



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 7257/1
Permit Holder:	Shire of Mount Marshall
Duration of Permit:	3 December 2016 – 3 December 2021

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 upgrade.

2. Land on which clearing is to be done

Wialki Road reserve (PIN 11712147), Wialki

3. Area of Clearing

The Permit Holder must not clear more than 0.7 hectares of native vegetation within the areas cross hatched yellow on attached Plan 7257/1a and Plan 7257/1b.

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:

- (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.

Anne Mathews

Dr Anne Mathews
SENIOR MANAGER
CLEARING REGULATION

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

3 November 2016

Plan 7257/1a

30.511848°S

30.511848°S

118.112884°E

118.134817°E







118.112884°E

118.134817°E

30.526279°S

30.526279°S

Legend

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



0 500m

1:11,151

(Approximate when reproduced at A4)
GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

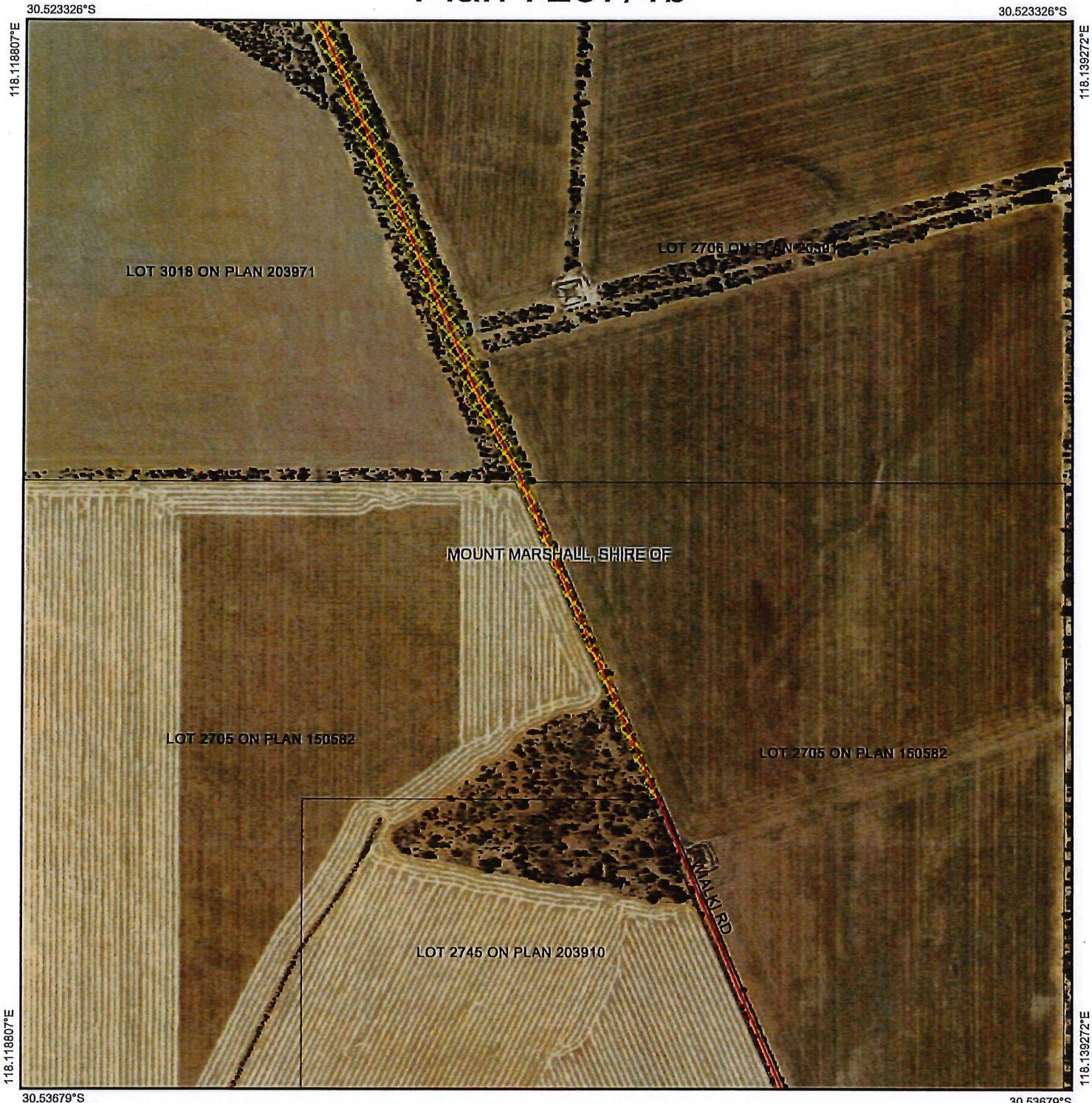
Anne Mathews Date *3/11/2016*
ANNE MATHEWS

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







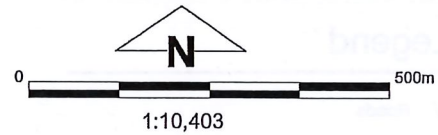
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WESTERN AUSTRALIA
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Plan 7257/1b



Legend

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



1:10,403
(Approximate when reproduced at A4)
GDA 94 (Lat/Long)
Geocentric Datum of Australia 1994

Jane Mathews Date *3/11/2016*
ANNE MATHEWS

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





1. Application details

1.1. Permit application details

Permit application No.: 7257/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Shire of Mount Marshall

1.3. Property details

Property: ROAD RESERVE - 11712147, WIALKI
Colloquial name:
Local Government Authority: MOUNT MARSHALL, SHIRE OF
DER Region: Greater Swan
DPaW District: CENTRAL WHEATBELT
LCDC:
Localities: WIALKI

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 3 November 2016
Reasons for Decision: The clearing permit 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.

