



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5544/1
File Number: 2011/006888-1
Duration of Permit: From 10 May 2013 to 10 May 2015

PERMIT HOLDER

Shire of Plantagenet

LAND ON WHICH CLEARING IS TO BE DONE

Lot 149 on Deposited Plan 63264, Mount Barker

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.7 hectares of native vegetation within the area shaded yellow on attached Plan 5544/1.

CONDITIONS

Nil.

A handwritten signature in black 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*

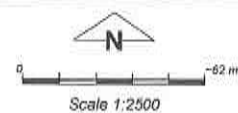
18 April 2013

Plan 5544/1



LEGEND

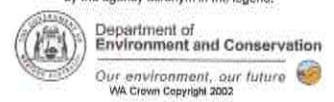
- Mount Barker 50cm Orthomosaic - Landgate 2007
- Road Centrelines
- Local Government Authorities
- Cadastre
- Clearing Instruments
- Areas Approved to Clear



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 12/4/13
M Warnock

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





1. Application details

1.1. Permit application details

Permit application No.: 5544/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Plantagenet

1.3. Property details

Property: LOT 149 ON PLAN 63264 (Lot No. 149 MCDONALD MOUNT BARKER 6324)
Local Government Area: Shire of Plantagenet
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 18 April 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
Beard Vegetation Association: 3 - Medium forest; Jarrah-Marri (Shepherd et al. 2001).	The application is to clear up to 0.7 hectares of native vegetation within Lot 149 on Deposited Plan 63264, Mount Barker, for the purpose of developing a sporting facility, landscaping and constructing a wetland.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).	Vegetation description and condition were determined through aerial imagery (Mount Barker 50cm Orthomosaic - Landgate 2007) and information provided by the applicant (Shire of Plantagenet 2013).
Mattiske Vegetation Complex: Perillup - Open forest to woodland of <i>Corymbia calophylla</i> - <i>Eucalyptus marginata</i> subsp. <i>marginata</i> on low undulating hills and woodland of <i>Melaleuca preissiana</i> on depressions in humid to semiarid zones (Mattiske and Havel 1998).	The majority of the application area consists of a parkland cleared area with <i>Eucalyptus occidentalis</i> (Flat Top Yate), <i>Eucalyptus cornuta</i> (Yate), <i>Melaleuca</i> sp. and <i>Corymbia calophylla</i> (Marri). A smaller section of the application area consists of denser shrubs, in particular <i>Eucalyptus conferruminata</i> (Bald Island Marlock) and the non-native <i>Acacia longifolia</i> (Sydney Wattle) (Shire of Plantagenet 2013).	To Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994).	

3. Assessment of application against clearing principles

Comments

The application is to clear up to 0.7 hectares of native vegetation within Lot 149 on Deposited Plan 63264, Mount Barker, for the purpose of developing a sporting facility, landscaping and constructing a wetland.

The majority of the application area consists of parkland cleared vegetation with *Eucalyptus occidentalis* (Flat Top Yate), *Eucalyptus cornuta* (Yate), *Melaleuca* sp. and *Corymbia calophylla* (Marri). A smaller section of the application area consists of denser shrubs, in particular *Eucalyptus conferruminata* (Bald Island Marlock) and the non-native *Acacia longifolia* (Sydney Wattle) (Shire of Plantagenet 2013). The vegetation is in degraded to completely degraded (Keighery 1994) condition.

Given the clearing consists of 0.7 hectares in degraded condition, it is unlikely for the proposed clearing to contain significant fauna habitat, impact on nearby conservation areas, cause or exacerbate land degradation or flooding. The application area is not representative of the mapped vegetation associations.

There are several rare and priority flora species recorded on the same soil and vegetation types as the application area within the local area (10 kilometre radius). However, the area under application is small (0.7 hectares) and in degraded condition. Therefore, it is not considered likely for the proposed clearing to include habitat for these species or contain a high level of biodiversity.

Although there are no mapped watercourses or wetlands within the application area, the applicant has advised there is a man-made drain within the application area. The proposed clearing may cause some short term water

quality issues in terms of localised surface water sedimentation, however these issues should be minimal given the small size of the proposed clearing.

The assessment of the application identified that the clearing may be at variance to Principles (f) and (i) and is not likely to be at variance to any of the remaining principles.

Methodology References:
Keighery 1994
Shire of Plantagenet 2013
GIS Databases:
- Hydrography, Linear
- Mattiske Vegetation Complexes
- Pre-European Vegetation
- SAC Biodatasets
- Soils, Statewide

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

Comments

The application is to clear up to 0.7 hectares of native vegetation within Lot 149 on Deposited Plan 63264, Mount Barker, for the purpose of developing a sporting facility.

The project proposal includes the construction of a wetland with planting of native sedges and grasses. The wetland will receive sub-surface drainage from the surrounding areas, which will be filtered prior to use (Shire of Plantagenet 2013). The applicant has advised some revegetation surrounding the sporting facility will occur (Shire of Plantagenet 2013).

The application area is zoned as Public Purpose under the local Town Planning Scheme.

No public submissions have been received in relation to this application.

Methodology References:
Shire of Plantagenet 2013
GIS Databases:
- Town Planning Schemes

4. References

- 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.
- Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment 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.
- Shire of Plantagenet (2013) Clearing Permit Application CPS 5544/1 - Lot 149 on Deposited Plan 63264, Mount Barker. DEC REF: A610639.

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)