



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5397/1
File Number: 2012/008364-1
Duration of Permit: From 19 April 2014 to 19 April 2016

PERMIT HOLDER

Peter Alexander Blair McHaffie

LAND ON WHICH CLEARING IS TO BE DONE

Lot 9669 on Deposited Plan 203050 (Dean Mill 6258)

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 1.5 hectares of native vegetation within the area hatched yellow on attached Plan 5397/1.

CONDITIONS

1. Revegetation

The Permit Holder shall establish and maintain trees within the area cross hatched red on attached Plan 5397/1 in accordance with the following requirements:

- (a) trees shall be established and maintained to an average planting density of 1000 stems per hectare; and
- (b) *planting* is to commence within twelve months of any clearing authorised under this Permit.

2. Records must be kept

In relation to the *planting* of areas pursuant to condition 1 of this Permit:

- (a) the location of any areas planted, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) a description of the planting activities undertaken; and
- (c) the number of trees and density planted.

3. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
 - (i) of records required under condition 2 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year;
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year; and
- (c) Prior to 19 February 2016 the Permit Holder must provide to the CEO a written report of records required under condition 2 of this Permit where these records have not already been provided under condition 3(a) of this Permit.

DEFINITIONS

The following meanings are given to terms used in this Permit:

planting means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species; and



M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

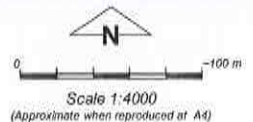
20 March 2014

Plan 5397/1



LEGEND

- | | |
|---|--|
| <p>Road Centrelines
Cadastral</p> <p>Local Government
Authorities
Clearing Instruments
(cont)</p> | <p> Areas Subject to Conditions</p> <p> Areas Approved to Clear</p> <p>Manjimup 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 20/12/14
 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.



Government of Western Australia
 Department of Environment Regulation

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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.: 5397/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Peter Alexander Blair Mchaffie

1.3. Property details

Property: LOT 9669 ON PLAN 203050 (DEANMILL 6258)
Local Government Area: Shire of Manjimup
Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 20 March 2014

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description

Mapped Beard vegetation association 1144 is described as Tall forest; karri & marri (*Corymbia calophylla*) (Shepherd et al. 2001).

Mattiske Complex: Crb: Tall open forest of *Corymbia calophylla*-*Eucalyptus diversicolor* on upper slopes with *Allocasuarina decussata*-*Banksia grandis* on upper slopes in hyperhumid and perhumid zones (Mattiske and Havel 1998).

YN1: Mixture of tall open forest of *Eucalyptus diversicolor* and tall open forest of *Corymbia calophylla*-*Eucalyptus patens*-*Eucalyptus marginata* subsp. *marginata* over *Agonis flexuosa* and *Agonis juniperina* on valleys in perhumid and humid zones (Mattiske and Havel 1998).

Clearing Description
Clearing 1.5 hectares of native vegetation for the purpose of horticulture.

Vegetation Condition
Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)

Comment
The condition of the vegetation was ascertained from a site visit conducted by the former Department of Environment and Conservation on the 31 December 2012 (DEC 2012).

The vegetation under application consists of Marri (*Corymbia calophylla*) and Karri (*Eucalyptus diversicolor*) trees over a degraded (Keighery 1994) understorey (DEC 2012).

3. Assessment of application against clearing principles

Comments The application is to clear 1.5 hectares of native vegetation for horticulture. The vegetation under application consists of Marri (*Corymbia calophylla*) and Karri (*Eucalyptus diversicolor*) trees over a degraded (Keighery 1994) understorey (DEC 2012). Given the degraded (Keighery 1994) condition of the vegetation it is not likely to contain high biodiversity, habitat for rare or priority flora or be consistent with a threatened or priority ecological community.

The application area contains tree species that may contain suitable nesting or roosting sites for the threatened black cockatoo species; Baudin's black cockatoo (*Calyptorhynchus baudinii*), Carnaby's cockatoo (*Calyptorhynchus latirostris*) and the forest red-tailed black cockatoo (*Calyptorhynchus banksii* subsp. *naso*) (DER, 2012). Given the degraded nature of the application area and extent of vegetation in the local area, the vegetation under application is not likely to form significant habitat for these species.

The proposed clearing consists of Beard and Mattiske vegetation complexes that are well represented, retaining 78 and 81 percent of their pre-European extent respectively (Government of Western Australia 2013). The local area (10 kilometre radius) is approximately 45 percent vegetated.

