



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4119/1
File Number: DEC9050
Duration of Permit: From 24 January 2011 to 24 January 2014

PERMIT HOLDER

Ronald George Lawrie

LAND ON WHICH CLEARING IS TO BE DONE

Lot 1 on Diagram 9778 (CROWEA 6258)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 100 native trees within the area cross hatched yellow on attached Plan 4119/1.

CONDITIONS

Nil

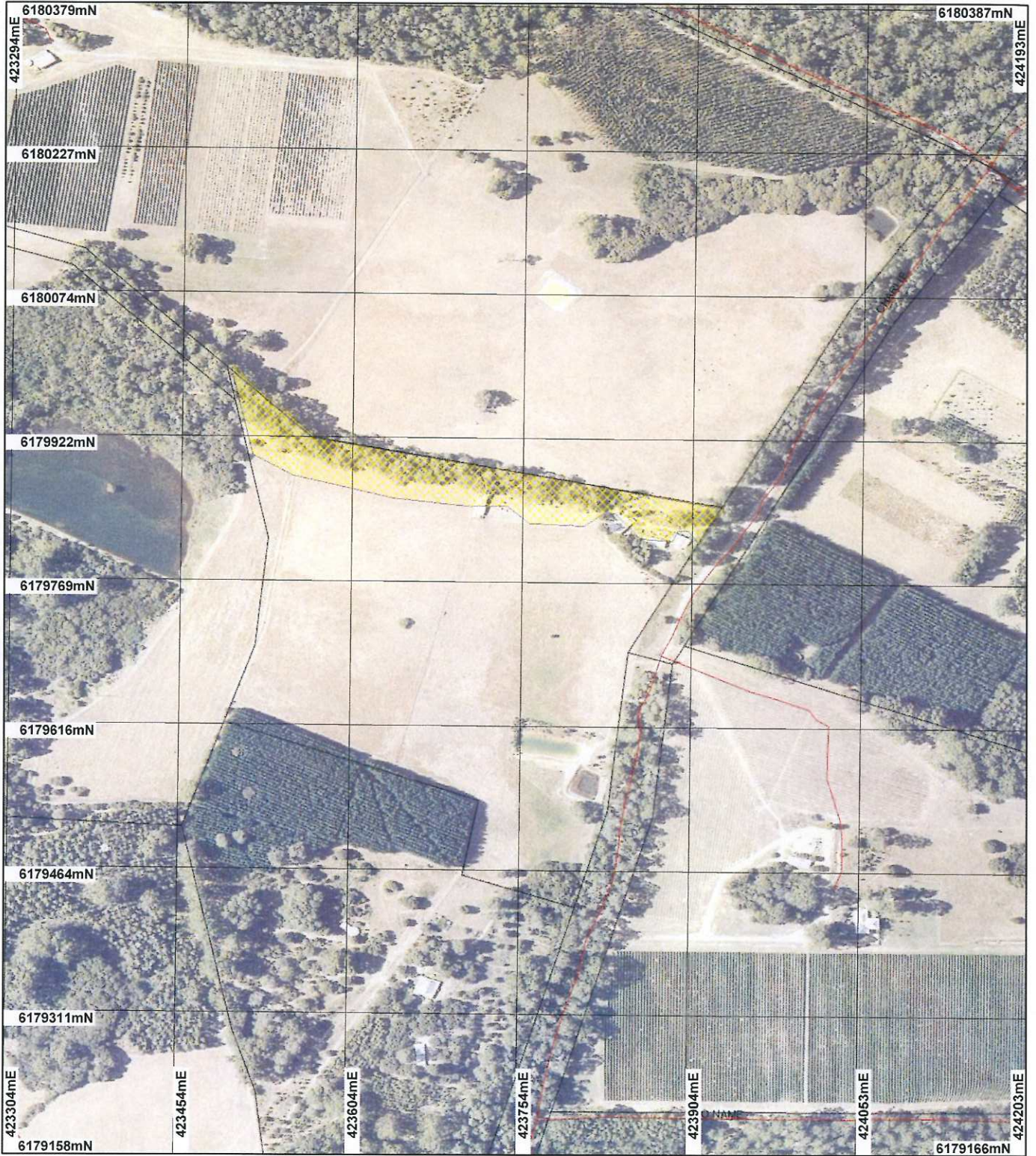
A handwritten signature in black ink, appearing to read 'Kelly Faulkner', written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