Through assessment the Delegated Officer determined that the proposed clearing is unlikely to have any significant environmental impacts. State policies and other relevant policies have been taken into consideration in the decision to grant a clearing permit.

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
Beard vegetation association 142: Medium woodland; York gum & salmon gum (Shepherd et al., 2001).	The application is to clear 0.7 hectares of native vegetation within Wialki Road reserve (PIN 11712147), Wialki, for the purpose of undertaking road upgrade.	Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).	The condition of the vegetation under application was determined via aerial imagery.

3. Assessment of application against clearing principles

Comments The application is to clear 0.7 hectares of native vegetation within Wialki Road reserve (PIN 11712147), Wialki, for the purpose of undertaking road upgrade. The vegetation within the application area is in a degraded (Keighery, 1994) condition. The local area (10 kilometre radius) has approximately 52 per cent native vegetation cover remaining.

A total of two priority flora and three rare flora species have been mapped within the local area. Of the recorded priority and rare flora none have been mapped as occurring within the same soil and vegetation type as the application area. There have been no threatened ecological communities mapped within the local area. Two fauna species listed as rare or likely to become extinct under the *Wildlife Conservation Act 1950* have been recorded within the local area. The species are, chuditch (*Dasyurus geoffroii*) and malleefowl (*Leipoa ocellata*) (Department of Parks and Wildlife, 2007-).

Chuditch have a preference for eucalypt forest (especially *Eucalyptus marginata*), dry woodland and mallee shrublands and utilise horizontal hollow logs or earth burrows as dens or refuge (DotE, 2014). Malleefowl occur in shrublands and low woodlands that are dominated by mallee vegetation (DotE, 2015). Malleefowl require a sandy substrate and abundance of leaf litter to build nesting mounds (DotE, 2015).

Given the linear nature of the proposed clearing and the degraded (Keighery, 1994) condition of the vegetation, it is unlikely the application area consist of suitable breeding habitat for the chuditch and malleefowl. However, the proposed clearing may remove a component of vegetation that forms part of a local and regional wildlife corridor, whereby the overall width of the corridor within the road reserve will be reduced. However, the proposed clearing will not sever or fragment the corridor, and it is unlikely that it would significantly limit fauna movement within the landscape.

The National Objectives and Targets for Biodiversity Conservation includes 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 Avon Wheatbelt Interim Biogeographic Regionalisation of Australia (IBRA) bioregion and the Shire of Mount Marshall which retain approximately 19 and 62 per cent of their pre-European vegetation extent, respectively (Government of Western Australia, 2015). Although the Avon Wheatbelt IBRA bioregion has been highly cleared, there is 52 per cent of vegetation remaining in the local area and as the application area does not contain significant habitat for flora and fauna of conservation significance, it is considered that the application area is unlikely to be a significant remnant.

There have been no conservation areas mapped within the local area. Noting this, the application will not impact on conservation areas.

There are no wetlands or watercourses mapped within the application area. Given this, it is considered that the proposed clearing is unlikely to impact on vegetation growing in association with a wetland, deteriorate the quality of groundwater or surface water, or cause or exacerbate flooding. It is also considered that the proposed clearing is unlikely to contribute to or cause land degradation.

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

Methodology

References:

Commonwealth of Australia (2001)
Department of Parks and Wildlife (2007-)
Department of the Environment (2014)
Department of the Environment (2015)
Government of Western Australia (2015)
Keighery (1994)

GIS datasets:

Hydrography linear
Parks and Wildlife Tenure
SAC Bio datasets accessed October 2016

Planning instruments and other relevant matters.

Comments

A submission was received from the Mount Marshall Land Conservation District Committee who has no objection to the application as the committee has been informed by the shire that the clearing will be conducted only on the eastern side of the road reserve (Mount Marshall Land Conservation District Committee, 2016). The application provided from the applicant shows that clearing is required on both sides of the road reserve for realignment however, not all vegetation will be cleared within the road reserve.

Department of Parks and Wildlife, at officer level, have no objection to this application based on the outcomes from an onsite visit and desktop assessment (Department of Parks and Wildlife, 2016).

No registered Aboriginal Sites of Significance occur within the application area.

The application was advertised in *The West Australian* newspaper on 26 September 2016 for a 21-day submission period. No public submissions have been received.

Methodology

References:

Department of Parks and Wildlife (2016).
Mount Marshall Land Conservation District Committee (2016)

GIS datasets:

Aboriginal Sites of Significance

4. References

Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.

- Department of Parks and Wildlife (2016). Regional advice received in relation to Clearing Permit Application CPS 7257/1 (DER Ref:A1185097).
- Department of Parks and Wildlife (2007-) NatureMap: Mapping Western Australia's Biodiversity. Department of Parks and Wildlife. URL: <http://naturemap.dpaw.wa.gov.au/>. Accessed October 2016
- Department of the Environment (2014). *Myrmecobius fasciatus* in Species Profile and Threats Database, Department of the Environment, Canberra. Available from: <http://www.environment.gov.au/sprat>.
- Department of the Environment (2015) '*Leipoa ocellata*' in Species Profile and Threats Database, Department of the Environment, Canberra. Available from: <http://www.environment.gov.au/sprat>.
- Government of Western Australia (2015). 2015 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2015. 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.
- Mount Marshall Land Conservation District Committee (2016) Submission received in relation to Clearing Permit Application CPS 7257/1 (DER Ref:A1180912).
- 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.