



## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Area Permit Number: 4196 / 1  
File Number: 2011/000568 - 1  
Duration of Permit: 11 April 2011 to 11 April 2013

### **PERMIT HOLDER**

Ronald Jeffrey McLean

### **LAND ON WHICH CLEARING IS TO BE DONE**

LOT 1 ON DIAGRAM 28197 (House No. 1743 Yenyening Lakes Bally Bally 6304)

### **AUTHORISED ACTIVITY**

Clearing of up to 8 hectares of dead, native vegetation within the area cross-hatched yellow on attached Plan 4196/1.

### **CONDITIONS**

Nil.

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

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

17 March 2011

# Plan 4196/1



## LEGEND

### clearing instruments

- Areas Approved to Clear
- Cadastre for labelling

Brookton 80cm Orthomosaic -  
Landgate 2005



0 ~200 m

Scale 1:7085  
(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.

*[Signature]* Date 17/3/11

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. This data has not been quality assured. Please contact map author for details.





## 1. Application details

### 1.1. Permit application details

Permit application No.: 4196/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Ronald McLean

### 1.3. Property details

Property: LOT 1 ON DIAGRAM 28197 (House No. 1743 YENYENING LAKES BALLY BALLY 6304)  
Local Government Area:  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
8		Mechanical Removal	Restoration

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 17 March 2011

## 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: 1049 - Medium woodland; wandoo, York gum, salmon gum, morrel & gimlet	Degraded remnant of medium woodland; wandoo, York gum, salmon gum, morrel & gimlet	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation condition derived from aerial imagery and comment taken from applicant's application form received 7 February 2011.
Beard Vegetation Association: 947 - Medium woodland; powderbark & mallet	Degraded remnant of Medium woodland; powderbark & mallet.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	As above.

## 3. Assessment of application against clearing principles

### Comments

The proposal to clear up to 8 hectares of dead, native vegetation only for the purpose of rehabilitating and revegetating a degraded site is not likely to have any significant environmental impacts. The site is described as being in poor condition due to the edge effects of agricultural activities with severe weed infestation. It contains a large proportion of dead *Acacia acuminata* amongst scattered, living *Eucalyptus loxophleba*, *Acacia acuminata* and *Allocasuarina heugliana* species (applicant's advice; aerial imagery). The scattered vegetation remaining is considered to be in a degraded (Keighery, 1994) condition.

There are no declared rare flora or threatened ecological communities in the local area (10km radius).

The local area has elevated ground water salinity levels, but this is to be expected in a highly cleared landscape.

The local area has been historically cleared for agricultural purposes leaving approximately 30% (Shepherd, 2009) of native vegetation as fragmented remnants. Given the degraded nature of the area under application, it is considered unlikely to be used as fauna habitat, that the proposal will not cause or exacerbate land degradation or flooding and water quality will not be reduced any further.

Therefore, it is considered that the proposal to clear is not likely to be at variance to any of the clearing

principles.

#### Methodology

##### References:

- Keighery (1994)
- Shepherd (2009)

##### GIS Datasets:

- Clearing Regulations - Environmentally Sensitive Areas
- Pre-European vegetation
- Hydrography, linear
- EPP, Areas
- Soils, statewide
- Groundwater Salinity, statewide
- DEC Managed Lands & Waters
- SacBioData sets (accessed March 2011)

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

##### Comments

No submissions from the public have been received.

The applicant advised clearing is part of a much larger project which is being conducted with the assistance of a grant given through the wheatbelt NRM. The NRM grant covers the clearing of the area outlined. The term clearing here as such is a broad term, for there will not be any live trees removed, only dead ones picked up. This area then will be replanted to a native stand of biodiverse trees consisting of around twenty different species including shrubs, bushes, mid and high level trees. There will be around 8000 trees plus 800 sandalwood seeds.

Further, this is only one of three parts to this project. The other two parts include Pasture cropping an area of approximately 14 ha using native and subtropical per-annual pasture species. As well as rebuilding a creek system of approximately 1ha by slowing down the water flow and allowing the native grasses to return by implementing fences to exclude stock from these three areas. This project sits broadly under the natural sequence farming technique developed by Peter Andrews. This project will be one of the first of its kind trialled here in WA (DEC Ref: A3368563).

##### Methodology

#### 4. References

- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Shepherd, D.P. (2009) 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.

#### 5. 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
DoIR	Department of Industry and Resources
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)