



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5365/1
File Number: 2011/006890-1
Duration of Permit: From 11 January 2013 to 11 January 2015

PERMIT HOLDER

Shire of Ravensthorpe

LAND ON WHICH CLEARING IS TO BE DONE

Lot 377 on Deposited Plan 104805, (Reserve 7376) (HOPETOUN 6348)

AUTHORISED ACTIVITY

Clearing of up to 0.06 hectares of native vegetation within the area cross-hatched yellow on attached Plan 5365/1.

CONDITIONS

Dieback and weed control

- (a) 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*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) shall only move soils in *dry conditions*;
 - (iii) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iv) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under 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; 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*.

A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

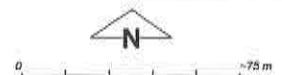
20 December 2012

Plan 5365/1



LEGEND

- | | |
|-----------------------------|--|
| Clearing Instruments | Ravensthorpe 1.4m Orthomosaic - Landgate 2002 |
| Areas Approved to Clear | Local Government Authorities |
| Road Centrelines | |
| Cadastre | |
| Cadastre for labelling | |



Scale 1:2500
(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.

M Warnock Date 20/12/12

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.: 5365/1
 Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Ravensthorpe

1.3. Property details

Property: LOT 377 ON PLAN 104805 (Lot No. 377 HOPETOUN-RAVENSTHORPE HOPETOUN 6348)
 Local Government Area: Shire of Ravensthorpe

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.06		Mechanical Removal	Building or Structure

1.5. Decision on application

Decision on Permit Application: Grant
 Decision Date: 20 December 2012

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 vegetation under application is mapped as: Beard vegetation association 47 - shrublands; tallrack mallee heath (Shepherd 2007)	The application is for the proposed clearing of 0.06 hectares for the purpose of expanding the Hopetoun Cemetery carpark. The vegetation proposed to be cleared is in good (Keighery 1994) condition (DEC, 2012).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994).	The vegetation condition was determined from photographs provided from a site visit undertaken by Department of Environment and Conservation officers in December 2012 (DEC, 2012).

3. Assessment of application against clearing principles

Comments

The application is to clear 0.06 hectares of native vegetation for the purpose of expanding the Hopetoun Cemetery car park and is unlikely to have any significant environmental impacts. The vegetation is considered to be in good (Keighery, 1994) condition (DEC, 2012).

There are no records of rare or priority flora species or threatened ecological communities in the vicinity of the project (DEC, 2012). The vegetation to be cleared is well represented in the Bioregion (36 percent) (Government of Western Australia, 2011) and is adjacent to a large vegetated remnant; therefore the proposed clearing would not have a detrimental impact on fauna habitat or consist of an area of high biodiversity.

Given the small area proposed to clear (0.06 hectares), the absence of wetlands or watercourses within the vicinity and that the local area (10 kilometre radius) is well vegetated (60 percent), it is unlikely for the proposed clearing to cause or exacerbate land degradation or flooding or impact on water quality. In addition, no conservation areas occur within the vicinity of the proposed clearing.

The assessment of the application identified that the clearing is not likely to be at variance to any of the principles. Given that the application area is surrounded by vegetation in good (Keighery 1994) condition, weed management measures should be imposed to reduce impact to surrounding vegetation.

Methodology

References

- DEC (2012)
- Government of Western Australia (2011)
- Keighery (1994)
- GIS databases:
- DEC Tenure

- Hydrography, linear DOW
- Pre-European vegetation - DA 03/12/12
- Ravensthorpe 1.4m Orthomosaic ~ Landgate 2002
- SAC Bio datasets (Accessed 03/12/12)
- Soils, statewide

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

Comments

The clearing of 0.06 hectares is for the purpose of expanding the Hopetoun Cemetery carpark.

Lot 377 on Plan 104805 is zoned 'public purpose' under the Local Town Planning Scheme and is vested with the Shire of Ravensthorpe for the purpose of a cemetery.

No submissions from the public have been received.

Methodology

References

- DEC (2012)
- GIS Databases
- Town Planning Scheme Zones

4. References

- DEC (2012) Regional advice received regarding CPS 5365/1, South Coast Region, Department of Environment and Conservation, 10/12/12.
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth.
- 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)