



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4257/1
File Number: 2011/001683-1
Duration of Permit: 2 May 2011 to 2 May 2016

PERMIT HOLDER

Kai Phillip Halford
Debra Margaret Halford

LAND ON WHICH CLEARING IS TO BE DONE

LOT 647 ON DEPOSITED PLAN 216714 (KUNUNURRA 6743)

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

Clearing for the purpose of constructing power lines.

CONDITIONS

1. The Permit Holder must not clear more than 0.92 hectares of native vegetation within the area cross-hatched yellow on attached Plan 4257/1.

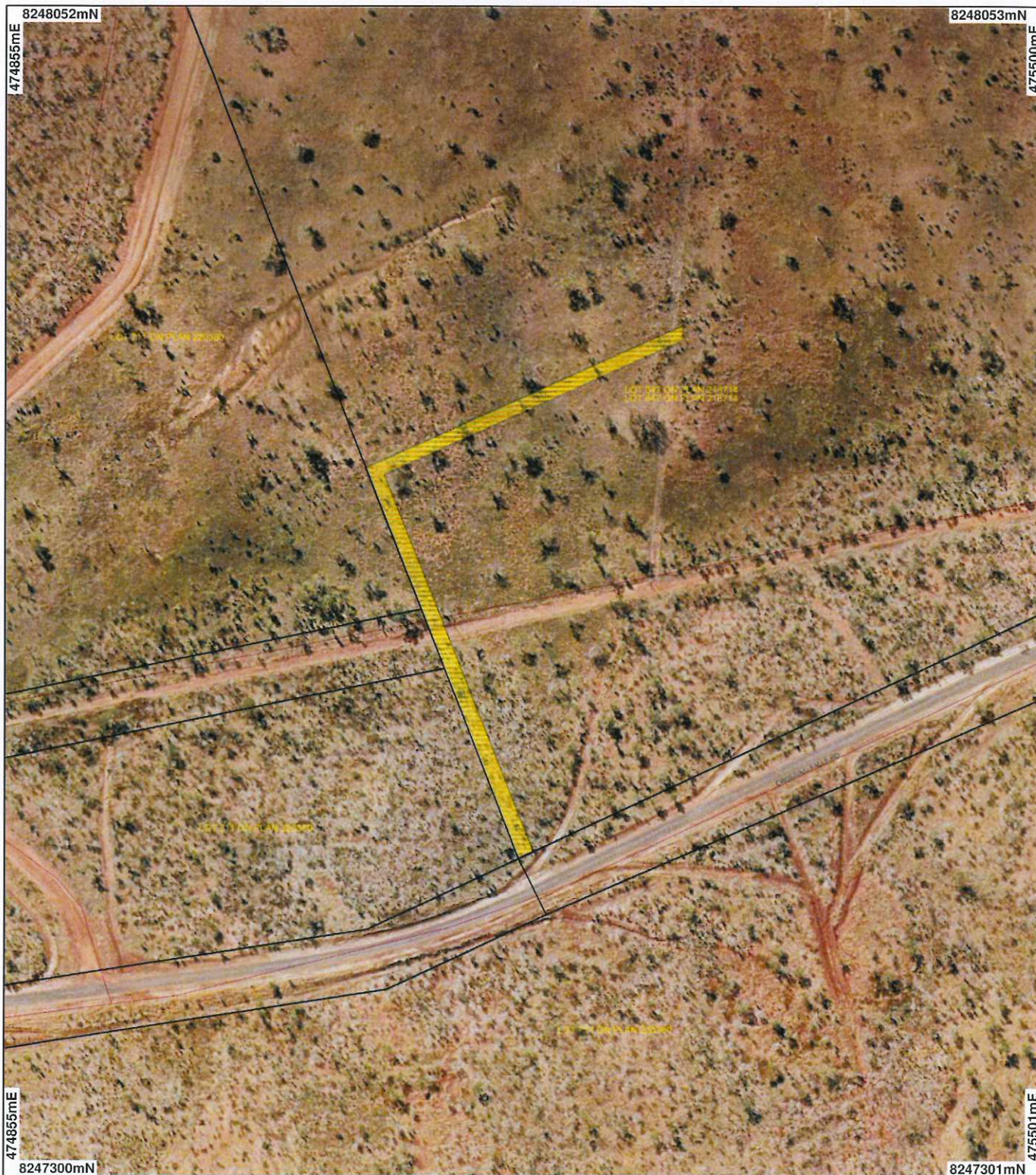
A handwritten signature in black ink, appearing to read "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

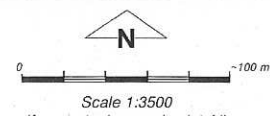
7 April 2011

Plan 4257/1




LEGEND

-  Road Centrelines
-  Clearing Instruments
-  Areas Approved to Clear
-  Cadastre
-  Kununurra 50cm Orthomosaic - Landgate 2005

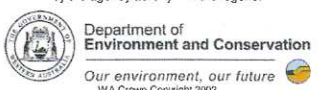


Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

 Date 2/4/11
 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.



