



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3773/1

File Number: 2010/003740-1

Duration of Permit: From 24 July 2010 to 24 July 2012

PERMIT HOLDER

City of Armadale

LAND ON WHICH CLEARING IS TO BE DONE

Canning Mills Road reserves, Kelmscott (PIN: 11865298 and 11137387)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.0272 hectares of native vegetation within the area hatched yellow on attached Plan 3773/1.

CONDITIONS

Nil.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

24 June 2010

Plan 3773/1



LEGEND

- Cadastre
- Local Government Authorities
- Road Centrelines

- Clearing Instruments**
- Areas Approved to Clear
 - Swan Coastal Plain Central
20cm Orthomosaic - Landgate
2009



Scale 1:701
(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 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.



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1. Application details

1.1. Permit application details

Permit application No.: 3773/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Armadale

1.3. Property details

Property: ROAD RESERVE (KELMSCOTT 6111)
ROAD RESERVE (KELMSCOTT 6111)
Local Government Area: City of Armadale
Colloquial name: Canning Mills Road

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.0272		Mechanical Removal	Infrastructure Maintenance

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: 3 - Medium forest; jarrah and marri (Shepherd, 2007)	The proposal is to clear 0.0272 hectares of native vegetation within the Canning Mills Road reserve, Kelmscott, for the purpose of trenching for the installation of street lighting. Vegetation will be cleared to a maximum of 2m from the road edge, with pruning of vegetation undertaken where appropriate in preference over clearing (City of Armadale, 2010). Vegetation is likely to be old regrowth from prior clearing as the dominant species are colonising species (DEC, 2010).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994)	Vegetation condition was determined from aerial photography and photographs supplied by the applicant (City of Armadale, 2010).
Mattiske Vegetation Complex: D2 - Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on lateritic uplands in subhumid and semiarid zones. (Mattiske and Havel, 1998)			
Hedde Vegetation Complex: 532 - Dwellingup complex in medium to high rainfall. (Hedde et al, 1980)			

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**

The declared rare flora *Thelymitra stellata* has been recorded from three locations in close proximity to the area under application, with the closest known record being mapped as occurring 100m west of the applied area. Given the degraded (Keighery, 1994) condition of the vegetation under application, it is considered there is little potential for this species to exist within the area proposed to be cleared.

Due to the small size (0.272ha) of the area and the degraded (Keighery, 1994) condition of the vegetation under application, the proposed clearing is not likely to impact on fauna of conservation value, nor is it likely to impact on water quality or cause appreciable land degradation.

Considering the above, the proposed clearing is not likely to be at variance to the clearing Principles.

Methodology

References:
DEC, 2010
Keighery, 1994
GIS Databases:
- Acid Sulfate Soils Risk Map - DEC 06/09/06
- ANCA, Wetlands - 26/03/99
- Clearing Regulations - Environmentally Sensitive Areas - 28/08/09
- DEC Managed Lands & Waters - DEC 28/10/09

- Evapotranspiration, Area Actual - BOM 30/09/01
- Groundwater Salinity, statewide - DoW 13/07/06
- Heddle Vegetation Complexes - DEP 22/06/95
- Hydrogeographic Catchments, Catchments - DoW 01/06/07
- Hydrogeology, statewide - DoW 13/07/06
- Hydrography, linear DoW 13/7/06
- Matisse Vegetation Complexes - CALM 01/03/98
- Rainfall, Mean Annual - BOM 30/09/01
- Pre-European vegetation - DA 01/01
- RAMSAR, Wetlands - 15/10/09
- SAC Biodatasets - 11/06/10
- Soils, Statewide - 30/11/99
- Swan Coastal Plain Central 20cm Orthomosaic - Landgate 2009
- Topographic Contours, Statewide - DOLA 12/09/02

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

Comments

No submissions from the public have been received.

Methodology

- GIS Databases:
- Aboriginal Sites of Significance - DIA 02/10
 - Cadastre - Landgate 12/09
 - Country Area Water Supply Act (Part IIA) Clearing Control Catchments - DoW 29/06/06
 - Environmental Impact Assessments - EPA 08/03/05
 - Native Title Claims - LA 2/5/07
 - Public Drinking Water Source Areas (PDWSAs) - 07/02/06
 - RIWI Act, Areas - DoW 05/04/02
 - RIWI Act, Groundwater Areas - DoW 13/07/06
 - RIWI Act, Irrigation Districts - DoW 13/07/06
 - Town Planning Scheme Zones - MFP 31/08/98

4. References

- City of Armadale (2010) Clearing permit application - supporting information. DEC Ref: A311437; A311629
- DEC (2010) Flora advice, Strategic Projects Section. Department of Environment and Conservation DEC Ref: A311565
- 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.
- Matisse, 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. (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.

5. 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)