



GOVERNMENT OF  
WESTERN AUSTRALIA

## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Area Permit Number: 3963/1

File Number: 2010/007057-1

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

### **PERMIT HOLDER**

Gary Arnold Gibson and Kathleen Anne Gibson

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

Lot 329 on Plan 213799 (House No. 48 LAWSON SOUTH PLANTATIONS 6701)

### **AUTHORISED ACTIVITY**

Clearing of up to 7.83 hectares of native vegetation within the area hatched yellow on attached Plan 3963/1.

### **CONDITIONS**

Nil

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

Matthew Warnock

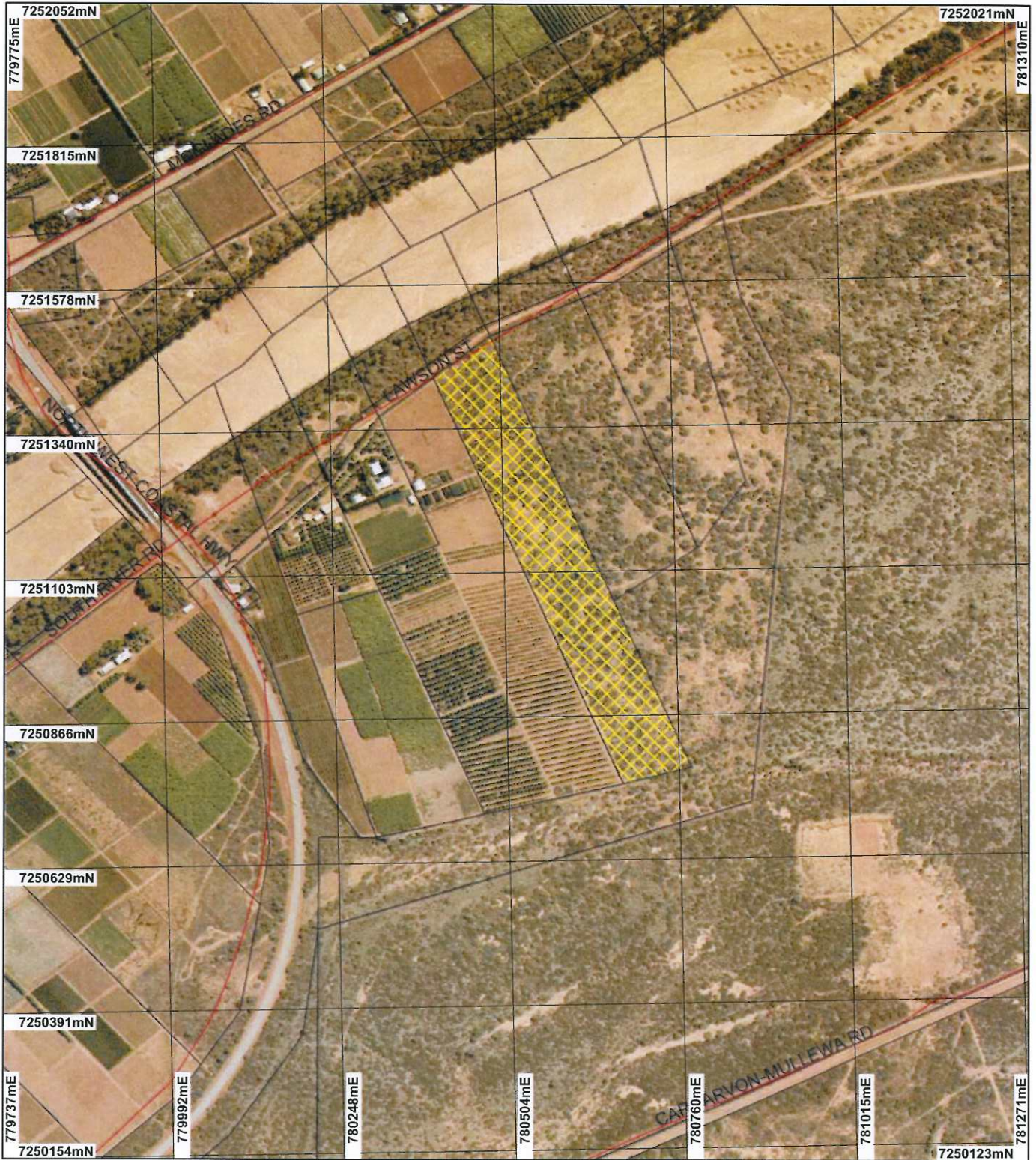
A/ MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

