



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 7412/1
File Number: 2015/001400-3
Duration of Permit: 1 April 2017 to 1 April 2019

PERMIT HOLDER

Shire of Boyup Brook

LAND ON WHICH CLEARING IS TO BE DONE

Lot 336 on Diagram 11985, Boyup Brook
Jackson Street Road reserve (PIN 11615949), Boyup Brook

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 13 native trees within the area hatched yellow on attached Plan 7412/1.

CONDITIONS

Nil.

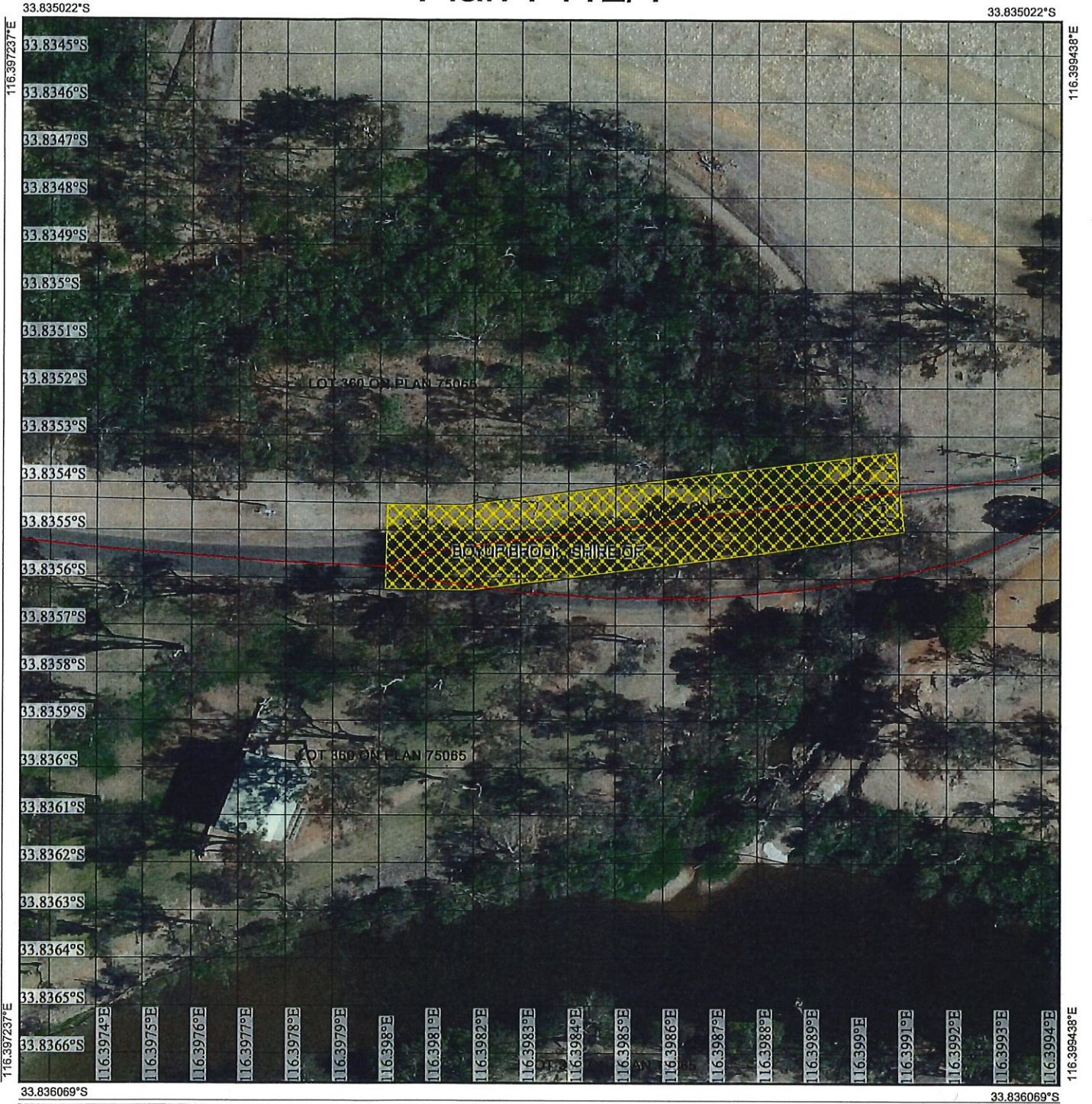
A handwritten signature in black ink, appearing to read "S. Weighell".

