



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

### PERMIT DETAILS

Area Permit Number: CPS 6548/1  
File Number: DEC2011/006808-1  
Duration of Permit: 20 June 2015 to 20 June 2017

### PERMIT HOLDER

Shire of Boyup Brook

### LAND ON WHICH CLEARING IS TO BE DONE

Aegers Bridge Road reserve (PIN 11594171), Mayanup

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.08 hectares of native vegetation within the areas cross-hatched yellow on attached Plan 6548/1.

### CONDITIONS

#### 1. Dieback and weed 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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;

*weeds* 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.

A handwritten signature in black ink, appearing to read "M Warnock", written over a horizontal line.

M Warnock  
SENIOR MANAGER  
CLEARING REGULATION

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

21 May 2015

# Plan 6548/1




## Legend

 Areas approved to clear

— Roads

 Cadastre

 local\_gov\_authority

Virtual Mosaic

~



1:600

MSA 94

Geocentric Datum of Australia 1994

*M Warnock* Date *21/5/15*  
M Warnock

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



GOVERNMENT OF  
WESTERN AUSTRALIA



## 1. Application details

### 1.1. Permit application details

Permit application No.: 6548/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of Boyup Brook

### 1.3. Property details

Property: Aegers Bridge Road Reserve (PIN 11594171) Mayanup  
Local Government Authority: Shire of Boyup Brook  
DER Region: Greater Swan  
DPaW District: Blackwood  
LCDC: Boyup Brook  
Localities: Boyup Brook

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.08		Mechanical Removal	Crossover and associated sight line

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 21 May 2015

## 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
<p>Beard vegetation associations have been mapped for the whole of Western Australia and are useful to look at vegetation in a regional context. One Beard vegetation association has been mapped within the application area:</p> <p>992: Medium forest; jarrah and wandoo (<i>Eucalyptus wandoo</i>).</p> <p>One Mattiske vegetation complex has also been mapped over the application area:</p> <p>DM2: Woodland of <i>Eucalyptus wandoo</i> - <i>Eucalyptus marginata</i> subsp. <i>marginata</i> - <i>Corymbia calophylla</i> on uplands in semiarid and arid zones.</p> <p>The Shire of Boyup Brook (2015a) advises that vegetation within the application area is dominated by jarrah and wandoo, with a sparse understorey of <i>Acacia pulchella</i>, <i>Tetralia capillaris</i> and <i>Xanthorrhoea preissii</i>.</p>	<p>The Shire of Boyup Brook proposes to clear 0.08 hectares of native vegetation within the Aegers Bridge Road reserve, Mayanup, for the purpose of a crossover and associated sight line.</p>	<p>Good; Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994).</p>	<p>Vegetation condition was determined by supporting information provided by the applicant (Shire of Boyup Brook 2015a) and aerial imagery.</p>

## 3. Assessment of application against clearing principles

**Comments** The clearing of 0.08 hectares of native vegetation within the Aegers Bridge Road reserve is for the purpose of a crossover and associated sight line. From available aerial imagery and supporting information provided by the applicant, a total of ten jarrah (*Eucalyptus marginata*) and Wandoo (*Eucalyptus wandoo*) trees appear to be wholly or partially within the application area, including one large tree and several smaller trees. Vegetation

within the application area is in a good (Keighery 1994) condition, with no remaining midstorey and a sparse understorey of mixed native and weed species (Shire of Boyup Brook 2015a).

The application area does not intersect any Threatened Ecological Communities or Priority Ecological Communities.

A total of two rare and four Priority flora species have been recorded within 10 kilometres of the application area (Parks and Wildlife 2007-). The first species is known from one population that occurs in small fissures on a lateritic ridge (Department of the Environment 2015), and the second occurs adjacent to rivers and seasonal creeks (Western Australia Herbarium 1998-). Based on habitat type, neither rare flora species is considered likely to occur within the application area. Of the four Priority species recorded near the application area, two occur within Jarrah forest habitat and have limited distributions (Western Australia Herbarium 1998-). However, advice from the Department of Parks and Wildlife (Parks and Wildlife 2015a) did not indicate that the application area was likely to support any flora species of conservation significance, and the proposed clearing is therefore unlikely to impact on the conservation of the aforementioned Priority flora.

A search of the Naturemap database returned records for 77 bird, eight mammal, two reptile, four amphibian and five invertebrate species within a 10 kilometre radius of the application area, including 13 species of conservation significance (Parks and Wildlife 2007-). The application area is mapped as unconfirmed Carnaby's cockatoo feeding habitat, and contains tree species that are suitable for foraging and roosting by Carnaby's cockatoo (*Calyptorhynchus latirostris*; Schedule 1), Baudin's cockatoo (*Calyptorhynchus baudinii*; Schedule 1) and the Forest Red-tailed Black-cockatoo (*Calyptorhynchus banksii* subsp. *naso*; Schedule 1), all of which have been recorded within 10 kilometres of the application area (Parks and Wildlife 2007-). The application area may also provide roosting habitat for Muir's Corella (*Cacatua pastinator* subsp. *pastinator*; Schedule 3), the Barking Owl (*Ninox connivens* subsp. *connivens*; Priority 2) and the Masked Owl (*Tyto novaehollandiae* subsp. *novaehollandiae*; Priority 3). Based on photographic data provided by the applicant, understorey vegetation within the application area is sparse and unlikely to be important on a local or regional scale as an ecological linkage for fauna dispersal. An observational survey was conducted to identify trees of high habitat value within the application area on 16 and 24 March 2015 (Shire of Boyup Brook 2015a). No hollows were identified from the ground, however advice received from Parks and Wildlife (2015a) indicates that one large Jarrah tree within the application area is likely to develop hollows with age and may provide future roosting value to native fauna. The applicant has advised that this tree currently obstructs the line of site to the crossover for heavy vehicles that regularly use Aegers Bridge Road, and therefore was not excluded from the application area (Shire of Boyup Brook 2015b).

