



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3404/1

File Number: DEC13567

Duration of Permit: From 17 January 2010 to 17 January 2012

PERMIT HOLDER

Haycliffe Park Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Lot 296 and 271 on Plan 232768

AUTHORISED ACTIVITY

Clearing of up to 1 hectare of native vegetation within the area hatched yellow on attached Plan 3404/1.

CONDITIONS

Nil.

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

Kelly Faulkner

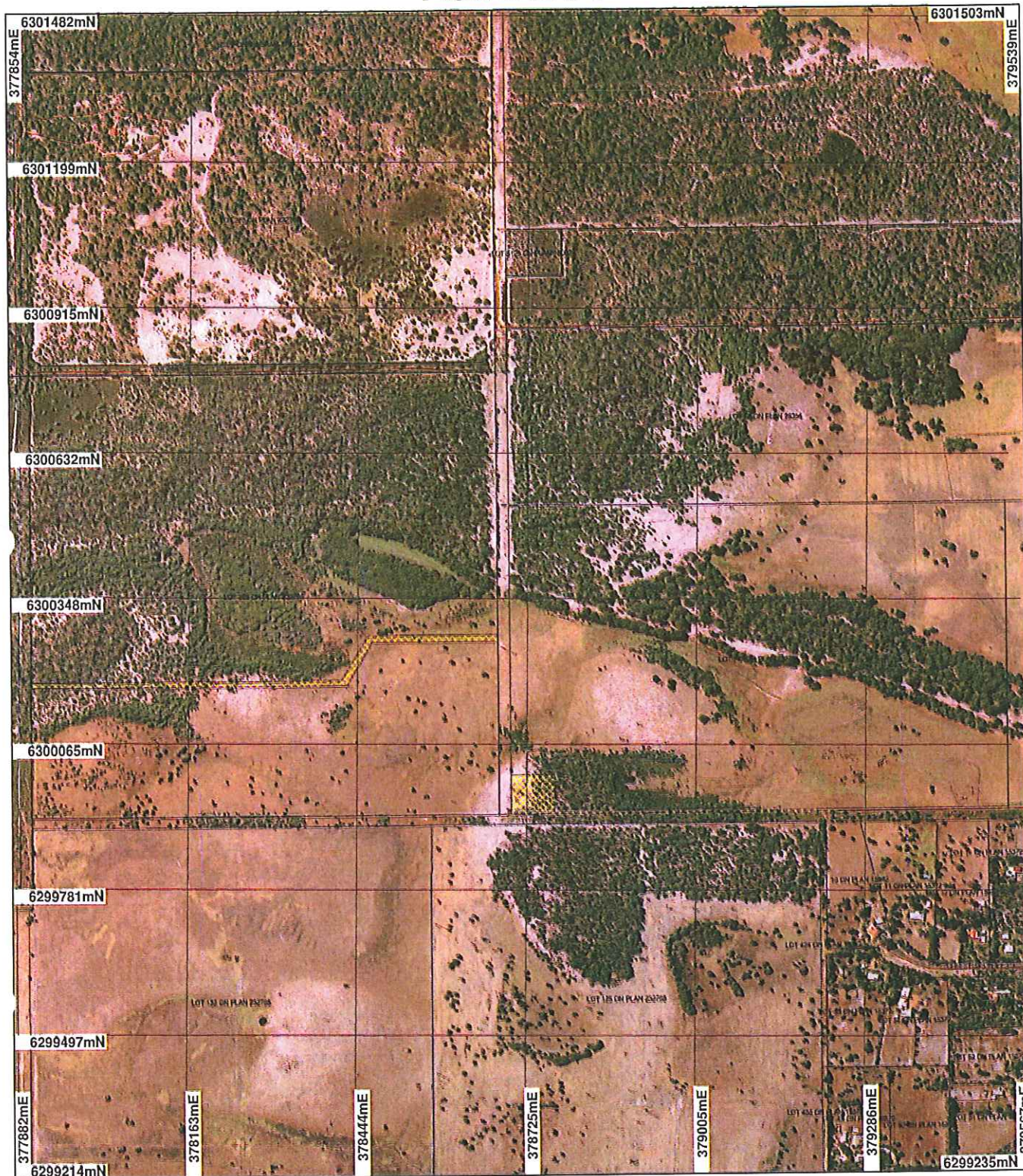
MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

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

17 December 2009

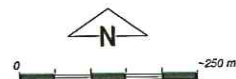
Plan 3404/1



LEGEND

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

Bunbury 60cm Orthomosaic -
Landgate 2008



Scale 1:9976

(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.

