



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 5273/1
<b>Permit Holder:</b>	Shire of Moora
<b>Duration of Permit:</b>	23 November 2012 – 23 November 2017

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

**1. Purpose for which clearing may be done**

Clearing for the purpose of improving sight distance.

**2. Land on which clearing is to be done**

Miling-Moora Road reserve (PIN11782745 and PIN11428612) Moora

**3. Area of Clearing**

The Permit Holder must not clear more than 0.1 hectares of native vegetation within the area shaded yellow on attached Plan 5273/1.

**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.

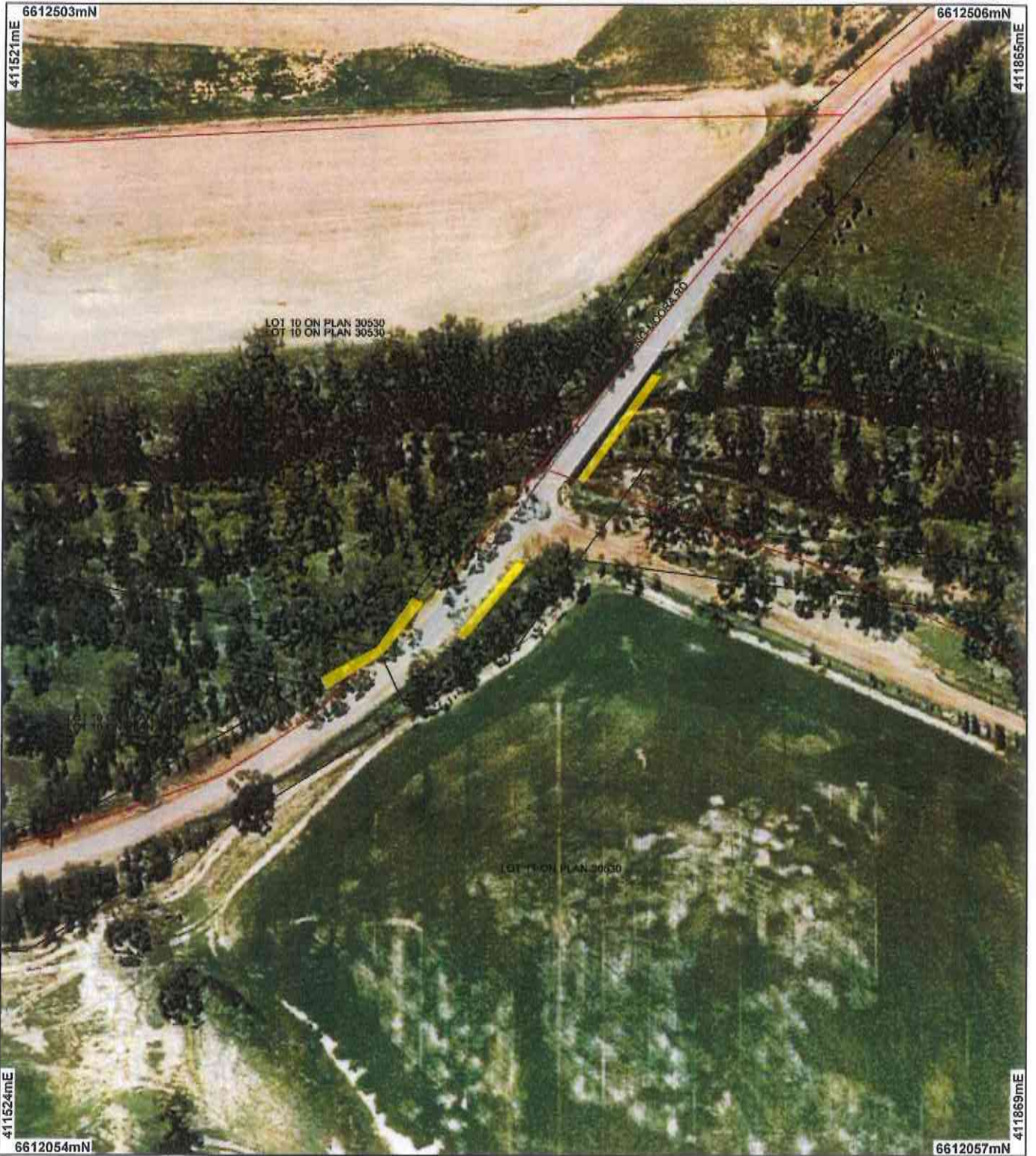
Roxane Shadbolt

Roxane Shadbolt  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

1 November 2012

# Plan 5273/1



## LEGEND

- Controlines
- Clearing Instruments
- Moora 50cm Orthomosaic - Landgate 2008



Scale 1:2000

(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.

