



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 4539/1
Permit Holder:	Shire of Manjimup
Duration of Permit:	31 October 2011 - 31 October 2013

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

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of road reconstruction.

2. Land on which clearing is to be done

Windy Harbour Road reserve, Windy Harbour

3. Area of Clearing

The Permit Holder must not clear more than 10 native trees within the area hatched yellow on attached Plan 4539/1.

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 activities to the extent that the Permit Holder has the power to clear native vegetation for those activities under the *Local Government Act 1995* or any other written law.

6. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

7. Dieback and weed control

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* and *dieback*:

- clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- shall only move soils in *dry conditions*;
- ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

DEFINITIONS

The following meanings are given to terms used in this Permit:

dieback means the effect of *Phytophthora* species on native vegetation;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

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; and

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*.



Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH






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

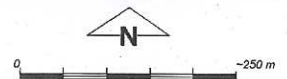
6 October 2011

Plan 4539/1



LEGEND

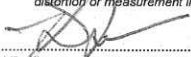
- Clearing Instruments**
-  Areas Applied to Clear
 -  Areas Approved to Clear
 -  Areas Subject to Conditions
 -  Road Centrelines
- Cadastral**
-  Northcliffe 50cm Orthomosaic - Landgate 2007



Scale 1:8476
(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 6/10/11
K Fadkner

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.: 4539/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Manjimup

1.3. Property details

Property: ROAD RESERVE (WINDY HARBOUR 6262)
ROAD RESERVE (WINDY HARBOUR 6262)
Local Government Area: Shire of Manjimup
Colloquial name: Windy Harbour Road reserve

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 6 October 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 Association 1: Tall forest; karri (Eucalyptus diversicolor) (Shepherd, 2009). Beard Vegetation Association 1002: Medium open woodland; jarrah (Sherperd, 2009). Mattiske Vegetation Complex Collis (COB): Tall open forest of Eucalyptus diversicolor-Corymbia calophylla on crests of hills arising above the southern coastal plain in the hyperhumid zone (Mattiske and Havel, 1998).	The Shire of Manjimup proposes to clear 10 native trees within a 1.1km footprint. The proposed clearing is to complete reconstruction of the existing road including realignment, widening and reconstruction of the drain and backslope. The native trees proposed to be cleared consist of mature Karri trees that are within 8 metres of the roads centre line (Shire of Manjimup, 2011).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The description and condition of the native vegetation under application was sourced from aerial imagery and photographs supplied by the applicant (Shire of Manjimup, 2011).

3. Assessment of application against clearing principles

Comments

The Shire of Manjimup propose to clear 10 native trees within Windy Harbour Road reserve, Windy Harbour over a 1.1km foot print. The native trees under application consist of Karri trees and are within 8 metres of the roads centre line.

Several fauna species of conservation significance have been recorded within a 10km radius of the area under application. This includes the *Calyptorhynchus banksii* (Forest red-tailed black cockatoo), *Calyptorhynchus baudinii* (Baudin's black cockatoo) and *Calyptorhynchus latirostris* (Carnaby's black cockatoo). It is considered that the trees under application would be suitable habitat trees for black cockatoo species (DEC, 2011), however given the clearing is comprised of only 10 trees and that the surrounding area is likely to provide habitat of greater local significance than the trees under application, it is unlikely that the application will

significantly impact upon black cockatoo species.

Priority and declared threatened flora species along with threatened ecological communities (TEC's) have all been mapped within a 5km radius of the area under application. However, as the clearing is restricted to 10 trees within the road reserve, it is unlikely the removal of the trees will impact upon flora species of conservation significance and the known TEC's in the local area.

The vegetation complexes under application are well represented within the Shire and Warren IBRA bioregion. The application does not occur within an extensively cleared landscape, with approximately 90 per cent of native vegetation remains in the local area (5 km radius).

The application area is within the Doggerup Creek System (ANCA Wetland), however as the removal of trees is confined to the road reserve and are considered to be in a degraded (Keighery, 1994) condition, it is not considered the application will significantly impacted upon the ANCA wetland.

The area under application runs through the D'Entrecasteaux National Park. The disturbance from the proposed clearing may increase the risk of weeds and dieback spreading into the National Park.

Given the above, the proposed clearing may be at variance to principle (h). The implementation of weed and dieback management techniques will assist in mitigating the intrusion of weed and dieback into the adjacent D'Entrecasteaux National Park.

The application has been assessed against the clearing principles and may be at variance to principle (h) and not likely to be at variance to the remaining clearing principles.

Methodology

References:

- DEC (2011)
- DEC (2007)
- Keighery (1994)
- Shire of Manjimup (2011)

GIS Database:

- ANCA Wetlands
- DEC Tenure
- SAÇ Biodatasets (accessed September 2011)

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

Comments

No public submissions were received regarding this application.

Methodology

Officer Derek Jenkins

4. References

- DEC (2007) NatureBase - Fauna Species Profile: . Accessed at <http://www.naturebase.net/content/view/840/1288/>. Accessed 24/8/2011. Department of Environment and Conservation, Western Australia.
- DEC (2011) Assessment Advice for Clearing Permit Application CPS 4539/1, Windy Harbour Road reserve. Email received 7 Septemeber 2011 (Ref. A437480).
- 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.
- 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.
- Shire of Manjimup (2011). Supporting documentation with Clearing Permit CPS 4539/1 (DEC ref:A419201).

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)