



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 4482/1
Permit Holder:	Shire of Manjimup
Duration of Permit:	26 September 2011 – 26 September 2016

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of aircraft safety.

2. Land on which clearing is to be done

LOT 690 ON PLAN 175868 (CROWN RESERVE 31476)
LOT 836 ON DEPOSITED PLAN 193272 (CROWN RESERVE 15977)
ROAD RESERVE (BURTON ROAD (PIN: 11260073), MANJIMUP 6258)

3. Area of Clearing

The Permit Holder must not clear more than 17 hectares of native vegetation within the area hatched yellow on attached Plan 4482/1.

4. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

5. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the power to clear native vegetation for those activities under the *Local Government Act 1995* or any other written law.

6. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

7. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

8. Dieback and weed control

- When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds* and *dieback*:

- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (ii) shall only move soils in *dry conditions*;
- (iii) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (iv) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

PART III - RECORD KEEPING AND REPORTING

9. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit:

- (a) In relation to the clearing of native vegetation authorised under this Permit:
 - (i) the species composition, structure and density of the cleared area;
 - (ii) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings;
 - (iii) the date that the area was cleared; and
 - (iv) the size of the area cleared (in hectares).

10. 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 9 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 26 June 2016, the Permit Holder must provide to the CEO a written report of records required under condition 9 of this Permit where these records have not already been provided under condition 10(a) (reporting condition) of this Permit.

Definitions

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

dieback means the effect of *Phytophthora* species on native vegetation;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

fill means material used to increase the ground level, or fill a hollow;

mulch means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

weeds means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.



M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

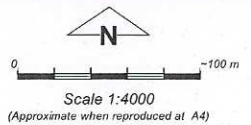
1 September 2011

Plan 4482/1



LEGEND

- Road Centrelines
- Local Government Authorities
- Clearing Instruments**
- Areas Applied to Clear
- Areas Subject to Conditions (cont)
- Areas Approved to Clear
- Cadastre for labelling
- Manjimup 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.

M Warnock Date: 1/9/11
 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.



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1. Application details

1.1. Permit application details

Permit application No.: 4482/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Manjimup

1.3. Property details

Property: LOT 836 ON PLAN 193272 (House No. 21 STEWART MANJIMUP 6258)
LOT 690 ON PLAN 175868 (Lot No. 690 BURTON MANJIMUP 6258)
ROAD RESERVE (MANJIMUP 6258)

Local Government Area: Shire of Manjimup
Colloquial name: Burton Road reserve

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
17		Cutting	Hazard reduction or fire control

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 1 September 2011

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 is described as Medium forest; jarrah-marri (Shepherd 2009).	The proposal is to clear 17 hectares of native vegetation trees for the purpose of aircraft safety and hazard reduction.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The condition of the vegetation under application was determined through a DEC site visit (DEC 2011).
Mapped Beard vegetation association 1144 is described as Tall forest; karri & marri (Corymbia calophylla)(Shepherd 2009).	Vegetation consists of Marri, jarrah and Karri trees over an understorey of Acacia Patersonia.		
Mattiske vegetation complex Cry is described as Tall open forest of Corymbia calophylla with mixture of Eucalyptus marginata subsp. marginata and Eucalyptus diversicolor on uplands in hyperhumid and perhumid zones (Mattiske and Havel 1998).			

3. Assessment of application against clearing principles

The application is to clear up to 17 hectares within Lot 690 on Plan 175868 (Crown Reserve 31476), Lot 836 on Deposited Plan 193272 (Crown Reserve 15977) and Burton Road reserve, Manjimup, for the purpose of aircraft safety and hazard reduction.

The area has been extensively used for the extraction of gravel between 25-35 years ago. These areas have now been replanted with Karri, and consist of regrowth Marri and Jarrah trees which are approximately 25-30m tall. The trees that will be removed are those above a certain height threshold which is required for the safety of the Manjimup airport.

Within the local area (10km radius) there were 20 fauna species of conservation significance. The closest records are the Western Ringtail Possum (WRP) (*Pseudocheirus occidentalis*), (Vulnerable under the Environment Protection and Biodiversity Conservation Act 1999 (EPBC) and a Threatened species under the Wildlife Conservation Act (WC Act) 1950), which was recorded 600m east of the application area and the Forest Red-tailed black cockatoo (*Calyptorhynchus banksii subsp. naso*) (Vulnerable under the EPBC Act 1999 and a Threatened species under the WC Act 1950), and Brush tailed Phascogale (*Phascogale tapoata*) (Priority 3 species under the WC Act 1950), both recorded over 1km from the application area. The application area is mainly planted Karri and regrowth Jarrah trees and trees are not of size to contain suitable hollows. Therefore, the proposed clearing is not likely to contain significant habitat for fauna native to Western Australia.

The assessment determined that the proposed clearing is not likely to significantly impact any biodiversity, habitat or environmental values or cause any appreciable land degradation within the local or regional context. Therefore, the proposed clearing is not likely to be at variance to any of the clearing principles.

The disturbance caused by clearing will increase the occurrence of weeds. Weed and dieback management practices will assist in mitigating the risk of weeds and pathogens spreading into Reserve 15977 and Reserve 31476.

Methodology References:
DEC (2007 -)
DEC (2011)
GIS databases:
- Manjimup 50cm Orthomosaic - Landgate 2007
- SAC Biodatasets - accessed 20 July 11

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

Comments

The application is to clear up to 17 hectares within Lot 690 on Plan 175868 (Crown Reserve 31476), Lot 836 on Deposited Plan 193272 (Crown Reserve 15977) and Burton Road reserve, Manjimup, for the purpose of aircraft safety and hazard reduction.

The application area is zoned as Park and Recreation under the Town Planning Scheme.

Department of Regional Development and Lands (RDL) advised that the Shire of Manjimup will shortly be issued with a management order for a specified period, 30 June 2014, which will be subject to condition restricting the removal of timber only for the purposes of safety associated with the operation of the Manjimup Airfield (RDL 2011).

Methodology References
RDL (2011)
GIS Databases:
- Cadastre
- Town Planning Scheme Zones

4. References

- DEC (2007-) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/> (Accessed 18/8/2011).
- DEC (2011) Regional Advice Report for Clearing Permit Application CPS 4482/1, Reserve 15977 and 31476 and Burton road. Department of Environment and Conservation, Western Australia (DEC Ref. A425994).
- 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.
- RDL (2011) Lot 836 on Deposited Plan 193272 (Timber Government Requirements Reserve 15977) Stewart Street, Manjimup - Clearing trees. Regional Development and Lands. DEC ref: A423467
- 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)