



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5042/1
File Number: 2012/003148-1
Duration of Permit: From 13 July 2012 to 13 July 2014

PERMIT HOLDER

Matthijs Gerard Willem Lucas Meijer
Monique Brigitte Meijer-Niemansverdriet

LAND ON WHICH CLEARING IS TO BE DONE

Lot 352 on Deposited Plan 232982 (WELLINGTON FOREST 6236)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 1 hectare of native vegetation within the area cross-hatched yellow on attached Plan 5042/1.

CONDITIONS

1. Dieback and weed control

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* and *dieback*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) shall only move soils in *dry conditions*;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (d) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

2. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

3. Records must be kept

The Permit Holder must maintain the following records in relation to the clearing of native vegetation authorised under this Permit:

- (a) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings; and
- (b) the date that the area was cleared.

4. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
 - (i) of records required under condition 3 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.

- (b) Prior to 13 April 2014, the Permit Holder must provide to the CEO a written report of records required under condition 3 of this Permit where these records have not already been provided under condition 4(a) of this Permit.

DEFINITIONS

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

dieback means the effect of *Phytophthora* species on native vegetation;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

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*.

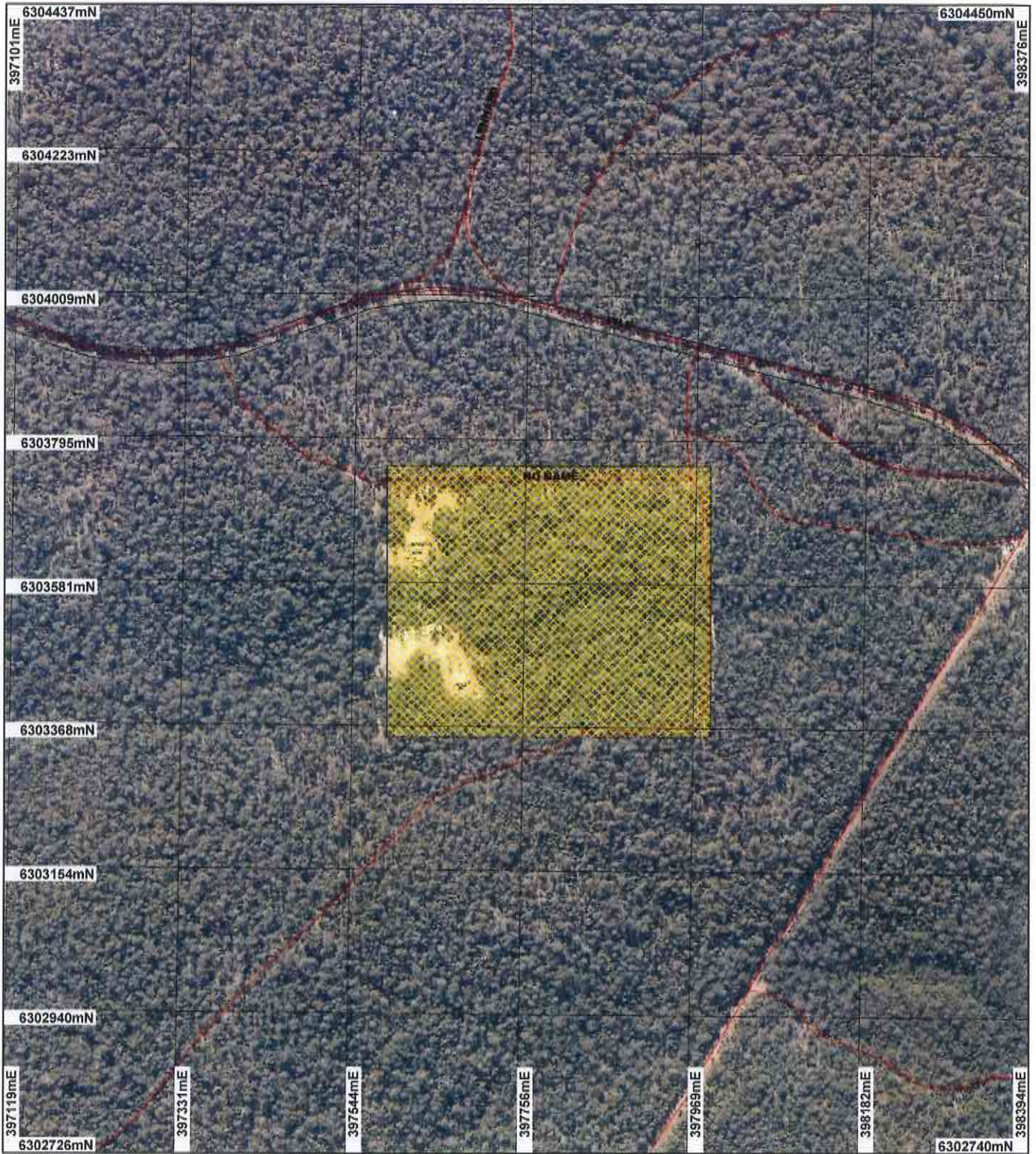


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

21 June 2012

Plan 5042/1



LEGEND

- Road Centrelines
- Cadastre
- Clearing Instruments
- Areas Approved to Clear

Bunbury 50cm Orthomosaic -
Landgate 2008



0 200 m

Scale 1:7543
(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 20/6/12

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.: 5042/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Matthijs Gerard Willem Lucas Meijer and Monique Bridgette Meijer-Niemansverdriet

1.3. Property details

Property: LOT 352 ON PLAN 232982 (WELLINGTON FOREST 6236)
Local Government Area: Shire of Dardanup
Colloquial name: Wellington Location 352

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: 21 June 2012
Decision Date: Grant

