



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5516 / 1

File Number: 2013/001179

Duration of Permit: From 14 June 2013 to 14 June 2015

PERMIT HOLDER

Brian Robert Linaker

Glyniss Elaine Linaker

LAND ON WHICH CLEARING IS TO BE DONE

Lot 102 on Deposited Plan 70352 (DAVENPORT 6230)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.09 hectares of native vegetation within the area cross hatched yellow on attached Plan 5516/1.

CONDITIONS

Nil.

A handwritten signature in blue ink, appearing to read 'M. Warnock', written over a horizontal line.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

23 May 2013

Plan 5516/1



LEGEND

- Local Government Authorities
- Cadastre for labelling
- Road Centrelines

- Clearing Instruments
- Areas Approved to Clear
- Bunbury 50cm Orthomosaic - Landgate 2008



Scale 1:1500
(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 23/5/13

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.



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 5516/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Brian Robert and Glyniss Elaine Linaker

1.3. Property details

Property: LOT 102 ON PLAN 70352 (House No. 3 BARNARD DAVENPORT 6230)
Local Government Area: City of Bunbury
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.09		Mechanical Removal	Building or Structure

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 23 May 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
The vegetation under application is mapped as: Beard vegetation association: 998: as Medium woodland; tuart (Shepherd et al., 2001). Hedde vegetation complex: Yoongarillup Complex: Woodland to tall woodland of Eucalyptus gomphocephala (Tuart) with Agonis flexuosa in the second storey. Less consistently an open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) (Hedde et al 1980).	The proposed clearing of 0.09 hectares within Lot 102 on Deposited Plan 70352 is for the purpose of a hardstand area extension. The vegetation proposed to be cleared consists of predominantly of Eucalyptus marginata, Corymbia calophylla overstorey over Acacia longifolia and other small shrubs (DEC 2013). The vegetation under application is in degraded (Keighery 1994) condition surrounded by industrial land and located directly north of Brittain Road.	Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).	The vegetation condition and description was determined from aerial photography supplied by the applicant (Linaker and Linaker, 2013) and site inspection of the adjacent area conducted for a separate clearing permit application on 4 October 2012 (DEC, 2012).

3. Assessment of application against clearing principles

Comments

The application is to clear up to 0.09 hectares of native vegetation for the purpose of extending a hardstand area and is unlikely to have any significant environmental impacts. The local area (10 kilometre radius) is approximately 50 percent vegetated and the mapped vegetation types are well represented (Government of Western Australia, 2013; Shepherd 2007).

Numerous priority flora species occur within a 10 kilometre radius on similar soil and vegetation types as the applied area. The area under application is small (0.09 hectares) and in a degraded (Keighery 1994) condition. Therefore the proposed clearing is not likely to consist of habitat for these species nor contain a high level of biodiversity.

Western ringtail possums (*Pseudocheirus occidentalis* - threatened under the Wildlife Conservation Act 1950 and vulnerable under the Environmental Protection and Biodiversity Conservation Act 1999) have been recorded in the adjacent property which has since been cleared (DEC, 2012). Peppermint (*Agonis flexuosa*), jarrah (*Eucalyptus marginata*) and marri (*Corymbia calophylla*) are the main food source for western ringtail possums (Perth Zoo, 2012) and hence it is considered likely that the application area may contain suitable habitat for western ringtail possums. However given the small size of the clearing (0.09 hectares) and that it is surrounded by an industrial area, the application area is unlikely to contain significant habitat for this species.

There are several wetlands located around the application area, the nearest is a conservation wetland approximately 180 metres north of the application area and the nearest mapped watercourse is a drain situated approximately 45 metres south of the application area. Due to the small size of the application area (0.09 hectares), the proposed clearing is unlikely to result in significant impacts to water quality. It is also unlikely to increase the incidence or intensity of flooding or cause appreciable land degradation.

The proposed clearing is not within or adjacent to a National Park, Nature Reserve or Bush Forever site. Hence, the application area is unlikely to impact on conservation areas.

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

Methodology

References:

- DEC (2012)
- Keighery (1994)
- Government of Western Australia (2013)
- Perth Zoo (2012-)
- Shepherd (2007)

GIS databases:

- Bunbury 50cm Orthomosaic - Landgate 2008
- DEC Managed Lands
- Hedde Vegetation Complexes
- Hydrography, linear
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation -
- SAC Bio datasets (Accessed 07 March 2013)

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

Comments

The proposed clearing of 0.09 hectares is for the purpose of extending an existing hardstand area.

City of Bunbury granted planning approval for the extension of the gravel hardstand area and fencing, subject to conditions, on 26 April 2013 (City of Bunbury, 2013).

The area under application is zoned industrial under the Greater Bunbury Regional Scheme and the Local Town Planning Scheme.

No submissions from the public have been received.

There are no Aboriginal Sites of Significance mapped within the application area.

Methodology

References

- City of Bunbury (2013)

GIS databases:

- Aboriginal site of significance
- Greater Bunbury Regional Scheme
- Town Planning Scheme Zones

4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5213/1, Lot 101 on Plan 70352, Davenport. Department of Environment and Conservation, Western Australia. DEC Ref. A613164.
- 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.
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Linaker, B. R., and Linaker, G. E. (2013) CPS 5516/1 Application form and supporting documents for clearing application. Lot 102 on Deposited Plan 70352, Barnard Street, Davenport. DEC Ref. A605347.
- Perth Zoo (2012-) Western Ringtail Possum (*Pseudocheirus occidentalis*) Australian Animals. The Government of Western Australia. URL: <http://www.perthzoo.wa.gov.au/animals-plants/australia/nocturnal-house/western-ringtail-possum/>. Accessed 16/04/2013.
- 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.
- 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
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)