



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3681/1

File Number: DEC14902

Duration of Permit: From 29 May 2010 to 29 May 2012

PERMIT HOLDER

Hillery Richard Brooks

LAND ON WHICH CLEARING IS TO BE DONE

Lot 1390 on Plan 109617

Lot 3502 on Plan 131673

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.8 hectares of native vegetation within the hatched yellow on attached Plan 3681/1a and Plan 3681/1b.

CONDITIONS

Nil.

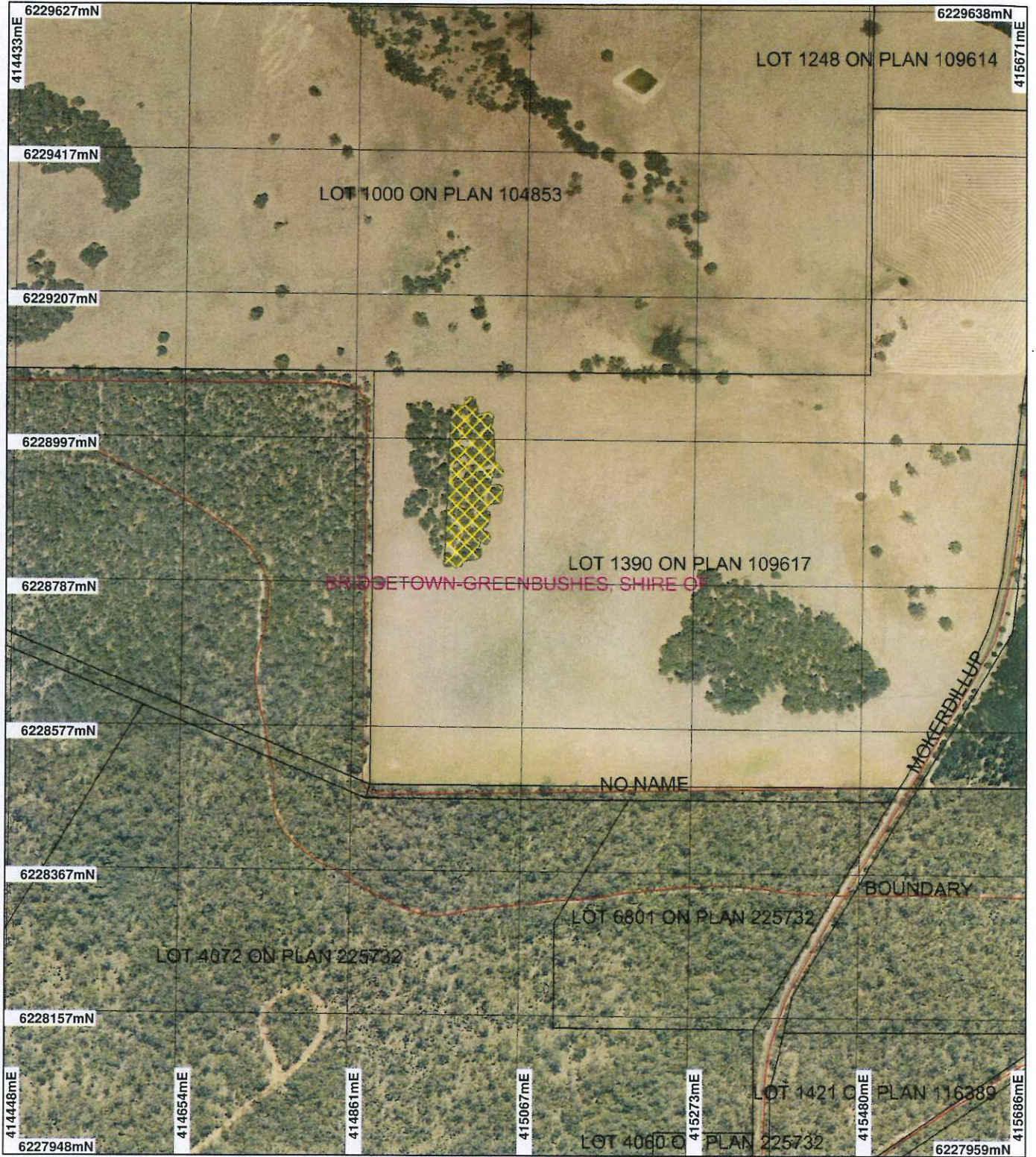
A handwritten signature in black ink, appearing to be "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

