



GOVERNMENT OF  
WESTERN AUSTRALIA

## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 3559/1

File Number: DEC14271

Duration of Permit: From 11 April 2010 to 11 April 2012

### PERMIT HOLDER

Shire of York

### LAND ON WHICH CLEARING IS TO BE DONE

Road Reserve (Talbot, 6302 – PIN11268447)

Road Reserve (Talbot, 6302 – PIN11268452)

Road Reserve (Talbot, 6302 – PIN11268448)

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.7 hectares of native vegetation within the hatched yellow on attached Plan 3559/1.

### CONDITIONS

Nil

A handwritten signature in black ink, appearing to be 'Kelly Faulkner', written over a horizontal line.

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

18 March 2010

# Plan 3559/1



## LEGEND

### Clearing Instruments

- Areas Approved to Clear
- Road Centrelines

### Cadastre for labelling

Beverley 50cm Orthomosaic - Landgate 2006



0 300 m

Scale 1:10060

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected - this may result in geometric distortion or measurement inaccuracies.

Date 18/3/10

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

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend



Department of Environment and Conservation

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\* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



## 1. Application details

### 1.1. Permit application details

Permit application No.: 3559/1

Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Shire of York

### 1.3. Property details

Property: ROAD RESERVE ( TALBOT 6302)

ROAD RESERVE ( TALBOT 6302)

Local Government Area:

Colloquial name: Unnamed Road Reserves south of McDougall Road

### 1.4. Application

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

## 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 Association: 4 - Medium Woodland; Marri &amp; Wandoo (Shepherd, 2007)</p> <p>Mattiske: Y6: Woodland of Eucalyptus wandoo-Eucalyptus accedens, less consistently open forest of Eucalyptus marginata fs24 subsp. thalassica-Corymbia calophylla on lateritic uplands and breakaway landscapes in arid and perarid zones. Mi: Open woodland of Eucalyptus wandoo over Acacia acuminata with some Eucalyptus loxophleba on valley slopes, with low woodland of Allocasuarina huegeliana on or near shallow granite outcrops in arid and perarid zones. Ce: Mosaic of open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla (subhumid zone) and open forest of Eucalyptus marginata subsp. thalassica-Corymbia calophylla (semiarid and arid zones) and on deeper soils adjacent to outcrops, closed heath of Myrtaceae-Proteaceae species and lithic complex on granite rocks and associated soils in all climate zones, with some Eucalyptus laeliae (semiarid), and Allocasuarina huegeliana and Eucalyptus wandoo (mainly semiarid to perarid zones). (Mattiske, 1998)</p>	<p>The application is to clear 0.7 hectares of native vegetation within unnamed road reserves in the Shire of York for the purpose of road construction. The vegetation is considered to be in a good (Keighery, 1994) condition consisting of predominately Allocasuarina and Wandoo trees with minimal native understorey (DEC, 2010).</p>	<p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p>	<p>The vegetation condition was assessed through aerial photography and a site visit (DEC, 2010).</p>

## 3. Assessment of application against clearing principles

### Comments

The proposal to clear up to 0.7 hectare of native vegetation for the purpose of road construction. The vegetation

is considered to be in a good (Keighery, 1994) condition and has been classified as vegetation dominated by Allocasuarina and Wandoo species, with a predominately introduced ground cover (DEC, 2010).

There are no declared rare flora species or threatened ecological communities in the vicinity of the project. The vegetation to be cleared is near a large parcel of Land for Wildlife vegetation, and the clearing of 0.7ha would not have a significant impact on fauna.

Beard vegetation association (4) has 24.24% vegetation remaining within the Jarrah Forest bioregion and Mattiske vegetation Association (Mi) has 26.37% vegetation remaining. 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, EPA 2000). There is ~ 50% native vegetation remaining within the local area (10km radius). Given the vegetation does not support a high level of biodiversity, or hold significant habitat for flora or fauna, the vegetation under application is not considered to be significant in a highly cleared landscape.

The proposed clearing for road works may cause some short term water quality issues in terms of localised surface water sedimentation and flooding during works. However, these issues should be minimised as road works will include roadside infrastructure to prevent water quality issues and flooding associated with roads (ie table drains and culverts).

It is considered that the proposed clearing is not likely to be at variance to any of the clearing principles.

#### Methodology

References:

DEC (2010)

Keighery (1994)

GIS Database:

- CALM Managed Lands & Waters - CALM 01/06/05
- Hydrogeographic Catchments, Catchments - DoW 01/06/07
- Hydrogeology, statewide - DOW 13/07/06
- Hydrography, linear DOW 13/7/06
- Mattiske Vegetation Complexes (01/03/1998)
- Pre-European vegetation - DA 01/01
- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05
- SAC Biodatasets 050210

#### Planning instrument, Native Title, Previous EPA decision or other matter.

##### Comments

There are no aboriginal sites of significance within the application area.

Roadside Conservation Committee provided comments on the proposal. RCC suggest that the Shire of York seek alternative routes and if no other routes exist minimize that amount of clearing required (RCC, 2010).

A public submission (DEC TRIM Ref: DOC119682) was received stating that they did not have a issue with application, however provided two options:

1. The Shire purchase cleared land on west side of road reserve to construct the road.
2. Clear to the west side of the road reserve leaving a larger fauna corridor down one side of the road reserve.

The above options have been addressed as follows:

1. The Shire of York have advised DEC that purchasing land outside of the road reserve will be too costly as it will also include resurveying the road.
2. A letter to the Shire of York will incorporate concerns regarding clearing within the middle of the road reserve and will suggest clearing to one side of the road reserve only.

##### Methodology

RCC (2010)

GIS Database:

- Clearing Regulations, Environmentally Sensitive Areas 30 May 2005
- Aboriginal Sites of Significance 26 April 2007

#### 4. Assessor's recommendations

##### Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing is not likely to be at variance to any of the clearing Principles.

#### 5. References

DEC (2010) Site Inspection Report for Clearing Permit Application CPS 3559/1, Unnamed road reserves, Shire of York. Site inspection undertaken 23/02/2010. Department of Environment and Conservation, Western Australia (TRIM Ref.

DOC121262).

Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

RCC (2010). Advice received from Roadside Conservation Committee. DEC TRIM Ref: DOC121214.

Shepherd, D.P. (2007). Adapted from: Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.

## 6. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment (now DEC)
DMP	Department of Mines and Petroleum (ex DoIR)
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)