



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3973/1
Permit Holder:	Shire of Manjimup
Duration of Permit:	28 November 2010 – 28 November 2015

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

Richardson Road Reserve (MEERUP 6262) PIN 11601228
Lot 8876 on Plan 201636 (MEERUP 6262)

3. Area of Clearing

The Permit Holder must not clear more than 1 hectare of native vegetation within the area hatched yellow on attached Plan 3973/1.

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.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

6. Dieback and weed control

- (a) 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.

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;

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*.

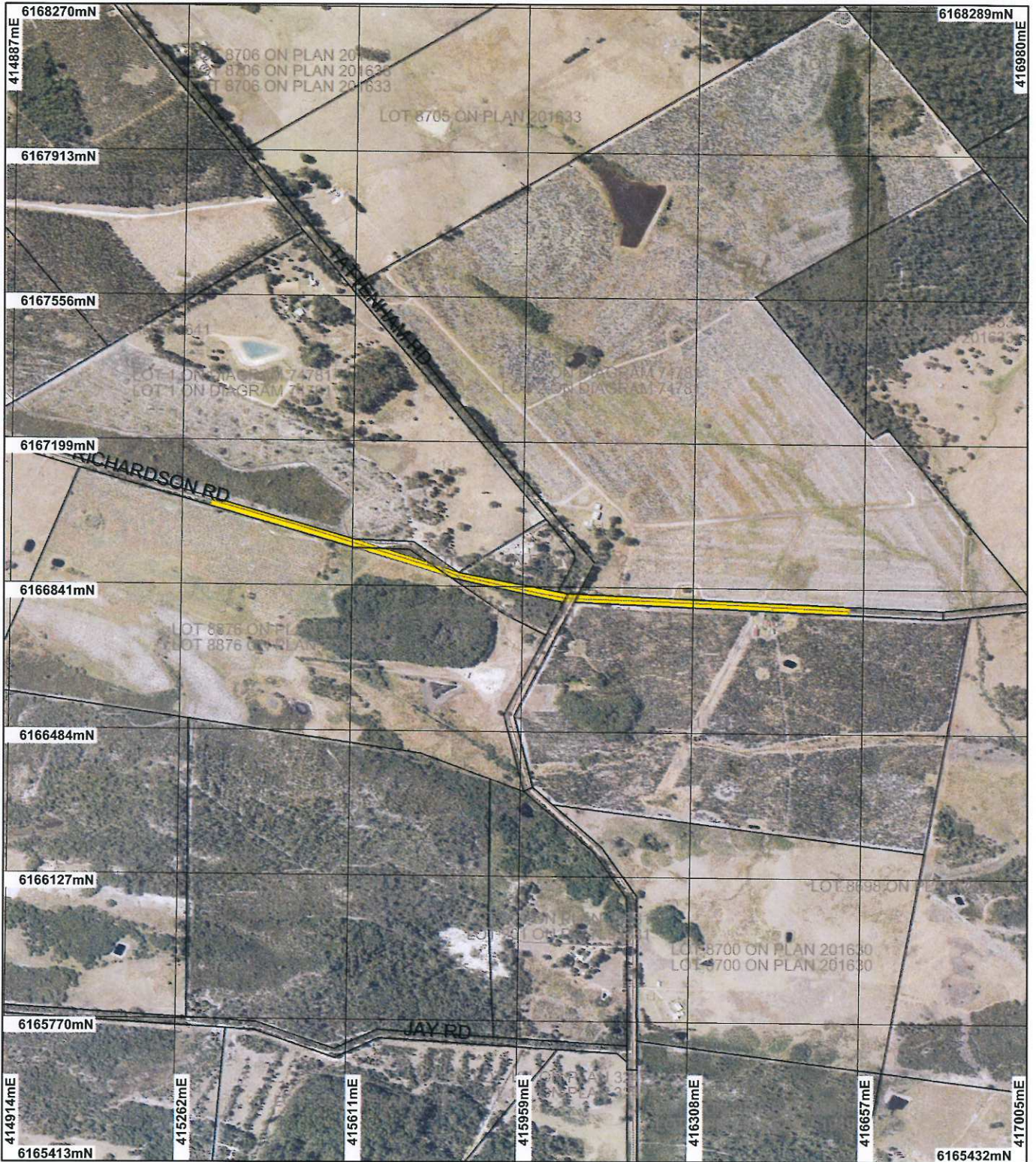


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

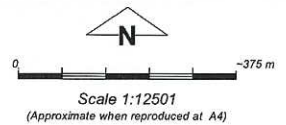
28 October 2010

Plan 3973/1



LEGEND

- | | |
|-----------------------------|---|
| Clearing Instruments | Manjimup 50cm Orthomosaic - Landgate 2007 |
| Areas Approved to Clear | Northcliffe 50cm Orthomosaic - Landgate 2007 |
| Road Centrelines | |
| Cadastre | |



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 28/10/10
K Faulkner

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.



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 3973/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Shire of Manjimup

1.3. Property details

Property: ROAD RESERVE (MEERUP 6262)
LOT 8876 ON PLAN 201636 (MEERUP 6262)
LOT 8876 ON PLAN 201636 (MEERUP 6262)

Local Government Area:

Colloquial name:

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 28 October 2010

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
The vegetation under application is mapped as being composed of the following: - Beard 23: Low woodland; jarrah-banksia - Matiske BWp (Blackwater): Mosaic of low open woodland of <i>Melaleuca preissiana</i> , low open woodland of <i>Melaleuca cuticularis</i> , open heath of Myrtaceae-Proteaceae spp. and sedgeland of Restionaceae spp. on low lying flats in hyperhumid and perhumid zones.	The proposed clearing of 1 hectare of native vegetation is for the purpose of road reconstruction. This will include some road widening, redoing drains and extending shoulders of road. A few Karri trees on the edge of the application area are to be removed, along with some Warren Cedar (DEC, 2010). The vegetation is considered to be in predominately degraded (Keighery, 1994) condition, with some sections (located within the central part of the proposed clearing area) are considered to be in good (Keighery, 1994) condition.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994) 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 determined via the use of aerial imagery and photographs supplied by the applicant (Shire of Manjimup, 2010).