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>The area under application is mapped as the following two Beard and two Mattiske vegetation types:</p> <ul style="list-style-type: none"> - Beard vegetation association 3 is described as 'Eucalyptus marginata (Jarrah) and Corymbia calophylla (Marri) forest' - Beard vegetation association 1184 is described as 'Medium woodland-fringing; jarrah, marri, Eucalyptus rudis & Agonis flexuosa' (Shepherd et al, 2011). <p>Mattiske vegetation complex HR is described as 'Tall open forest to open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on lateritic uplands in perhumid and humid zones'.</p> <p>Mattiske vegetation complex Yg1 is described as Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on slopes with mixtures of Eucalyptus patens and Eucalyptus megacarpa on the valley floors in humid and subhumid zones (Mattiske and Havel, 1998).</p>	<p>The vegetation proposed to be cleared consists of Jarrah/Marri regrowth of mostly small diameter trees with some larger Jarrah and Marri interspersed throughout.</p> <p>A very good to excellent (Keighery, 1994) condition wetland area occurs on the property containing a Bullich (<i>Eucalyptus megacarpa</i>) and Swamp Banksia overstorey, a very dense understorey of sedges and ferns, and some small <i>Agonis flexuosa</i>.</p>	<p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)</p> <p>to</p> <p>Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)</p>	<p>The vegetation condition and description was determined from a Department of Environment and Conservation site visit on 6 June 2012 (DEC, 2012) and aerial imagery (Bunbury 50cm Orthomosaic - Landgate 2008).</p>

3. Assessment of application against clearing principles

Comments

The applicant proposes to clear up to 1 hectare of native vegetation for the purpose of upgrading existing and installing new 3m wide firebreaks and upgrading and widening an existing driveway. The vegetation is considered to be in a degraded to excellent (Keighery, 1994) condition and has been described as Jarrah/Marri regrowth of mostly small diameter trees with some larger Jarrah and Marri interspersed throughout (DEC, 2012).

A very good to excellent (Keighery, 1994) condition wetland area occurs in the north-eastern to south-western corners of the property and contains a Bullich and Swamp Banksia overstorey, a very dense understorey of

sedges and ferns, and some small peppermint trees (*Agonis flexuosa*) (DEC, 2012). The requirement to avoid and minimise clearing, in particular the avoidance of clearing riparian vegetation where practicable, will assist in mitigating potential impacts to vegetation growing in association with this wetland.

The proposed internal firebreak appears to follow an old track and the proposed firebreak clearing around the property boundary shows evidence of previous clearing (DEC, 2012).

Three species of black cockatoo that have been recorded in the local area (10kms) (DEC, 2007-):

Calyptorhynchus banksii subsp. naso (Forest Red-tailed black-cockatoo)

Calyptorhynchus baudinii (Baudin's black-cockatoo)

Calyptorhynchus latirostris (Carnaby's black-cockatoo)

These three species are listed as Rare or Likely to Become Extinct under the *Wildlife Conservation Act 1950* and are also protected under the Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*.

The larger Marri trees within the application area show evidence of black cockatoo foraging (DEC, 2012). No large hollow-bearing trees were observed within the proposed clearing areas (DEC, 2012). The vegetation under application is within a highly vegetated local area, including the surrounding Wellington National Park, which also contains suitable habitat for these species. Therefore the vegetation under application is not considered significant habitat for black cockatoos.

The area applied to be cleared is adjacent to Wellington National Park and Wellington State Forest. The disturbance caused by the proposed clearing will increase the risk of weeds and dieback spreading into the adjacent conservation area and therefore the proposed clearing may be at variance to Principle (h). Weed and dieback management will assist in mitigating the potential impacts to these surrounding conservation areas.

Given that the proposed clearing is to occur mainly within previously cleared areas, the small scale of the proposed clearing (1ha) is not expected to have a significant impact on biological diversity, fauna habitat, neither will it cause or exacerbate land degradation, or flooding.

The proposed clearing may be at variance to Principles (f) and (h) and is not likely to be at variance with the remaining clearing principles.

Methodology

References

DEC (2007-)

DEC (2012)

Keighery (1994)

GIS Databases:

- Bunbury 50cm Orthomosaic - Landgate 2008

Planning instruments, Native Title, Previous EPA decisions or other matters.

Comments

DEC (2012a) has advised the firebreaks need to be entirely within the applicant's property as the applicant does not have authority to access the neighbouring DEC managed land.

The applicant will be advised that if the intention is to clear for firebreaks outside the property boundary of Lot 352, approval from DEC's Wellington District Manager is required, in addition to a permit amendment.

The applicant submitted a Fire Management Plan (March 2012) which detailed the fire mitigation requirements within Lot 352 and the required clearing of native vegetation.

The application area is located within the Collie River Irrigation District which is an area proclaimed under the Rights in Water and Irrigation Act 1914 (RIWI Act).

The Shire of Dardanup (2012) has no objection to the proposed clearing.

Methodology

No public submissions have been received.

References;

DEC(2012a)

Shire of Dardanup (2012)

GIS databases:

RIWI Act, Surface Water Areas

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed June 2012.
- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5042/1 Lot 352 Pile Road, Dardanup. Site inspection undertaken 6/6/2012. Department of Environment and Conservation, Western Australia (DEC REF A514690).
- DEC (2012a) EMB advice for Clearing Permit Application CPS 5042/1 Lot 352 Pile Road, Dardanup. Department of Environment and Conservation, Environmental Management Branch, Western Australia (DEC REF A515492).
- 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., 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 Dardanup (2012) Advice for Clearing Permit Application CPS 5042/1 Lot 352 Pile Road, Dardanup. Shire of Dardanup Western Australia (DEC REF A507271).

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)