



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7522/1
Permit Holder:	Shire of Esperance
Duration of Permit:	From 3 June 2017 to 3 June 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 an access road.

2. Land on which clearing is to be done

Myrup Road reserve (PIN 11431269), Myrup

3. Area of Clearing

The Permit Holder shall not clear more than 0.091 hectares of native vegetation within the area cross-hatched yellow on attached Plan 7522/1.

4. Application

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

PART II – MANAGEMENT CONDITIONS

5. Dieback, Weed & Soil 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;
- 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;

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 Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

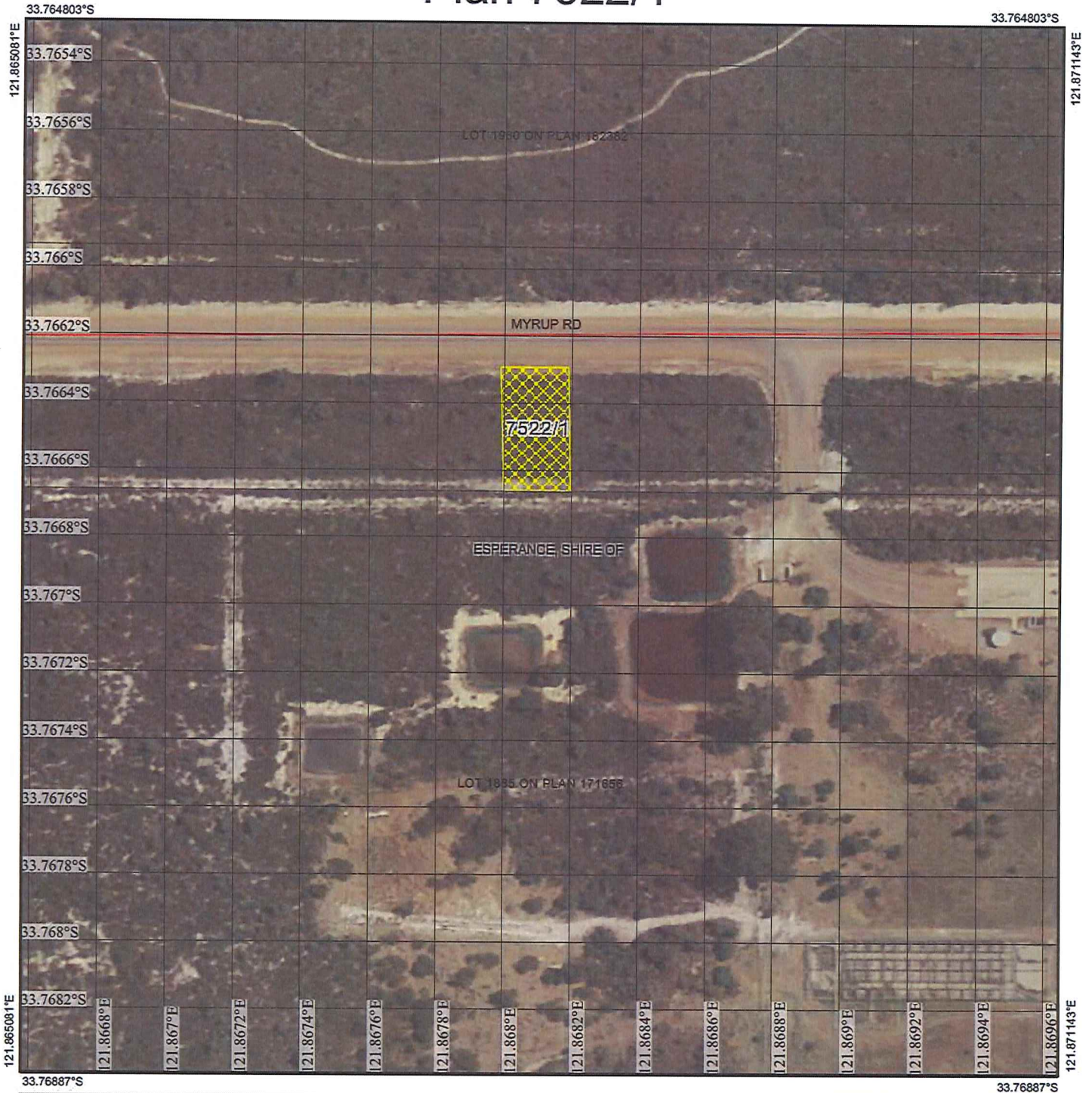


Mathew Gannaway
MANAGER
CLEARING REGULATION

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

4 May 2017

Plan 7522/1



Legend

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



1:1,500
 (Approximate when reproduced at A4)
 GDA 94 (Lat/Long)
 Geocentric Datum of Australia 1994

Matthew Gannaway Date 4/5/2017

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



1. Application details

1.1. Permit application details

Permit application No.: 7522/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Shire of Esperance

1.3. Property details

Property: Myrup Road reserve (PIN 11431269), Myrup
Colloquial name: Myrup Truck Wash
Local Government: Shire of Esperance
Authority:
DER Region: Goldfields
DPaW District: Esperance
Localities: Myrup

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.091		Mechanical Removal	Access road

1.5. Decision on application

Decision on Permit: Grant
Application:
Decision Date: 4 May 2017
Reasons for Decision: The clearing permit application is to clear 0.091 hectares of native vegetation for the purpose of an access road, and was received on 8 March 2017.

The clearing permit application has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*, and it has been concluded that the proposed clearing is not likely to be at variance to any of the clearing Principles.

The Delegated Officer has granted the permit subject to conditions requiring weed and dieback management measures.

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
