

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.

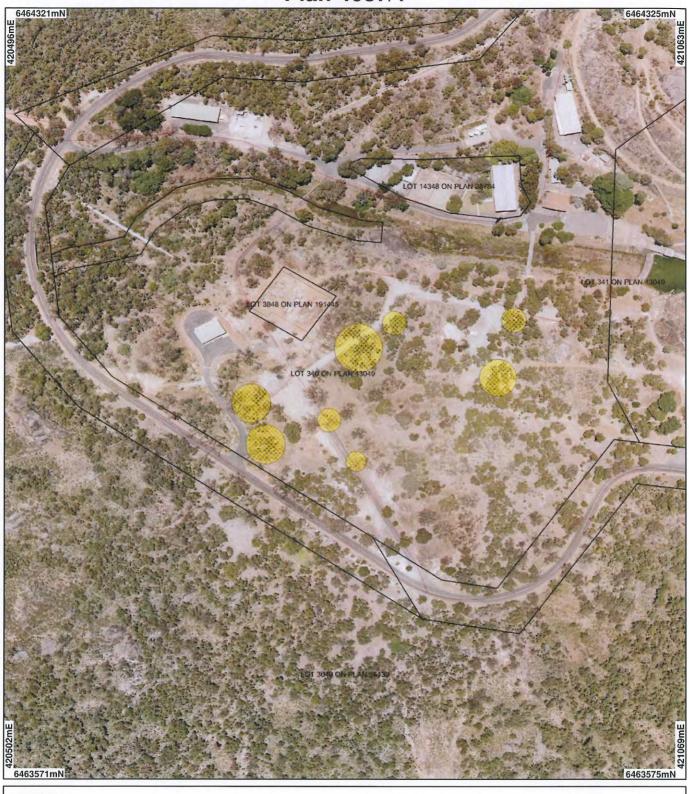
Kelly Faulkner MANAGER

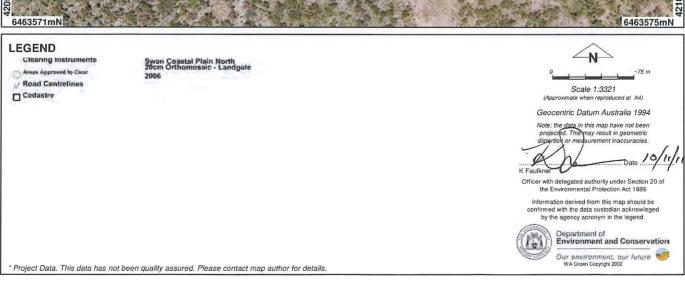
NATIVE VEGETATION CONSERVATION BRANCH

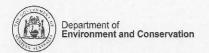
Officer delegated under Section 20 of the Environmental Protection Act 1986

10 November 2011

Plan 4637/1









Clearing Permit Decision Report

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:

Colloquial name:

Shire of Mundaring

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:

on:

40.11

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

Mapped Beard vegetation association 3 is described as medium forest; jarrah-marri (Shepherd, 2009)

Mattiske vegetation complex He2 is described as mosaic of open forest of Eucalyptus marginata subsp. thalassica-Corymbia calophylla and woodland of Eucalyptus wandoo with some Eucalyptus accedens and Eucalyptus rudis 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).

Clearing Description

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 *Eucalyptus rudis*. The vegetation under application is considered to be in 'degraded' (Keighery, 1994) condition.

Vegetation Condition

Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994)

Comment

The vegetation condition and description was determined from orthomosaic aerial imagery.

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 vegetetation, 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)