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

11 November 2010

# Plan 3963/1



## LEGEND

- Clearing Instruments
-  Areas Approved to Clear
  -  Road Centrelines
  -  Cadastre
  -  Carnarvon 1.4m Orthomosaic - Landgate 2002



Scale 1:8611  
(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 Wamock* Date *n/n/10*  
M Wamock

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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## 1. Application details

### 1.1. Permit application details

Permit application No.: 3963/1

Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Gary Arnold and Kathleen Anne Gibson

### 1.3. Property details

Property: LOT 329 ON PLAN 213799 (House No. 48 LAWSON SOUTH PLANTATIONS 6701)

Local Government Area:

Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 11 November 2010

## 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
The vegetation under application is mapped as being comprised of Beard vegetation association 308: Mosaic: Shrublands; Acacia sclerosperma sparse scrub / Succulent steppe; saltbush & bluebush (Shepherd, 2009).	The vegetation under application (7.83ha) appears to range from completely degraded to very good (Keighery, 1994) condition. The application area lies adjacent to existing horticulture paddocks to the west and uncleared bushland to the east. Large sections of the applied area (~30%) are completely degraded, having only bare ground. The remainder of the vegetation is in degraded, good or very good (Keighery, 1994) condition	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)  Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)  Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)  Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The condition and description of the vegetation under application was determined via the use of aerial imagery

## 3. Assessment of application against clearing principles

### Comments

The vegetation under application (7.83ha) appears to range from completely degraded to very good (Keighery, 1994) condition. The application area lies adjacent to existing horticulture paddocks to the west and uncleared bushland to the east. Large sections of the applied area (~30%) are completely degraded, having only bare ground. The remainder of the vegetation is in degraded, good or very good (Keighery, 1994) condition.

A minor non-perennial watercourse is situated 20-30 metres south of southern end of the applied area and the Gascoyne River is located 90 metres north of the northern end.

There are no known records of rare flora within the local area (50km radius), however there is a priority 1 species that has been recorded 580m east of the application area and was mapped within the same soil and vegetation type to that of the applied area.

The surrounding area is utilized for intensive horticulture which stretches along the Gascoyne River for some 15km, from the river mouth inland (east). The proposed clearing of 7.83ha in this setting, where large areas of the vegetation applied to be cleared are considered to be in degraded condition, is not likely to significantly impact on the biodiversity of the local area (including priority flora) and given the large amount of similar habitat in the local area the vegetation under application is not likely to offer significant habitat for fauna species.

The proposed clearing is not likely to result in any significant environmental impact.

- Methodology** Keighery (1994)  
GIS database:
- Carnarvon 1.4m Orthomosaic - Landgate 2002
  - Interim Biogeographic Regionalisation of Australia - EA 18/10/00
  - DEC Tenure
  - SAC Biodatasets (accessed Sept 2010)
  - Soils, Statewide DA 11/99
  - Pre European Vegetation (DA 2001)
  - Clearing Regulations, Environmentally Sensitive Areas (2009)
  - Current Extent of Native Vegetation (NLWRA 2001)
  - NLWRA, Current Extent of Native Vegetation 20 Jan 2001
  - Hydrography linear (hierarchy) - DoW 13/7/06

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

##### **Comments**

The area under application is zoned for intensive horticulture.

Department of Water advice (DoW, 2010) states that an application has been received from the applicant for an amendment to the current groundwater licence to include Lot 329 and that, at this stage, there is no reason why DoW would not support this application.

Gascoyne Water Cooperative (GWC) have advised that the applicant has permission to utilise existing water allocations, held within the area covered by GWC's operating licence, for irrigation purposes over lot 329 (GWC, 2010).

Lot 329 has been mapped as having a high risk of Acid Sulphate Soil risk.

- Methodology** DoW (2010)  
GWC (2010)

#### **4. References**

- DoW (2010) Department of Water, Advice. DEC Ref: A342473.  
GWC (2010) Gascoyne Water Co-operative, Advice. DEC Ref: A341649  
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)