



## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Area Permit Number: 3831/2

File Number: 2010/004969

Duration of Permit: From 30 October 2010 to 30 October 2017

### **PERMIT HOLDER**

Western Australian Land Authority TA Landcorp

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

LOT 3 ON DIAGRAM 54730 (House No. 49 HARVEY KARNUP 6176)

LOT 2 ON DIAGRAM 42100 (House No. 29 HARVEY KARNUP 6176)

### **AUTHORISED ACTIVITY**

The Permit Holder shall not clear more than 11.1 hectares of native vegetation within the area hatched yellow on attached Plan 3831/1.

### **CONDITIONS**

#### **1. Period in which clearing is authorized**

The Permit Holder shall not clear native vegetation unless actively mining within 3 weeks of the authorised clearing being undertaken.

A handwritten signature in cursive script that reads "Roxane Shadbolt".

Roxane Shadbolt

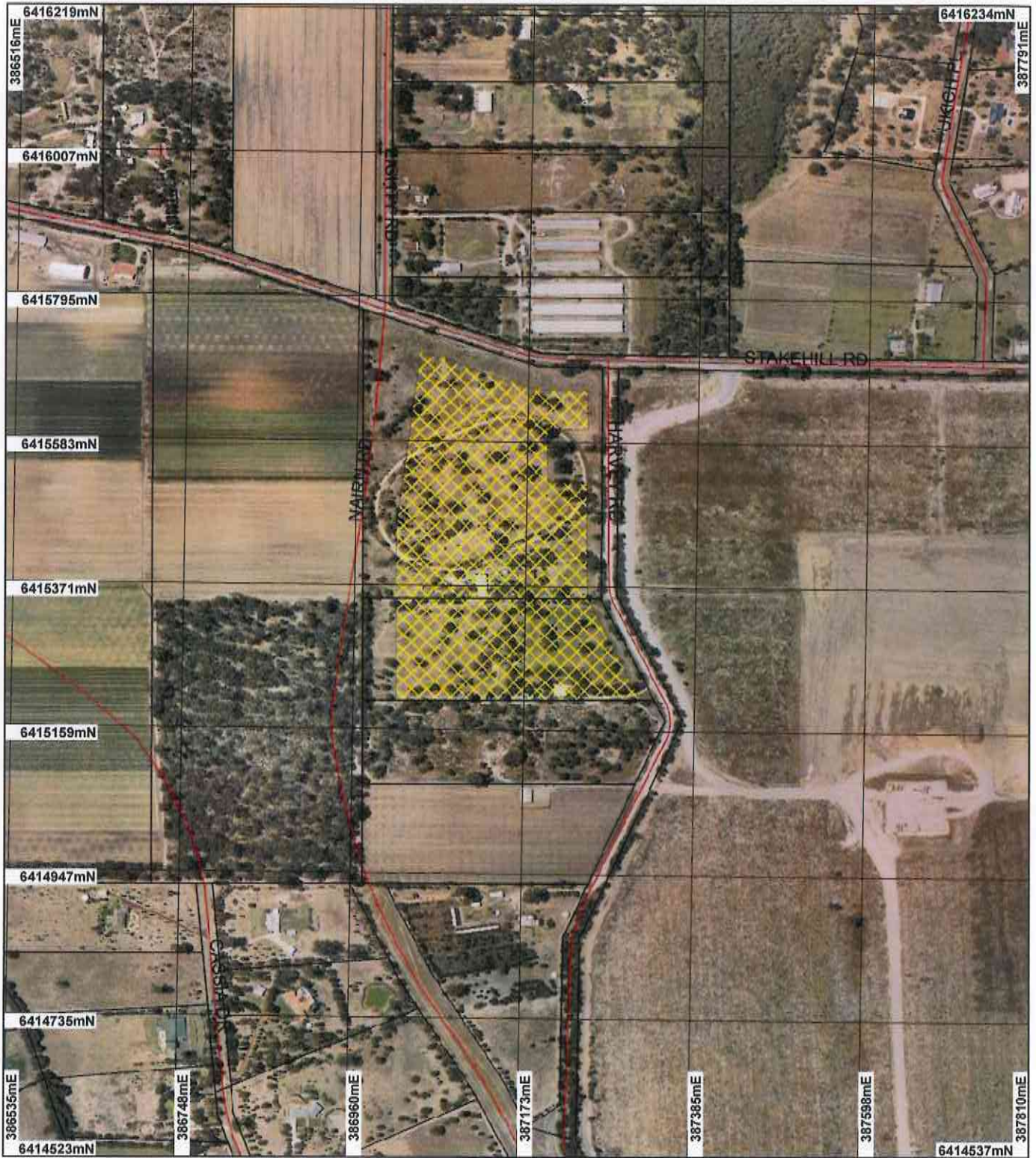
A/MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

