



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 3804/2
File Number: 2010/004205-1
Duration of Permit: From 19 September 2010 to 19 September 2015

PERMIT HOLDER

Regional Power Corporation TA Horizon Power

LAND ON WHICH CLEARING IS TO BE DONE

LOT 39 ON DEPOSITED PLAN 219612 (KALUMBURU, 6740)

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

Clearing for the purpose of power station construction and cable installation.

CONDITIONS

1. The Permit Holder must not clear more than 3.7 hectares of native vegetation within the area cross hatched yellow on attached Plan 3804/2.
2. This Permit does not authorise the permit holder to clear native vegetation where it does not have lawful authority to access land.

Kelly Faulkner
Manager
NATIVE VEGETATION CONSERVATION BRANCH

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

21 October 2010

Plan 3804/2



LEGEND

-  Cadastre
-  Local Government Authorities

Kalumburu Aboriginal Community 10cm Orthomosaic - Landgate 2007

Clearing Instruments

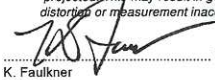
-  Areas Approved to Clear



Scale 1:7194
(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 24/10/13

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.: 3804/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Regional Power Corporation TA Horizon Power

1.3. Property details

Property: LOT 39 ON PLAN 219612 (KALUMBURU 6740)
Local Government Area: Shire of Wyndham East Kimberley
Colloquial name:

1.4. Application

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

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: 53 described as Mosaic: Grasslands / pindan; Medium woodland with mixed tree scrub over tall upland grass and Triodia (Shepherd, 2009).	The proposal is to clear up to 3.7 hectares (ha) of native vegetation for the construction of a power station. The area under application consists of native vegetation in mainly 'degraded' (Keighery, 1994) condition (DEC, 2010; GHD, 2010).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994)	Vegetation condition determined through aerial orthomosaic imagery, DEC site visit conducted on 26 July 2010 (DEC, 2010), GHD site visit conducted on 22 and 23 June 2009 (GHD, 2010) and photographs supplied by the proponent (Horizon Power, 2010).

3. Assessment of application against clearing principles

Comments

The proponent has applied to increase the clearing area by 0.1 hectare to a total of 3.7 hectares, and realign the area to also include the southern side of the road.

A review of current environmental information reveals no new additional information. Therefore, the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS 3804/1.

Methodology

GIS Databases:
 - Acid Sulfate Soils Risk Map - DEC 02/07/10
 - ANCA, Wetlands - 26/03/99
 - DEC Managed Lands & Waters - DEC 28/10/09
 - Evapotranspiration, Area Actual - BOM 30/09/01
 - Groundwater Salinity, statewide - DoW 13/07/06
 - Hydrogeographic Catchments, Catchments - DoW 01/06/07
 - Hydrogeology, statewide - DoW 13/07/06
 - Hydrography, linear DoW 13/7/06
 - Kalumburu 10cm Orthomosaic - Landgate 2007
 - Rainfall, Mean Annual - BOM 30/09/01
 - Pre-European vegetation - DA 01/01
 - RAMSAR, Wetlands - 15/10/09
 - SAC Biodatasets - 30/09/10
 - Soils, Statewide - 30/11/99

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

Comments

The application falls within the Canning-Kimberley groundwater area.

There is one known Aboriginal Site of Significance within the area under application. The proponent has been advised of their responsibilities in relation to the *Aboriginal Heritage Act 1972*.

Methodology GIS Databases:

- Aboriginal Sites of Significance - DIA 02/10
- Cadastre - Landgate 12/09
- Country Area Water Supply Act (Part IIA) Clearing Control Catchments - DoW 29/06/06
- Environmental Impact Assessments - EPA 08/03/05
- Native Title Claims - LA 2/5/07
- Public Drinking Water Source Areas (PDWSAs) - 07/02/06
- RIWI Act, Areas - DoW 05/04/02
- RIWI Act, Groundwater Areas - DoW 13/07/06
- RIWI Act, Irrigation Districts - DoW 13/07/06
- Town Planning Scheme Zones - MFP 31/08/98

4. References

- DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3804/1, Lot 39 on Plan 219612, Wyndham-East Kimberley. Site inspection undertaken 26/07/2010. Department of Environment and Conservation, Western Australia (TRIM Ref. A321656).
- GHD (2010) Report for Kalumburu Power Station, Preliminary Environmental Impact Assessment and Biological Survey. DEC Ref A311343
- Horizon Power (2010) Application to amend clearing permit - supporting information. Regional Power Corporation TA Horizon Power. DEC Ref: A333622, A334818, A335732
- 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)