



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4803/1
File Number: 2012/0003-1
Duration of Permit: From 31 August 2012 to 31 August 2014

PERMIT HOLDER

Thomas Edwin Pascoe

LAND ON WHICH CLEARING IS TO BE DONE

Lot 1 on Diagram 67231, Tingledale (6333)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 4 hectares of native vegetation within the area hatched yellow on attached Plan 4803/1.

CONDITIONS

Nil.

A handwritten signature in cursive script, appearing to read 'M Warnock', written over a horizontal line.

M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

9 August 2012

Plan 4803/1



LEGEND

- Clearing instruments
- Areas Approved to Clear
- Cadastral
- Deep River 50cm Orthomosaic - Landgate 2007

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



0 100m

Scale 1:5021

(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

Approved Date 9/8/12

M Wainock

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
Our environment, our future
WA Green 08/9/12/2022



1. Application details

1.1. Permit application details

Permit application No.: 4803/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Thomas Edwin Pascoe

1.3. Property details

Property: LOT 1 ON DIAGRAM 67231 (House No. 245 HAZELVALE TINGLEDAL 6333)
Local Government Area: Shire of Denmark

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
4		Mechanical Removal	Extractive Industry

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 9 August 2012

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 (Normalup) is described as Medium forest; jarrah-marri (Shepherd et al, 2001).	This application proposes to clear up to 4 hectares of native vegetation within Lot 1, Hazelvale Rd, Tingledale, for the purpose of gravel extraction.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation description and condition was determined through site inspection conducted by the Department of Environment and Conservation in February 2012 (DEC, 2012)
Mattiske vegetation complex Kb (Keystone) is described as a Mosaic of tall open forest of Eucalyptus guilfoylei-Eucalyptus jacksonii-Eucalyptus diversicolor on slopes of major hills rising above coastal plain with Allocasuarina decussata-Banksia grandis-Agonis flexuosa on slopes in hyperhumid and perhumid zones and tall open forest of Eucalyptus brevistylis-Eucalyptus marginata subsp. marginata-Corymbia calophylla and the occasional Eucalyptus megacarpa near rock outcrops in hyperhumid and perhumid zones (Mattiske and Havel, 1998).	The area under application is parkland cleared forest of predominately regrowth Marri (Corymbia calophylla) with the occasional mature Karri (Eucalyptus diversicolor) over a mainly grassy understory (DEC, 2012).		

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**

The application to clear up to four hectares of native vegetation for the purpose of gravel extraction is not likely to have any significant environmental impacts. The vegetation under application is considered to be in a degraded (Keighery, 1994) condition and is described as a regrowth Marri (*Corymbia calophylla*) forest interspersed with occasional mature Karri (*Eucalyptus diversicolor*) over a depauperate understory layer (DEC, 2012).

A number of flora and fauna of conservation significance have been mapped within the local area (10km radius). Given that the vegetation under application is well represented on a local and bioregional scale and that a site inspection (DEC, 2012) determined that the vegetation is largely parkland cleared with significant grass encroachment, the area under application is not considered likely to comprise significant habitat for these species. No trees with hollows, or trees that are likely to form hollows, suitable to be utilised by black cockatoo species, were identified during the site inspection (DEC, 2012).

The proposed clearing is not likely to impact upon surface or underground water quality and application area is located approximately 600m from the nearest watercourse, an indefinite watercourse and marsh area system.

The assessment of the application found that the clearing is not likely to be at variance to any of the principles.

Methodology References:
DEC (2012)
Keighery (1994)

GIS Databases:
-Deep River 2007 50cm Ortomosaic
-Hydrography, linear
-IBRA Australia
-Pre European Vegetation
-SAC Bio datasets - Accessed 20/01/2012

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

Comments

The property is located within the Shire of Denmark and is zoned rural. The shire has advised that Planning Approval has been granted and an Extractive Industries licence will be issued soon (Shire of Denmark, 2012).

A submission was received from the Walpole/Tingledale Land Conservation District Committee stating that they had no objection to the clearing (Walpole/Tingledale LCDC, 2012).

No other public submissions were received.

Methodology

Shire of Denmark (2012)
Walpole/Tingledale LCDC (2012)

GIS Databases:
-- Public Drinking Water Source Area DoW 09/09
- RIWI Act, Groundwater Areas - DoW 07/06
- Town Planning Scheme Zones - MFP 08/98

4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 4803/1, Lot 1 Hazlevale Road, Hazlevale. Site inspection undertaken 10/02/2012. Department of Environment and Conservation, Western Australia (DEC Ref. A474572).
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth.
- 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.
- 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 Denmark (2012). Planning Consent: Proposed Extractive Industry - Grave Extraction - No. 245 (Lot 1) Hazelvale Road Tingledale (DEC Ref: A5530124 and A532653).
- Walpole/Tingledale LCDC (2012). Permit CPS 4803/1, APP Thomas Pascoe. Direct interest submission received 20 January 2012. Walpole/Tingledale Land Conservation District Commission. DEC Ref: A468188.

5. Glossary

Term	Meaning
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