 Date 17/12/09
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.: 3404/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Haycliffe Park Pty Ltd

1.3. Property details

Property: LOT 269 ON PLAN 232768 (Lot No. 269 DUCANE NORTH BOYANUP 6237)
LOT 271 ON PLAN 232768 (NORTH BOYANUP 6237)

Local Government Area:

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1		Mechanical Removal	Fence Line 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
Beard vegetation association 1000 is described as a Mosaic: Medium forest; jarrah-marri / Low woodland; banksia / Low forest; teatree (Melaleuca spp.) (Shepherd, 2007)	The vegetation under application consist of predominately Melaleuca species over Kunzea ericifolia and is generally in good (Keighery, 1994) condition.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Vegetation description and condition derived from DEC site visit 7/12/2009 (DEC, 2009)

Hedde vegetation complex Southern River is described as Open woodland of *Corymbia calophylla* (Marri) - *Eucalyptus marginata* (Jarrah) - *Banksia* species with fringing woodland of *Eucalyptus rudis* (Flooded Gum) - *Melaleuca raphiophylla* (Swamp Paperbark) along creek beds (Hedde et al 1995).

3. Assessment of application against clearing principles

Comments

The proposal to clear 1 hectare is for the purpose of fence line and stockyard construction. There are two threatened and priority fauna species recorded within a 5km radius, however, the area under application is a small linear section of vegetation and is not considered significant habitat for native fauna. One rare flora species and numerous priority flora species are known to exist within the local area (5km radius), however no rare flora species occur within the same vegetation complex and soil type as the area under application.

There is approximately 30% vegetation remaining in the local area and the Beard and Hedde vegetation types are under the recommended 30% threshold (EPA, 2000), however given the very small size of the proposed clearing it is considered unlikely to be significant as a remnant in a highly cleared landscape.

The applicant moved the location of the northern fence line to avoid passing through a conservation category wetland (CCW). As a result approximately 0.2ha of the area under application occurs within the buffer of a CCW and approximately 0.3 ha of the proposed clearing occurs within a multi-use wetland. The 0.2ha of vegetation in the CCW buffer is predominately sparse individual trees.

The fence line was relocated to avoid the CCW and this new location of the fence line will exclude stock from the CCW and protect the wetlands environmental values. Given this and the size of the proposed clearing the impacts of clearing on the wetland systems are likely to be minimal. There are no conservation areas within the local area.

It is considered that the proposed clearing is at variance to principle (f) and not likely to be at variance with the remaining clearing principles.

Methodology EPA (2000)
GIS database:
- CALM Managed Lands and Waters - CALM 01/06/05
- SAC Biodatasets - accessed 20/11/2009
- Declared Rare and Priority Flora List - CALM 13/08/03
- Heddl Vegetation Complexes - DEP 22/06/95
- Pre European Vegetation - DA 01/01
- NLWRA, Current Extent of Native Vegetation 20 Jan 2001
- Hydrography linear - DOW 13/7/06
- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain - DEC 11/04/07
- Soils, Statewide DA 11/99

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

Comments No submissions from the public have been received. No EP Act licences or approvals are required.

Methodology GIS database:
- Cadastre - Landgate Dec 07

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) and not likely to be at variance to the remaining clearing Principles.

5. References

- DEC (2009) Site Inspection Report for Clearing Permit Application CPS 3404/1, Lot X Road Name, Suburb. Site inspection undertaken 7/12/2009. Department of Environment and Conservation, Western Australia (TRIM Ref. DOC111152).
- EPA (2000) Environmental protection of native vegetation in Western Australia. Clearing of native vegetation, with particular reference to the agricultural area. Position Statement No. 2. December 2000. Environmental Protection Authority, Western Australia.
- Heddl, 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. (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 (now DEC)
DMP	Department of Mines and Petroleum (ex DoIR)
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)