



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3540 / 1
File Number: DEC14122
Duration of Permit: From 26 March 2010 to 26 March 2012

PERMIT HOLDER

Charles Anthony Jenour
Merilyn Joy Jenour

LAND ON WHICH CLEARING IS TO BE DONE

LOT 89 ON PLAN 2842 (BUREKUP 6227)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.27 hectares of native vegetation within the area cross hatched yellow on attached Plan 3540/1.

CONDITIONS

1. Dieback 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 introduction and spread of *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*-affected soil, *mulch*, *fill* or other material is brought into an area that is not affected by dieback; and
 - (d) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
2. Fauna management
 - (a) Prior to undertaking any clearing authorised under this Permit, the areas shall be inspected by a *fauna specialist* who shall identify tree(s) that contain hollows suitable to be utilised as habitat by the *Calyptorhynchus banksii naso* (Forest Red-tailed black cockatoo) listed in the Wildlife Conservation (Specially Protected Fauna) Notice 2008.
 - (b) Prior to clearing, any *habitat tree(s)* identified by condition 2(a) shall be inspected by a *fauna specialist* for the presence of *Calyptorhynchus banksii naso* (Forest Red-tailed black cockatoo) listed in the Wildlife Conservation (Specially Protected Fauna) Notice 2008.
 - (c) Prior to clearing, the Permit Holder shall ensure that any fauna identified by condition 2(b) shall be removed and relocated by a *fauna clearing person*, in accordance with a licence issued by the Department.

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;

fauna clearing person means a person who has obtained a licence from the Department, issued pursuant to the Wildlife Conservation Regulations 1970 authorising them to take fauna;

fauna specialist means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna;

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

habitat tree(s) means trees that have a diameter, at average adult human chest height, of greater than 70cm, healthy but with dead limbs and broken crowns that are likely to contain hollows and roosts suitable for native fauna, or where these are not present then healthy but with the potential to contain hollows and roosts;

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;



Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

Officer delegated under Section 20
of the Environmental Protection Act 1986

25 February 2010

Plan 3540/1



LEGEND

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

Bunbury 50cm Orthomosaic - Landgate 2006



0 ————— 75 m

Scale 1:3331

(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.

[Signature]
Date 25/2/10

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.: 3540/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Charles Anthony and Marilyn Joy Jenour

1.3. Property details

Property: LOT 89 ON PLAN 2842 (BUREKUP 6227)
Local Government Area:
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.27		Mechanical Removal	Miscellaneous

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 Association 4 described as Medium woodland; marri & wandoo (Shepherd, 2007).	The application is for 0.27ha for the extension of an aerobic pond for waste water treatment and the vegetation consists of a Eucalyptus marginata forest, with some Corymbia calophylla. A distinct ground cover layer was evident but no middle storey was present. The vegetation is considered to be in 'good' (Keighery, 1994) condition (DEC, 2010).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Vegetation description derived from the DEC site visit on 4 Feb 2010 (DEC, 2010).
Mattiske Vegetation Complex HR described as Tall open forest to open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on lateritic uplands in perhumid and humid zones (Mattiske Consulting, 1998).	The application is for 0.27ha for the extension of an aerobic pond for waste water treatment and the vegetation consists of a Eucalyptus marginata forest, with some Corymbia calophylla. A distinct ground cover layer was evident but no middle storey was present. The vegetation is considered to be in 'good' (Keighery, 1994) condition (DEC, 2010).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Vegetation description derived from the DEC site visit on 4 Feb 2010 (DEC, 2010).

3. Assessment of application against clearing principles

Comments

The application is for 0.27ha for the extension of an aerobic pond for waste water treatment and the vegetation consists of a Eucalyptus marginata forest, with some Corymbia calophylla. A distinct ground cover layer was evident but no middle storey was present. The vegetation is considered to be in 'good' (Keighery, 1994) condition (DEC, 2010).

There is one record of a Forest Red-tailed black cockatoo 5km to the south west of the area applied to clear and the DEC site visit identified one potential habitat tree occurring within the area under application (DEC, 2010). The spread of dieback into the neighbouring conservation area (Wellington National Park, located 50m east) may be an indirect impact to this conservation area. The final recommendation is that fauna management and dieback hygiene management conditions be imposed on the clearing permit to mitigate any impacts from the proposed clearing.

There are no declared rare flora species or threatened ecological communities in the vicinity of the project and the Beard Vegetation Association to be cleared is well represented in the local area. Given the clearing consists of 0.27 hectares and the highly vegetation local area (60% vegetation remaining in 10km radius), it is unlikely the proposal will be considered as consisting of high biodiversity or causing or exacerbating land degradation, water quality or flooding.

The final recommendation is that the proposed clearing may be at variance to Principles (b) and (h) and not likely to be at variance to the remaining clearing principles.

- Methodology** Keighery (1994)
 DEC (2010)
 GIS Layers:
 - Clearing Regulations - Environmentally Sensitive Areas - 30 May 2005
 - SAC Bio datasets 1/02/2010
 - NLWRA, Current Extent of Native Vegetation 20 Jan 2001
 - ANCA wetlands - Environment Australia 26/3/99
 - CALM Managed Lands and Waters - CALM 01/06/05
 - Soils, Statewide DA 11/99
 - Hydrography, linear DOW 13/7/06
 - Matiske Vegetation Complexes (01/03/1998)
 - Pre-European vegetation - DA 01/01

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

Comments

No submissions from the public have been received. The Shire of Dardanup advise that the proponents are not required to submit a new planning application for the additional aerobic pond.

The proponent has applied to DEC Industry Regulation Branch to obtain a new works approval for the additional aerobic pond for wast water treatment. A decision is yet to be made by DEC.

- Methodology** GIS database:
 - Cadastre - Landgate Dec 07
 - Native Title Claims - LA 2/5/07
 - Town Planning Scheme Zones - MFP 31/08/98

4. Assessor's comments

Comment

The clearing application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the assessment recommendation is that the clearing maybe at variance to Principle (b) and (h) and to be not likely at variance to the remaining clearing Principles.

5. References

- DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3540/1, Lennard Road Shire of Dardanup. Site inspection undertaken 4/02/2010. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC119524).
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Matiske, 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. (2007). 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.

6. 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 (now DEC)
DMP	Department of Mines and Petroleum (ex DoIR)
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)