



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5137 / 1

File Number: 2012/004588-1

Duration of Permit: From 7 September 2012 to 7 September 2014

PERMIT HOLDER

John Moorhead Smithin

Judith Marie Smithin

LAND ON WHICH CLEARING IS TO BE DONE

LOT 6 ON DIAGRAM 87201 (GLENORAN 6258)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 25 native trees within the area hatched yellow on attached Plan 5137/1.

CONDITIONS

1. 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *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:

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; and

weed/s means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock

A/MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

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

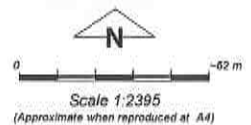
16 August 2012

Plan 5137/1



LEGEND

- | | |
|---|---|
| <p>Clearing Instruments</p> <ul style="list-style-type: none"> Areas Approved to Clear Road Centrelines Cadastre | <p>Cadastre for labelling</p> <p>Donnelly 50cm Orthomosaic - Landgate 2007</p> |
|---|---|



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 16/8/12

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.: 5137/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: John Moorhead and Judith Marie Smithin

1.3. Property details

Property: LOT 6 ON DIAGRAM 87201 (House No. 2037 GRAPHITE GLENORAN 6258)
LOT 6 ON DIAGRAM 87201 (House No. 2037 GRAPHITE GLENORAN 6258)

Local Government Area:

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	25	Mechanical Removal	Hazard reduction or fire control

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 16 August 2012

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
<p>The vegetation under application is mapped as:</p> <p>Beard vegetation association: 1144: Tall forest; karri & marri (Corymbia calophylla). It is a closed canopy forest, with a middle storey comprised of <i>Trymalium floribundum</i>, and some non-native <i>Pteridium aquilinum</i> in the understorey. (Hopkins et al 2001; Shepherd 2009).</p>	<p>The application is to clear up to 25 native trees on Lot 6 Diagram 87201, Glenoran, for the purpose of fire risk and hazard reduction around buildings. The applicant has stated the intention to remove mainly the taller trees posing a hazard and let the smaller trees and undergrowth remain. The vegetation in the application area consist of closed Karri and Marri woodland over Bracken fern and <i>Hovea</i> sp and <i>Trymalium floribundum</i> in a very good (Keighery 1994) condition (DEC 2012).</p>	<p>Excellent; Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)</p>	<p>Vegetation condition determined using aerial imagery (Donnelly 50cm Orthomosaic - Landgate 2007) and a site inspection undertaken by DEC officers on 30 July 2012 (DEC, 2012).</p>

3. Assessment of application against clearing principles

Comments

The application is to clear up to 25 native Karri (*Eucalyptus diversicolor*) and Marri (*Corymbia calophylla*) trees for the purpose of fire risk and hazard reduction.

There are no rare or priority flora or ecological communities mapped within a 5km radius of the area under application and the mapped vegetation type is well represented in the local area.

Although the application site is mapped within potential breeding/feeding areas for Baudin's Cockatoo (*Calyptorhynchus baudinii*) and Western Ringtail Possum (*Pseudocheirus occidentalis*), a site inspection (DEC, 2012) determined that the trees to be removed do not have well developed hollows, are unsuitable habitat for cockatoo nesting and there has been no evidence of possum inhabitation. Therefore, the proposed clearing is unlikely to affect significant habitat suitable for fauna of conservation significance.

The Donnelly River (major perennial water course) is located approximately 45 metres to the west of the application area. The area in between is well vegetated and due to the nature of the applied clearing it is unlikely that it will impact upon water quality or any associated riparian vegetation.

The adjacent property (to the west) is an un-named reserve vested with the Conservation Commission and is within 15 metres of the application area. The proposed clearing is not considered to impact this conservation area given its small size.

Flooding, salinity, erosion and land degradation are also unlikely to occur due to the proposed clearing, given its small size.

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

- Methodology**
- References**
- DEC (2012)
- GIS databases:**
- Carnabys Cockatoo Breeding Areas Confirmed
 - Clearing Regulations - Environmentally Sensitive Areas
 - Donnelly 50cm Orthomosaic - Landgate 2007
 - Groundwater Salinity, statewide - DoW
 - Hydrography, linear DOW
 - Pre-European vegetation - DA
 - Ringtailed Possum Areas -
 - SAC Biodatasets (accessed July 2012)
 - DEC tenure

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

Comments

The application is to clear up to 25 native Karri and Marri trees for the purpose of fire risk and hazard reduction

The application area is within the Donnelly River Water Reserve (a Public Drinking Water Supply Area - priority not assigned). It is also within the Donnelly River Surface Water area, under the Rights in Water and Irrigation Act 1914.

Department of water (2012) has advised that they have no objection to the proposed clearing.

The site is classified as a 'tourist enterprise' under the Town Planning Scheme Zones.

- Methodology**
- References**
- DoW (2012)
- GIS databases:**
- Town Planning Scheme Zones - 25/07/2012
 - Public Drinking Water Source Areas (PDWSA's) - 25/07/2012

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 25/07/2012
- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5137/1, Lot 6 on Diagram 87201 (Glenoran). Site inspection undertaken 26/07/2012. Department of Environment and Conservation, Western Australia (DEC Ref: A528896).
- Department of Water (2012) Advice regarding CPS 5137/1 (DEC Ref: A525962)
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). 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.

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)