



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 4634/1
Permit Holder:	Shire of Manjimup
Duration of Permit:	5 December 2011 - 5 December 2013

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 road reconstruction.

2. Land on which clearing is to be done

Glauders Road reserve, Collins

3. Area of Clearing

The Permit Holder must not clear more than 0.5 hectares of native vegetation within the area shaded yellow on attached Plan 4634/1.

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. 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*:

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

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; and

weed/s 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*.

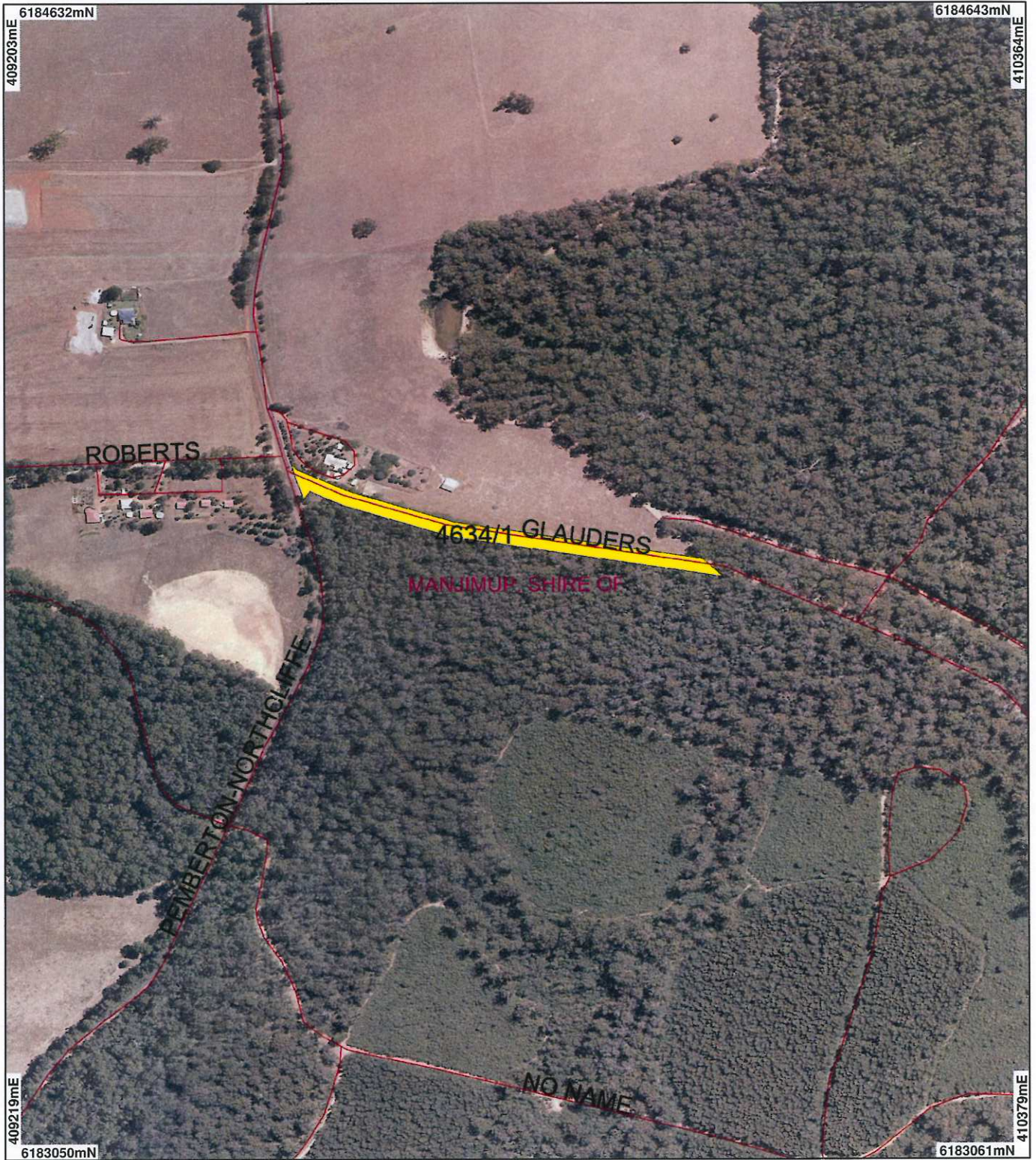


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

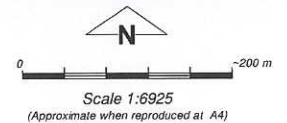
10 November 2011

Plan 4634/1



LEGEND

- | | |
|--|--|
| <p>Clearing Instruments</p> <ul style="list-style-type: none"> Areas Approved to Clear Road Centrelines Local Government Authorities | <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.