SIMON WEIGHELL
MANAGER
CLEARING REGULATION






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

2 March 2017

Plan 7412/1



Legend

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



1:1,079

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

S. Weighell Date *2/3/17*
 SIMON WEIGHELL

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



1. Application details

1.1. Permit application details

Permit application No.: 7412/1
Permit type: Area Permit

1.2. Applicant details

Applicant's name: Shire of Boyup Brook

1.3. Property details

Property: LOT 336 ON DIAGRAM 11985, BOYUP BROOK ROAD RESERVE - 11615949, BOYUP BROOK
Colloquial name: Jackson Street
Local Government Authority: SHIRE OF BOYUP BROOK
DER Region: Greater Swan
DPaW District: BLACKWOOD
Localities: BOYUP BROOK

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
	13	Mechanical Removal	Building or structure

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 02 March 2017
Reasons for Decision: The clearing permit application received on 16 December 2016 has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is at variance to principle (f) and is not likely to be at variance to the remaining clearing principles.

The Delegated Officer had regard to the clearing intersecting Boyup Brook and concluded that impacts to riparian vegetation and water quality are likely to be minimal. The Delegated Officer determined that the proposed clearing of 13 native trees is unlikely to have 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 application area is mapped as Mattiske vegetation complex CP1 (Condinup) described as low forest of <i>Eucalyptus rudis</i> - <i>Melaleuca raphiophylla</i> on valley floors and some <i>Corymbia calophylla</i> on valley slopes in the subhumid zone (Mattiske and Havel, 1998).	The application is for the clearing of 13 native trees located within Lot 336 on Diagram 11985 and Jackson Street Road reserve (PIN 11615949), Boyup Brook, for the purpose of bridge construction.	Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).	The condition of the vegetation was determined via photographs provided by the applicant (Shire of Boyup Brook, 2017).

3. Assessment of application against clearing principles

Comments The applicant proposes to clear 13 native trees within Lot 336 on Diagram 11985 and Jackson Street Road reserve (PIN 11615949), Boyup Brook, for the purpose of upgrading and widening the existing bridge over Boyup Brook. The 13 trees proposed to be cleared comprise ten *Eucalyptus rudis* (flooded gum) and three *Melaleuca raphiophylla* (paperbark) (Shire of Boyup Brook, 2017). The application area occurs within an area that has been previously cleared for road and bridge construction, and as a result has little to no understorey. Given this, the vegetation within the application area is considered to be in a completely degraded (Keighery, 1994) condition.

The vegetation within the application area does not include, or form supporting habitat for, priority flora, threatened ecological communities or priority ecological communities listed by the Department of Parks and Wildlife, or rare flora declared under the *Wildlife Conservation Act 1950*.

The trees within the application area are considered unlikely to represent significant habitat for conservation significant fauna given they do not contain any significant hollows.

Eucalyptus rudis and *Melaleuca raphiophylla* are common riparian plant species that typically grow in association with watercourses and wetlands (Water and Rivers Commission, 2000). The proposed clearing will impact on vegetation growing in association with Boyup Brook. Given little to no understorey species are present and the relatively small number of trees proposed to be cleared, no significant impacts to the watercourse are expected.

The vegetation within the application area has been identified as Condinup (CP1) Mattiske vegetation complex of which there is approximately 55 per cent pre-European native vegetation extent remaining (Parks and Wildlife, 2015). The local area (10 kilometre radius) retains approximately 25 per cent native vegetation cover.

The national objectives and targets for biodiversity conservation in Australia has a target to prevent clearance of ecological communities with an extent below 30 per cent of that present pre-1750, below which species loss appears to accelerate exponentially at an ecosystem level (Commonwealth of Australia, 2001). The local area retain less than the 30 per cent threshold, however, given the condition of the application area and its relatively small size, it is considered that the vegetation proposed to be cleared is not a significant remnant.

The proposed clearing is not considered likely to result in appreciable land degradation, impacts to conservation areas, significant deterioration in water quality, or flooding.

The assessment of the application identified that the proposed clearing is at variance to principle (f), and is not likely to be at variance to the remaining principles.

Methodology

References:

Commonwealth of Australia (2001)
Keighery (1994)
Parks and Wildlife (2015)
Shire of Boyup Brook (2017)
Water and Rivers Commission (2000)

GIS Databases:

SAC Bio Datasets accessed February 2017
Hydrography linear
NLWRA, Current Extent of Native Vegetation

Planning instruments and other relevant matters.

Comments

The application area is mapped within one Aboriginal Site of Significance, namely 'Blackwood River-Mythological'. The applicant will be notified of their obligations under the *Aboriginal Heritage Act 1972*.

The application was advertised for a 21 day public comment period in the *West Australian* newspaper on 23 January 2017. No public submissions were received.

Methodology

GIS Databases:
Aboriginal Sites of Significance

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- 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.
- 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.
- Shire of Boyup Brook (2017) Additional information provided by the applicant to support Application for a clearing permit CPS 7412/1. Western Australia (DER Ref: A1373979).
- Waters and Rivers Commission (2000). Wetland vegetation. Waters and Rivers Commission, Perth.