



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4029/1

File Number: 2010/008686-1

Duration of Permit: From 27 December 2010 to 27 December 2012

PERMIT HOLDER

Jeremy A. Van Hazendonk

LAND ON WHICH CLEARING IS TO BE DONE

Lot 12325 on Deposited Plan 203150

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 4 hectares of native vegetation within the area hatched yellow on attached Plan 4029/1.

CONDITIONS

1. Weed control

- (a) When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

DEFINITIONS

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

fill means material used to increase the ground level, or fill a hollow;

mulch means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

weed/s means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

A handwritten signature in black ink, appearing to be "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*

2 December 2010

Plan 4029/1



LEGEND

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



Scale 1:3505

(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 2/12/09

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.: 4029/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Jeremy Adrian and Gaynor F Van Hazendonk

1.3. Property details

Property: LOT 12325 ON PLAN 203150 (BOORARA BROOK 6262)
Local Government Area: Shire of Manjimup
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 2 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
Shepherd (2009) describes vegetation association 1144 as Tall forest; karri & marri (Corymbia calophylla)	The 4ha of native vegetation under application is to be cleared for the purpose of fire hazard reduction. The vegetation is considered to be in a good (Keighery 1994) condition where there is overstorey present	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The condition and description of the vegetation under application was determined via a site visit (DEC 2010).
Mattiske vegetation complex Granite Valleys (Vh2) is described as Tall open forest of Eucalyptus diversicolor-Eucalyptus patens on slopes with Agonis flexuosa-Allocasuarina decussata - Callistachys lanceolata on valley floors in hyperhumid and perhumid zones.	an degraded were no overstorey exists. Species consist of Karri and a few Marri in the overstorey, middle storey consists of Agonis flexuosa with some Trymalium Floribundam with a ground layer of manily introduced grasses and bracken (DEC 2010)		
Collis (COd) is described as Tall open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla-Banksia grandis on saddles between hills in the perhumid zone.			
As above	As above	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	As above

3. Assessment of application against clearing principles

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

The proposal to clear up to 4 hectares for the purpose of fire hazard reduction is unlikely to have any significant environmental impacts. There are no threatened ecological communities in the vicinity of the project. The vegetation to be cleared is well represented in the local area, and the removal of this vegetation would not have

a detrimental impact on fauna.

The vegetation under application is considered to be in a degraded to good (Keighery 1994) condition (DEC 2010) and is surrounded by State forest and National Parks. Weed conditions will mitigate any impact of clearing on these conservation reserves.

There were two records of *Kennedia glabrata* recorded 2km from the application on the same soil and vegetation type as the application area. The local area is well vegetated, with approximately 90% native vegetation remaining including large areas of state forest and national parks. These areas are likely to be providing habitat of greater local significance for *K. glabrata* than the vegetation under application.

It is considered that the proposal is not likely to be at variance with any of the clearing principles.

Methodology References
DEC (2010)
Keighery (1994)
GIS Databases:
-SAC Biodatasets - accessed November 10
- Northcliffe 50cm Orthomosaic - Landgate 2007
-Pre-European Vegetation
-NLWRA, Current Extent of Native Vegetation
-Interim Biogeographic Regionalisation of Australia

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

Comments

The proposal is to park land clear 4 ha around a newly built house for fire hazard reduction. The applicant plans to remove all understorey species to provide a low fuel zone and will retain large Karri trees (DEC 2010). The Shire of Manjimup Fire Protection policy (6.1.19) states that a Fuel Reduction Zone of up to 200 metres from the forest edge may be required (Shire of Manjimup 2010).

Methodology Town Planning Scheme Zone is rural.
References
DEC (2010)
Shire of Manjimup (2010)
GIS Databases:
-Town Planning Scheme Zones

4. References

- DEC (2010) Regional Advice Report CPS 4029/1. 30/11/2010. DEC ref: A352031
Havel, J.J. and Mattiske Consulting Pty Ltd (2002) Review of management options for poorly represented vegetation complexes, Conservation Commission.
Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, 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.
Shire of Manjimup (2010) Local Planning Policies 6.1.19 Fire Protection. DEC ref: A352039

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)