



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4669/1

File Number: 2011/006783-1

Duration of Permit: From 26 December 2011 to 26 December 2013

PERMIT HOLDER

City of Armadale

LAND ON WHICH CLEARING IS TO BE DONE

Raeburn Road reserve (ROLEYSTONE 6111)

Brooks Road reserve (ROLEYSTONE 6111)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.14 hectares of native vegetation within the area hatched yellow on attached Plan 4669/1.

CONDITIONS

Nil.

A handwritten signature in black ink, appearing to read "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH


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

1 December 2011

Plan 4669/1



LEGEND

-  Road Centrelines
-  Clearing Instruments
-  Areas Applied to Clear
-  Areas Subject to Conditions
-  Areas Approved to Clear

Swan Coastal Plain Central
20cm Orthomosaic - Landgate
2009



0  62 m

Scale 1:2500

(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 1/21/11
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.: 4669/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Armadale

1.3. Property details

Property: ROAD RESERVE (ROLEYSTONE 6111)
ROAD RESERVE (ROLEYSTONE 6111)
Local Government Area: City of Armadale
Colloquial name: Raeburn and Brooks Road reserves

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.14		Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 1 December 2011

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
Mapped Beard vegetation association 3 is described as Medium forest; jarrah-marri (Shepherd 2009)	The application proposes to clear up to 0.14 hectares of native vegetation within Raeburn Road and Brooks Road reserve, Roleystone for the purpose of road reconstruction and footpaths. The vegetation consists of Jarrah and Marri with an understorey of Banksia, bossiaea sp and introduced weed species. The vegetation is in a degraded to very good (Keighery 1994) condition.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).	The condition of the vegetation was determined from through a site visit (DEC 2011) and aerial imagery (Swan Coastal Plain Central 20cm Orthomosaic - Landgate 2009).
Hedde vegetation complex Yarragil COMPLEX : No description		Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994).	
Hedde vegetation complex Dwellingup Complex in medium to high rainfall : No description		Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994).	
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).			

3. Assessment of application against clearing principles

The application proposes to clear up to 0.14 hectares of native vegetation within Raeburn Road and Brooks Road reserve, Roleystone, for the purpose of road reconstruction and footpaths. The vegetation is considered to be in degraded to very good (Keighery, 1994) condition and has been described as Jarrah and Marri with an understorey of Banksia, bossiaea sp and introduced weed species (DEC 2011).

Within the local area (10km radius) 21 fauna species of conservation significance have been recorded. The closest records are the Chuditch (*Dasyurus geoffroii*), (Threatened under the WC Act 1950 and Vulnerable under the EPBC Act 1999), and the Woylie (*Bettongia penicillata*) (Endangered under the WC Act 1950 and Endangered under the EPBC Act 1999), which were recorded 1.2km from the application area (DEC 2007-). It is noted that the area under application is surrounded by large tracts of conservation areas, such as Korung National Park and Banyowla Regional located 1km from the application area, which are likely to provide significant habitat. Therefore the vegetation under application is not considered to be significant habitat for indigenous fauna.

The assessment determined that the proposed clearing is not likely to significantly impact any biodiversity, habitat or environmental values or cause appreciable land degradation within the local or regional context. Given the above, the proposal is not likely to be at variance to the any of the clearing principles.

Methodology References
DEC (2007-)
DEC (2011)
Keighery (1994)

GIS Databases:
- Swan Coastal Plain Central 20cm Orthomosaic - Landgate 2009

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

Comments

The application proposes to clear up to 0.14 hectares of native vegetation within Raeburn Road and Brooks Road reserve, Roleystone, for the purpose of road reconstruction and footpaths.

The area under application is mapped as Urban under the Metropolitan Regional Scheme and not mapped under the Town Planning Scheme.

Methodology GIS Databases
Metropolitan Regional Scheme
Town Planning Scheme

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 23/11/2011.
- DEC (2011) Site Inspection Report for Clearing Permit Application CPS 4469/1 Raeburn and Brooks road reserve, Roleystone. Site inspection undertaken 9/11/2011. Department of Environment and Conservation, Western Australia (DEC REFA450848).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Mattiske, 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. (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)