



## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Area Permit Number: 4657/1

File Number: 2011/009547-1

Duration of Permit: From 28 December 2013 to 28 December 2015

### **PERMIT HOLDER**

Luciano Domenico Monte

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

Lot 51 on Plan 22740, Karakin

### **AUTHORISED ACTIVITY**

The Permit Holder shall not clear more than 250 native trees within the area hatched yellow on attached Plan 4657/1.

### **CONDITIONS**

Nil.

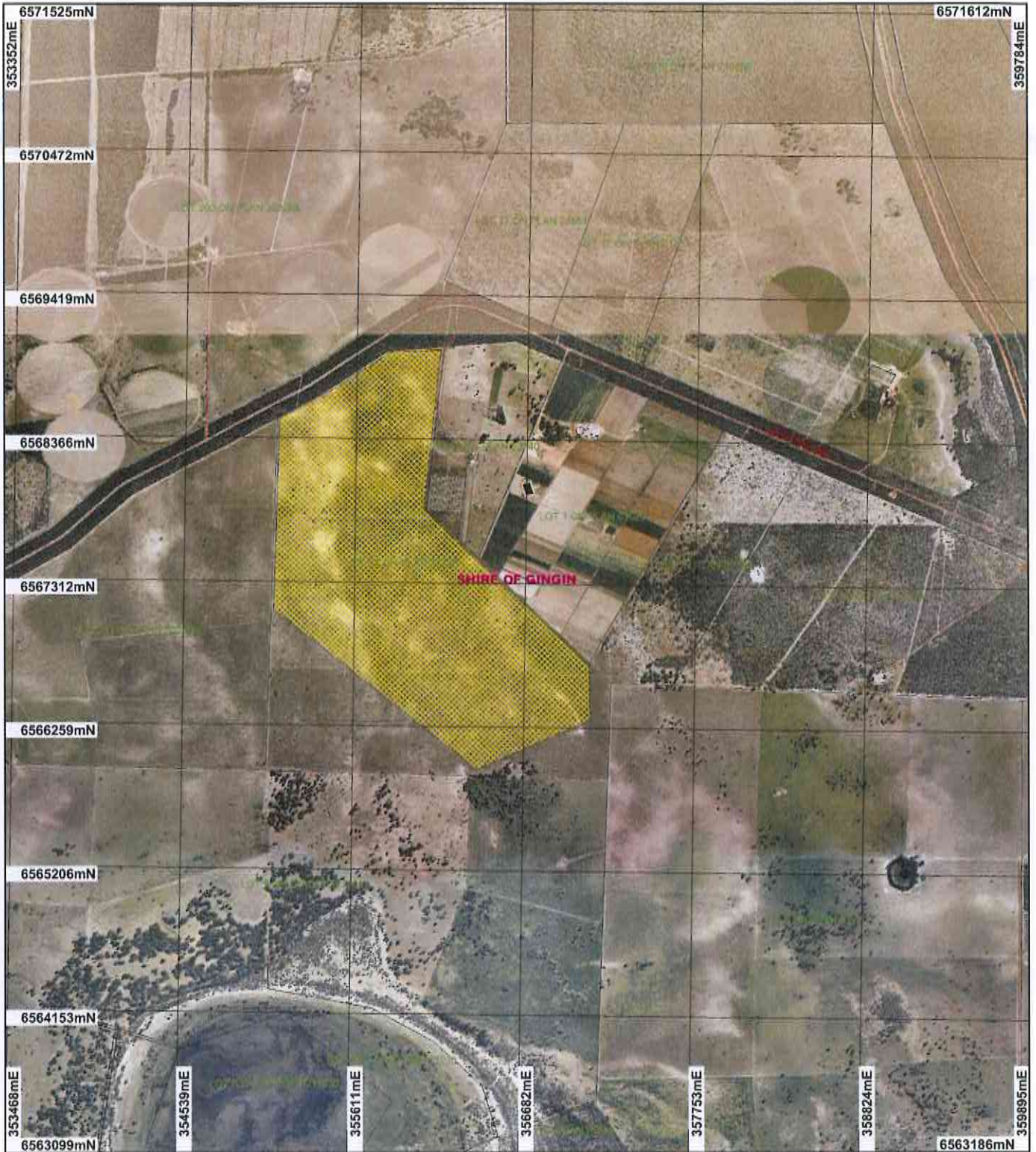
A handwritten signature in cursive script, appearing to read "M Warnock", written over a horizontal line.

M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

28 November 2013

# Plan 4657/1



## LEGEND

- Road Centrelines  
Cadastral
- Local Government  
Authorities
- Clearing Instruments
- Areas Approved to Clear
- Ledge Point 50cm  
Orthomosaic - Landgate  
2008
- Gingin 50cm Orthomosaic -  
Landgate 2008
- Wedge Island 1.4m  
Orthomosaic - Landgate  
2004



Scale 1:37417  
(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.

