



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5484/1
File Number: 2013/000761-1
Duration of Permit: From 3 May 2013 to 3 May 2015

PERMIT HOLDER

Mr Robert Dominiak
Mrs Kelly Dominiak
Ms Maureen Rowe

LAND ON WHICH CLEARING IS TO BE DONE

LOT 5 ON DEPOSITED PLAN 20591 (HAY 6333)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 20 native *trees* within the area hatched yellow on attached Plan 5484/1.

CONDITIONS

Nil.

DEFINITIONS

The following meanings are given to terms used in this Permit:

tree means a perennial plant having a permanent, woody, self-supporting main stem or trunk, usually growing to a considerable height, and usually developing branches at some distance from the ground.

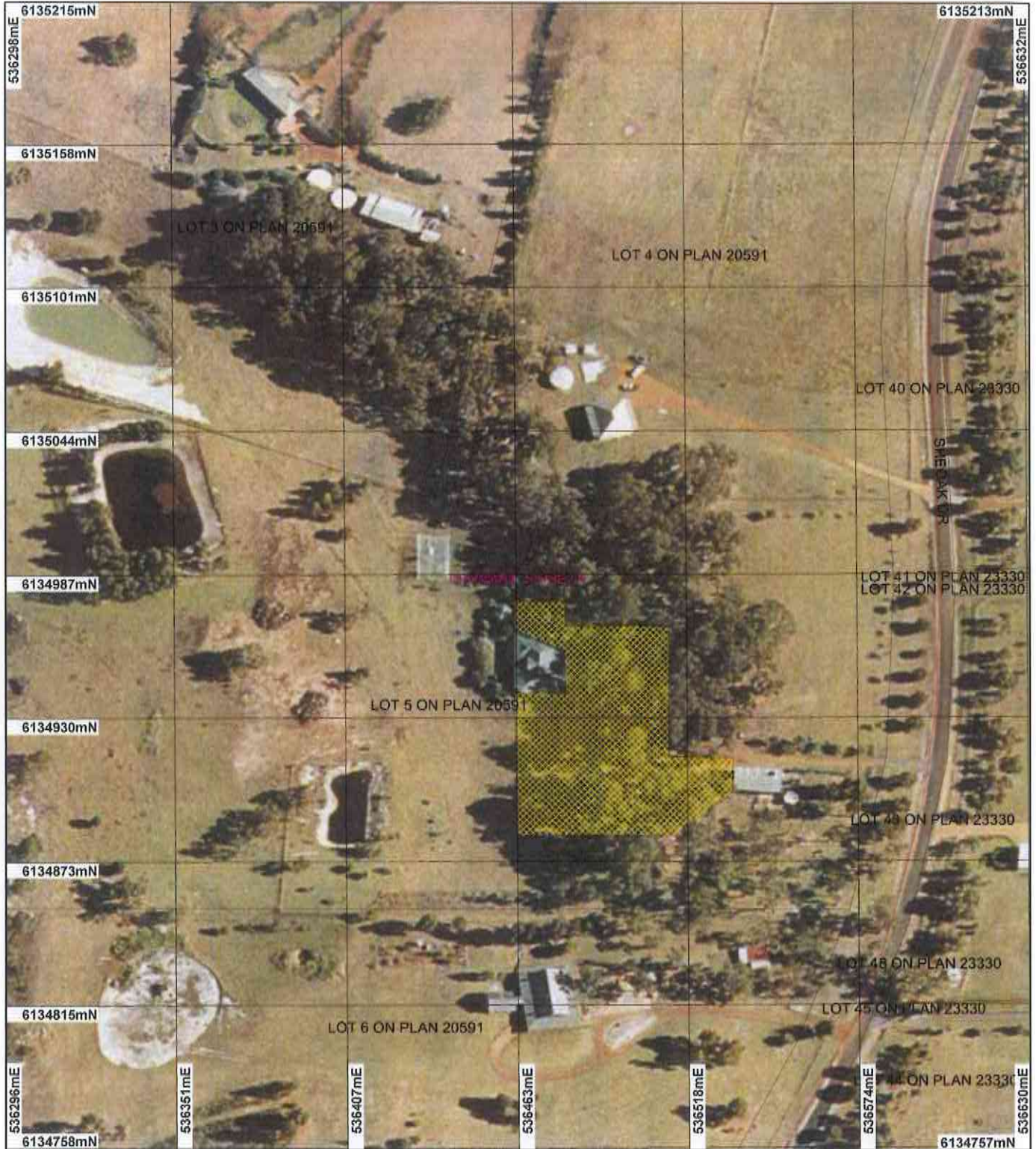
A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

18 April 2013

Plan 5484/1



LEGEND

- | | | | |
|-----------------------------|------------------|-------------------------------|--|
| Clearing Instruments | | Cadastre for labelling | |
| Areas Approved to Clear | Road Centrelines | Local Government Authorities | Denmark 50cm Orthomosaic - Landgate 2007 |
| Cadastre | | | |



Scale 1:2000
(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.