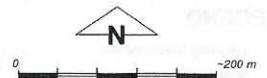
29 April 2010

Plan 3681/1a



LEGEND

- Clearing Instruments**
- ☐ Areas Approved to Clear
- ☒ Road Centrelines
- ☐ Cadastre
- ☐ Local Government Authorities
- Manjimup 50cm Orthomosaic - Landgate 2007



Scale 1:7365
(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 29/6/11
 K. Faulkner

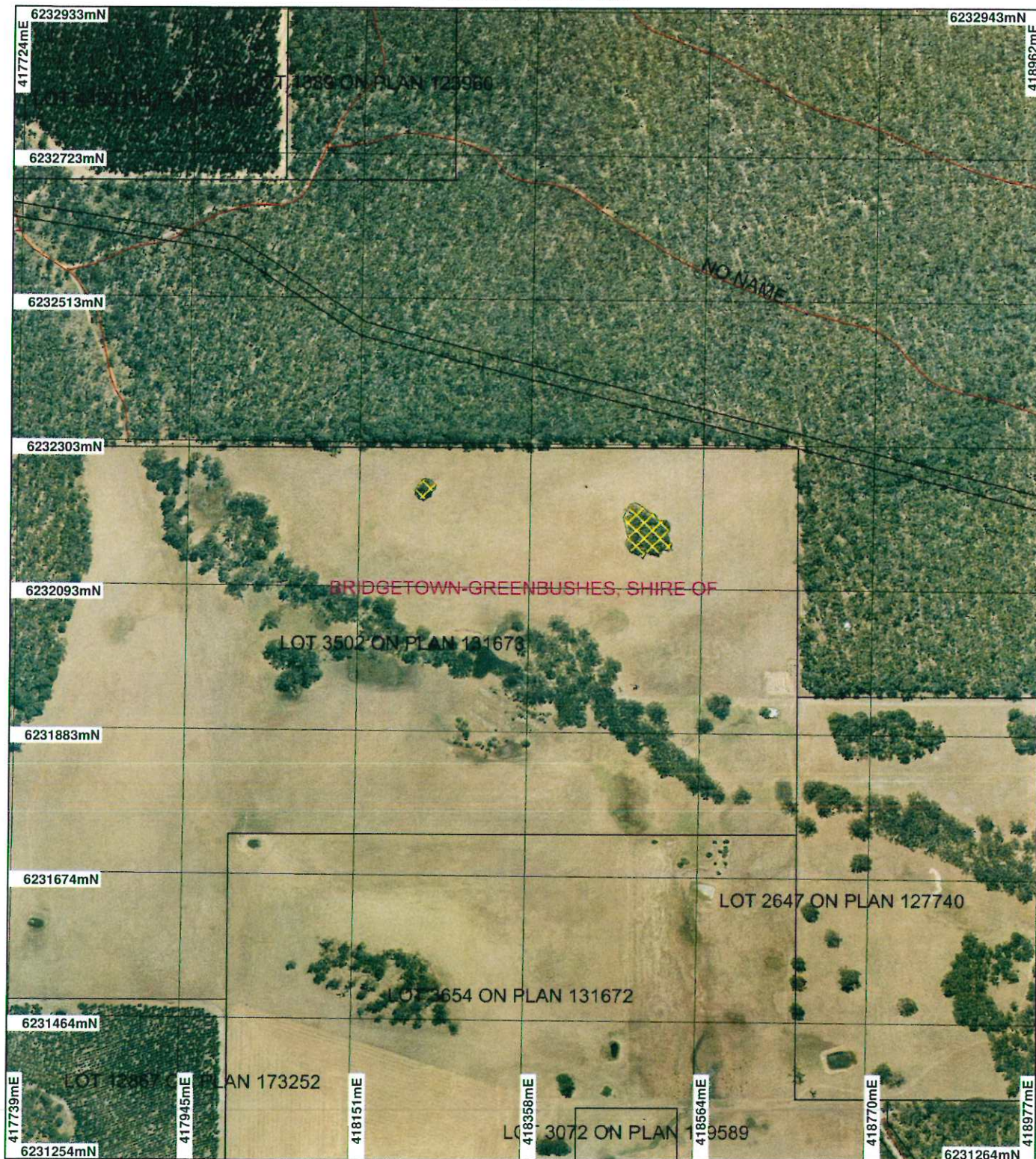
Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

