



GOVERNMENT OF  
WESTERN AUSTRALIA

## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Purpose Permit Number: 3304 / 1

File Number: DEC 13012

Duration of Permit: From 15 November 2009 to 15 November 2011

### **PERMIT HOLDER**

The Roman Catholic Bishop of Broome

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

UNALLOCATED CROWN LAND (KUNUNURRA 6743)

### **PURPOSE FOR WHICH THE CLEARING MAY BE DONE**

Clearing for the purpose of water pump maintenance

### **CONDITIONS**

1. The Permit Holder must not clear more than 0.009 hectares of native vegetation within the area cross hatched yellow on attached Plan 3304/1.

A handwritten signature in black ink, appearing to read '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*

15 October 2009

# Plan 3304/1



## LEGEND

- Clearing Instruments**
- Areas Approved to Clear
  - Road Centrelines
  - Cadastre
  - Towns

Kununurra 50cm Orthomosaic  
• Landgate 2005



0 ————— 33 m

Scale 1:1486  
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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

*[Signature]*  
Date 15/10/09

Kelly 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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## 1. Application details

### 1.1. Permit application details

Permit application No.: 3304/1  
 Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Christopher Alan Saunders Roman Catholic Bishop of Broome

### 1.3. Property details

Property: UNALLOCATED CROWN LAND (KUNUNURRA 6743)  
 Local Government Area:  
 Colloquial name: Adjacent to Lot 412 Packsaddle Rd, Kununurra

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.009		Mechanical Removal	Infrastructure 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
Mapped Beard vegetation association (Beard 1980);  59 - Grasslands, high grass savanna sparse tree; bauhinia & coolabah over mitchell, blue & tall upland grasses.	The vegetation to be cleared consists of 0.009 hectares of Typha domingensis (Native Cumbungi).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation condition was determined using aerial photography (Kununurra 50cm Orthomosaic, 2005).

## 3. Assessment of application against clearing principles

### Comments

The proposal to clear 0.009 hectares of Typha domingensis (Native Cumbungi) within Lake Kununurra for the purpose of water pump maintenance is unlikely to have any significant environmental impacts.

The vegetation to be cleared forms part of the banks of Lake Kununurra and is therefore growing in association with a wetland and is at variance to clearing principle (f). Lake Kununurra is a man made wetland. Native vegetation has become established in the lake as a result of stable water levels. Lake Kununurra is a Ramsar and ANCA listed wetland.

The vegetation is considered to be in degraded condition. (Keighery, 1994) The vegetation to be cleared is well represented in the local area, and is unlikely to provide a significant habitat for native fauna.

Given that the vegetation to be cleared consists of 0.009 hectares of Typha domingensis (Native Cumbungi) it is not considered to be significant as a remnant of native vegetation in an area that has been extensively cleared.

It is unlikely that the proposal to clear 0.009 hectares of Typha domingensis (Native Cumbungi) will have any negative impacts upon Lake Kununurra, surrounding conservation areas; or cause or exacerbate land degradation, water quality or flooding.

It is considered that although the clearing as proposed is at variance to principle (f) it is not likely to be at variance with any of the remaining clearing principles.

### Methodology

- Keighery (1994)
- GIS database:
  - Kununurra 40cm Orthomosaic - DLI 2005
  - Pre European Vegetation - DA 01/01
  - Clearing Regulations, Environmentally Sensitive Areas
  - SAC Biodatasets - accessed 6/10/2009
  - Hydrography linear - DOW 13/7/06

- ANCA wetlands - Environment Australia 26/3/99
- Ramsar wetlands - DEC 03
- Country Area Water Supply Act (Part IIA) Clearing Control Catchments 29/06/2006
- Native Title Claims - LA 2/5/07
- Cadastre - Landgate Dec 07

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

### Comments

The land on which the clearing is to occur is unallocated crown land. The Department for Regional Development and Lands has provided consent for the clearing.

The Miriuwung Gajerrong native title claim (reference WAD6001\_95) has been determined and no native title exists over the area proposed to be cleared.

A bed and banks permit is required from the Department of Water.

### Methodology

## 4. Assessor's comments

### 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 at variance to principle (f) but is not likely to be at variance with the remaining clearing principles.

## 5. 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. (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
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)