



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3849 / 1
File Number: 2010/005294-1
Duration of Permit: From 9 October 2010 to 9 October 2012

PERMIT HOLDER

Lyndon Mervyn Edwards

LAND ON WHICH CLEARING IS TO BE DONE

LOT 5 ON PLAN 5888 (WELLESLEY 6233)

AUTHORISED ACTIVITY

1. Clearing of up to 9 native trees within the area shaded yellow on attached Plan 3849/1.

CONDITIONS

Nil.

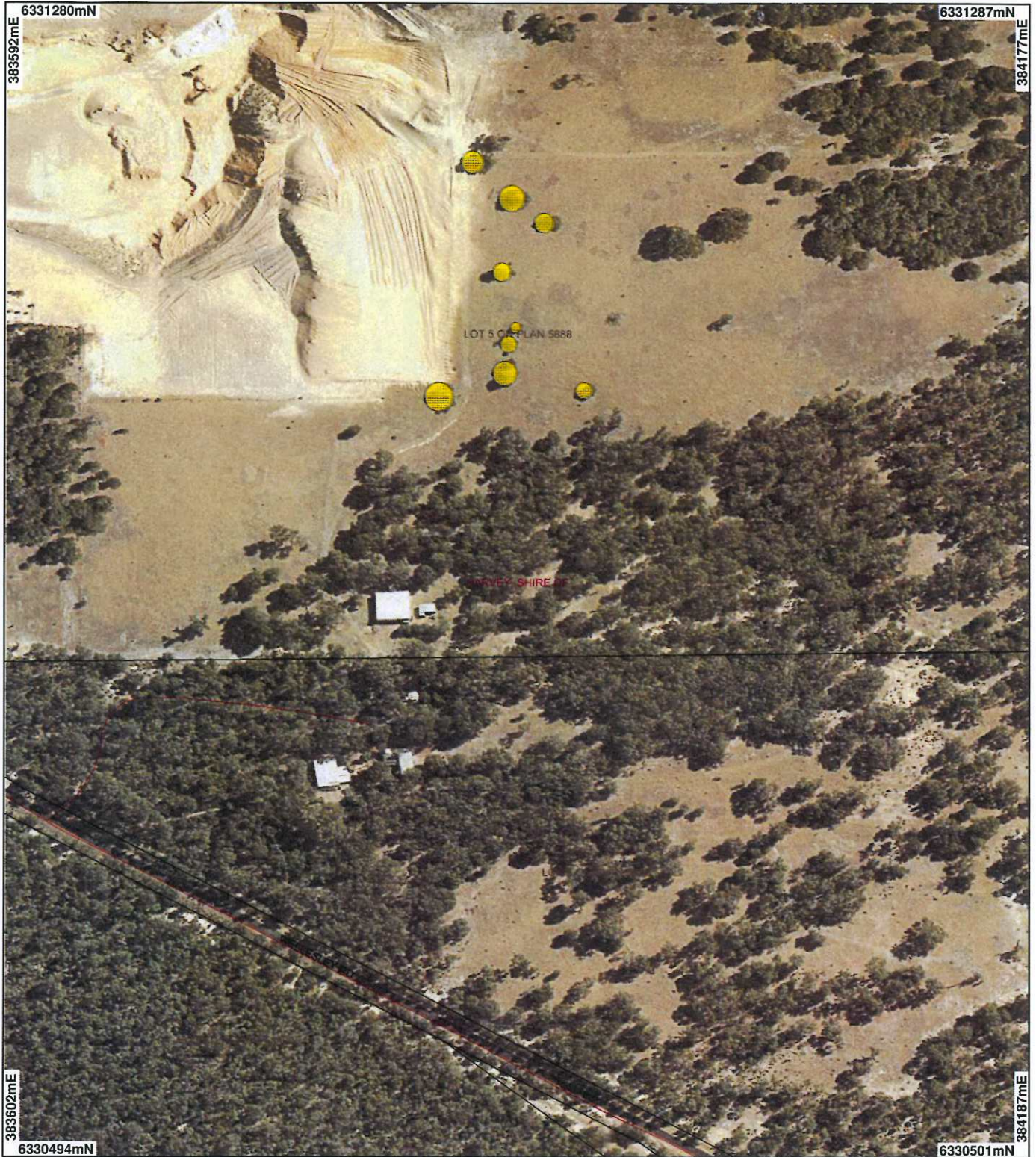
A handwritten signature in black ink, appearing to read "K. Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

