



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4108/1
File Number: 2010/010609
Duration of Permit: 24 January 2011 – 24 January 2013

PERMIT HOLDER

Shire of Katanning

LAND ON WHICH CLEARING IS TO BE DONE

Katanning-Dumbleyung Road Reserve, (MOOJEBING 6317)

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

Clearing for the purpose of road widening and maintenance of table drains.

CONDITIONS

1. The Permit Holder must not clear more than 5 native trees within the area cross-hatched yellow on attached Plan 4108/1.

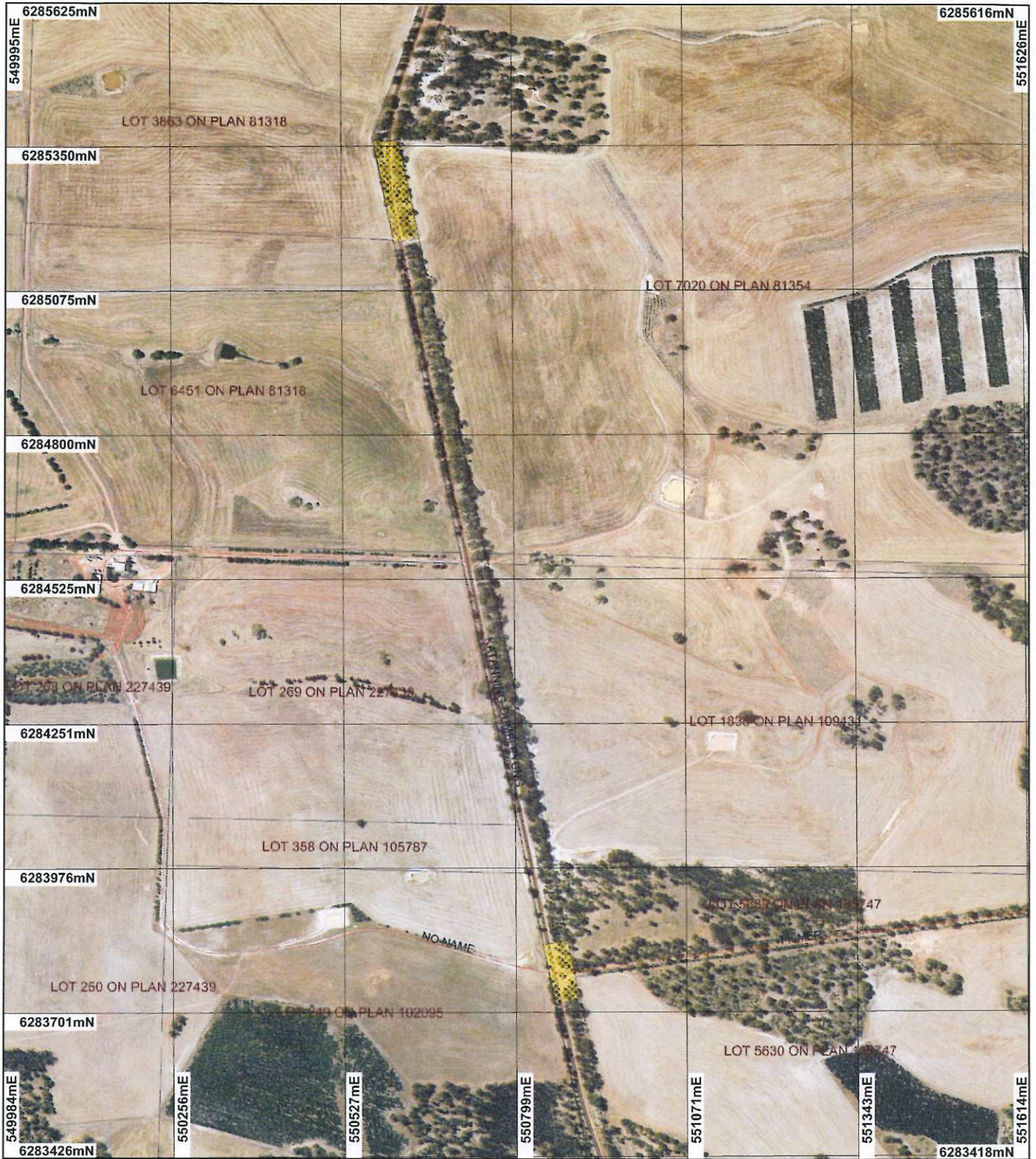
A handwritten signature in black ink, appearing to read 'Kelly Faulkner', written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