While one tree within the application area may provide hollows in the future, hollows were observed in trees that surround the application area. With consideration to the vegetation condition within the application area and the availability of fauna habitat in the surrounding area, the proposed clearing is unlikely to impact significant habitat for any fauna indigenous to Western Australia and is unlikely to impact native fauna on a local or regional scale.

The proposed clearing occurs within a highly cleared rural landscape, within which approximately 25 per cent of native vegetation remains within a 10 kilometre radius. Vegetation within the application area is mapped as Beard vegetation association 992 and Mattiske vegetation complex DM2. While approximately 26 per cent and 35 per cent of these vegetation associations remain at the bioregional level, respectively (Government of Western Australia 2013; Parks and Wildlife 2015b), midstorey and understorey vegetation within the application area is partly degraded or absent, and the vegetation proposed to be cleared no longer represents the mapped Beard and Mattiske vegetation associations (Shire of Boyup Brook 2015a). The proposed clearing is therefore not considered to represent a significant remnant due to both the limited clearing area (0.08 hectares) and partly degraded condition.

The application area has a 30 per cent weed cover of Veldt Grass (*Ehrharta erecta*) and Wild Oats (*Avena fatua*) (Shire of Boyup Brook 2015a), and the application area is within the high risk zone for dieback (*Phytophthora cinnamomi*). The potential for weeds and dieback to spread as a result of the proposed clearing may be minimised by the implementation of dieback and weed management practices.

The nearest conservation area is 3.5 kilometres north of the application area and is a Parks and Wildlife 'Land for Wildlife' site.

Based on the degraded condition and size of the application area, the proposed clearing is not likely to impact on water quality, cause or exacerbate land degradation, or increase the incidence or intensity of flooding.

Based on the above, the proposed clearing is not likely to be at variance to Principles (a), (b), (c), (d), (e), (g), (h), (i) and (j), and is not at variance to Principle (f).

## Methodology

Department of the Environment (2015)  
Government of Western Australia (2013)  
Parks and Wildlife (2007-)  
Parks and Wildlife (2015a)  
Parks and Wildlife (2015b)  
Shire of Boyup Brook (2015a)  
Shire of Boyup Brook (2015b)  
Western Australian Herbarium (1998-)  
GIS Database:

- Carnaby's Cockatoo Feeding JF Unconfirmed
- Parks and Wildlife Tenure
- Hydrography, linear
- Imagery
- NLWRA, Current Extent of Native Vegetation
- Pre-European Vegetation
- Threatened and Priority Ecological Communities (TEC PEC) - Buffers

#### Planning instruments and other relevant matters.

**Comments** The current application proposes to clear up to 0.08 hectares of native vegetation along one side of Aegers Bridge Road reserve for the purpose of a crossover and associated sight line. While a crossover already exists on Aegers Bridge Road, it is located in an area that is not sufficiently visible to heavy vehicles that frequently use the road. The application area has been located to maximise the safety of the crossover (Shire of Boyup Brook 2015a).

There are no registered Sites of Aboriginal Significance located in the area applied to clear.

The clearing permit application was advertised on 4 May 2015 by the Department of Environment Regulation inviting submissions from the public. There were no submissions received.

**Methodology** Shire of Boyup Brook (2015a)  
GIS Database:  
- Aboriginal Sites Register System

#### 4. References

- Department of the Environment (2015) *Commersonia erythrogyna* in Species Profile and Threats Database, Department of the Environment, Canberra. <http://www.environment.gov.au/sprat> (Accessed May 2015).
- Parks and Wildlife (2007-) Naturemap: Mapping Western Australia's Biodiversity. Department of Parks and Wildlife, Perth. <http://naturemap.dpaw.wa.gov.au/default.aspx> (Accessed May 2015).
- Parks and Wildlife (2015a) Advice provided to the assessing officer on 6 May 2015.
- Parks and Wildlife (2015b) 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 (2013) 2013 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2013. WA Department of Parks and Wildlife, Perth.
- Shire of Boyup Brook (2015a) Preliminary assessment of existing vegetation adjacent to Lot 2333 on Aegers Bridge Road, Boyup Brook. Report prepared by Jodi Wildy for the Shire of Boyup Brook, April 2015.
- Shire of Boyup Brook (2015b) Additional information provided to the assessing officer on 11 May 2015.
- Western Australian Herbarium (1998-) FloraBase - The Western Australian Flora. Department of Parks and Wildlife. <http://florabase.dpaw.wa.gov.au/> (Accessed May 2015).