



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4660/1

File Number: 2011/006798-1

Duration of Permit: From 12 December 2011 to 12 December 2013

PERMIT HOLDER

City of Rockingham

LAND ON WHICH CLEARING IS TO BE DONE

Rae Road Reserve (Lot 556 on Plan 67069) ROCKINGHAM 6168

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 2.3 hectares of native vegetation within the area shaded yellow on attached Plan 4660/1.

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*

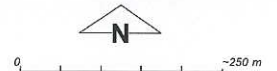
16 November 2011

Plan 4660/1



LEGEND

- | | | |
|-------------------------------|--|------------------------------------|
| Road Centrelines | Marine Park | Water |
| Cadastre for labelling | Crown Lease | Clearing Instruments |
| Freehold | Lease / Reserve | Areas Approved to Clear |
| Crown Reserve | Lease on State Forest / Timber Reserve | Swan Coastal Plain Central |
| State Forest / Timber Reserve | Public Roads | 20cm Orthomosaic - Landgate |
| (cont) | Unallocated Crown Land | 2009 |
| | (cont) | |



Scale 1:9044
(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 16/10/19

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.: 4660/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Rockingham

1.3. Property details

Property: LOT 556 ON PLAN 67069 (ROCKINGHAM 6168)
Local Government Area: City of Rockingham
Colloquial name: Rae Road Reserve

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 16 November 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 3048 is described as Shrublands; scrub-heath on the Swan Coastal Plain (Shepherd, 2009)	The proposed clearing of 2.3 ha is for the purpose of road widening within Rae Road reserve.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation condition was established through aerial photography and a site visit conducted on the 9th of November 2011 (DEC 2011).
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).	The vegetation under application consists of scattered native Acacia sp and Eucalyptus sp over Xanthorrhoea preissii and weeds in a degraded (Keighery, 1994) condition.		

3. Assessment of application against clearing principles

Comments

The application to clear up to 2.3 hectares of native vegetation for the purpose of road reconstruction is unlikely to have any significant environmental impacts. The vegetation is considered to be in a degraded (Keighery, 1994) condition and has been classified as open roadside vegetation dominated by scattered native shrubs, with a predominately introduced ground cover (DEC, 2011).

There are no declared rare flora species or threatened ecological communities in the vicinity of the project. The vegetation to be cleared is well represented in the local area, and would not have a detrimental impact on fauna. Also, the proposed clearing is unlikely to cause appreciable land degradation, increase flooding or decrease the quality of surface or underground water.

The assessment of the application identified that the clearing is not likely to be at variance to any of the principles.

Methodology

References
-Keighery (1994)
-DEC (2011)
GIS Databases
-SAC Bio Datasets (20 Oct 2011)
-Pre-European Vegetation

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

Comments

The application to clear up to 2.3 hectare of native vegetation for the purpose of road reconstruction

A submission has been received stating an opposition to the granting of a permit as the applicant has cleared too much of roadside vegetation in the past and planted streetscapes of non natives. The submission requests for a condition to be placed on the permit to minimise clearing and to use native species in revegetation (Submission 2011). The assessment against the clearing principles has determined low environmental impacts and therefore no conditions have been applied.

Methodology

References

-Submission (2011)

4. References

DEC (2011) Site Inspection Report for Clearing Permit Application CPS 4660/1, Rae Road Reserve Rockingham. Site inspection undertaken 09/11/2011. Department of Environment and Conservation, Western Australia (DEC Ref. A448328).

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.

Submission (2011) Direct Interest Submission for CPS 4660/1- City of Rockingham - Rae Road Reserve, Rockingham. DEC ref A445437

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)