*M. Warnock* Date 28/11/13

M. Warnock  
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.



Government of Western Australia  
Department of Environment Regulation

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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.: 4657/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Luciano Domenico Monte

### 1.3. Property details

Property: LOT 51 ON PLAN 22740 (KARAKIN 6044)  
Local Government Area: Shire of Gingin

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 28 November 2013

## 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: 949 - Low woodland; banksia (Shepherd et al, 2001).</p> <p>Heddle Vegetation Complex: Karakatta Complex-North - Predominantly low open forest and low woodland of Banksia species E- Eucalyptus todtiana (Pricklybark), less consistently open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus todtiana (Pricklybark) - Banksia species (Heddle et al., 1980).</p>	<p>The clearing consists of 250 native trees within an approximately 323 hectare footprint on Lot 51 on Plan 22740 Karakin, Shire of Gingin, for the purpose of constructing nine irrigation pivots, two dams and associated sheds for horticulture.</p>	<p>Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)</p>	<p>The area under application is parkland cleared farmland that is divided into paddocks and is currently stocked with low numbers of sheep (DEC, 2011).</p> <p>The vegetation under application consists of individual paddock trees and small isolated stands of native trees, predominantly Eucalyptus todtiana, over a dense understorey of weeds and pasture species including African love grass, lupins, rye grass, annual and perennial veldt grass, wild oats, sour thistle and wild radish (DEC, 2011).</p> <p>Vegetation description and condition was determined through site inspection conducted by the former Department of Environment and Conservation in November 2011 (DEC, 2011).</p>

## 3. Assessment of application against clearing principles

### Comments

The application is to clear up to 250 native trees within Lot 51 on Plan 22740, Karakin, Shire of Gingin, for the purpose of constructing nine irrigation pivots, two dams and associated sheds for horticulture.

The vegetation consists of scattered individual and small stands of native paddock trees, predominantly Eucalyptus todtiana, over weeds and pasture species and is in completely degraded (Keighery, 1994) condition.

The vegetation is not representative of the mapped vegetation types and is not considered to hold high biodiversity values on a local or regional scale.

The proposed clearing is not likely to impact upon flora, fauna or ecological communities of conservation significance, nor is it likely to result in appreciable land degradation (CSLC, 2011).

There are no watercourses in the vicinity of the application area and the proposed clearing is not likely to impact upon surface or ground water quality.



Considering the above, the proposed clearing is not likely to be at variance to the clearing principles.

- Methodology**    References:  
CSLC, 2011  
Keighery, 1994  
GIS Databases:  
- Ledge Point 50cm Orthomosaic - Landgate 2008  
- Heddle Vegetation Complexes  
- Hydrography, linear  
- Pre European Vegetation  
- SAC Bio datasets - Accessed 10/11

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

#### Comments

The proposed clearing of up to 250 native trees is for the development of intensive horticultural pursuits on the broadacre agricultural property. The Commissioner of Soil and Land Conservation (CSLC, 2011) has advised that this land use is likely to cause appreciable land degradation in the form of wind erosion if the surface soils are not protected. It is considered that the greatest risk is likely to occur between crops, unless there are sufficient crop residues to protect the soil or a cover crop is established (CSLC, 2011). The CSLC considers the development for intensive horticulture may only be suitable on the property if wind erosion is reduced, as the risk of land degradation caused by wind erosion is high to very high (CSLC, 2011). The applicant has provided advice stating that land degradation will be managed through boundary planting, planting Tuarts between the centre pivots and through use of cover crops.

The property is zoned rural under the Shire of Gingin Town Planning Scheme No. 8.

The applicant has been granted Planning Approval from the Shire of Gingin for the purpose of intensive agriculture (Shire of Gingin, 2013)

The application area is within the Gingin Groundwater Area proclaimed under the Rights in Water and Irrigation Act 1914. The applicant holds a current Licence to Take Water. The licence allows for the irrigation of up to 167 hectares of vegetables within Lot 51 on Plan 22740 (DoW, 2011)

There are no known Aboriginal Sites of Significance within the application area.

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

- Methodology**    References:  
CSLC, 2011  
DoW, 2011  
Shire of Gingin, 2013  
GIS Databases:  
- Aboriginal Sites of Significance  
- Metropolitan Regional Scheme  
- Public Drinking Water Source Area  
- RIWI Act, Groundwater Areas  
- Town Planning Scheme Zones

## 4. References

- CSLC (2011) Land Degradation Assessment Report for Lot 51 on Plan 22740, Sappers Road Karakin. Received 30/11/11. Commissioner of Soil and Land Conservation, Western Australia. DER Ref: A453868
- DEC (2011) Site Inspection Report for Clearing Permit Application CPS 4657/1 - LD Monte. Conducted 3/11/2011. Department of Environment and Conservation, Western Australia. DER Ref: A450442
- DoW (2011) Licence to Take Water granted 18 July 2011. Department of Water, Western Australia. DER Ref: A698215
- Heddle, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- 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 Gingin (2013) Notice of Determination on Application for Planning Approval, 24 October 2013. Shire of Gingin. DER Ref: A698212