As no watercourses are mapped within the application area and as the land will be managed for horticulture, the application is not likely to impact on a watercourse, cause flooding or appreciable land degradation. The application is not likely to impact on a conservation reserve and does not form part of an ecological linkage.

The proposed clearing occurs within Zone D of a Country Areas Water Supply Act 1947 (CAWS Act) area. Department of Water (DoW) policy and guidelines for the granting of licences to clear indigenous vegetation exist to manage salinity within this area. The CAWS Act requires the retention of native vegetation on at least 10 percent of the owner's holding area. 2007 imagery suggests that approximately 6.4 percent of native vegetation remains on the holding (DoW 2012a). As the application area occurs within a CAWS Act area and there is less than 10 percent vegetation remaining on the applicant's holdings, the proposed clearing may contribute to salinity in the catchment.

The DoW policy and guidelines provide for the grant of a licence to clear small degraded stands subject to the establishment of a vegetation offset of twice the approved area. The application area meets the small degraded stand definition and therefore clearing of these areas could be permitted, conditional upon the revegetation and maintenance of native vegetation to an area equivalent to 3 hectares (DoW 2012a). Requirements to revegetate and maintain vegetation in perpetuity will assist in mitigating the identified potential salinity risk.

The assessment against the clearing principles has found that the proposed clearing may be at variance to principle (i) and is not likely to be at variance to the remaining clearing principles.

Methodology

References

- DEC (2012)
- DoW (2012a)
- Government of Western Australia (2013)
- Keighery (1994)

GIS Databases

- DEC Tenue
- Hydrography, linear
- NWLRA, Extent of Native Vegetation
- Pre-European Vegetation
- SAC Bio Datasets
- Salinity Risk

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

Comments

The proposed clearing area is zoned Rural Small Holdings under the local town planning scheme. The Shire of Manjimup (2014) has advised that planning consent has been granted for the proposed works.

The Department of Water (DoW, 2012a) has advised that the proposed clearing occurs within Zone D of a Country Areas Water Supply Act 1947 (CAWS Act) area. Zone D is a low salinity risk part of the catchment where DoW Policy and Guidelines for the granting of licences to clear indigenous vegetation exist to manage salinity in the catchment. The CAWS Act requires the retention of native vegetation on at least 10 percent of the owner's holding area. 2007 imagery suggests that approximately 6.4 percent of native vegetation remains on the holding (DoW 2012).

The DoW policy and guidelines also provide for the grant of a licence to clear small degraded stands subject to the establishment of a vegetation offset of twice the approved area. The application area meets the small degraded stand definition and therefore clearing of these areas could be permitted, conditional upon the revegetation and maintenance, in perpetuity, of an area equivalent to 3 hectares (DoW 2012a).

In an email dated 10 March 2014 the applicant provided details of areas within the property that can be revegetated and maintained as native vegetation, in order to meet the CAWS Act requirements (McHaffie, 2014).

The application area is located within the Warren River and Tributaries Surface Water Area as proclaimed under the Rights in Water and Irrigation Act 1914. To minimise potential environmental impacts in this area it is recommended that the applicant carries out the soil and water management practices in the Department of Water "Water Quality Protection Note 34 - Orchards near Sensitive Water Resources" (DoW, 2012b). The applicant currently has a surface water license for existing uses via downstream dams within the same holdings.

No public submissions have been received.

No Aboriginal Sites of Significance are mapped within the application area.

Methodology	References
	-Shire of Manjimup (2012)
	-DoW (2012a)
	-DoW (2012b)
	-McHaffie (2014)
	GIS Databases
	-Town Planning Scheme Zones

4. References

- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5397/1, Lot 9669 Springall Road, Manjimup. Site inspection undertaken 31 December 2012. Department of Environment and Conservation, Western Australia (DEC ref A584434).
- DoW (2012a) Country and Waters Supply Act 1947 advice for CPS 5397/1 Lot 9669 Springhall Road, Manjimup. Department of Water, Western Australia. DEC ref A584030
- DoW (2012b) Rights in Water and Irrigation Act 1914 advice for CPS 5397/1 Lot 9669 Springhall Road, Manjimup. Department of Water, Western Australia. DEC ref A587082
- 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.
- McHaffie (2014) Email received in relation to revegetation within the property. Received 10 March 2014 (DER Ref: A734890).
- 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 (2014) Advice received in relation to clearing permit CPS 5397/1 Lot 9669 Springall Road, Manjimup, Peter McHaffie. (DER ref: A734890)