



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5790/1

File Number: 2011/006864-2

Duration of Permit: From 30 November 2013 to 30 November 2015

PERMIT HOLDER

Shire of Manjimup.

LAND ON WHICH CLEARING IS TO BE DONE

Lot 401 on Deposited Plan 301847, Ringbark.

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.24 hectares of native vegetation within the area shaded yellow on attached Plan 5790/1.

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.

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 any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in the former Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

M Warnock

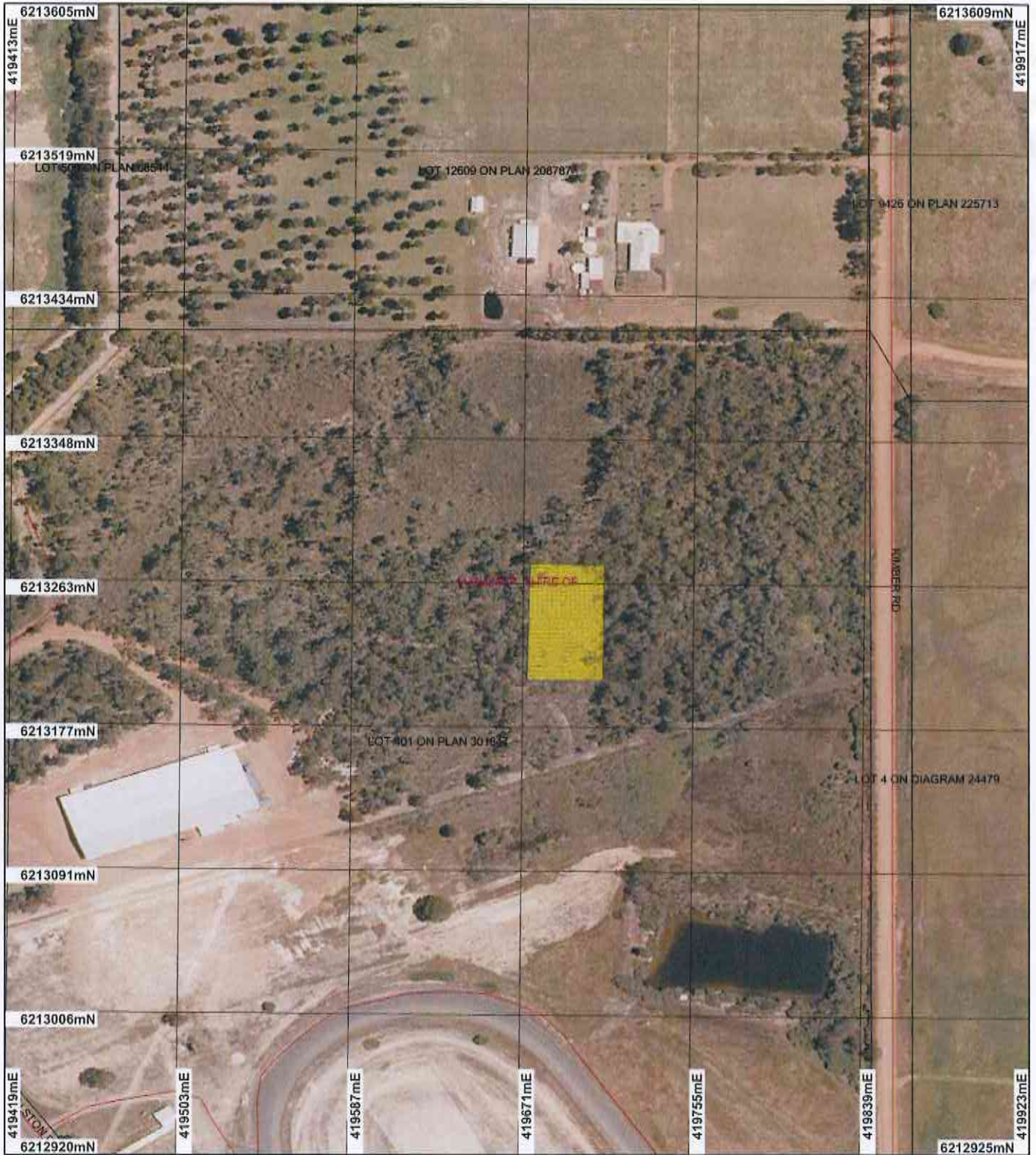
MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

Officer delegated under Section 20
of the Environmental Protection Act 1986

31 October 2013

Plan 5790/1



LEGEND

- Cadastre
- Local Government Authorities
- Road Centrelines

- Clearing Instruments**
- Areas Approved to Clear
- Manjimup 50cm Orthomosaic - Landgate 2007



Scale 1:3000

(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 Date 31/10/13

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.



