



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 7476/1

File Number: 2011/006837

Duration of Permit: 20 May 2017 to 20 May 2019

PERMIT HOLDER

Shire of Denmark

LAND ON WHICH CLEARING IS TO BE DONE

View Road reserve (PIN 17748199), Shadforth.

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.05 hectares of native vegetation within the area cross-hatched yellow on attached Plan 7476/1.

CONDITIONS

Nil.

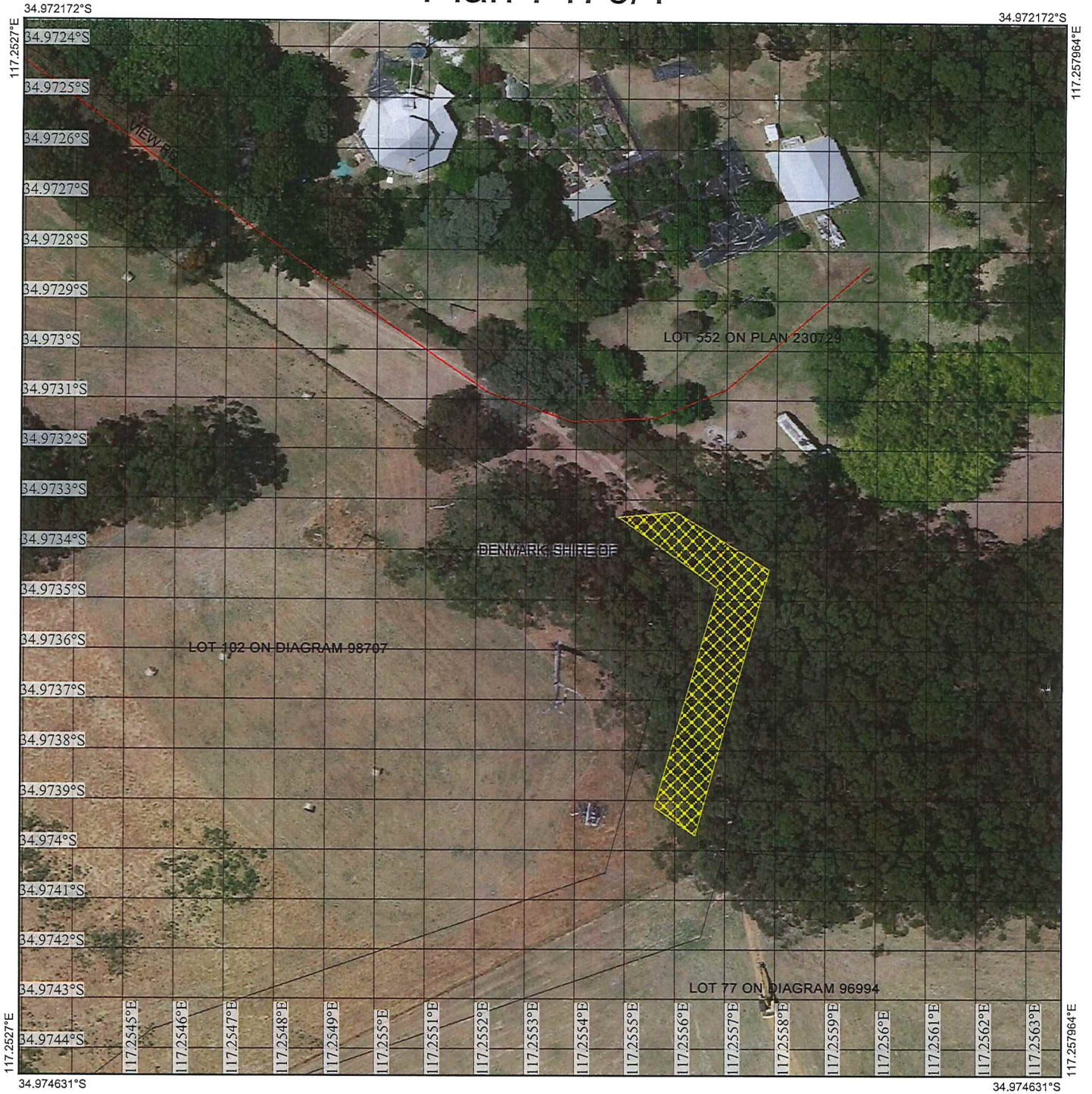
S. Weighell

Simon Weighell
A/MANAGER
CLEARING REGULATION

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

20 April 2017

Plan 7476/1



Legend

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



(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

S. Weigfeld Date *20/4/17*



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1. Application details

1.1. Permit application details

Permit application No.: 7476/1
Permit type: Area Permit

1.2. Proponent details

Applicant's name: Shire of Denmark

1.3. Property details

Property: View Road Reserve (PIN 17748199)
Local Government Authority: Shire of Denmark
DER Region: South Coast
DPaW District: Frankland
Localities: Shadforth

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.05	0	Mechanical Removal	Road construction or upgrades

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 20 April 2017
Reasons for Decision: This application was received on 13 February 2017.

