



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7590/1
Permit Holder:	Shire of Murray
Duration of Permit:	24 November 2017 – 24 November 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.

2. Land on which clearing is to be done

Corio Road reserve (PIN 11605609), Ravenswood
Corio Road reserve (PIN 11605610), Ravenswood
Corio Road reserve (PIN 11605611), Ravenswood
Corio Road reserve (PIN 11605612), Ravenswood

3. Area of Clearing

The Permit Holder must not clear more than 0.0106 hectares of native vegetation within the area cross-hatched yellow on attached Plan 7590/1.

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

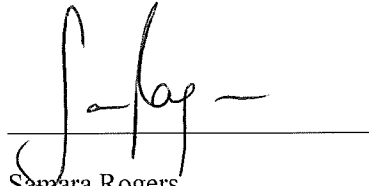
This Permit authorises the Permit Holder to clear native vegetation for the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

PART II – MANAGEMENT CONDITIONS

5. 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:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

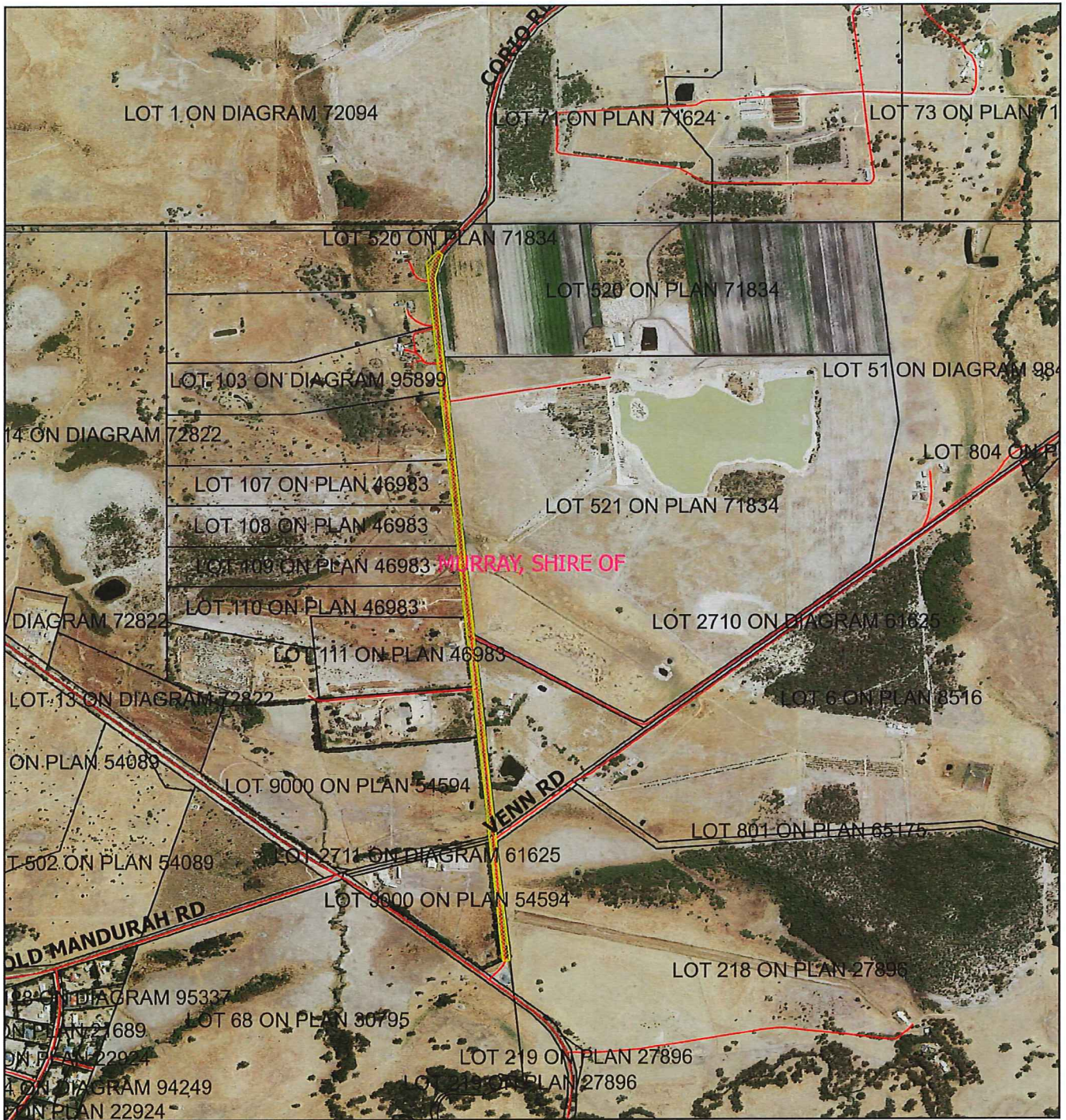


Samara Rogers
A/MANAGER
CLEARING REGULATION

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

25 October 2017

Plan 7590/1



Legend

-  Areas approved to clear
 -  Roads
 -  LGA
 -  Cadastre
- Virtual Mosaic (LGATE-V001)



1:11,639

MGA 94
Geocentric Datum of Australia 1994

Sam Ward
Sam Ward Rogers

Date: 25/10/17

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





1. Application details

1.1. Permit application details

Permit application No.: 7590/1
 Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Shire of Murray

1.3. Property details

Property: Corio Road reserve (PINs 11605609, 11605610, 11605611 and 11605612), Ravenswood
 Local Government Authority: Shire of Murray
 DER Region: Greater Swan
 DPaW District: Swan Coastal
 LCDC: Dandalup - Murray
 Localities: Ravenswood

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.0106		Mechanical Removal	Road widening

1.5. Decision on application

Decision on Permit Application: Granted
 Decision Date: 25 October 2017
 Reasons for Decision: The clearing permit application was received on 10 May 2017 and 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 at variance to principle (f), is not at variance to principle (d) and is not likely to be at variance to any of the clearing principles.