Government of Western Australia
Department of Environment Regulation

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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 5790/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Manjimup

1.3. Property details

Property: LOT 401 ON PLAN 301847 (House No. 16 RALSTON RINGBARK 6258)
Local Government Area: Shire of Manjimup
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.24		Mechanical Removal	Dam construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 31 October 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
Beard Vegetation Association: 3 - Medium forest; jarrah-marri (Shepherd et al. 2001).	The application is to clear up to 0.24 hectares of native vegetation within Lot 401 on Deposited Plan 301847, Ringbark, for the purpose of dam construction, within the Shire of Manjimup.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation description and condition were determined through aerial imagery (Manjimup 50cm Orthomosaic - Landgate 2007).
Mattiske Vegetation Complex: Yornup (YR) - Mosaic of open woodland of Eucalyptus marginata subsp. marginata-Corymbia calophylla, open woodland of Melaleuca cuticularis, open woodland of Melaleuca preissiana-Banksia littoralis-Banksia seminuda, tall shrubland of Myrtaceae spp. and sedgelands on broad depressions in humid and subhumid zones (Mattiske and Havel 1998).			

3. Assessment of application against clearing principles

Comments

The application is to clear up to 0.24 hectares of native vegetation within Lot 401 on Deposited Plan 301847, Ringbark, for the purpose of dam construction, within the Shire of Manjimup. The vegetation appears to have been subject to historical clearing and is almost entirely devoid of trees.

There are several rare and priority flora species recorded within the local area (10 kilometre radius), however, the area under application is small (0.24 hectares) and in a predominately degraded (Keighery 1994) condition. Therefore the application area is not likely to contain suitable habitat for these species.

There are no priority or threatened ecological communities within the local area (10 kilometre radius). The vegetation to be cleared is well represented in the local area (45 percent), and therefore would not have a detrimental impact on fauna habitat or consist of an area of high biodiversity. Given the clearing consists of 0.24 hectares it is unlikely for the proposed clearing to impact on nearby conservation areas, cause or exacerbate land degradation or flooding or impact on water quality.

The disturbance caused by the proposed clearing will increase the risk of weeds being introduced into the adjacent vegetation. Weed management practices will assist in mitigating this risk.

The assessment of the application identified that the clearing is not likely to be at variance to any of the clearing principles.

Methodology References:
Keighery 1994
GIS Databases:
- Hydrography, Linear
- Manjimup 50cm Orthomosaic - Landgate 2007
- SAC Biodatasets

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

Comments

The application area is located within the Donnelly River Surface Water Area covered by the Rights in Water and Irrigation Act 1914 (RIWI Act) and a Priority Not Assigned Donnelly River Water Reserve, which is a Public Drinking Water Source Area. The Department of Water (DoW) has advised that as no streamlines would feed into the proposed dam, there are no requirements under the RIWI Act despite the proposed clearing being located within a proclaimed area (DoW 2013). DoW has advised that the proposed clearing could impact on water quality as the clearing would expose the soil to erosion and associated turbidity, however this impact is likely to be limited as the area is surrounded by remnant vegetation and the topography of the land would limit erosion (DoW 2013).

No public submissions have been received in relation to this application.

Methodology References:
DoW 2013
GIS Databases:
- PDWSA
- RIWI Act areas

4. References

- DoW (2013) Advice received for Clearing Permit Application CPS 5790/1. Received 2/10/2013. Department of Water, Western Australia. DER REF: A679925.
- 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.

5. Glossary

Term	Meaning
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community