(Shepherd, 2009; Matiske, 1998).

3. Assessment of application against clearing principles

Comments

The proposed clearing of 1 hectare of native vegetation is for the purpose of road reconstruction. This will include some road widening, redoing drains and extending shoulders of road. A few Karri trees on the edge of the application area are to be removed, along with some Warren Cedar (DEC, 2010). The vegetation is considered to be in predominately degraded (Keighery, 1994) condition, with some sections (located within the central part of the proposed clearing area) are considered to be in good (Keighery, 1994) condition.

There are no known rare or priority flora within the application area. The local area (10km radius) has approximately 75% remaining vegetation and is surrounded by conservation areas, the closest being the Boorara-Gardner National park which is situated 2.4km ESE.

The application area is mapped as being within a Palusplain (seasonally waterlogged flat), Therefore the proposed clearing may be at variance to principle (f) and due to the potential for short term increases in sediment loads which could affect surface water quality, the proposed clearing may be at variance to principle (i). However given that the clearing is to occur within a road reserve, adjacent to existing cleared areas for agriculture, impacts to wetland areas and surface water quality are likely to be minimal.

The proposed clearing of 1 hectare of native vegetation is not likely to result in any significant environmental impacts on a local or regional scale.

- Methodology**
- Keighery (1994)
 - DEC (2010)
 - GIS DataBases:
 - Manjimup 50cm Orthomosaic - Landgate 2007
 - DEC Tenure
 - SAC Biodatasets (accessed Oct 2010)
 - Soils, Statewide DA 11/99
 - Pre European Vegetation (DA 2001)
 - Matiske Vegetation (1998)
 - Clearing Regulations, Environmentally Sensitive Areas (2009)
 - Current Extent of Native Vegetation (NLWRA 2001)
 - NLWRA, Current Extent of Native Vegetation 20 Jan 2001
 - Hydrography linear (hierarchy) - DoW 13/7/06

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

Comments

The owners of Lot 8876 have provided authorisation for the Shire of Manjimup to conduct the works on their property. The remainder of the works is to occur within the Richardson Road Reserve.

Methodology

4. References

- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western 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)