Bead Vegetation Association 6048 is described as Shrublands; <i>Banksia</i> scrub-heath on sandplain in the Esperance Plains Region (Shepherd et al., 2001).	The applicant has proposed to clear 0.091 hectares within Myrup Road reserve for the purpose of an access road.	Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery, 1994).	Vegetation condition was determined following a review of supporting information provided by the applicant (Shire of Esperance, 2017a).

A vegetation assessment was conducted by the Shire of Esperance, who recorded the following flora species (Shire of Esperance, 2017a):

Acacia cupularis
Adenanthos cuneatus
Anigozanthos rufus
Beaufortia micrantha
Calothamnus quadrifidus
Caustis dioica
Dichopogon fimbriatus
Haemodorum spicatum
Hakea obliqua
Hakea ruscifolia
**Leptospermum laevigatum*

Melaleuca striata
Nuytsia floribunda
Sphaerolobium daviesioides
Spyridium globulosum
Taxandria spathulata
Xanthorrhoea platyphylla

3. Assessment of application against clearing principles

Comments The applicant proposes to clear up the 0.091 hectares within Myrup Road reserve, Myrup, for the purpose of an additional access road into the Myrup Truck Wash.

The local area (10 kilometre radius) has been extensively cleared, with approximately 25 per cent native vegetation remaining. The application area occurs within a patch of native vegetation approximately 538 hectares in size. Based on aerial imagery, native vegetation in this patch is likely to range from degraded to excellent (Keighery, 1994) condition, with the majority of native vegetation in very good to excellent (Keighery, 1994) condition.

The vegetation within the application area is in a good (Keighery, 1994) condition, with weeds including the coastal tea-tree (*Leptospermum laevigatum*) and signs of dieback present (Shire of Esperance, 2017a). The applicant has advised that hygiene measures to control the spread of weeds and dieback into nearby native vegetation will be implemented (Shire of Esperance, 2017a). These measures may mitigate impacts to biodiversity as a result of the proposed clearing.

The application area is mapped within the Shark Lake suite. According to available databases, the nearest wetland or watercourse is a permanent lake located 625 metres west of the application area. Given this, the proposed clearing is not likely to impact vegetation associated with a wetland or watercourse or impact the quality of surface water.

