



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5007/1
File Number: 2011/006792-1
Duration of Permit: From 15 June 2012 to 15 June 2014

PERMIT HOLDER

City of Joondalup

LAND ON WHICH CLEARING IS TO BE DONE

Lot 12803 on Plan 15142,
Burns Beach Road reserve (PIN 1342109 and PIN 1346374), Iluka.

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 28 *Acacia rostellifera* within the area hatched yellow on attached Plan 5007/1.

CONDITIONS

1. 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.

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;

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*

24 May 2012

Plan 5007/1



LEGEND

- Cadastral**
- Freshford
 - Crown Reserve
 - State Forest / Timber Res
 - Marine Park
 - Crown Lease
 - Lease / Reserve
 - Lease on State Forest / Tr
 - Public Roads
 - Unallocated Crown Land
 - Water
- Road Centrelines**
- Clearing Instrument
- Areas Approved to Clear**
- Perth Metropolitan
 - Orthomosaic - Land

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



0 38 m

Scale 1:1206

(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.

Kelly Faulkner Date 24/1/12

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
Our environment, our future
Mt Owen Springs 2002



1. Application details

1.1. Permit application details

Permit application No.: 5007/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Joondalup

1.3. Property details

Property: LOT 12803 ON PLAN 15142 (Lot No. 1000 OCEAN REEF ILUKA 6028)
ROAD RESERVE (ILUKA 6028)
ROAD RESERVE (ILUKA 6028)
Local Government Area: City of Joondalup
Colloquial name: Burns Beach Road reserve

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 24 May 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 area under application is mapped as Heddle vegetation Cottesloe Complex central and south, consisting of a Mosaic of woodland of Eucalyptus gomphocephala (Tuart) and open forest of Eucalyptus gomphocephala (Tuart), Eucalyptus marginata (Jarrah) and Corymbia calophylla (Marri) with closed heath on Limestone outcrops (Heddle, 1980).	The proposal is to clear 28 native trees within Lot 12803 on Deposited Plan 15142, Road reserve (PIN 1346374) and Road reserve (PIN 1342109), Iluka, for the purpose of preventing further damage to other local native plant species.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The condition of the vegetation was obtained through aerial imagery (Perth Metropolitan central 50cm orthomosaic Landgate, 2011).

3. Assessment of application against clearing principles

Comments

The application to clear a total of 28 *Acacia rostellifera* within Lot 12803 on Deposited Plan 15142 and Burns Beach Road reserve, Iluka, for the purpose of preventing further damage to local native plant species is unlikely to have any significant environmental impacts.

Six threatened fauna species have been recorded in the local area (10km radius). The 28 acacia trees under application are not likely to provide significant habitat for local fauna.

Given the proposed clearing is for 28 individual trees, the clearing area under application is not considered to be a significant remnant (Heddle, 1980).

The proposed clearing falls within the Coastal Strip from Burns Beach to Hillarys, Bush Forever site 325. The disturbance resulting from the proposed clearing will increase the risk of weeds and dieback spreading into the Bush Forever site. Weed and dieback management practices will assist in mitigating this risk.

Given the above the proposed clearing may be at variance to principle (h), and is not likely to be at variance to any other principle.

- Methodology** References
- DEC (2007-)
 - Government of Western Australia (2011)
 - Heddle (1980)
 - Keighery (1994)

- GIS Databases
- Clearing Regulations - Environmentally Sensitive Areas
 - Pre-European vegetation
 - SAC Biodatasets (Accessed May 2012)
 - Soils Statewide
 - WA Herbarium (1998)
 - Perth Metropolitan Central 15cm Orthomosaic - Landgate 2011

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

Comments

No submissions from the public have been received.

The Department of Planning have recommended that Priority flora be mapped in the Bush Forever site and protected during site works. It has been requested that the removal of *Acacia rostellifera* is not to result in the clearing or disturbance of existing vegetation within the Bush Forever site. Furthermore the Department of Planning have recommended that no building materials, rubbish or other matter is to be deposited into Bush Forever area 325 during or after development (Department of Planning, 2012).

- Methodology** Reference:
Department of Planning (2012)

4. References

DEC (2007) DEC Fauna Habitat Notes.xls. February 2007. Department of Environment and Conservation, Western Australia.

Department of Planning (2012) Bush Forever advice for Clearing Permit Application CPS 5007/1. Department of Planning, Western Australia (DEC Ref: A506371).

Government of Western Australia. (2011). 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth

Heddle, 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.

Sac Bio Datasets (May 2012). Department of Environment and Conservation, Sac Bio Datasets, Kensington, Western Australia.

Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Environment and Conservation. <http://florabase.dec.wa.gov.au/> (Accessed May 2012).

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)