



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3316/1
File Number: DEC13103
Duration of Permit: From 30 October 2009 to 30 October 2011

PERMIT HOLDER

City of Armadale

LAND ON WHICH CLEARING IS TO BE DONE

Warton Road Reserve, Harrisdale 6122

AUTHORISED ACTIVITY

Clearing of 6 native trees within the area hatched yellow on attached Plan 3316/1.

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 not move soils in wet 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;

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;

weeds 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 be "Kelly Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

30 September 2009



1. Application details

1.1. Permit application details

Permit application No.: 3316/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Armadale

1.3. Property details

Property: ROAD RESERVE (HARRISDALE 6112)

Local Government Area:

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	6	Mechanical Removal	Road construction or 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 1001: Medium very sparse woodland; jarrah, with low woodland; banksia & casuarina (Shepherd, 2007)	The vegetation to be cleared is for the purpose of road widening to install a dual carriage way. The vegetation to be cleared is melaleuca preissiana (2), Eucalyptus tottiana (1), Eucalyptus sp. (1), Adenanthos serviceus (1) and Acacia pulchella (1). The vegetation is classified as being in a completely degraded (Keighery, 1994) condition.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The vegetation description and condition has been assessed through aerial photography (Swan Coastal Plain Central 20cm Orthomosaic - Landgate 2006) and supporting information provided by the City of Armadale (DEC TRIM Ref: DOC97325).

3. Assessment of application against clearing principles

Comments

The application is to clear 6 native trees for the purpose of road widening of Warton Road. There are no records of fauna of conservation significant or rare and priority flora or threatened ecological communities within the vicinity of the application area. The 6 trees are located adjacent to a Bushforever site (253) and therefore conditions will be placed on the permit to ensure that weeds and dieback do not impact on the conservation site.

The application area is part of the Swan Coastal Plains IBRA bioregion and Beard Vegetation Association 1001, which retain 38.84% and 25.34% of their pre-European extent of native vegetation respectively (Shepherd 2007).

The application area falls within a multiple Use Wetland (Dampland) however, the vegetation under application is not consistent with this classification as it is in a completely degraded (Keighery, 1994) condition.

The removal of 6 trees may be at variance to principle (h) and not likely to be at variance to any of the remaining clearing principles.

Methodology Keighery (1994)
Shepherd (2007)

GIS Databases:

- Clearing Regulations, Environmentally Sensitive Areas 30 May 2005
- NLWRA, Current Extent of Native Vegetation 20 Jan 2001
- Hydrography linear - DOW 13/7/06

- Hydrography linear (hierarchy) - DoW 13/7/06
- Interim Biogeographic Regionalisation of Australia - EA 18/10/00

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

Comments

Warton Road falls within the boundary of the City of Gosnells. There is a Boundary Road Management Agreement made between the City of Gosnells and Armadale for maintenance and construction of Warton Road (DEC TRIM Ref: DOC99239).

Methodology

4. References

- 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.

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)