



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7736/1
Permit Holder:	Shire of Manjimup
Duration of Permit:	9 December 2017 to 9 December 2022

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 widening and road safety

2. Land on which clearing is to be done

Richardson Road reserve (PIN 11449845), Northcliffe

Richardson Road reserve (PIN 11601230), Meerup

3. Area of Clearing

The Permit Holder must not clear more than 0.88 hectares of native vegetation within the area cross-hatched yellow on attached Plan 7736/1a and Plan 7736/1b.

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 the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

PART II – MANAGEMENT CONDITIONS

6. 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.

7. Dieback and weed control

When undertaking any clearing 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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;

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;

weed/s means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Biodiversity, Conservation and Attractions species-led ecological impact and invasiveness ranking summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



Emma Bramwell
A/ MANAGER
CLEARING REGULATION


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

8 November 2017

Plan 7736/1a



Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Cadastre



(Approximate when reproduced at A4)
GDA 94 (Lat/Long)
Geocentric Datum of Australia 1994

E Bramwell Date *08/11/17*
E BRAMWELL

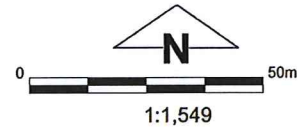
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

Plan 7736/1b



Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Cadastre



(Approximate when reproduced at A4)
GDA 94 (Lat/Long)
Geocentric Datum of Australia 1994

E Bramwell Date *08/11/17*
E BRAMWELL

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986



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1. Application details

1.1. Permit application details

Permit application No.: 7736/1
Permit type: Purpose Permit

1.2. Proponent details

Applicant's name: Shire of Manjimup

1.3. Property details

Property: Richardson Road reserve (PIN 11449845), Northcliffe
Richardson Road reserve (PIN 11601230), Meerup.
Local Government Authority: Shire of Manjimup
DBCA District: Donnelly
Localities: Meerup

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.88	-	Mechanical Removal	Road widening and road safety

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 8 November 2017
Reasons for Decision: The clearing permit application was received on 10 August 2017 and has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

The Delegated Officer determined that the proposed clearing is unlikely to have any significant environmental impacts.

2. Background

2.1. Existing environment and information

Vegetation Description The application area has been mapped as the following South West vegetation complexes:

- COy1 (Collis 1): Tall open forest to woodland of *Eucalyptus marginata* subsp. *marginata*-*Corymbia calophylla* (marri)-*Banksia grandis* (bull banksia)-*Allocasuarina fraseriana* (sheoak) on low hills and with *Allocasuarina decussata* (karri sheoak) on slopes in perhumid and humid zones;
- S4 (Broad swamps): Low woodland of *Eucalyptus marginata* subsp. *marginata*-*Nuytsia floribunda* (Christmas tree) with some *Melaleuca preissiana* (moonah) and closed heaths of Myrtaceae spp. on broad drainage lines in hyperhumid and perhumid zones; and
- A (Angove): Open forest of *Eucalyptus marginata* subsp. *marginata*-*Banksia ilicifolia* (holly-leaved banksia)- Christmas tree with some *Eucalyptus diversicolor* (karri) on gently sloping sandy terrain in hyperhumid and perhumid zones (Government of Western Australia, 2017).

Clearing Description The clearing of 0.88 hectares of native vegetation within the Richardson Road reserve (PINs 11449845 and 11601230), Northcliffe and Meerup, for the purpose of road widening and road safety

Vegetation Condition Degraded: vegetation structure severely impacted by disturbance. (Keighery, 1994).

Comment The condition and description of the vegetation within the application area was determined by photographs provided by the applicant (Shire of Manjimup, 2017).

3. Assessment of application against clearing principles

Comments The application is to clear up to 0.88 hectares of native vegetation within the Richardson Road reserve (PINs 11449845 and 11601230), Northcliffe and Meerup, for the purpose of road widening.

The local area for the purpose of this assessment is defined as a 10 kilometre radius measured from the perimeter of the application area.

Photographs of the application area indicate that the vegetation within the application area is in degraded (Keighery, 1994) condition and comprises predominantly karri and marri trees over leaf litter with minimal understorey (Shire of Manjimup, 2017).

