



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5708/1
File Number: 2011/006829-1
Duration of Permit: From 26 October 2013 to 26 October 2018

PERMIT HOLDER

Shire of Cranbrook

LAND ON WHICH CLEARING IS TO BE DONE

Lot 72 on Deposited Plan 182116 (FRANKLAND RIVER 6396)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.39 hectares of native vegetation within the area hatched yellow on attached Plan 5708/1.

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.

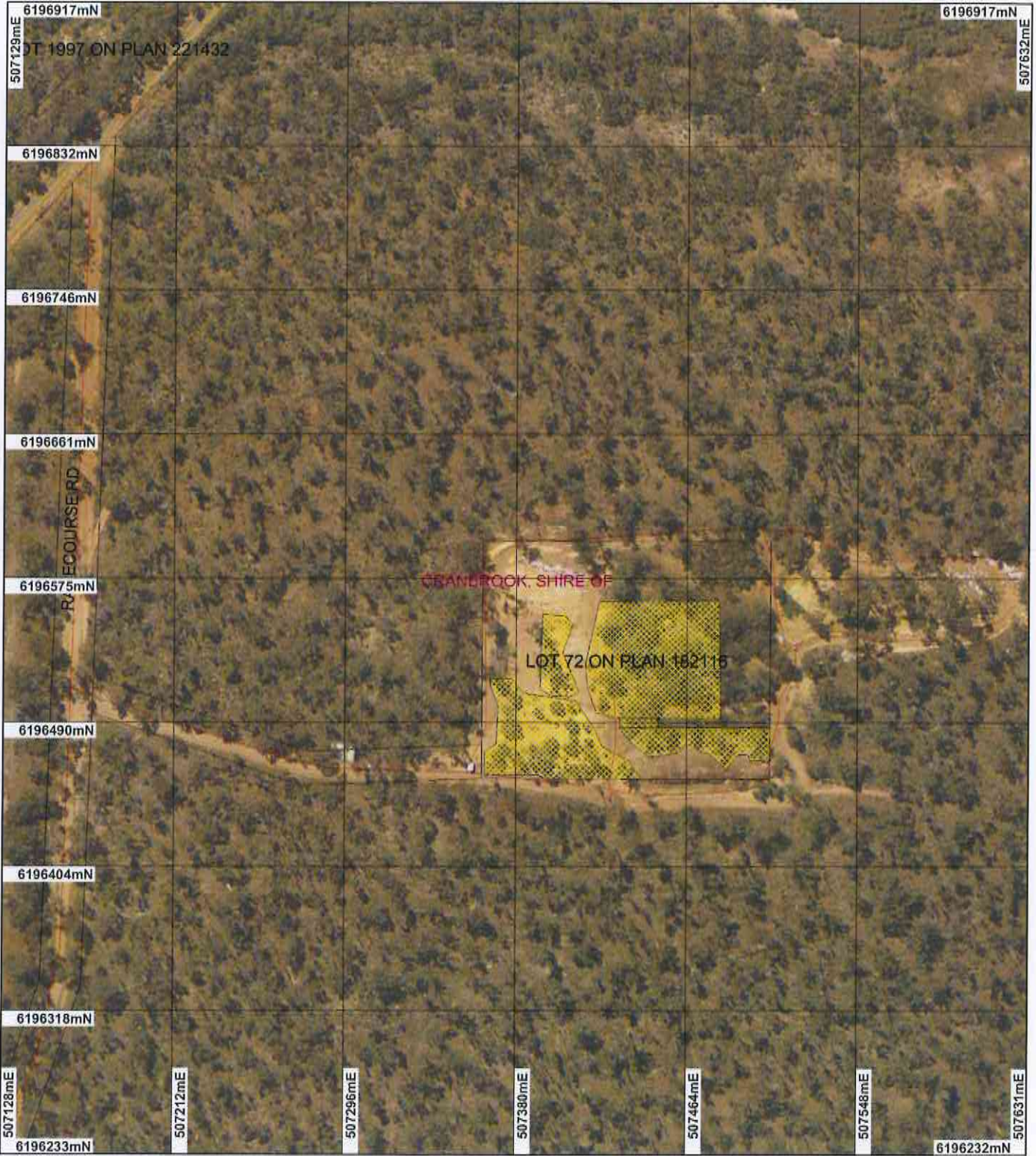
A handwritten signature in black ink, appearing to read "M Warnock".