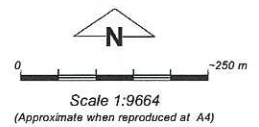
30 December 2010

Plan 4108/1



LEGEND

- | | | |
|--|--|--|
| Road Centrelines | State Forest / Timber Reserve | Water |
| Clearing Instruments | Marine Park | Katanning 50cm Orthomosaic - Landgate 2006 |
| Areas Approved to Clear Cadastre for labelling | Crown Lease | |
| Freshoid | Lease / Reserve | |
| Crown Reserve (cont) | Lease on State Forest / Timber Reserve | |
| | Public Roads | |
| | Unallocated Crown Land (cont) | |



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

Date 30/12/10
 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
 Our environment, our future
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1. Application details

1.1. Permit application details

Permit application No.: 4108/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Katanning

1.3. Property details

Property: ROAD RESERVE (MOOJEBING 6317)
ROAD RESERVE (MOOJEBING 6317)
Local Government Area: Shire of Katanning

Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 30 December 2010

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 type: 1023: Medium woodland; York gum, wandoo & salmon gum (E. salmonophloia) (Shepherd, 2009)	The proposal is to clear 5 trees within Katanning - Dumbleyung road reserve. The purpose of the clearing is to undertake widening and maintenance of Katanning-Dumbleyung Road.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the native vegetation under application was determined from photographs supplied with the application (Shire of Katanning 2010).

3. Assessment of application against clearing principles

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

The proposed clearing is 5 native trees within Katanning-Dumbleyung Road reserve; the proposal comprises of two areas with area 1 comprising of 2 trees and area 2 comprising of 3 trees. The vegetation under application comprises of York Gum (*Eucalyptus loxophleba* subs. *Loxophleba*) and Wandoo (*Eucalyptus wandoo*) trees in a degraded (Keighery, 1994) condition.

A tree hollow may occur within the area under application, which may provide habitat for local fauna, however, the vegetation under application is not large enough to be considered as a viable habitat for most mammal species, but may contribute to a corridor for bird movement through out an extensively cleared landscape. The assessment identified that the proposed clearing is not likely to significantly impact any environmental water values or cause any appreciable land degradation within the local or regional context.

Roadside vegetation is important for providing habitat for local fauna, providing a local seed source and acting as a biological corridor to facilitate fauna movement (RCC, Undated). Additionally, the national objectives and targets for biodiversity conservation in Australia has a target to prevent clearance of ecological communities with an extent below 30 per cent of that present pre-1750, below which species loss appears to accelerate exponentially at an ecosystem level (Commonwealth of Australia 2001) Beard vegetation type 1023 (11.01%) and the Shire of Katanning (16.75%) retain less than this 30% threshold level. Therefore, the roadside vegetation under application may be considered to be significant as a part of a remnant of native vegetation in an area that has been extensively cleared. The proposed clearing may be at variance to Principle (e).

Methodology

References:
- Commonwealth of Australia (2001)
- Keighery (1994)
- RCC (Undated)
- Shepherd (2009)

GIS Databases:

- Interim Biogeographic Regionalisation of Australia
- SAC Bio Datasets 21/12/2010
- Pre-European Vegetation

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

Comments

The proposed clearing is 5 native trees within Katanning-Dumbleyung Road reserve; the proposal comprises of two areas with area 1 comprising of 2 trees and area 2 comprising of 3 trees.

The Shire of Katanning has a clearing permit (CPS 3499/1) for an additional portion (0.72ha) of Katanning - Dumbleyung road reserve immediately south of the application area. Additionally, a further 2 km stretch of Katanning-Dumbleyung Road, which had already been cleared was removed from clearing application CPS 3499/1. Further clearing within the Shire, which has 11.2% native vegetation remaining, may result in cumulative effects including significant loss of habitat and biodiversity values.

The area under application is zoned Roads in the Local Town Planning Scheme

Methodology

- GIS Database
- Town Planning Scheme Zones

4. References

Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
RCC (Undated) Verge Notes-A Roadside Note for Landowners, Roadside Conservation Committee (RCC), Department of Conservation and Land Management, 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)