



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5597/1

File Number: 2013/002704-1

Duration of Permit: From 20 July 2013 to 20 July 2015

PERMIT HOLDER

Barry James Armstrong

LAND ON WHICH CLEARING IS TO BE DONE

Lot 1378 on Deposited Plan 109816, Balbarrup.

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 40 dead native trees within the area shaded yellow on attached Plan 5597/1.

CONDITIONS

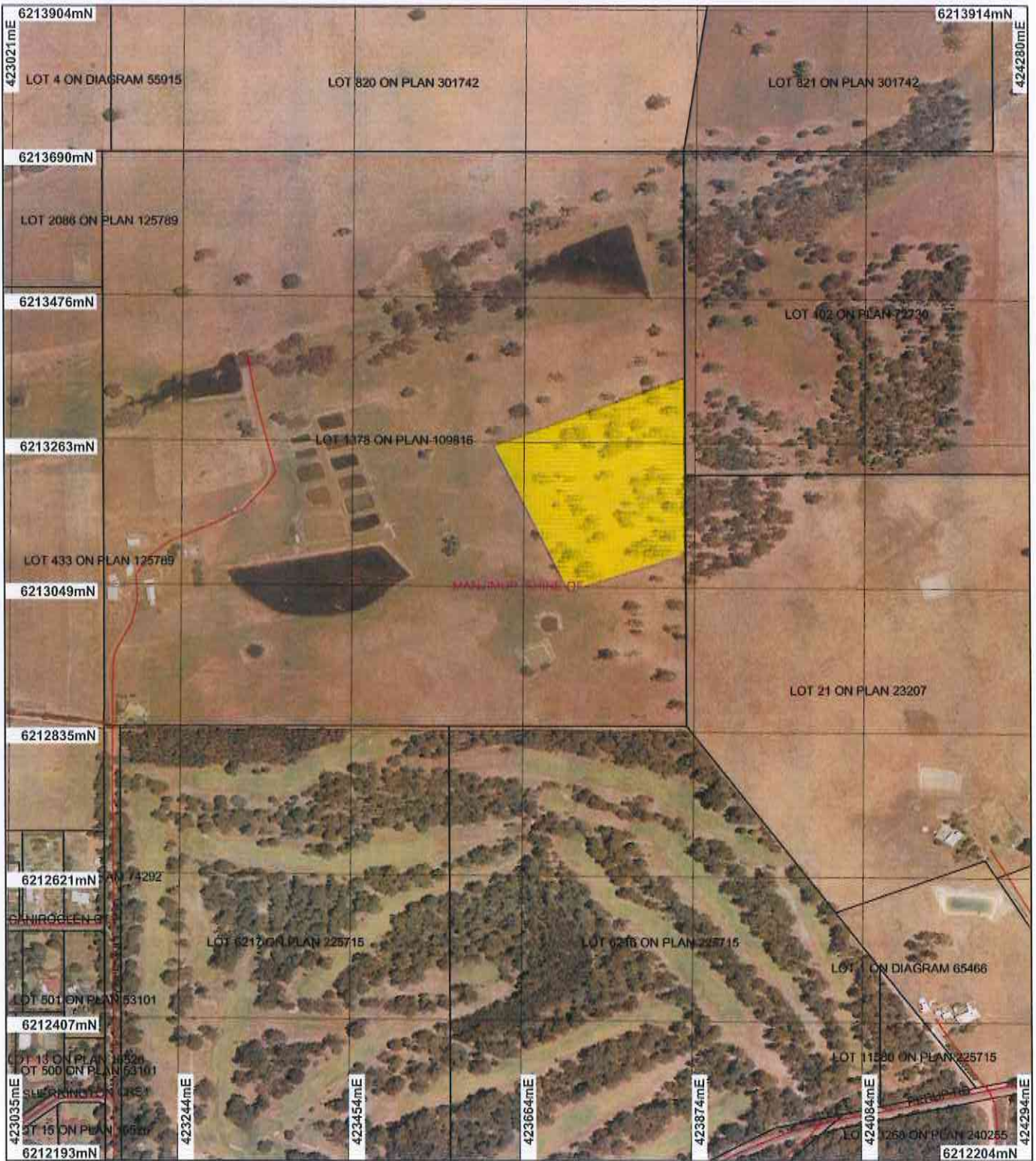
Nil.

M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

20 June 2013

Plan 5597/1



LEGEND

- Cadastral
- Local Government Authorities
- Road Centrelines
- Clearing Instruments
- Area Announced to Clear

Manjimup 50cm Orthomosaic - Landgate 2007



0 200 m

Scale 1:7500

(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.

