



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5993/1
File Number: DER2014/000445-1
Duration of Permit: 19 April 2014 to 19 April 2016

PERMIT HOLDER

Michael Joseph MacAdams
Isabelle Mary Theresa MacAdams

LAND ON WHICH CLEARING IS TO BE DONE

Lot 4 on Plan 22847, Gnangara

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.16 hectares of native vegetation within the area hatched yellow on attached Plan 5993/1.

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) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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;

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 a Department of Parks and Wildlife Regional Weed Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

A handwritten signature in cursive script, 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*

20 March 2014

CPS 5993/1



LEGEND

- Road Centrelines
- Local Government Authorities
- Towns**
- A
- (cont)

- B
- C
- Cadastre for labelling
- Clearing Instruments
- Areas Approved to Clear

Perth Metropolitan Central
15cm Orthomosaic - Landgate
2011



Scale 1:2000
(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 20/3/14
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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* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 5993/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Michael Joseph and Isabelle Mary Theresa MacAdams

1.3. Property details

Property: LOT 4 ON PLAN 22847 (House No. 133 PINE CREST GNANGARA 6077)
Local Government Area: City of Wanneroo
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 20 March 2014

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 949: Low woodland; banksia (Shepherd et al, 2001).	The clearing of 0.16 hectares of native vegetation is for the purpose of extending an existing building envelope for recreational use.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation condition was determined by Arial imagery (Perth Metropolitan Central 15cm Orthomosaic - Landgate, 2011).
Hedde Vegetation Association: Bassendean North Transition Vegetation complex: A transition complex of low open forest and low woodland of Banksia species - Eucalyptus todtiana (Pricklybark) on a series of high sand dunes. The understorey species reflect similarities with both the Bassendean-North and Karrakatta-North vegetation complexes (Hedde et al, 1980).			

3. Assessment of application against clearing principles

Comments

The application is for the proposed clearing of 0.16 hectares of native vegetation within Lot 4 on Plan 22847, Gnangara, for the purpose of extending the existing building envelope for recreational use. The vegetation is in a degraded to good (Keighery, 1994) condition.

There are five priority flora species mapped within a 10 kilometre radius of the application area. Given the distance of the closest priority flora from the application area, and the species being commonly found along lake margins and in a different soil type, it is not likely that these species would be found within the application area due to there being no watercourses present.

Given the small size of the proposed clearing area (0.16 hectares), it is unlikely the area will contain significant fauna habitat. The application area is surrounded by a large remnant of vegetation that is in good condition that could provide potential fauna habitat.

Due to distance of the rare flora recorded from the site (6.8 kilometres) and the different vegetation types, it is unlikely that rare flora will be present within the application area.

The closest threatened ecological community (TEC) to the application area is located 3.5 kilometres south east of the application area and is described as "Banksia attenuata woodland over species rich dense shrublands". Given the distance to this TEC it is unlikely that the area under application is necessary for the continued existence of this community.

The application area is approximately 400 metres from the nearest mapped watercourse and therefore is not likely to contain riparian vegetation.

Given the small size of the application area, it is unlikely that the proposed clearing will be significant as a remnant of native vegetation, cause or exacerbate land degradation or flooding, or impact upon water quality.

The application area is mapped within Bush Forever site 326 - Hawkins Road Bushland, Jandabump/Gnangara. The disturbance caused by the proposed clearing, will increase the risk of weeds and dieback being spread into this Bush Forever site. Weed and dieback management practices will assist in mitigating this risk.

The assessment of the proposed clearing identified that the clearing may be at variance to principle (h) and is not likely to be at variance to the remaining clearing principles.

Methodology

References

- Keighery (1994)

GIS Databases

- DEC tenure
- Hydrography, linear DOW
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation

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

Comments

The application is to clear 0.16 hectares of native vegetation for the purpose of extending the existing building envelope for recreational use.

The application area falls within a Wanneroo Groundwater Area. The Department of Water has been notified of this and wish to provide no comment.

No aboriginal sites of significance have been mapped over the application area.

Under the Town Planning Scheme Zone, the application area is zoned as 'general rural'.

A submission (2014) was received and concerns were raised regarding the threat to biodiversity, fauna habitat and the impact clearing would have on threatened ecological communities within the Bush Forever site. These concerns have been addressed in the assessment above.

Methodology

GIS Databases

- Aboriginal Sites of Significance
- Town Planning Scheme Zones

4. References

- 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.
- 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.
- Submission (2014) Submission for CPS 5993/1. Western Australia. (DER Ref: A735002).