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

18 October 2012

# Plan 3831/2



## LEGEND

- |                             |  |
|-----------------------------|--|
| <b>Clearing Instruments</b> | <b>Swan Coastal Plain Central<br/>20cm Orthomosaic - Landgate<br/>2009</b> |
| Areas Approved to Clear     |  |
| Road Centrelines            |  |
| Cadastre                    |  |



Scale 1:7491  
(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 16/10/12

Roxane Shadbolt

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.: 3831/2

Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Western Australian Land Authority TA Landcorp

### 1.3. Property details

Property: LOT 3 ON DIAGRAM 54730 (House No. 49 HARVEY KARNUP 6176)  
LOT 2 ON DIAGRAM 42100 (House No. 29 HARVEY KARNUP 6176)

Local Government Area: Shire of Rockingham

Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
11.1		Mechanical Removal	Extractive Industry

### 1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 11 October 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
The vegetation under application is mapped as being comprised of the following vegetation types:	The 11.1ha of vegetation under application is predominately cleared and is currently used for horse grazing, horse race track and a residential dwelling.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The description and condition of the vegetation under application was determined via the use of aerial imagery and a flora and vegetation survey conducted by ENV Australia (2010).
Beard 998: Medium woodland; tuart (Shepherd et al 2001)	The exposure to livestock grazing, weed invasion, rubbish dumping and land clearing of most of the site has significantly decreased the vegetations health. The vegetation onsite was therefore considered to be in predominately completely degraded to good condition with a small area (located centrally) considered to be in very good condition (ENV, 2010).	To	
KARRAKATTA COMPLEX - CENTRAL AND SOUTH: Predominantly open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) and woodland of Eucalyptus marginata (Jarrah) - Banksia species (Heddle, 1980).	The application area consisted of one main vegetation unit: Open Woodland of Eucalyptus marginata subsp. marginata, Allocasuarina fraseriana and Banksia menziesii over Hibbertia hypericoides, Jacksonia furcellata and Xanthorrhoea gracilis over Hypochaeris glabra, Bromus sp. and Lupinus cosentinii (ENV, 2010).	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	
The majority of applied area is already cleared and is characterised by isolated Eucalyptus marginata and Eucalyptus gomphocephala over weeds. These areas were not assigned a vegetation unit (ENV, 2010).	The vegetation of the applied area is best fit to either Floristic Community Type (FCT) SCP21a (Banksia attenuata-Eucalyptus marginata woodlands) or FCT SCP 28 (Spearwood Banksia attenuata or Banksia attenuata-Eucalyptus marginata) (ENV, 2010).		

## 3. Assessment of application against clearing principles

### Comments

Clearing Permit CPS 3831/1 has been amended to extend the duration of the permit by five years.

The assessment against the clearing principles has not changed and can be found in Decision Report CPS 3831/1.

#### Methodology

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

#### Comments

The assessment against Planning Instruments and Other Matters has not changed and can be found in Decision Report CPS 3831/1.

#### Methodology

## 4. References

- ENV Australia Pty Ltd (2010) Lots 2-4 Harvey Road, Karnup, Sand Mining Project, Application For A Native Vegetation Clearing Permit (Area Permit), Supporting Document. DEC Ref: A315830
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth.
- Hedde, 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.

## 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)