



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5368/1

File Number: 2012/007863

Duration of Permit: From 11 January 2013 to 11 January 2015

PERMIT HOLDER

Adam Kristopher James

Nadia Gastevski

LAND ON WHICH CLEARING IS TO BE DONE

Lot 19 on Plan 7122, Wanneroo.

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 1.91 hectares of native vegetation within the area hatched yellow on attached Plan 5368/1.

CONDITIONS

Nil

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

M Warnock

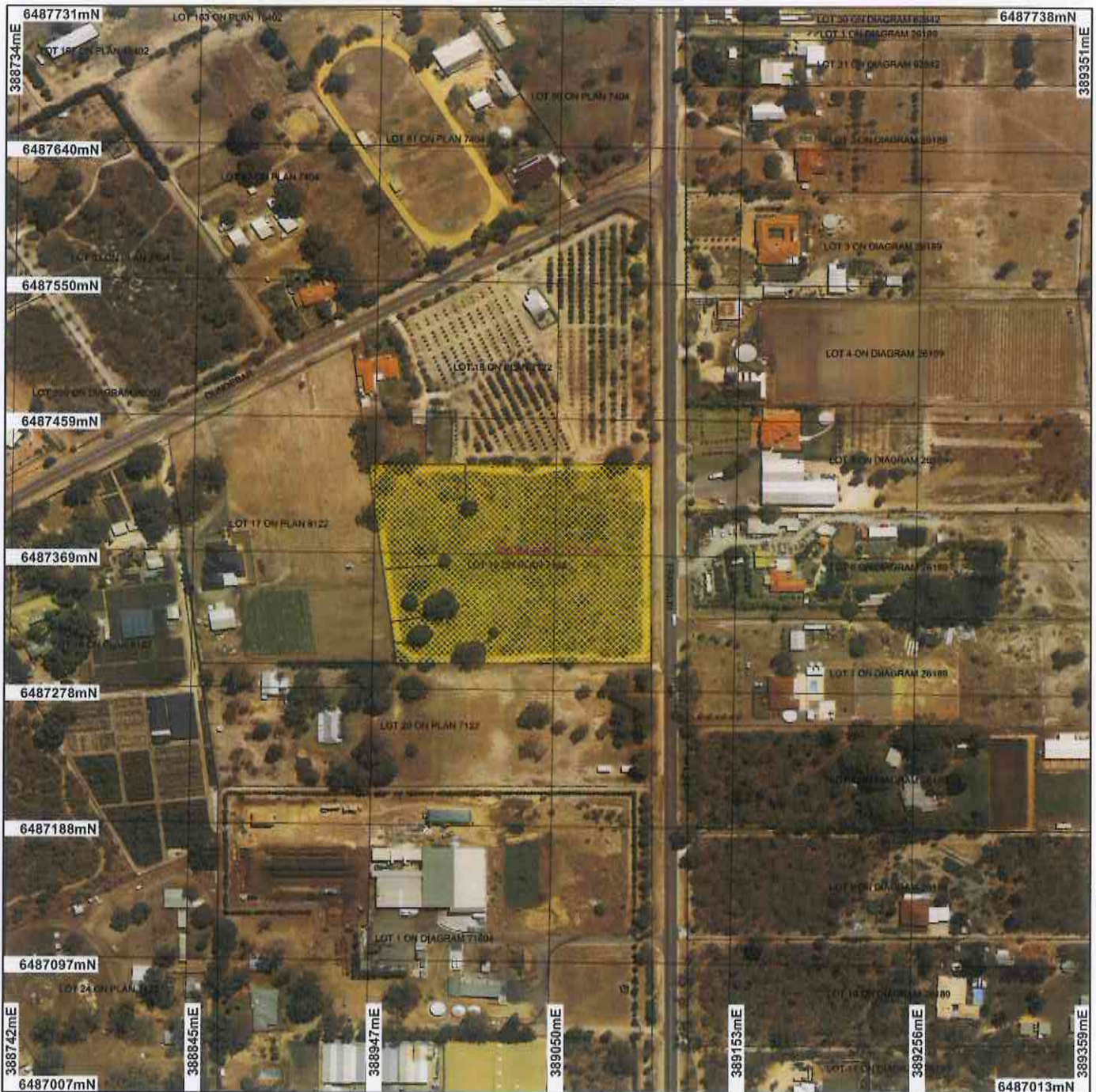
A/MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

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

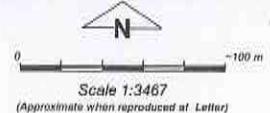
20 December 2012

Plan 5368/1



LEGEND

- | | | |
|--|---|---|
| <input type="checkbox"/> Local Government Authorities | <input type="checkbox"/> Crown Lease | <input checked="" type="checkbox"/> Road Centrelines |
| <input type="checkbox"/> Cadastre | <input type="checkbox"/> Lease / Reserve | <input checked="" type="checkbox"/> Perth Metropolitan Central |
| <input type="checkbox"/> Freehold | <input type="checkbox"/> Lease on State Forest / Timber Reserve | <input checked="" type="checkbox"/> 15cm Orthomosaic - Landgate |
| <input type="checkbox"/> Crown Reserve | <input type="checkbox"/> Public Roads | <input checked="" type="checkbox"/> 2011 |
| <input type="checkbox"/> State Forest / Timber Reserve | <input type="checkbox"/> Unallocated Crown Land | <input checked="" type="checkbox"/> Clearing Instruments |
| <input type="checkbox"/> Marine Park (cont) | <input type="checkbox"/> Water | <input checked="" type="checkbox"/> Area Approved to Clear |



