



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4045/1

File Number: 2010/009093-1

Duration of Permit: From 25 December 2010 to 25 December 2012

PERMIT HOLDER

City of Armadale

LAND ON WHICH CLEARING IS TO BE DONE

Wright Road (Road reserve, Harrisdale, 6112)

Harrisdale Drive (Road reserve, Harrisdale, 6112)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.38 hectares of native vegetation within the area hatched yellow on attached Plan 4045/1.

CONDITIONS

Nil.

A handwritten signature in cursive script, appearing to read '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*

25 November 2010

Plan 4045/1



LEGEND

- Clearing Instruments
- Areas Approved to Clear
- Road Centrelines
- Cadastral for Labelling
- Local Government Authorities

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



Scale 1:2467
 (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.

Osmond Date 25/11/10
 M Warrick

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.: 4045/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Armadale

1.3. Property details

Property: ROAD RESERVE (HARRISDALE 6112)
ROAD RESERVE (HARRISDALE 6112)

Local Government Area:

Colloquial name: Wright Road and Harrisdale Drive Road Reserves

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: GRANT
Decision Date: 25 November 2010

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 - 1001 is described Medium very sparse woodland; jarrah, with low woodland; banksia & casuarina (Shepherd, 2009).	The 0.38ha of native vegetation under application is to be cleared for the purpose of footpath construction. The vegetation is considered to be in a completely degraded (Keighery 1994) condition.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition and description of the vegetation under application was determined via the use of aerial imagery.
Heddle - SOUTHERN RIVER COMPLEX: Open woodland of <i>Corymbia calophylla</i> (Marri) - <i>Eucalyptus marginata</i> (Jarrah) - <i>Banksia</i> species with fringing woodland of <i>Eucalyptus rudis</i> (Flooded Gum) - <i>Melaleuca raphiophylla</i> (Swamp Paperbark) along creek beds (Heddle et al., 1980).			

3. Assessment of application against clearing principles

Comments

The proposal to clear up to 0.38 hectares for the purpose of constructing a footpath is unlikely to have any significant environmental impacts. There are no declared rare flora or threatened ecological communities in the vicinity of the project. The vegetation to be cleared is well represented in the local area, and the removal of this vegetation would not have a detrimental impact on fauna.

The application is adjacent to Bushforever site 253. Weed conditions will mitigate any impact of clearing on this conservation reserve.

Additionally, approximately 260m of the application area falls within the mapped boundary of a Conservation Category Wetland. The values of the wetland within the road reserve have been compromised with only a few scattered shrubs remaining. The applicant has advised that where possible, during construction, vegetation will be retained.

The vegetation under application is considered to be in a completely degraded (Keighery, 1994) condition.

It is considered that the proposal is not likely to be at variance with any of the clearing principles.

Methodology References
Keighery (1994)
Shepherd (2009)
GIS Databases:

- SAC Biodatasets - accessed November 10
- Swan Coastal Plain Central 20cm Orthomosaic - Landgate 2009
- Pre-European Vegetation
- NLWRA, Current Extent of Native Vegetation
- Interim Biogeographic Regionalisation of Australia

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

Comments

The proposal is to construct a footpath to service the new residents within Harrisdale. The footpath will link to the existing footpaths that run up to Benalla Drive (from Nicholson Road) and Reilly Road (from Ranford Road).

Town Planning Scheme Zone is not mapped for this location.

The proposal falls within the Rights in Water and Irrigation Act 1914 Perth groundwater area. Any use of groundwater within this area will require a licence from the Department of Water.

Methodology

- GIS Databases:
- Town Planning Scheme Zones

4. References

- 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. (2009) 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
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)