



GOVERNMENT OF  
WESTERN AUSTRALIA

## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 4093/1

File Number: 2010/010176-1

Duration of Permit: From 17 January 2011 to 17 January 2013

### PERMIT HOLDER

Mark Whitelock

Julie Whitelock

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 1250 on Deposited Plan 149327

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 30 native trees within the area hatched yellow on attached Plan 4093/1.

### CONDITIONS

Nil.

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

Kelly Faulkner

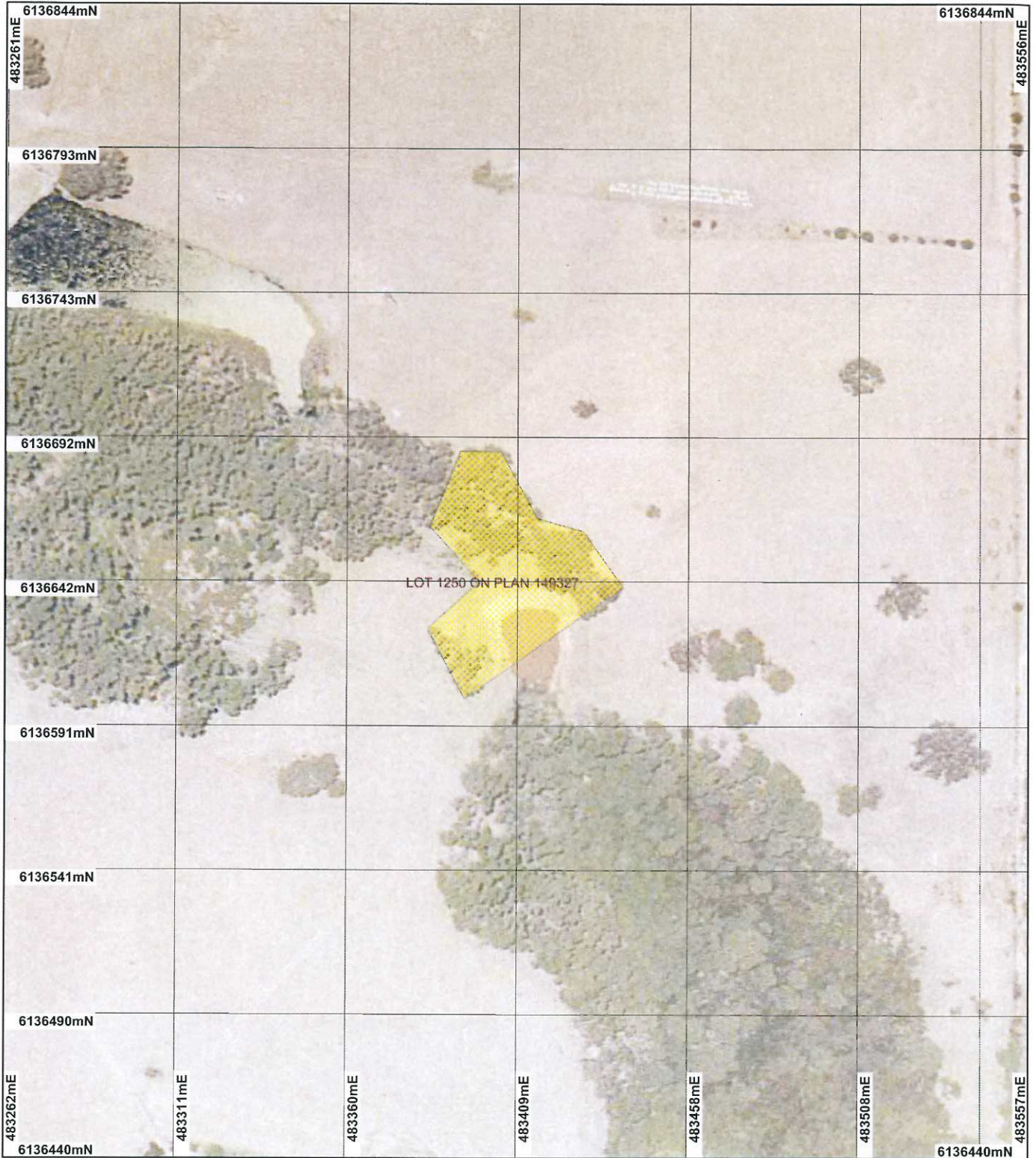
MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