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: 20/12/12
M. Warnock

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



* Project Data. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 5368/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Adam Kristopher and Nadia James

1.3. Property details

Property: LOT 19 ON PLAN 7122 (House No. 163 FRANKLIN WANNEROO 6065)
Local Government Area: City of Wanneroo

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 20 December 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
Mapped Beard Vegetation Association 6 is described as Medium woodland consisting of tuart & jarrah (Shepherd et al, 2001).	This application proposes to clear up to 1.91 hectares of native vegetation within Lot 19 on Plan 7122, Wanneroo, for the purpose of the construction and maintenance of a horse stable, paddocks and an equestrian arena.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation was obtained through a site inspection (DEC, 2012).
Mapped Heddle Vegetation Karrakatta Complex-Central and South consists of predominantly open forest of Eucalyptus gomphocephala (Tuart), Eucalyptus marginata (Jarrah), Corymbia calophylla (Marri) and woodland of Eucalyptus marginata (Jarrah) and Banksia species (Heddle et al, 1980).	Vegetation within the application area consists of several Eucalyptus gomphocephala, with a sparse middle storey of Hakea species, Jacksonia furcellata, Macrozamia riedlei and Daviesia species. Weeds were the dominant groundcover on site (DEC, 2012).		

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**
This application proposes to clear up to 1.91 hectares of native vegetation within Lot 19 on Plan 7122, Wanneroo, for the purpose of the construction and maintenance of a horse stable, paddocks and an equestrian arena. The vegetation is in a degraded (Keighery, 1994) condition.

The vegetation under application is almost completely devoid of upper storey species with the exception of several Eucalyptus gomphocephala within the western portion of the application area. Middle storey species are sparse in most parts, with a distinctive cluster of Hakea species and Jacksonia furcellata occurring towards the centre of the application area. Other middle storey species include scattered Macrozamia riedlei and Daviesia species. Weeds have significantly infested the application area and are the dominant groundcover (DEC, 2012).

Given the degraded (Keighery, 1994) condition of the vegetation under application it is unlikely to provide significant habitat for indigenous fauna.

There are several rare and priority flora species mapped within the local area (10 kilometre radius) on similar soil and vegetation types to the application area, however, as there is a high density of weeds on site, it is not likely for the proposed clearing to include suitable habitat for these species.

There is approximately 35 percent of pre-European vegetation remaining in the local area. Due to the small size and degraded (Keighery, 1994) condition of the vegetation under application it is not likely to represent a significant remnant.

There are no conservation areas within the vicinity of the application area, therefore it is unlikely the proposed clearing will impact upon the environmental values of any conservation areas.

There are no wetlands or watercourses within the application area, therefore the proposed clearing is not likely to cause appreciable land degradation, impact water quality or cause or exacerbate the intensity of flooding.

The proposed clearing is not likely to be at variance to any of the clearing Principles.

Methodology References:
-DEC (2012)
-Keighery (1994)

GIS Databases:
-SAC BIO Datasets (Accessed December 2012)
-NLWRA, pre-European Vegetation Remaining
-Hydrography, linear

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

Comments

No submissions from the public have been received for the proposed clearing.

The application area is zoned 'rural resource' under the town planning scheme.

The proposed clearing falls within the Wanneroo Groundwater area which is an area proclaimed under the Rights in Water and Irrigation Act 1914. The proponent has obtained a licence from the Department of Water to take up to 10,000 kilolitres of groundwater annually (DoW, 2012).

Planning Approval has been granted by the City of Wanneroo for Stables and Equestrian Activities (City of Wanneroo, 2012a).

The City of Wanneroo has advised that several large *Eucalyptus gomphocephala* within Lot 19 are to be retained, a minimum of ten native trees suitable for Carnaby's Cockatoo habitat be planted and maintained and all native trees on site are to be suitably fenced and protected from grazing, as per the conditions of the Planning Approval (City of Wanneroo, 2012b).

The *Eucalyptus gomphocephala* to be retained under the Planning Approval have been excluded from the application area.

Methodology References:
- City of Wanneroo (2012a)
- City of Wanneroo (2012b)
- DoW (2012)

GIS Databases:
-Town Planning Scheme Zones

4. References

- City of Wanneroo (2012a) Planning Approval subject to conditions. Additional Information for CPS 5368/1. DEC Ref: A571088
City of Wanneroo (2012b) Direct Interest Submission for Clearing Application CPS5368/1. DEC Ref: A577812
DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5368/1. Site inspection undertaken 10/12/2012. Department of Environment and Conservation, Western Australia. DEC Ref A580266
DoW (2012) Direct Interest Submission for Clearing Application CPS5368/1. DEC Ref: A578445
Heddie, 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.

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)