9 September 2010

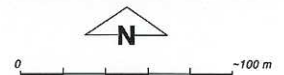
Plan 3849/1



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
- Road Centrelines
- Cadastre for labelling
- Local Government Authorities

Bunbury 50cm Orthomosaic -
Landgate 2008



Scale 1:3457
(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.

[Signature] Date 9/9/10

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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* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 3849/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Lyndon Mervyn Edwards

1.3. Property details

Property: LOT 5 ON PLAN 5888 (WELLESLEY 6233)
Local Government Area:
Colloquial name:

1.4. Application

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

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 - 6 Medium woodland; tuart & jarrah. Bassendean Complex-Central and South. (Shepherd, 2009; Heddle, 1980).	The vegetation is considered to be completely degraded (Keighery, 1994) condition. and has been parkland cleared.	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 comprises nine trees spread over a distance of 150 meters. The vegetation is considered to be in completely degraded (Keighery, 1994) condition.

Given the vegetation under application consists of 9 trees and the high vegetation representation within the local area (~35% within a 10km radius) the proposal is considered not to comprise a high level of biodiversity, be significant fauna habitat, impact on conservation areas, or cause or exacerbate land degradation, water quality or flooding/

Therefore the proposed clearing is not at variance to the clearing principles.

Methodology

References:

- Keighery (1994)
- GIS Databases:
 - SAC Bio Datasets (16/07/2010)
 - Heddle Vegetation Complexes (DEP 1995)
 - Pre European Vegetation (DA 2001)
 - Soils, Statewide DA 11/99
 - Current Extent of Native Vegetation
 - Local Government Authorities - DLI 8/07/04
 - EPP Lakes Policy Area - DEP 14/05/97
 - EPP, Wetlands 2004 (DRAFT) - EPA 21/7/04
 - Clearing Regulations, Environmentally Sensitive Areas 30 May 2005
 - Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain - DEC 11/04/07
 - Hydrography linear - DOW 13/7/06
 - Hydrography linear (hierarchy) - DoW 13/7/06
 - Salinity Risk LM 25m - DOLA 00
 - Soils, Statewide - DA 11/99

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

Comments

The application area lies within the South West Coastal Groundwater Area. The Department of Water (2010) has advised that it has no objections to the proposed clearing.

A submission was sought but not received by the Shire of Harvey

The clearing of 0.8ha to access sand is the southern proportion of the sand pit was referred to the EPA in 2000. EPA provided advice to the Shire of Harvey that, 'if the vegetation is of the Bassendean complex, clearing would be acceptable'. A survey conducted by M J Lundstrom Pty Ltd in Jan 2000 reported that Bassendean sand form the entire property to a thickness of over 40m .

Part of the lot is controlled by a restrictive conservation covenant. The National Trust of Australia (DEC Ref: A326395) has informed the covenanted land does not include the area under application.

Methodology

GIS database:

- Cadastre - Landgate Dec 07
- RIWI Act, Groundwater Areas - DoW 13/07/06
- RIWI Act, Irrigation Districts - DoW 13/07/06
- Town Planning Scheme Zones - MFP 31/08/98
- Country Area Water Supply Act (Part IIA) Clearing Control Catchments 29/06/2006
- Aboriginal Sites of Significance 26 April 2007
- Public Drinking Water Source Areas (PDWSAs)

4. References

- 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. (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)