



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4367/1
File Number: 2011/004517
Duration of Permit: 4 July 2011 to 4 July 2013

PERMIT HOLDER

Regional Power Corporation TA Horizon Power

LAND ON WHICH CLEARING IS TO BE DONE

Beacon Drive Road Reserve (Hopetoun 6348)

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

Clearing for the purpose of electrical cable installation

CONDITIONS

1. Type of clearing authorised

The Permit Holder must not clear more than 0.01 hectares of native vegetation within the area cross hatched yellow on attached Plan 4367/1.

2. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the power to clear native vegetation for those activities under the *Energy Operators (Powers) Act 1979* or any other written law.

3. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

A handwritten signature in blue 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*

9 June 2011

Plan 4367/1



LEGEND

-  Road Centrelines
-  Local Government Authorities
-  Cadastre
-  Areas Approved to Clear

Hopetoun Townsite 20cm
Orthomosaic - Landgate
2007



Scale 1:500

(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.

[Signature] Date 9/6/11
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.: 4367/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Regional Power Corporation TA Horizon Power

1.3. Property details

Property: ROAD RESERVE (HOPETOUN 6348)
Local Government Area: Shire of Ravensthorpe
Colloquial name: Beacon Drive road reserve

1.4. Application

Clearing Area (ha)	Method of Clearing	For the purpose of:
0.01	Mechanical Removal	Water/gas/cable pipeline installation

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 9 June 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
Beard vegetation association: Esperance 47: Shrublands; tallerack mallee-heath	Vegetation proposed to be cleared consists of shrublands in good condition (Keighery, 1994).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Vegetation condition was determined from photographs supplied by the applicant and aerial photography.

3. Assessment of application against clearing principles

Comments

The proposal to clear up to 0.01 hectares of native vegetation for the purpose of electrical cable installation is unlikely to have any significant environmental impacts.

The vegetation is considered to be in a good (Keighery, 1994) condition and has been classified as shrublands; tallerack mallee- heath (Shepherd, 2009).

There are no threatened ecological communities in the vicinity of the project (5kms). The vegetation to be cleared is well represented in the local area. There are two threatened fauna species recorded within a 5km radius (Carnaby's Cockatoo and Western Quoll/ Chuditch), however, the area under application is very small (0.01ha) and therefore is not likely to have a detrimental impact on native fauna.

There are two declared rare flora (DRF) species (*Calochilus pruinosus*, 930m South and *Verticordia pityrhops*, 2.3km South West) in the local area (5km radius). The DRF were recorded in the same vegetation as that of the applied area (shrublands) and the same soil types (calcareous and siliceous sands), however given the small area being applied for (0.01ha) it is unlikely this vegetation is necessary for the continued existence of DRF.

Given the limited proposed clearing, it is considered that the clearing as proposed is unlikely to be at variance with any of the clearing principles.

Methodology Keighery (1994)
GIS Layers:
- Pre-European vegetation
- Soils, statewide
SAC Biodatasets (Accessed 27/05/11)

Planning instruments, Native Title, Previous EPA decisions or other matters.

Comments

No submissions from the public have been received.

Shire of Ravensthorpe have provided authorisation for the proposed clearing.

Shire of Ravensthorpe provided a submission stating they have no objections to the proposed clearing.

Methodology Shire of Ravensthorpe (2011)

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.
- Northcote, K. H. with Beckmann G G, Bettenay E., Churchward H. M., van Dijk D. C., Dimmock G. M., Hubble G. D., Isbell R. F., McArthur W. M., Murtha G. G., Nicolls K. D., Paton T. R., Thompson C. H., Webb A. A. and Wright M. J. (1960-68): 'Atlas of Australian Soils, Sheets 1 to 10, with explanatory data'. CSIRO and Melbourne University Press: Melbourne.
- 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.
- Shire of Ravensthorpe (2011) Direct Interest Submission and Land Authorisation for CPS 4367/1, Ravensthorpe, Western Australia (DEC REF A400443 and A395840).

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)