A total of 19 priority flora have been recorded in the local area. A total of 16 native flora species were identified within the application area during a vegetation assessment conducted by the Shire of Esperance (Shire of Esperance, 2017a). None of the flora species identified were rare or priority flora (Shire of Esperance, 2017a). The timing of the vegetation assessment was not provided and therefore it cannot be determined whether it occurred during the flowering period of priority flora species, however given the limited size of the application area and presence of weeds and potential dieback, the proposed clearing has a low risk of impacts to priority flora.

Two priority ecological communities (PEC) and no threatened ecological communities (TEC) have been recorded within the local area. The PECs recorded in the local area include a 'stromatolite like microbialite community of a coastal hypersaline lake' (priority 1) and a scrub heath on Esperance sandplain: scrub heath on deep sand with *Banksia* and *Lambertia*, and *Banksia* scrub heath on sandplain (priority 3). The vegetation within the application area is not representative of either PEC.

The TEC 'Proteaceae dominated kwongan shrublands of the southeast coastal floristic province of Western Australia' is known to occur in the Shire of Esperance. The vegetation within the application area is not representative of this TEC as it does not contain a 30 per cent or greater cover of Proteaceae species across all layers where these shrubs occur (Shire of Esperance, 2017b).

While the application area is mapped as Beard vegetation association 6048 (*Banksia* scrub-heath on sandplain), the vegetation is representative of Beard vegetation 4801 (shrublands; heath with scattered *Nuytsia floribunda* on sandplain). Beard vegetation association 4801 has been extensively cleared in the Esperance Sandplains bioregion, remaining at 11 per cent of its pre-European extent (Government of Western Australia, 2016). However, given the size of the application area (0.091 hectares) the presence of weeds and potential dieback, and the presence of surrounding native vegetation in similar or better condition, the application area is not considered to be significant as a remnant of native vegetation in an area that has been extensively cleared.

The application area is not in close proximity to, or likely to impact the environmental values of, any conservation area.

Given the restricted size of the application area, condition of vegetation and presence of surrounding native vegetation, the application area is not likely to provide significant habitat for fauna and the proposed clearing is not likely to cause appreciable land degradation, cause deterioration in the quality of groundwater, or cause or exacerbate the incidence or intensity of flooding.

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

Methodology

References:
Government of Western Australia (2016)
Shire of Esperance (2017a)
Shire of Esperance (2017b)

GIS Databases:
Hydrography, linear
Imagery
NLWRA, current extent of native vegetation
Parks and Wildlife tenure
Rivers
SAC bio datasets (accessed May 2017)

Planning instruments and other relevant matters.

Comments The applicant has advised that the additional access road is proposed in order to separate the dump points for human and animal waste (Ref: A1364288).

The proposed clearing for the access road was originally applied for as an amendment to adjacent clearing permit CPS 5330/1. In the Shire's 2015 annual report for CPS 5330/1 it was noted that revegetation in accordance with condition 9 of clearing permit CPS 5330/1 has been unsuccessful. The Shire of Esperance withdrew the application to amend CPS 5330/1 on 8 March 2017, as actions to resolve this matter were outside of the scope of the amendment proposed by the Shire, and will be addressed via Department of Environment Regulation's (DER) Compliance and Enforcement.

The clearing permit application was advertised on DER's website on 30 March 2017 and in *The West Australian* newspaper on 3 April 2017 for a public submission period ending on 14 April 2017. No public submissions have been received in relation to this application.

4. References

- Government of Western Australia (2016). 2016 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2016. 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 Esperance (2017a) Myrup Truck Wash CPS 5330/1 Amendment. Shire of Esperance (DER REF: A1364288).
- Shire of Esperance (2017b) Further information provided by the applicant on 3 May 2017. Shire of Esperance (DER REF: A1422222).