



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: CPS 4748/1

File Number: 2011/011274-1

Duration of Permit: From 27 February 2012 to 27 February 2014

PERMIT HOLDER

Allan Arthur McSwain

LAND ON WHICH CLEARING IS TO BE DONE

Lot 2837 on Plan 203102, Rosa Glen

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 2.5 hectares of native vegetation within the area cross hatched yellow on attached Plan 4748/1.

CONDITIONS

Nil

A handwritten signature in black ink, appearing to be "K Faulkner", written over a horizontal line.

Kelly Faulkner

MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

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

2 February 2012

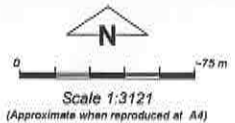
Plan 4748/1`



LEGEND

- Clearing instruments**
- Areas Approved to Clear
 - Road Centrelines
 - Cadastre
 - Towns

Bussetton 50cm Orthomosaic - Landgate 2007



Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Date 2/2/12
K. Faulkner

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
Our environment, our future
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* 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.: 4748/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Allan Arthur McSwain

1.3. Property details

Property: LOT 2837 ON PLAN 203102 (House No. 275 ROSA GLEN ROSA GLEN 6285)
Local Government Area: Shire of Augusta Margaret River

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 2 February 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 : 3 Medium forest Jarrah-Marri (Shepherd, 2009)	The application is to clear 2.5 hectares of native vegetation for the purpose of pasture and grazing.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation was obtained via a site inspected conducted by the Department of Environment and Conservation (DEC) in January 2012.
Mattiske Vegetation Complex: Treeton (T) Woodland of Eucalyptus marginata subsp. marginata-Corymbia calophylla with some Allocasuarina fraseriana on mild slopes in the perhumid zone.	The vegetation under application consisted of Eucalyptus marginata and Corymbia calophylla with one species of Xanthorrhoea preissi and Mirbelia amongst ground cover of weeds (DEC, 2012). The application area has previously been parkland cleared and subjected to cattle grazing.		
Mattiske Vegetation Complex: Treeton (Tw) Open forest of Eucalyptus patens-Corymbia calophylla-Eucalyptus marginata subsp. marginata on lower slopes and on floors of minor valleys in the perhumid zone (Mattiske and Havel, 1998).	The vegetation under application is considered to be in a degraded (Keighery, 1994) condition (DEC, 2012).		

3. Assessment of application against clearing principles

Comments

The application is to clear 2.5 hectares of native vegetation for the purpose of pasture and grazing. The vegetation under application is considered to be in a degraded (Keighery, 1994) condition (DEC, 2012) and has been subjected to cattle grazing.

Several fauna species of conservation significance have been recorded in the local area. Including Calyptorhynchus banksii (Forest red-tailed black cockatoo), Calyptorhynchus baudinii (Baudin's black cockatoo) and Calyptorhynchus latirostris (Carnaby's black cockatoo). No hollow bearing trees were observed within the applied area (DEC, 2012) and given the degraded (Keighery, 1994) condition (DEC, 2012) of vegetation, it is considered not significant habitat for fauna of conservation significance.

Declared Rare Flora (DRF) species *Drakaea micrantha* has been recorded approximately 5km north of the application area. Several priority species have also been mapped within the local area (10km). Given the degraded (Keighery, 1994) condition (DEC, 2012) of the vegetation under application and the disturbance from past cattle grazing, it is considered unlikely that priority or declared rare flora species would occur within the application area.

The area under application is within the Jarrah Forrest IBRA Bio-region, which has approximately 56 per cent of its pre-European vegetation remaining (Shepherd 2009). The vegetation complexes within the area under application are well represented and the local area (10km radius) is not considered to be extensively cleared.

Immediately south of the application area lies a minor non perennial creek. The vegetation within the creekline is considered to be in an excellent (Keighery, 1994) condition (DEC, 2012) and has been protected from previous grazing by a fence. Given that the application consists mainly of trees (*Eucalyptus marginata* and *Corymbia calophylla*), has been previously parkland cleared and has excluded the vegetation within the creekline, it is considered that the creek would not be impacted upon by the clearing as proposed.

The application has been assessed against the clearing principles and has identified that the proposed clearing is not likely to be at variance to any of the clearing principles.

Methodology Reference:
- DEC (2012)
- DEC (2007-)
- Keighery (1994)
- Shepherd (2009)
GIS Database:
- Hydrology, Linear
- SAC Biodata sets - Accessed January 2012

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

Comments The application area is within both the proclaimed Blackwood surface water and groundwater area under the Rights in Water and Irrigation Act 1914. The Department of Water (DoW, 2012) advises that there are no further permits or licenses or licence modifications required for this land owner in the relation to water supply (DoW, 2012). The DoW note that the proposed clearing does abut a first-order minor perennial watercourse which originates on this lot. It is very likely that the water quality will be impacted from the proposed clearing through the proposed use from fertilizing, spray drift from pesticides and herbicides and dust during any possible harvesting. These impacts should be managed through retention, maintenance and where necessary, re-establishment of a vegetated buffer (DoW, 2012).

Methodology Reference:
- DoW (2012)

4. References

- DEC (2007 -) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed January 2012
- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 4748/1, Lot 2837 Rosa Glen. Site inspection undertaken 12/01/2012. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC:A469689).
- Department of Water (2012). Advice received in relation to Clearing Permit Application CPS 4748/1. Department of Water (DEC Ref:A469673).
- 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. (2009) Adapted from: 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)