R. Shadbolt Date 1/1/12

Roxane Shadbolt

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.: 5273/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Shire of Moora

### 1.3. Property details

Property: ROAD RESERVE (MOORA 6510)  
Local Government Area: Shire of Moora  
Colloquial name: Miling-Moora Road reserve, Moora

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 1 November 2012

## 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 and salmon gum (Shepherd et al. 2001).	The application is to clear up to 0.1 hectares of native vegetation within the Miling-Moora Road reserve, Moora, for the purpose of improving sight distance.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994).	Vegetation description and condition were determined through aerial imagery (Moora 50cm Orthomosaic - Landgate 2008) and information provided by proponent (Shire of Moora 2012).
	The vegetation has an overstorey of <i>Eucalyptus loxophleba</i> and <i>Allocastrum</i> , a middle storey of <i>Acacia</i> sp. and a groundcover of exotic weeds (DEC 2012).	To Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994).	

## 3. Assessment of application against clearing principles

### Comments

The application is to clear up to 0.1 hectares of native vegetation within the Miling-Moora Road reserve, Moora, for the purpose of improving sight distance. The vegetation is in good to completely degraded (Keighery 1994) condition.

There are no priority or rare flora species, priority or threatened ecological communities mapped within close proximity to the application area.

There are four threatened, three protected under international agreement, five priority and two specially protected fauna species within the local area (10 kilometre radius) (DEC 2007-). Given the condition of the vegetation, it is unlikely that the application area comprises significant habitat for any native fauna.

The Shire of Moora retains approximately 16 per cent of pre-European levels of vegetation and the local area retains approximately 10 per cent native vegetation. Beard vegetation type 142 has approximately 12 per cent of the pre-European extent remaining within the bioregion.

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).

Although the local area contains less than 30 per cent remaining vegetation, due to the size and the condition of the vegetation it is not considered to be a significant remnant.

The application area is intersected by the Moore River. Therefore the proposed clearing may be at variance to principle (f). During works, the proposed clearing may cause short term water quality issues, such as localised surface water sedimentation. However, these issues are likely to be minimal.

The only Department of Environment and Conservation (DEC) managed land within the local area (10 kilometre radius) is an unnamed nature reserve located approximately 8.5 kilometres north of the application area.

Given the small area under application, the incidence and intensity of flooding is unlikely to increase as a result of the proposed clearing.

Given the above, the proposed clearing may be at variance to principle (f) and is not likely to be at variance to the remaining principles.

**Methodology**    References:  
Commonwealth of Australia 2001  
DEC 2007-  
Keighery 1994

GIS Databases:  
- DEC Managed Lands  
- Hydrography, Linear  
- Moora 50cm Orthomosaic - Landgate 2008  
- NLWRA, Current extent of Native Vegetation  
- Pre European Vegetation  
- SAC Biodatasets  
- Soils, Statewide

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

##### **Comments**

Main Roads Western Australia has agreed in principle to funding of the works (black spot), dependent upon DEC granting a clearing permit (Shire of Moora 2012).

No public submissions have been received in responses to this application.

**Methodology**    References:  
Shire of Moora 2012

#### **4. References**

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- DEC (2007 - ) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 05/10/2012.
- DEC (2012) Site Inspection Report for Clearing Permit Application CPS 5273/1. Miling-Moora Road reserve, Moora. Site inspection undertaken 24/10/2012. Department of Environment and Conservation, Western Australia (DEC REF: A560060).
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, 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.
- 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.
- Shire of Moora (2012) Clearing Permit Application CPS 5273/1 - Miling-Moora Road reserve, Moora (DEC REF: A546730).

#### **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)