The Delegated Officer has determined that the proposed clearing is not likely to result in any significant environmental impacts.

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 within the application area is mapped as Heddle vegetation Bassendean complex - central and south, which is described as "vegetation ranges from woodland of <i>Eucalyptus marginata</i> (jarrah) - <i>Allocasuarina fraseriana</i> (sheoak) - <i>Banksia</i> species to low woodland of <i>Melaleuca</i> species, and sedgelands on the moister sites. This area includes the transition of <i>Eucalyptus marginata</i> (jarrah) to <i>Eucalyptus tottiana</i> (Pricklybark) in the vicinity of Perth" (Heddle et al., 1980).	The applicant has applied to clear up to 0.0106 hectares of native vegetation within Corio Road reserve for the purpose of road widening.	Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).	Vegetation description and condition were determined by officers from the former DER during a site inspection (DER, 2017). The application area is mostly cleared (DER, 2017).

A site inspection was conducted by officers from the former Department of Environment Regulation (DER) [now Department of Water Environmental and Regulation (DWER)] on 16 June 2017 (DER, 2017). Vegetation within the application area was observed to be in completely degraded (Keighery, 1994) condition, and contains one marri tree within the southern portion, and a low number of scattered *Eucalyptus* sp. and *Melaleuca* sp. within the remainder of the application area (DER, 2017).

3. Assessment of application against clearing principles

Comments The applicant proposes to clear up to 0.0106 hectares of native vegetation for the purpose of road widening.

The vegetation within the application area is in completely degraded (Keighery, 1994) condition with no native understorey, and consists of sparse native trees and shrubs (DER, 2017). Vegetation within the application area is not continuous, and is not likely to provide an ecological linkage along Corio Road. No trees within the application area were of a size suitable to provide black cockatoo nesting habitat (DER, 2017).

Given the condition of vegetation, there is a very low risk of impacts to rare or priority flora as a result of the proposed clearing. The vegetation within the application area does not represent a threatened or priority ecological community (DER, 2017).

