HENTY 6236)
Local Government Area: Shire of Dardanup

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	12	Mechanical Removal	Extractive Industry

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 9 June 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
Beard Vegetation Complex: 968 - Medium woodland; jarrah, marri & wandoo	The area under application is parkland cleared and has been historically grazed. The clearing proposal involves the removal 1 mature and 11 young native trees for the purpose of extractive industry with in the Shire of Dardanup.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	Vegetation condition determined from aerial photography and clearing application (DEC Ref: A388801)
1017 - Medium open woodland; jarrah & marri, with low woodland; banksia			
Mattiske Vegetation Complex: Whicher Scarp - Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on escarpment with some Corymbia haematoxylon, 4 Banksia attenuata and Xylomelum occidentale in the humid zone.			

3. Assessment of application against clearing principles

Comments

The area under application is parkland cleared and has been historically grazed. The clearing proposal involves the removal of 1 mature Marri (*Corymbia calophylla*) and 11 younger native trees (*Eucalyptus* sp.) for the purpose of gravel extraction within the Shire of Dardanup.

As the area has been historically grazed, there is little species diversity within the area under application, and given that the clearing is small (12 trees) and the area is in a completely degraded (Keighery, 1994) condition, the applied area is not likely to have any significant level of biodiversity.

The loss of these 12 trees is unlikely to be significant for fauna given there are nearby remnants of vegetation in better condition than the applied area.

Given the historical grazing and that the area under application is in a completely degraded (Keighery, 1994) condition, there are no known rare flora species or threatened ecological communities within the area under application, or any possibility the area would support such species. The local area (10km radius) has approximately 20% native vegetation remaining indicating the local area has been extensively cleared. However as the area under application is completely degraded it is not significant as a remnant.

The loss of these 12 trees is unlikely to lead to land degradation in the form of increased salinity or deterioration in surface or underground water quality.

It is considered that the proposed clearing is not likely to be at variance to any of the clearing principles.

Methodology

References:

- Keighery (1994)
- Matiske Consulting (1998)
- Shepherd (2009)

GIS Database:

- SAC Biodatasets accessed April 2011

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

Comments

The land is zoned General Farming, however the Shire advises that this is an acceptable land use category for extractive industry.

An Extractive Industry licence application has been received by the Shire of Dardanup, and won't be finalised by Council until 22 June 2011 due to their public comment period.

Extraction will be to 1m deep only, hence avoiding any groundwater issues.

Once gravel extraction is completed, the site will be rehabilitated back to pasture grass.

Methodology

4. References

- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Matiske, 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.
- 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)