



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 3753/1
File Number: 2010/003549-1
Duration of Permit: 24 July 2010 – 24 July 2012

PERMIT HOLDER

City of Wanneroo

CONDITIONS

- 1. Land of which clearing is to be done**
Brazier Road Reserve, Yanchep 6035
- 2. Purpose for which the clearing may be done**
Clearing for the purpose of constructing a shared-use pathway and parking facilities.
- 3. Area of Clearing**
The Permit Holder must not clear more than 0.11 hectares of native vegetation within the area hatched yellow on attached Plan 3753/1.
- 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. 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*:
 - (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iii) 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:

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;

term means the duration of this Permit, including as amended or renewed;

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 black ink, appearing to read 'K Faulkner', is written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

24 June 2010

Plan 3753/1



LEGEND

- Cadastre for labelling
- Road Centrelines
- FW
- HY
- LRO (cont)
- LRS
- MR
- N
- TR
- Clearing Instruments
- Areas Approved to Clear

Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009



0 ————— 62 m

Scale 1:2214
(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.

K. Faulkner Date 24/6/10
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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1. Application details

1.1. Permit application details

Permit application No.: 3753/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: City of Wanneroo

1.3. Property details

Property: ROAD RESERVE (YANCHEP 6035)
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ROAD RESERVE (YANCHEP 6035)

Local Government Area:

Colloquial name: Brazier Road reserve

1.4. Application

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

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 Association: 1007: Mosaic: Shrublands; Acacia lasiocarpa & Melaleuca acerosa heath / Shrublands; Acacia rostellifera & Acacia cyclops thicket.	The proposal is to clear 0.11ha for the purpose of constructing a dual use pathway and parallel parking area. The vegetation under application consists of degraded (Keighery 1994) sandy areas with scatted Acacia sp. saplings.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation condition was determined from a site visit conducted by DEC officers on the 27 May 2010 (DEC 2010).
Hedde Vegetation Complex: Quindalup Complex: coastal dune complex consisting mainly of two alliances - the strand and fore-dune alliance and the mobile and stable dune alliance. Local variations include the low closed forest of Melaleuca lanceolata (Rottnest Teatree) - Callitris preissii (Rottnest Island Pine) and the closed scrub of Acacia rostellifera (Summer-scented Wattle).			
(Hedde et al. 1980, Shepherd 2007)			
As above	Also areas of closed heath of Acacia Cyclopes, Acacia rostellifera and Spyridium globulosum in good (Keighery 1994) condition. Some small areas also included costal spinifex and Lepidosperma gladiatum (coastal sword sedge).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	As above

3. Assessment of application against clearing principles

Comments

The vegetation under application consists of degraded (Keighery 1994) sandy areas with scatted Acacia sp. saplings and areas of closed heath of Acacia Cyclopes, Acacia rostellifera and Spyridium globulosum in good (Keighery 1994) condition. Some small areas also included costal spinifex and Lepidosperma gladiatum (coastal sword sedge).

The area under application occurs directly adjacent to a Bush Forever site 397: Coastal strip from Wilbinga to

Mindarie (Government of Western Australia 2000). The proposed clearing will impact on this conservation area through increased edge effects such as weed invasion. Therefore, it is considered for the clearing to be at variance to this Principle H. A weed management condition will be placed on the permit to mitigate these impacts.

Due the location of the area under application, the proposed clearing may impact on Graceful Sunmoth habitat. This species is known to occur within open areas of herbland, heathland and shrubland on Quindalup soils close to the coast and breeds on *Lomandra maritima* plants (Bishop et al, 2009).

However, no *Lomandra* species were observed during the site visit (DEC 2010). Given this, the degraded to good (Keighery 1994) condition of the vegetation under application, and the relatively small (0.11ha) and linear area (~585 m) proposed to be cleared, it is not considered likely for the proposed clearing to be at variance to Principle b.

Given the above the proposed clearing is at variance to clearing principle (h) and not likely to be at variance to the remaining clearing principles.

Methodology

References

- Bishop et al. (2009)
 - DEC (2010)
 - Keighery (1994)
 - Government of Western Australia (2000)
- #### GIS Databases
- SAC Bio datasets (24 May 2010)
 - Bushforever
 - Hydrography, linear
 - DEC Tenure

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

Comments

The proposal is to clear 0.11ha for the purpose of constructing a dual use pathway and parallel parking area.

The area under application is zones as Road Reserve under the Wanneroo Town Planning Scheme.

Two Rock Yanchep Foreshore Management Plan (City of Wanneroo 2007) has been adopted by the Council in 2007 and includes the proposed works along Brazier Road.

Department of Planning, State Strategic Policy section states that as the proposed clearing is outside of Bush Forever site 397, there is no objections to the clearing permit however recommends that conservation fencing is installed along the boundary of the road reserve and the Bush Forever area to protect the dune system and that no spoil or building material shall be stored or dumped within the Bush Forever site (Department of Planning 2010).

City of Wanneroo has stated that conservation fencing will be installed along the boundary of the road reserve and the Bush Forever site in conjunction with the construction of the project to provide ongoing protection to the dune systems (City of Wanneroo 2010).

Methodology

References

- City of Wanneroo (2007)
 - City of Wanneroo (2010)
 - Department of Planning (2010)
- #### GIS Databases
- Town planning Scheme Zones

4. Assessor's comments

Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing is at variance to the clearing Principles (h) and is not likely to be at variance to the remaining clearing principles.

5. References

Bishop C, Williams M & Gamblin T, (2009) Graceful Sunmoth Information Kit and Survey Methods, Version 1.0. Department of Environment and Conservation.

City of Wanneroo (2007) Adopted Two Rocks Yanchep Foreshore Management Plan. May 2007, City of Wanneroo. DEC ref A30447

City of Wanneroo (2010) CPS 3753/1 - Clearing permit application and additional information for Brazier Road reserve, Yanchep. DEC ref A304447

DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3753/1 Brazier Road Reserve, Yanchep. Site inspection undertaken 27 May 2010. Department of Environment and Conservation, Western Australia (DEC ref. A307370).

Department of Planning (2010) Direct Interest Submission for clearing permit application CPS 3753/1. Received 14 June 2010. State Strategic Policy Section, Department for Planning, Western Australia (DEC Ref A310037).

Government of Western Australia (2000) Bush Forever Volumes 1 and 2. Western Australian Planning Commission, Perth WA.

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. (2007) 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.

6. Glossary

Term	Meaning
CALM	Department of Conservation and Land Management (now DEC)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment (now DEC)
DoW	Department of Water
DMP	Department of Mines and Petroleum (ex DoIR)
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)