The clearing application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O 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.

2. Background

2.1. Existing environment and information

Vegetation Description	Clearing Description	Vegetation Condition	Comment
Mapped Beard vegetation association 1 is described as Tall forest; karri (<i>Eucalyptus diversicolor</i>) (Shepherd et al., 2001)	The clearing of 0.05 hectares of native vegetation within View Road reserve (PIN 17748199), Shadforth for the purpose of road realignment.	Good; Vegetation structure significantly altered by very obvious signs of multiple disturbance. Retains basic vegetation structure or ability to regenerate it (Keighery, 1994)	The condition of the vegetation was determined by photographs provided by the applicant.
Mapped Mattiske vegetation complex Keystone (Kb) is described as Mosaic of tall open forest of <i>Eucalyptus guilfoylei</i> - <i>Eucalyptus jacksonii</i> - <i>Eucalyptus diversicolor</i> on slopes of major hills rising above coastal plain with <i>Allocasuarina decussata</i> - <i>Banksia grandis</i> - <i>Agonis flexuosa</i> on slopes in hyperhumid and perhumid zones and tall open forest of <i>Eucalyptus brevistylis</i> - <i>Eucalyptus marginata</i> subsp. <i>marginata</i> - <i>Corymbia calophylla</i> and the occasional <i>Eucalyptus megacarpa</i> near rock outcrops in hyperhumid and perhumid zones. (Mattiske and Havel, 1998).		To Very Good; Vegetation structure altered, obvious signs of disturbance (Keighery, 1994).	

3. Assessment of application against clearing principles

Comments The application to clear up to 0.05 hectares of native vegetation for the purpose of realignment of a road to within the road reserve is unlikely to have any significant environmental impacts. The vegetation within the application area is predominately regrowth *Eucalyptus* overstorey with a sedge understorey and is considered to be in a good to very good (Keighery, 1994) condition.

The local area (10km radius) retains approximately 45 per cent native vegetation cover (12655 hectares).

One species of priority flora may occur within the application area based on the presence of potentially suitable habitat, however given the extent of native vegetation in the local area and the relatively small size of the application area, the proposed clearing is not likely to impact on the conservation status of the priority flora.

Based on the size of the trees within the application area, it is unlikely the vegetation would provide breeding habitat for the black cockatoo species.

The vegetation within the application area is mapped as Beard vegetation association 1 and Mattiske vegetation complex Kb, which retain approximately 78 and 80 per cent of their pre-European vegetation extents at a bioregional level respectively (Government of Western Australia, 2016; Department of Parks and Wildlife, 2015).

Given the extent of native vegetation in the local area and the relatively small size of the application area, the proposed clearing is not likely to impact on rare flora, a priority or threatened ecological community, conservation reserves within the local area or significant fauna habitat and is not likely to be classified as clearing a significant remnant within a highly cleared landscape.

As no wetlands or watercourses are mapped within the application area and given its linear nature, the proposed clearing is not likely to impact on riparian vegetation, contribute to or cause land degradation, deteriorate the quality of ground water or surface water and is not likely to cause or exacerbate flooding.

Given the above, clearing the vegetation under application is not likely to be at variance to the clearing principles.

Methodology

References:

Department of Parks and Wildlife (2015)
Government of Western Australia (2016)
Keighery (1994)
Mattiske and Havel (1998)
Shepherd et al. (2001)

GIS Databases:

- Hydrography, linear
- Hydrography, hierarchy
- Parks and Wildlife tenure
- SAC bio datasets accessed 12 March 2017
- Virtual mosaic

Planning instruments and other relevant matters.

Comments The application is to clear 0.05 hectares of native vegetation within View Road reserve (PIN 17748199), Shadforth, for the purpose of realignment of a road to within the road reserve. The application was received on 13 February 2017.

The application was advertised on 2 March 2017 for a 14 day public submission period. No public submissions have been received in relation to this application.

No Aboriginal sites of significance have been mapped within the application area.

Methodology

GIS Databases:

- Aboriginal sites register system

4. References

- Department of Parks and Wildlife (2015) 2015 South West Forest and Swan Coastal Plain Vegetation Complex Statistics: a report prepared for the Department of Environment Regulation. Current as of March 2015. Department of Parks and Wildlife, Perth, Western Australia.
- 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.
- 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., 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.