



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5087/2
File Number: DEC13697
Duration of Permit: From 5 October 2012 to 5 October 2017

PERMIT HOLDER

Minister for Transport

LAND ON WHICH CLEARING IS TO BE DONE

Lot 501 on Deposited Plan 56133 (Reserve 49218), Munster

AUTHORISED ACTIVITY

The Permit Holder must not clear more than 0.112 hectares of native vegetation within the area hatched yellow on attached Plan 5087/2.

CONDITIONS

1. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

2. 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*:

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

3. Rehabilitation and weed control plan

(a) By 5 July 2013 the Permit Holder must prepare and submit to the CEO for the CEO's approval a rehabilitation and weed control plan for the area cross hatched red on attached Plan 5087/2.

(b) The rehabilitation and weed control plan must include but not be limited to information relating to:

- (i) Soil preparation
- (ii) Rehabilitation activities
- (iii) Weeding
- (iv) Fencing
- (v) Success criteria
- (vi) monitoring

- (c) The Permit Holder shall implement the rehabilitation and weed control plan approved by the CEO.
- (d) If it is necessary to modify the rehabilitation and weed control plan, then the Permit Holder must provide that modified rehabilitation and weed control plan to the CEO for the CEO's approval.

PART III - RECORD KEEPING AND REPORTING

4. Records must be kept

The Permit Holder must maintain the following records for activities done in relation to the revegetation and rehabilitation of areas pursuant to condition 3 of this Permit:

- (a) the location of any areas revegetated and rehabilitated, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) a description of the rehabilitation activities undertaken;
- (c) the size of the area rehabilitated (in hectares);
- (d) the species composition, structure and density of rehabilitation, and
- (e) a copy of the rehabilitation and weed control plan.

5. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
 - (i) of records required under condition 4 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 5 July 2017, the Permit Holder must provide to the CEO a written report of records required under condition 4 of this Permit where these records have not already been provided under condition 5(a) of this Permit.

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;

rehabilitate/ed/ion means actively managing an area containing native vegetation in order to improve the ecological function of that area; and

weed/s means any plant -

- (a) that is declared under the section 37 of the *Agriculture and Related Resources Protection Act 1976*; or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.



M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

21 February 2013



1. Application details

1.1. Permit application details

Permit application No.: 5087/2
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Department of Transport

1.3. Property details

Property: LOT 501 ON PLAN 56133 (Lot No. 501 JERVOISE BAY MUNSTER 6166)
Local Government Area: City of Cockburn

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 21 February 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 mapped Beard vegetation association 3048 is described as 'Shrublands; scrub-heath on the Swan Coastal Plain' (Shepherd et al, 2001).	This application is to clear 0.112 ha of native vegetation within Lot 501 on Deposited Plan 56133 (Reserve 49218), Munster, for the purpose of road improvements, shared path realignment and drainage works, including a new drainage bubble-up pit.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The vegetation condition and description was determined from a Department of Environment and Conservation (DEC) site visit undertaken on 5 July 2012 (DEC, 2012).
The mapped Heddle Vegetation Complex is half Cottesloe Complex and half Quindalup complex (Heddle et al, 1980).	The area under application ranges from a completely degraded condition to good (Keighery, 1994) condition. The application area consists predominantly of a low, closed forest of Summer-scented wattle (<i>Acacia rostellifera</i>) over <i>Acanthocarpus preissii</i> with scattered <i>Clematis linearifolia</i> . There is no distinct native ground cover layer with heavy weed infestation including a weed of national significance, <i>Asparagus asparagoides</i> (bridal creeper), and <i>Pennisetum setaceum</i> (Fountain Grass).	To Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

This amendment is a result of the applicants request to change the location of the proposed offset site. The original offset site was located within the Woodman Point Recreational Park (Lot 304).

The offset proposed under this application is located on the same property as the clearing and is 0.116 hectares larger than the original offset site.

The amended offset area is located within the boundary of the threatened ecological community and Bushforever site.

The assessment against the clearing principles has not changed and can be found in Clearing Permit Decision Report CPS 5087/1.

Methodology

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

Comments

The assessment against planning and other matters has not changed and can be found in Clearing Permit Decision Report CPS 5087/1.

4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5087/1, within Lot 501 on Deposited Plan 56133-Reserve 49218, Munster. Site inspection undertaken 5 July 2012 Department of Environment and Conservation, Western Australia (DEC REF A524282).
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, 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.
- 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)