According to available databases, one rare flora and 11 Priority flora , and 19 fauna species specially protected under the *Wildlife Conservation Act 1950*, have been recorded within the local area (DBCA, 2007-). No priority or threatened ecological communities have been mapped within the local area. The Department of Biodiversity, Conservation, and Attractions (DBCA) advised that it has no records of any threatened flora or fauna for this area (DBCA, 2017).

Noting the condition of the vegetation within the application area and the absence of native understorey species, and the linear shape of the application area, the proposed clearing is not likely to impact on rare or priority flora or fauna, priority or threatened ecological communities, or the environmental values of nearby conservation areas. Notwithstanding, the eastern portion of the application area is adjacent to remnant vegetation on private property, and the proposed clearing of this portion may increase the risk of weeds and dieback being spread into this adjacent remnant vegetation.

The National Objectives and Targets for Biodiversity Conservation include a target that prevents the clearance of ecological communities with an extent below 30 per cent of that present pre-European settlement (Commonwealth of Australia 2001). The application area is located within the Warren Interim Biogeographic Regionalisation of Australia (IBRA) bioregion and Shire of Manjimup, which, along with two of the three mapped vegetation complexes, retain greater than 30 per cent of their pre-European vegetation extents (Government of Western Australia, 2017). A portion of the application area is mapped as the Angove vegetation complex, which retains approximately 23 percent of its pre-European vegetation extent (Government of Western Australia, 2017), however photographs of the application area indicate that the composition of the vegetation within the application area is not representative of this vegetation complex. The local area retains approximately 70 per cent native vegetative cover, a large portion of which is contained within conservation areas, and the proposed clearing will have a negligible impact on this current extent.

According to available databases, no wetlands or watercourses are mapped within the application area. The application area is not likely to contain native vegetation growing in association with a wetland or watercourse.

Noting the linear shape of the application area and its location adjacent to an existing road, and the extent of the proposed clearing, the proposed clearing is not likely to cause appreciable land degradation, deterioration in the quality of surface or underground water, and is not likely to cause or exacerbate flooding.

Given the above, the proposed clearing is not likely to be at variance to any of the clearing principles.

Hygiene management practices will assist in minimising the risk of spread of weeds and dieback into adjacent vegetation.

Methodology

References:

Commonwealth of Australia (2001)
DBCA (2007-)
DBCA (2017)
Government of Western Australia (2017a)
Government of Western Australia (2017b)
Keighery (1994)
Shire of Manjimup (2017)

GIS Databases:

- SAC bio datasets accessed October 2017
- Hydrography, linear
- DBCA tenure
- Virtual mosaic
- Pre-European vegetation

Planning instruments and other relevant matters.

Comments

The applicant proposes to clear 0.88 hectares of native vegetation within the Richardson Road reserve (PINs 11449845 and 11601230), Northcliffe and Meerup, for the purpose of road widening.

There are no Aboriginal Sites of Significance mapped within the application area.

The application area is zoned priority agriculture and local roads under the town planning scheme.

The clearing permit application was advertised on 19 September 2017 with a 14 day submission period. No public submissions have been received in relation to this application.

Methodology

GIS Databases:

- Aboriginal sites register system
- Town Planning Scheme Zones

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- Department of Biodiversity, Conservation and Attractions (DBCA) (2017), Regional advice for Clearing Permit Application CPS 7694/1 received 28 September 2017 (DWER ref: A1538494).
- Department of Biodiversity, Conservation and Attractions (DBCA) (2007-) NatureMap: Mapping Western Australia's Biodiversity. Department of Parks and Wildlife. URL: <http://naturemap.dpaw.wa.gov.au/>. Accessed August 2017
- Government of Western Australia. (2017a) 2016 South West Vegetation Complex Statistics. Current as of September 2017. WA Department of Parks and Wildlife, Perth
- Government of Western Australia. (2017b) 2016 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of September 2017) WA Department of Parks and Wildlife, 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.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.
- Shire of Manjimup. (2017) Photographs of CPS 7726/1 application area (DWER Ref: A1547785, A1544145)