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

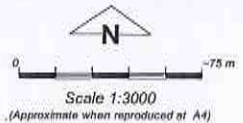
26 September 2013

Plan 5708/1



LEGEND

- | | |
|-----------------------------|---|
| Clearing Instruments | Cadastre for labelling |
| Areas Approved to Clear | Local Government Authorities |
| Road Centrelines | Frankland 50cm Orthomosaic - Landgate 2010 |
| Cadastre | |



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 *26/9/13*
 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

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 5708/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Cranbrook

1.3. Property details

Property: LOT 72 ON DEPOSITED PLAN 182116 (FRANKLAND RIVER 6396)
Local Government Area: Shire of Cranbrook

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.39		Mechanical Removal	Infrastructure Maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 26 September 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 4 is described as medium woodland; marri and wandoo (Shepherd et al 2001).	The clearing of 0.39 hectares of native vegetation within Lot 72 on Deposited Plan 182116, Frankland River, Shire of Cranbrook, is for the purpose of constructing the Frankland River waste transfer station and landfill facility.	Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	<p>The application is to clear 0.39 hectares of native vegetation for the purpose of constructing a waste transfer station and landfill facility.</p> <p>The vegetation consists of scattered trees with limited understorey and is in a degraded (Keighery 1994) condition.</p> <p>The description and condition of the vegetation was determined using aerial imagery (Frankland 50cm Orthomosaic - Landgate 2010).</p>

3. Assessment of application against clearing principles

Comments

The application is to clear 0.39 hectares of native vegetation for the purpose of constructing a waste transfer station and landfill facility.

The vegetation consists of scattered trees with limited understorey and is in a degraded (Keighery 1994) condition. The area under application has been subject to disturbance from the operation of an existing waste management facility. The application area and current waste management facility is within a vegetation remnant of approximately 370 hectares, in very good to excellent (Keighery 1994) condition.

No priority flora or ecological communities of conservation significance have been mapped within the local area (10 kilometre radius). Given the small size (0.39 hectares), degraded (Keighery 1994) condition, and the availability of vegetation within the local area in much better condition, the area under application is unlikely to contain high biodiversity values or significant fauna habitat. Although the Shire of Cranbrook has been extensively cleared with 38 per cent of the original vegetation extent remaining (Government of Western Australia 2013), the area under application is not likely to be significant as a remnant.

There are no conservation areas in close proximity, the closest is 12 kilometres away, and the proposed clearing is unlikely to provide an ecological linkage or stepping stone function.

The proposed clearing activities and subsequent land use may pose a risk of spreading weeds and dieback into the surrounding vegetation remnant. Weed and dieback management measures will assist in mitigating

this risk.

Two species of rare flora have been mapped within the local area, 400 metres and 650 metres from the area under application. Both species favour riparian habitats (Western Australian Herbarium 1998) and have been mapped growing in association with nearby watercourses. The area under application does not support suitable habitat therefore it is unlikely to contain rare flora.

The Frankland River occurs 4 kilometres to the west of the application area and there are numerous tributaries throughout the local area, the closest to the application area are 400 metres and 600 metres away. The proposed clearing does not include any riparian vegetation and is unlikely to impact on nearby watercourses.

Given the small size and degraded (Keighery 1994) condition it is unlikely for the proposed clearing to cause or exacerbate land degradation or flooding, or impact on water quality.

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

Methodology

References:

- Government of Western Australia (2013)
- Keighery (1994)
- Western Australian Herbarium (1998)

GIS Databases:

- DEC tenure
- Hydrography, linear DOW
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation
- SAC Biodatasets - accessed August 2013

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

Comments

The application is to clear 0.39 hectares of native vegetation for the purpose of constructing a waste transfer station and landfill facility.

No public submissions have been received.

The Department of Parks and Wildlife Wheatbelt Region advised that it has no objection to the proposed clearing (DPaW 2013).

The area under application is zoned 'public purposes' under the Town Planning Scheme Zones.

The area under application does not occur within any Aboriginal Sites of Significance however it occurs within 40 metres of the Yeriminup/Frankland hunting and camping area and 380 metres from the Frankland River Aboriginal Site of Significance. It is the Shire of Cranbrook's responsibility to ensure compliance with any obligations under the Aboriginal Heritage Act 1972.

A Works Approval application has been submitted to the Department of Environment Regulation's Industry Regulation South Coast Region and is currently being processed.

Methodology

References:

- DPaW (2013)

GIS Databases:

- Aboriginal Sites of Significance
- Town Planning Scheme Zones

4. References

- DPaW (2013) Advice regarding Clearing Permit Application CPS 5708/1, Department of Parks and Wildlife Wheatbelt Region, provided on 23 September 2013 (DER Ref: A676806).
- Government of Western Australia. (2013). 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. 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.
- 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.
- Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Environment and Conservation. <http://florabase.dec.wa.gov.au/> (Accessed August 2013).

5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation (now DER)
DEP	Department of Environmental Protection
DER	Department of Environment Regulation (formerly 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