The surrounding area has been extensively cleared for agricultural and residential land uses. The vegetation within the application area is in completely degraded (Keighery, 1994) condition, and no longer represents the mapped pre-European vegetation. Given this, the application area is not considered to be a significant remnant of native vegetation in an area that has been extensively cleared.

	Pre-European (ha)	Current Extent (ha)	Remaining (%)	Percentage of current extent in Parks and Wildlife Managed Lands
IBRA Bioregion* - Swan Coastal Plain	1,501,221.93	578,432.17	39	38
Shire* - Shire of Murray	170,583.58	87,478.69	51	84
Hedde Vegetation Complex in Swan Coastal Plain **				
Bassendean complex - central and south	87,476.26	22,462.66	26	5

The mapped boundaries of three wetlands intersect the application area, including a multiple use category floodplain, multiple use category palusplain, and a resource enhancement category sumpland. Given the degraded condition of vegetation, the vegetation associated with a watercourse or wetland is not likely to be significant. The proposed clearing is not likely to further impact the quality of surface water associated with the wetland.

There are no conservation areas within 10 kilometres of the application area.

Given the condition of native vegetation and size of the application area, 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 at variance to Principle (f), is not at variance to Principle (d), and is not likely to be at variance to the remaining clearing Principles.

Methodology

References:

DER (2017)

*Government of Western Australia (2016)

**Hedde et al. (1980)

Keighery (1994)

GIS Databases:

Geomorphic Wetlands (Classification), Swan Coastal Plain

Hydrography, linear

Imagery

NLWRA, current extent of native vegetation

Parks and Wildlife tenure

SAC bio datasets (accessed June 2017)

Planning instruments and other relevant matters.

Comments The former Department of Water (DoW) advised "the subject area is located within the proclaimed Dandalup River Surface Water Area, featuring the Dandalup River. Any activities that involve the disturbance of this water course will require a permit to interfere with bed and banks under Section 11, 17 and 21A of the *Rights in Water and Irrigation Act 1914*(RIWI Act)" (DoW, 2017). Based on this information, a bed and banks permit under the RIWI Act may be required.

Further advice from the DWER's Regulatory Services (Water) confirmed that the proposed clearing would not interfere with the banks of the North Dandalup River and that permits are not required under the RIWI Act (DWER, 2017).

The clearing permit application was advertised on DER's website on 26 May 2017 and in *The West Australian* newspaper on 29 May 2017 for a public submission period ending on 17 June 2017.

One submission was received, raising the following comments (Submission, 2017):

- the local area has been extensively cleared;
- the application did not state how much vegetation on each side of the road is to be cleared;
- the calculation of vegetation to be removed seemed low for the length of road to be widened;
- it is unacceptable to remove all native vegetation within the portion of the road reserve;
- the application area may impact rare and priority flora, and a flora survey should be conducted;
- the proposed clearing is not likely to benefit road safety;
- an area of equal size to the proposed clearing should be revegetated;
- the applicant should provide a close out report to DER and relevant stakeholders if a permit is granted; and
- several road safety recommendations.

Comments related to environmental impacts are addressed in the above assessment.

Methodology References:
DoW (2017)
DWER (2017)
Submission (2017)

4. References

- Department of Environment Regulation (DER) (2017) CPS 7588/1, CPS 7589/1 and CPS 7590/1 site inspection report. Department of Environment Regulation (DER REF: A1456780).
- Department of Water (DoW) (2017) Advice received from the Department of Water on 29 May 2017 (DER REF: A1440441).
- Department of Water and Environmental Regulation (DWER) (2017), Advice to Applicant regarding Permits on 9 October 2017 (DWER REF: A1545672).
- 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.
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Submission (2017) Submission received in relation to CPS 7588/1, CPS 7589/1 and CPS 7590/1 - Shire of Murray (DER REF: A1449410).