Manjimup Date *20/6/13*
M Warnock

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



1. Application details

1.1. Permit application details

Permit application No.: 5597/1

Permit type: Area Permit

1.2. Proponent details

Proponent's name: Barry James Armstrong

1.3. Property details

Property: LOT 1378 ON PLAN 109816 (House No. 86 GOLF LINKS BALBARRUP 6258)

Local Government Area: Shire of Manjimup

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
40	40	Mechanical Removal	Grazing & Pasture

1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 20 June 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 40 trees within Lot 1378 on Deposited Plan 109816, Balbarrup, for the purpose of removing dead trees for grazing and pasture.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	Vegetation description and condition were obtained from aerial imagery and a Department of Environment and Conservation (DEC) site inspection (2013).
Mattiske Vegetation Complex: Bevan 1 Complex - Tall open forest of <i>Corymbia calophylla</i> - <i>Eucalyptus marginata</i> subsp. <i>marginata</i> on uplands in perhumid and humid zones (Mattiske & Havel 1998).	The 40 trees proposed to be removed are all dead, with the majority being <i>Eucalyptus marginata</i> (Jarrah) (DEC 2013).		
Mattiske Vegetation Complex: Yanmah Complex - Mixture of tall open forest of <i>Eucalyptus marginata</i> subsp. <i>marginata</i> - <i>Corymbia calophylla</i> on slopes and low woodland of <i>Banksia littoralis</i> - <i>Banksia seminuda</i> on valley floors in the humid zone (Mattiske & Havel 1998).			

3. Assessment of application against clearing principles

Comments

The application is to clear up to 40 dead Jarrah trees within Lot 1378 on Deposited Plan 109816, Balbarrup, for the purpose of grazing and pasture and is unlikely to have any significant environmental impacts.

The vegetation is in completely degraded (Keighery 1994) condition. The area under application does not represent high biodiversity.

The trees under application are not rare or priority flora species and are not representative of a threatened ecological community. The vegetation under application is not representative of the mapped vegetation associations.

Given the trees to be cleared are dead, their removal is unlikely to cause or exacerbate flooding, land degradation or impact on groundwater quality.

Several fauna species of conservation significance have been recorded within the local area (10 kilometre radius) (DEC 2007-). The trees to be cleared contain some hollows, but are unlikely to be suitable for use by Carnaby's Cockatoo (*Calyptorhynchus latirostris*; rare or likely to become extinct, Wildlife Conservation Act 1950 (WC Act); endangered, Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act), Forest red-tailed black-Cockatoo (*Calyptorhynchus banksii* subsp. *Naso*; rare or likely to become extinct, WC Act; vulnerable, EPBC Act) and Baudin's Cockatoo (*Calyptorhynchus baudinii*; rare or likely to become extinct, WC Act; vulnerable, EPBC Act).

The mapped vegetation types are well represented within the region and the majority of this remaining vegetation is managed as conservation estate. Given this, and the completely degraded (Keighery 1994) condition of the vegetation under application, it is unlikely that the application area contains significant habitat for fauna compared with the surrounding vegetation.

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

- Methodology**
- References:
DEC 2007-
DEC 2013
Keighery 1994
GIS Databases:
- DEC Tenure
- Pre-European vegetation
- Mattiske Vegetation Complex
- SAC Biodatasets

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

Comments

The application area is located within the Warren River and Tributaries Surface Water Area covered by the Rights in Water and Irrigation Act 1914.

The application area is located within the Warren River Water Reserve (Zone B) covered by the Country Area Water Supply Act 1947 (CAWS Act). The Department of Water (DoW) has advised that there are no provisions relating to dead trees under the CAWS Act and therefore the DoW has no comment (DoW 2013a).

The application area is located within the Warren River Water Reserve, a 'Priority not assigned' Public Drinking Water Source Area. The Department of Water (2013b) has advised that the risks on water resources associated with this proposed clearing is low, due to the distance of the proposed clearing from watercourses.

The Shire of Manjimup has advised it has no objection to the proposed clearing and that no planning approval for the purpose of the proposed clearing is required (Shire of Manjimup 2013).

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

- Methodology**
- References:
DoW 2013a
DoW 2013b
Shire of Manjimup 2013
GIS Databases:
- RIWI Act areas
- CAWS Act areas
- PDSWA areas

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 05/05/2013.
- DEC (2013) Site inspection report for CPS 5597/1. Site inspection conducted on 10/2012. Department of Environment and Conservation, Western Australia (DEC REF: A635047).
- DoW (2013a) Advice for clearing permit application CPS 5597/1. Received on 5/6/2013. Department of Water, Western Australia (DEC REF: A637327).
- DoW (2013b) Advice for clearing permit application CPS 5597/1. Received on 23/5/2013. Department of Water, Western Australia (DEC REF: A364059).
- 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.
- 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 Manjimup (2013) Advice for clearing permit application CPS 5597/1. Received on 17/5/2013. Shire of Manjimup, Western Australia (DEC REF: A631279).

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)