M Warnock 18/4/13
Date

M Warnock
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.: 5484/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Robert and Kelly Dominiak and Maureen Rowe

1.3. Property details

Property: LOT 5 ON DEPOSITED PLAN 20591 (HAY 6333)
Local Government Area: Shire of Denmark

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 18 April 2013

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 et al. 2001).	The application is to clear up to 20 native trees for the purpose of hazard reduction. The trees are scattered throughout a patch of remnant vegetation (2.5 hectares) which surrounds a house, associated outbuildings, two driveways and areas containing livestock.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition and description of the vegetation has been determined by a Department of Environment and Conservation site visit on 26 March 2013 (DEC 2013), a site survey report provided by the applicant (Muggeridge 2012) and aerial imagery (Denmark 50cm Orthomosaic - Landgate 2007).
Mapped Mattiske Vegetation Complex F is described as a mixture of woodland of Eucalyptus megacarpa, woodland of Eucalyptus patens, tall shrubland of Myrtaceae spp. with some sedgeland of Anarthria spp. on broad plains in hyperhumid and perhumid zones (Mattiske and Havel 1998).	The trees proposed to be cleared consist of a variety of species including Eucalyptus marginata (jarrah), Corymbia calophylla (marri) and Allocasuarina sp. (sheoak). They are reported to be in various states of decay, termite damage and rot, many with dead splitting and exposed roots due to leaning over at various degrees (Muggeridge 2012).		
	The patch of remnant vegetation containing the trees proposed to be cleared is in a degraded (Keighery 1994) condition and subject to disturbance from cattle grazing, vehicular activities and dieback (DEC 2013). The trees under application pose a potential hazard to buildings, livestock and people moving through the area (DEC 2013).		

3. Assessment of application against clearing principles

Comments

The application is to clear up to 20 native trees for the purpose of hazard reduction. The trees are scattered throughout a 2.5 hectare patch of remnant vegetation which surrounds a house, associated outbuildings, two driveways and areas containing livestock. The trees proposed to be cleared consist of a variety of species including Eucalyptus marginata (jarrah), Corymbia calophylla (marri) and Allocasuarina sp. (sheoak) (Muggeridge 2013).

There are numerous records of flora, fauna (DEC 2007-) and an ecological community of conservation significance within the local area (10 kilometre radius). Considering the proposed clearing is of 20 individual trees in poor health, with healthy trees being retained within the 2.5 hectare remnant patch, the trees proposed to be cleared are unlikely to be necessary for the maintenance of any of these species or communities.

The vegetation under application is unlikely to contain a high level of biodiversity due to the small size (2.5

hectares), degraded (Keighery 1994) condition, lack of understorey and close proximity to a house, livestock and associated infrastructure.

The vegetation under application is mapped as Beard Vegetation Association 3 (Shepherd et al. 2001) which is well represented within the Warren IBRA Bioregion, with approximately 80 percent of original extent remaining (Government of Western Australia 2011). Due to the proposed clearing being 20 individual trees in poor health, with healthy trees being retained, it is not considered to be significant as a remnant.

There are three conservation areas mapped within a 10 kilometre radius of the application area. Denmark Catchment State Forest is 1.5 kilometres to the north, McIntosh Road Nature Reserve is 2 kilometres to the south and Mount Lindesay National Park is 3.5 kilometres to the north. The proposed clearing is unlikely to impact upon the environmental values of any conservation areas due to the small size (20 trees) and degraded (Keighery 1994) condition. It is also unlikely to cause or exacerbate land degradation, flooding or water quality deterioration.

Considering the above, the application is not likely to be at variance to the clearing principles.

Methodology	References
	- DEC (2007-)
	- DEC (2013)
	- Government of Western Australia (2011)
	- Keighery (1994)
	- Muggeridge, P (2012)
	- Shepherd et al. (2001)
	GIS Databases
	- DEC tenure
	- Hydrography, linear DOW
	- NWLRA, Extent of Native Vegetation
	- Pre-European vegetation
	- SAC Biodatasets - accessed March 2013

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

Comments

The application is to clear up to 20 native trees surrounding a house, associated out buildings, two driveways and areas containing livestock for the purpose of hazard reduction. An arborist survey of the trees reported them to be in various states of decay, termite damage and rot, many with dead splitting and exposed roots due to leaning over at various degrees (Muggeridge 2012). The trees under application pose a potential hazard to buildings, livestock and people moving through the area (DEC 2013).

A public submission was received raising a concern that the trees under application have been damaged due to the allowance of cattle to graze in the area and that the continuation of cattle grazing within the vegetation remnant on the property may result in the ailment and/or death of more trees which are currently healthy (Submission, 2013). The concerns are currently under investigation.

The area under application is zoned as 'special rural' under the Town Planning Scheme Zones.

There are no Aboriginal Sites of Significance within the application area.

Methodology	References
	-DEC (2013)
	-Muggeridge (2012)
	-Submission (2013)
	GIS Databases
	- Aboriginal Sites of Significance
	- Town Planning Scheme Zones

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 14/03/2013.
- DEC (2013) Site inspection report for Clearing Permit Application CPS 5484/1. Department of Environment and Conservation, Western Australia, 26 March 2013 (DEC Ref: A618156).
- 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.
- Muggeridge, P (2012) Roderick's Tree Lopping and Landscaping Services, report provided for Maureen Rowe at 177 Sheoak Drive, Hay, 30 December 2012 (DEC Ref: A614316).
- 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.
- Submission, 2013. Public submission in relation to Clearing Permit Application CPS 5484/1. Dated 22/03/2013 (DEC Ref: A618156).

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)