30 December 2010

Plan 4119/1



LEGEND

Clearing Instruments

-  Areas Approved to Clear
 -  Road Centrelines
 -  Cadastre
- Northcliffe 50cm Orthomosaic
Landgate 2007



Scale 1:5361

(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 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

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1. Application details

1.1. Permit application details

Permit application No.: 4119/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Ronald George Lawrie

1.3. Property details

Property: LOT 1 ON DIAGRAM 9778 (CROWEA 6258)
Local Government Area: Shire of Manjimup

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	100	Mechanical Removal	Hazard reduction or fire control

1.5. Decision on application

Decision on Permit Application: Grant
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
<p>Beard: Unit 1144 - Tall forest; karri & marri.</p> <p>Mattiske: Crowea (CRy) - Tall open forest of <i>Corymbia calophylla</i> with mixture of <i>Eucalyptus marginata</i> subsp. <i>marginata</i> and <i>Eucalyptus diversicolor</i> on uplands in hyperhumid and perhumid zones.</p>	<p>The proposal is to clear up to 100 native trees for the purpose of hazard reduction.</p> <p>The vegetation under application consists of live and dead trees predominately being <i>Eucalyptus diversicolor</i> (Karri) and <i>Corymbia calophylla</i> (Marri) (DEC, 2008).</p>	<p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)</p>	<p>Vegetation condition established through conversation with proponent, aerial photography and site visit (DEC 2008).</p>

3. Assessment of application against clearing principles

Comments

The proposal is to clear approximately 100 trees within Lot 1 on Diagram 9778, Crowea, for the purpose of hazard reduction.

The area under application is in a degraded (Keighery, 1994) condition, with little ground cover, and is part of a paddock that has been heavily grazed and weeds and grasses have established (DEC, 2008).

There are no rare flora populations or threatened ecological communities recorded within a 5km radius of the area under application. Three records of Quokka are known from nearby State forest, 3km from the area under application.

The vegetation under application is well represented, being a component of Beard vegetation unit 1144 of which there is 79.6% (Shepherd, 2009) of its pre-European extent remaining within the Warren bioregion. The area under application has also been mapped by Mattiske and Havel (2002) as Crowea Vegetation Complex which retains approximately 70.0% of the pre-European extent remaining.

Although the area under application is vegetatively linked to the adjacent Warren State Forest, however the proposed clearing is unlikely to the impact on the environmental values of the conservation reserve.

The assessment identified that the proposed clearing is not likely to significantly impact any biodiversity, land degradation, or environmental water values within the local or regional context.

Given the relatively small scale of the proposed clearing and consequently, limited habitat and biodiversity values of the vegetation, the proposed clearing is not considered likely to be at variance to any of clearing principles.

Methodology
References:
Keighery (1994)

Mattiske and Havel (2002)
 Shepherd (2009)
 DEC (2008)
 GIS databases:
 - Mattiske Vegetation (1998)
 - Pre-European vegetation - DA 01/01
 - Soils, Statewide DA 11/99
 - SAC Biodatasets

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

Comments

A permit (CPS 2718/1) has previously been granted over this area, however the applicant did not undertake the works before the permit expired in November 2010.

The area under application is within the Warren River Water Reserve, which is a Public Drinking Source Area and a Zone D CAWS catchment area. DoW (2008) have advised that they do not object to the proposed clearing as sufficient vegetation remains on the applicant's holding to meet the statutory requirement to retain a minimum 10% vegetation.

Methodology

The area proposed to be cleared is zoned rural in the Town Planning Scheme.

References:

DoW (2008)

GIS database:

- Country Area Water Supply Act (Part IIA) Clearing Control Catchments 29/06/2006
- Town Planning Scheme Zones

4. References

- DEC (2008) Site Inspection Report for Clearing Permit Application CPS 2718/1, Lot 1 on Diagram 9778. Site inspection undertaken 22/10/2008. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC66119).
- DoW (2008) CAWS Advice to Assessing Officer, Department of Water Trim Ref DOC66436.
- 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)