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

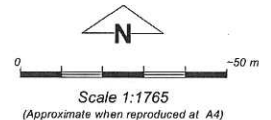
23 December 2010

# Plan 4093/1



## LEGEND

- |                         |  |   |
|-------------------------|--|---|
| Road Centrelines        | State Forest / Timber Reserve          | Water                                       |
| Clearing Instruments    | Marine Park                            | Deep River 50cm Orthomosaic - Landgate 2007 |
| Areas Approved to Clear | Crown Lease                            |   |
| Cadastre for labelling  | Lease / Reserve                        |   |
| Freehold                | Lease on State Forest / Timber Reserve |   |
| Crown Reserve (cont)    | Public Roads                           |   |
|                         | Unallocated Crown Land (cont)          |   |



Geocentric Datum Australia 1994

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

*K. Faulkner* Date 29/12/10  
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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## 1. Application details

### 1.1. Permit application details

Permit application No.: 4093/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Mark and Julie Whitelock

### 1.3. Property details

Property: LOT 1250 ON PLAN 149327 (House No. 962 HAZELVALE HAZELVALE 6333)  
LOT 1250 ON PLAN 149327 (House No. 962 HAZELVALE HAZELVALE 6333)

Local Government Area:

Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Granted  
Decision Date: 23 December 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
Beard Vegetation Association 1: Tall forest; Karri (Eucalyptus diversicolor)	The proposal is to clear 30 trees (Melaleuca sp.) for dam construction to provide additional water for a residence on Lot 1250 Hazelvale Rd, Hazelvale.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Condition has been established by aerial photography (Deep River 50cm Orthomosaic Landgate07)
Mattiske Vegetation Complex HA; Mosaic of a low woodland to woodland of Eucalyptus marginata subsp. marginata- Eucalyptus patens, low forest of Agonis juniperina-Callistachys lanceolata with closed heath of Myrtaceae spp. on sandy plains in the hyperhumid zone.			

(Shepherd 2009, Mattiske et al 1998).

## 3. Assessment of application against clearing principles

### Comments **Proposal is not likely to be at variance to this Principle**

The proposal to clear 30 native trees for the purpose of dam reconstruction is unlikely to have any significant environmental impacts. The vegetation is considered to be in a degraded (Keighery, 1994) condition and consists of native trees (Melaleuca sp.) over pasture weeds.

The local area (10km radius) retains approximately 70% native vegetation, much of which has some level of protection (ie DEC managed lands). Much of the nearby vegetation is in better condition than the applied area and therefore the area under application is not likely to be significant fauna habitat. It is also not considered for the application area to contain rare or priority flora species or threatened ecological communities.

Given the small size of the application area (30 trees) it is not considered for the proposed clearing to impact on conservation areas; or cause or exacerbating land degradation, water quality or flooding.

The application area may contain wetland dependent vegetation as it is ~ 20m north of a marsh area and therefore it may be growing in association with a wetland. However, given the degraded (Keighery 1994) condition of the vegetation the impact on this wetland is considered minimal.

It is considered that the clearing as proposed is not likely to be at variance with any of the clearing principles.

**Methodology**    **References**  
-Keighery (1994)  
GIS Databases  
-SAC Bio datasets (15/12/2010)  
-DEC Tenure  
-NLWRA, Current Extent of Native Vegetation  
-Hydrography, linear

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

#### **Comments**

The proposal is to clear 30 trees for dam construction to provide additional water for a residence on Lot 1250 Hazelvale Rd, Hazelvale.

A submission was received from the Tingledale LCD which stated that they had no objections to the proposed clearing.

Planning approval from the Shire of Denmark is required for the proposed dam.

Given that the application area does not occur within a RIWI Act proclaimed area, approvals from the Department of Water are not required.

#### **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.

Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment 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)