* Project Data. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 4257/1
 Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Kai Phillip and Debra Margaret Halford

1.3. Property details

Property: LOT 647 ON PLAN 216714 (KUNUNURRA 6743)
 Local Government Area:
 Colloquial name:

1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of: |
|--------------------|-----------|--------------------|---------------------|
| 0.92 | | Mechanical Removal | Miscellaneous |

1.5. Decision on application

Decision on Permit Application:
 Decision Date:

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 |
|--|--|---|--|
| <p>The area under application is mapped as J.S. Beard (1980) vegetation types:</p> <ul style="list-style-type: none"> - 909 being grasslands of high grass savanna woodland comprising Bloodwood, Stringybark and Woollybutt over upland tall grass and curly spinifex on sandplain, with about 99% pre-European extent remaining in the Victoria Bonaparte bioregion in 2009; and - 800 being grasslands of high grass savanna woodland comprising Stringybark and Woollybutt over (upland) tall grass and curly spinifex, with about 100% pre-European extent remaining in the Victoria Bonaparte bioregion in 2009. | <p>This application is for the proposed clearing of approximately 0.92 hectares of native vegetation for the purpose of constructing a power line.</p> | <p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p> | <p>The description of the native vegetation under application is based on the GIS dataset Pre-European Vegetation - DoA 2007. The condition of the native vegetation under application and the extent of vegetation in the local area is based on aerial imagery Kununurra_4666_Jun_2005_Mosaic.ecw.</p> |

3. Assessment of application against clearing principles

Comments

This application is for the proposed clearing of approximately 0.92 hectares of native vegetation within Lot 647 on Plan 216714 in the Shire of Wyndham East Kimberley for the purpose of constructing a power line. Assessment of a 10 kilometre radius around the area under application was undertaken.

The area under application is located within an area containing extensive native vegetation cover and consistency of vegetation type. Two soil types occur within the area under application, comprising (to the west) gently sloping plains with grey and brown clays, and (to the east) gently undulating sandy plains with deep red and yellow siliceous sands. The topography of the area under application is relatively flat. The area under application is within 40 metres of a minor watercourse, and is within 1.3 kilometres of an ANCA wetland. The nearest DEC-managed estate is 3.9 kilometres from the area under application.

There are no records of declared rare flora or threatened or priority ecological communities within a 10

kilometre radius of the area under application. The nearest occurrence of priority flora is 5.5 kilometres from the area under application. One threatened, three specially-protected and eight priority fauna species have been recorded within 10 kilometres of the area under application. The habitat types that support these flora and fauna appear to be extensively represented in the local and wider area.

Given the purpose and small area of the proposed clearing, the environmental impacts are likely to be minimal. It is considered that the proposed clearing is not likely to be at variance with the clearing principles.

Methodology

References

- Keighery 1994
- Northcote 1960-68
- DEC 2007

GIS datasets

- Interim Biogeographic Regionalisation of Australia - DEH 2005
- ANCA wetlands - DEWHA 2008
- Hydrography, linear (hierarchy) - DoW 2006
- Hydrographic Catchments ? Subcatchments - DoW 2007
- Public Drinking Water Source Areas - DOW 2006
- Soils, Statewide - DoA 1999
- DEC Managed Lands and Waters - DEC 2010
- Topographic Contours, Statewide - DOLA 2002
- SAC biodatasets (accessed March 2011)

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

Comments

No submissions were received for this application.

The area under application is located within a Rights in Water and Irrigation Act 1914 area, and traverses a minor watercourse. The applicant should ensure compliance with any Department of Water requirements.

The area under application is zoned "Rural Small Holdings" under the Shire of Wyndham East Kimberley's Town Planning Scheme No.7.

The area under application is located within Aboriginal Sites of Significance. The applicant should ensure compliance with any obligations under the Aboriginal Heritage Act 1972.

The area under application has been subject to previous referrals to the Environmental Protection Authority, although these referrals are not related to the proposal under assessment.

Methodology

References

- Shire of Wyndham East Kimberley's Town Planning Scheme No.7

GIS databases:

- Aboriginal Sites of Significance
- CAWS Act, Clearing Control Catchments - DOW 2006
- RIWI Act, Rivers - DOW 1999
- RIWI Act, Areas - DOW 2002
- RIWI Act, Groundwater Areas - DOW 1998
- Town Planning Scheme Zones - MFP 1998
- Environmental Impact Assessments - DOE 2005

4. References

- DEC / DAFWA (2009) CAR Reserve Analysis spreadsheet. 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.
- Department of Agriculture (2002). Soil Groups of Western Australia. A simple guide to the main soils of Western Australia. Resource Management Technical Report 246. Edition 3
- Hopkins, A.J.M., Beeston, G.R. and Harvey J.M. (2001) A database on the vegetation of Western Australia. Stage 1. CALMScience after J. S. Beard, late 1960's to early 1980's Vegetation Survey of Western Australia, UWA Press.
- 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.

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) |