



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7726/1
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 realignment.

2. Land on which clearing is to be done

Quinninup Road reserve (PIN 11536583), Quinninup

3. Area of Clearing

The Permit Holder must not clear more than 0.33 hectares of native vegetation within the area cross-hatched yellow on attached Plan 7726/1.

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 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. Land management

This Permit does not authorise the Permit Holder to clear native vegetation between 1 May and 30 September of any given year.

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.

PART III – RECORD KEEPING AND REPORTING

8. Records to be kept

The Permit Holder must maintain the following records for activities done pursuant to the clearing of native vegetation authorised under this Permit:

- (a) 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 or decimal degrees;
- (b) the date that the area was cleared; and
- (c) the size of the area cleared (in hectares).



Emma Bramwell
A/ MANAGER
CLEARING REGULATION







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

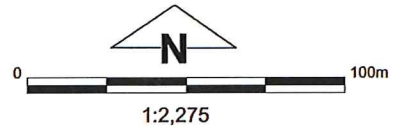
8 November 2017

Plan 7726/1



Legend

-  Railways
-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



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

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

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



1. Application details

1.1. Permit application details

Permit application No.: 7726/1
Permit type: Purpose Permit

1.2. Proponent details

Applicant's name: Shire of Manjimup

1.3. Property details

Property: Road Reserve (PIN 11536583), Quinninup
Local Government Authority: Shire of Manjimup
DBCA District: Donnelly
Localities: Quinninup

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.33	-	Mechanical Removal	Road realignment

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 9 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 may be at variance to principles (g) and (i), and is not likely to be at variance to the remaining principles.

The Delegated Officer determined that there is a low risk that the proposed clearing may cause land degradation and deterioration in the quality of surface water through erosion, sediment transport and turbidity to nearby dams. To minimise these impacts, a condition has been placed on the permit limiting activities to drier months of the year by not allowing clearing to take place between 1 May and 30 September each year.

2. Background

2.1. Existing environment and information

Vegetation Description The application area has been mapped as the Wheatley WH1 South West vegetation complex, described as tall open forest of *Eucalyptus diversicolor* (karri)-*Corymbia calophylla* (marri) on slopes and tall open forest of *Eucalyptus patens* (blackbutt) on valley floor in perhumid and humid zones (Government of Western Australia, 2017).

Clearing Description The clearing of 0.33 hectares of native vegetation within Road Reserve, Quinninup for the purpose of road realignment.

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 0.33 hectares of native vegetation within the Grays Road reserve (PIN 11536583), Quinninup, 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 of karri trees over leaf litter with minimal understorey (Shire of Manjimup, 2017). The trees within the application area do not appear to contain hollows (Shire of Manjimup, 2017).

According to available databases, two rare flora and four Priority flora, and 16 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 there are no flora or fauna values of significance recorded 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.

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, and is mapped as Wheatley WH1 South West vegetation complex, all of which retain greater than 30 per cent of their pre-European vegetation extents (Government of Western Australia, 2017). The local area retains approximately 80 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.

Available datasets indicate that the application area is located on steeply sloping land (one in five slope). On this basis, there is a low risk that the proposed clearing may cause land degradation and deterioration in the quality of surface water through erosion, sediment transport and turbidity to nearby dams (DWER, 2017).

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 deterioration in the quality of underground water, and is not likely to cause or exacerbate flooding.

Given the above, the proposed clearing may be at variance to clearing principles (g) and (i), and is not likely to be at variance to the remaining clearing principles.

Appropriate erosion control methods and the requirement to undertake the proposed clearing in the dryer months of the year will minimise the low risk of land degradation and associated deterioration in the quality of surface water.

Methodology

References:

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

GIS Databases:

- Hydrography, linear
- Hydrography, hierarchy
- DBCA tenure
- SAC bio datasets accessed August 2017
- Virtual mosaic
- Pre-European vegetation
- DAFWA subsystems 5 soils
- Local Government Areas
- Roads linear
- WA Herbarium
- Threatened Priority Flora

Planning instruments and other relevant matters.

Comments The applicant proposes to clear 0.33 hectares of native vegetation within the Grays Road reserve (PIN 11536583), Quinninup, 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 application area is within the Warren River Water Reserve gazetted under *Country Areas Water Supply Act 1947* (CAWS Act). The catchment is not located in a Public Drinking Water Source Area, and no priority source protection has been assigned or is proposed (DWER, 2017). The catchment has been subject to CAWS Act native vegetation clearing controls since December 1978 to prevent salinisation of water resources, and the application area is located within Zone C (a medium salinity risk area) where DWER Policy and Guidelines for the "Granting of Licences to Clear Indigenous Vegetation" provide for the grant of a licence to clear for government works subject to an equivalent area being reforested within the same or higher salinity risk zone (DWER, 2017). Noting the extent of the proposed clearing, the amalgamation of similar CAWS Act offset areas over time to create sustainable revegetation areas is acceptable, noting that the applicant's amalgamated CAWS Act offset requirement is now more than five hectares (DWER, 2017).

The clearing permit application was advertised on 10 August 2017 with a 14 day submission period. No public submissions have been received in relation to this application.

Methodology References:
DWER (2017)

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 7726/1 received 19 October 2017 (DWER Ref: A1544152).
- 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
- Department of Water and Environmental Regulation (DWER) (2017) Regional advice for Clearing Permit Application CPS 7726/1 received 27 September 2017 (DWER Ref A1530033).
- 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.
- Shire of Manjimup. (2017) Photographs of CPS 7726/1 application area (DWER Ref: A1547785, A1544145)
- Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Parks and Wildlife. <http://florabase.dpaw.wa.gov.au/> (Accessed September 2017).