[Signature] Date 18/4/12

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
WA Crown Copyright 2002

* 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.: 4634/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Manjimup

1.3. Property details

Property: ROAD RESERVE (COLLINS 6260)
Local Government Area: Shire of Manjimup
Colloquial name: Glausers Road Reserve

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.5		Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 10 November 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
Beard vegetation association 1144?Nornalup is described as: Tall forest; karri & marri (<i>Corymbia calophylla</i>) (Shepherd, 2009).	The Shire of Manjimup proposes to clear approximately 0.5 hectares of native vegetation for the purpose of widening and reconstruction of Glausers Road within the existing road reserve (Shire of Manjimup, 2011). The vegetation under application is described as a closed forest of predominately young regrowth <i>Eucalyptus calophylla</i> (Marri) with occasional <i>E. marginata</i> (Jarrah) over <i>Acacia</i> sp. and <i>Pteridium</i> sp. (Bracken) in good (Keighery, 1994) condition (DEC, 2011).	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The description and condition of the vegetation under application was sourced from aerial imagery and a site inspection (DEC, 2011).
Mattiske vegetation complex CRb-Crowea is described as: Tall open forest of <i>Corymbia calophylla</i> - <i>Eucalyptus diversicolor</i> on upper slopes with <i>Allocasuarina decussata</i> - <i>Banksia grandis</i> on upper slopes in hyperhumid and perhumid zones (Mattiske and Havel, 1998).			

3. Assessment of application against clearing principles

Comments

The Shire of Manjimup propose to clear approximately 0.5 hectares of native vegetation within Glausers Road Reserve over 0.5km footprint. The native vegetation under application is described as an closed forest of predominately young regrowth Marri and occasional Jarrah trees over an understory of *Acacia* sp. and Bracken in good (Keighery, 1994) condition (DEC, 2011).

A number of species of conservation significance are recorded as occurring within the local (10km radius) area, including: *Calyptorhynchus banksii* (Forest red-tailed black cockatoo), *Calyptorhynchus latirostris* (Carnaby's black cockatoo), *Bettongia penicillata* subsp. *ogilbyi* (Brush-tailed Bettong), *Pseudocheirus occidentalis* (Western Ringtail Possum) and *Setonix brachyurus* (Quokka). No trees with hollows, or trees suitable for developing hollows, were noted during a site inspection of the application area (DEC, 2011). Given the size of the area under application and that the vegetation is regrowth vegetation, it is considered unlikely that the proposed clearing will significantly impact upon the above species.

Five priority flora species and one declared threatened flora species have been mapped within a 10km radius of

the application area; the closest being located approximately 4.2km from the application area. Given the size of the area under application and that the vegetation is regrowth vegetation in good condition, having been previously disturbed, it is considered unlikely that the proposed clearing will impact upon priority or declared threatened flora species.

The vegetation complex under application is well represented within the Shire and Warren IBRA bioregion. The application does not occur within an extensively cleared landscape, with approximately 90 per cent of native vegetation remaining in the local area (10 km radius).

The area under application is located adjacent to Warren State Forest. The disturbance from the proposed clearing may increase the risk of weeds and dieback spreading into the State Forest.

Given the above, the proposed clearing may be at variance to principle (h). The implementation of weed and dieback management techniques will assist in mitigating the intrusion of weed and dieback into the adjacent Warren State Forest.

The application area is located within a Public Drinking Water Source Area (priority not assigned). The Department of Water has provided advice that the proposed clearing is unlikely to impact upon water resources in the area (DOW, 2011a)

The application has been assessed against the clearing principles and may be at variance to principle (h) and not likely to be at variance to the remaining clearing principles.

Methodology References:
- DEC (2011)
- DOW (2011a)
- Keighery (1994)

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

Comments The application area is located within the Warren River Water Reserve, however the Department of Water have advised that this reserve is not located within a Public Drinking Water Source Area and that they have no objection to the proposed clearing (DOW, 2011b).

Methodology DOW (2011b)

4. References

- DEC (2011) Site Inspection Report for Clearing Permit Application CPS 4634/1, Glauders Road Reserve, Collins. Site inspection undertaken 19/10/2011. Department of Environment and Conservation, Western Australia (Ref. A445307).
- DOW (2011a) Department of Water Country Area Water Supply Advice. Received 18 October 2011 (ref: A442352).
- DOW (2011b) Department of Water Public Drinking Water Supply Area advice. Received 20 October 2011 (ref: A443491).
- 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)