



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4637/1

File Number: 2011/009266-1

Duration of Permit: From 5 December 2011 to 5 December 2013

PERMIT HOLDER

Water Corporation of Western Australia

LAND ON WHICH CLEARING IS TO BE DONE

Lot 340 on Deposited Plan 43049 (House No. 1240 Mundaring Weir, Hacketts Gulley, 6076)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 21 native trees within the areas hatched yellow on attached Plan 4637/1.

CONDITIONS

Nil.

A handwritten signature in black ink, appearing to be '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*

10 November 2011

Plan 4637/1



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
 - Road Centrelines
 - Cadastre

Swan Coastal Plain North
20cm Orthomosaic - Landgate
2006



0 75 m

Scale 1:3321

(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 10/11/11
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.: 4637/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Water Corporation of Western Australia

1.3. Property details

Property: LOT 340 ON PLAN 43049 (House No. 1240 MUNDARING WEIR HACKETTS GULLY 6076)
Local Government Area: Shire of Mundaring
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 10 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 3 is described as medium forest; jarrah-marri (Shepherd, 2009)	This application proposes to clear 21 native trees within Reserve 50966 being Lot 340 on Plan 43049, Mundaring Weir Road, for the purpose of constructing an access track. The majority of the 21 trees applied for are <i>Eucalyptus rudis</i> . The vegetation under application is considered to be in 'degraded' (Keighery, 1994) condition.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994)	The vegetation condition and description was determined from orthomosaic aerial imagery.
Mattiske vegetation complex He2 is described as mosaic of open forest of <i>Eucalyptus marginata</i> subsp. <i>thalassica-Corymbia calophylla</i> and woodland of <i>Eucalyptus wandoo</i> with some <i>Eucalyptus accedens</i> and <i>Eucalyptus rudis</i> on the deeper soils ranging to closed heaths and lithic complex on shallow soils associated with granite on steep slopes of valleys in semiarid and arid zones (Mattiske and Havel, 1998).			

3. Assessment of application against clearing principles

Comments

The application to clear 21 native trees for the purpose of constructing an access road is unlikely to have any significant environmental impacts.

There are no declared rare flora species or threatened ecological communities in the vicinity of the project.

Helena River is situated approximately 60 meters north of the application area. The majority of the application is considered to be riparian vegetation, being *Eucalyptus rudis*. The distance between the proposed clearing and the Helena River should be sufficient to ensure that the environmental values of this watercourse are not compromised during the clearing process.

Given the clearing consists of 21 trees and is located within an a highly vegetated area (approximately 90 per cent vegetation cover remains within a 10km radius), it is unlikely that the proposed clearing will negatively impact fauna habitats, conservation areas, water quality; nor will it cause or exacerbate land degradation, or flooding.

The assessment of the application identified that the clearing is at variance to Principle (f) and not likely to be at variance to any of the remaining principles.

Methodology GIS databases:
- DEC Tenure (DEC 2010)
- SAC Biodatasets (accessed Oct 2011)

- Pre European Vegetation (DA 2001)
- Clearing Regulations, Environmentally Sensitive Areas (2009)
- Current Extent of Native Vegetation (NLWRA 2001)
- Hydrography, linear - DOW 13/7/06

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

Comments

No submissions from the public have been received.

The access road is being constructed to replace a previous track that now runs through the nearby Waste Water Treatment Plant (DEC, 2011).

Methodology References
DEC (2011)

4. References

- DEC (2011) Swan Regional Advice for Clearing Permit Application CPS 4637/1, Lot 340 on Plan 43049, Hacketts Gully. DEC Ref A446673.
- 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)