Government of Western Australia
Department of Water and Environmental Regulation

Your ref:
Our ref: CPS 7590/1
Enquiries: Lauren Gleeson
Phone: 6364 7161
Email: info-der@dwer.wa.gov.au

Dr Eddy Wajon
16 Eckersley Heights
WINTHROP WA 6150

Dear Dr Wajon

SUBMISSION ON APPLICATION TO CLEAR NATIVE VEGETATION UNDER THE ENVIRONMENTAL PROTECTION ACT 1986

Thank you for your correspondence dated 11 June 2017 providing comments in relation to clearing permit application CPS 7590/1, made by the Shire of Murray to clear 0.0106 hectares within Corio Road reserve (PINs 11605609, 11605610, 11605611 and 11605612), Ravenswood, for the purpose of road widening.

The area proposed to be cleared has been assessed, and a Delegated Officer of the Department of Water and Environmental Regulation (DWER) has determined the proposed clearing is at variance to principle (f), is not at variance to principle (d), and is not likely to be at variance to the remaining clearing principles.

The Delegated Officer granted clearing permit CPS 7590/1 for this application on 25 October 2017.

If you disagree with this decision, you may lodge an appeal with the Minister for Environment. An appeal must be in writing, set out the grounds of appeal, and be received by the Minister within 21 days of the decision to grant the permit. For further information on the appeals process, please contact the Office of the Appeals Convenor on telephone 6467 5190 or online at www.appealsconvenor.wa.gov.au.

Please be advised that information on this application can be accessed on DWER's website at www.der.wa.gov.au/your-environment/native-vegetation/27-clearing-permits.

If you have any queries regarding this application, please contact Clearing Regulation Officer Ms Lauren Gleeson on 6364 7161

Yours sincerely

Samara Rogers
A/MANAGER
CLEARING REGULATION

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

25 October 2017



1. Application details

1.1. Permit application details

Permit application No.: 7590/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Shire of Murray
Postal address: PO Box 21
PINJARRA WA 6208
Contacts: Name: Mr Grant Bilton Shire of Murray
Phone: 95317744
Fax: 95311981
Email: mailbag@murray.wa.gov.au

1.3. Property details

Property: Corio Road reserve (PINs 11605609, 11605610, 11605611 and 11605612), Ravenswood
Colloquial name: Shire of Murray
Local Government Authority: Greater Swan
DER Region: Swan Coastal
DPaW District: Dandalup - Murray
LCDC: Ravenswood

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.0106		Mechanical Removal	Road construction or upgrades

1.5. Correspondence in QA

Date: 25 October 2017
Description: Grant

2. Background

2.1. History

Date	Comments
19 October 2017	Email from applicant providing response from Peel region advising bed and banks not required (DWER REF: A1545672)
13 October 2017	Water advised that a bed and banks was deemed not required for this project (DWER REF:A1547650)
25 July 2017	Registered Post No: 51011818673014 - Delivery Confirmation - Advice Receipt dated 13/07/2017.
07 July 2017	Agreement in Principle sent to applicant. Bed and Banks permit due 7 October 2017 (DWER REF: A1469395).
11 June 2017	Email received from Mr Eddy Wajon (Wildflower Society Roadside Vegetation sub-committee) with attached submission. (DER REF: A1449410).
29 May 2017	Email received from Ms Catherine Taylor (DoW Mandurah WA) with attached letter of advice. (DER REF: A1440441).
25 May 2017	Direct Interest Email sent to Dandalup - Murray LCDC (DER REF: A1461378). Submissions required by 22 June 2017. Advice received from DoW (DER REF: A1440441)
25 May 2017	Application Accepted (DER REF: A1439434). Advertised online 26 May 2017 for 21 day submission period. Publication summary advertised in <i>The West Australian</i> on Monday 29 May 2017.
10 May 2017	Application received (DER REF: A1426777)

3. Contentious Issues / Notes to Decision Maker

Dr Eddy Wajon has made a submission on this application, CPS 7588/1 and 7589/1.

4. Applications in the local area

Below is a table of relevant applications from the local area.

CPS Number	Applicant	Distance	Decision	Conditions/comment
7588/1	Shire of Murray	6.5km north-west	Granted	Completely degraded vegetation. 0.012 hectares.
7589/1	Shire of Murray	7km south-west	Granted	Completely degraded vegetation. 18 trees.
7603/1	Shire of Murray	11km east	Granted	Nine trees - young eucalypts.