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

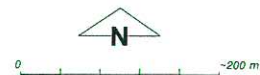
Our environment, our future
WA Crown Copyright, 2002

Plan 3681/1b



LEGEND

- | | |
|-------------------------|---|
| Clearing Instruments | Local Government Authorities |
| Areas Approved to Clear | Manjimup 50cm Orthomosaic - Landgate 2007 |
| Road Centrelines | |
| Cadastre | |



Scale 1:7366

(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 29/4/10
K. Paulkner

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

Our environment, our future
WA Crown Copyright 2002



1. Application details

1.1. Permit application details

Permit application No.: 3681/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Hillery Richard Brooks

1.3. Property details

Property: LOT 1390 ON PLAN 109617 (WANDILLUP 6256)
LOT 3502 ON PLAN 131673 (WANDILLUP 6256)

Local Government Area:
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.8		Mechanical Removal	Cropping

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: 3: Medium forest; jarrah-marri (Shepherd, 2007)	Vegetation proposed to be cleared consists of 0.8 hectares of Marri and Jarrah over storey and little undergrowth. The vegetation has been assessed as degraded (DEC, 2010).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Vegetation condition was determined from aerial photography and site visit (DEC, 2010).
Mattiske vegetation association: CO1: Open forest to tall open forest of Eucalyptus marginata subsp. marginata with some Corymbia calophylla on low undulating hills in perhumid and humid zones. CC1: Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla mixed with Eucalyptus patens on slopes, Eucalyptus rudis and Banksia littoralis on valley floors in the humid zone. (Mattiske, 1998)			
Hedde vegetation association: Catterick Complex In Medium To High Rainfall (Hedde, 1980)			

3. Assessment of application against clearing principles

Comments	Proposal is not likely to be at variance to this Principle
	The proposal is to clear 0.8 hectares of native vegetation for the purpose of extending cropping areas within Lot

1390 on Plan 109617 and Lot 3502 on Plan 131673, Wandillup.

The vegetation is considered to be in a degraded (Keighery, 1994) condition due to grazing. The vegetation is described as Jarrah-Marri over storey with the majority of the larger trees removed for timber use and an understorey consisting of introduced weeds with no scrub species (DEC, 2010).

Due to the degraded (Keighery, 1994) condition of the vegetation the clearing is not likely to impact on flora or fauna of conservation, nor is it likely to impact on water quality or cause appreciable land degradation.

There are numerous threatened and priority fauna species recorded within a 10km radius. However, as the area under application is small (0.8ha) and degraded (Keighery, 1994) and there is extensive surrounding vegetation (76% within the local area, 10km radius), it is unlikely to be significant habitat for native fauna.

There are no threatened ecological communities in the vicinity of the project (10km radius) and the vegetation to be cleared is well represented in the North Donnelly and Yornup State Forests within the local area.

Given the above, the proposed clearing is unlikely to have any significant environmental impacts and is not likely to be at variance to the clearing principles.

Methodology

References:

DEC, 2010

Keighery, 1994

GIS Layers:

- CALM Managed Lands & Waters - CALM 01/06/05
- Clearing Regulations - Environmentally Sensitive Areas - 30 May 2005
- Groundwater Salinity, statewide - DoW 13/07/06
- Hydrogeographic Catchments, Catchments - DoW 01/06/07
- Hydrogeology, statewide - DOW 13/07/06
- Hydrography, linear DOW 13/7/06
- Mattiske Vegetation Complexes (01/03/1998)
- Pre-European vegetation - DA 01/01
- Mean Annual Rainfall Isohytes (1975 - 2003) - DEC 02/08/05
- SAC Biodatasets 27/04/2010

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

Comments

No submissions from the public have been received.

The proposal is considered unlikely to have any significant impacts on the Donnelly River Water Reserve as the area within the reserve is small, there is considerable surrounding native vegetation and the land use is consistent with that already in place (DoW, 2010).

Methodology

References:

DoW, 2010

GIS database:

- Cadastre - Landgate Dec 07
- Native Title Claims - LA 2/5/07
- 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) ? 07/02/06

4. Assessments recommendations

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 not likely to be at variance to any of the clearing Principles.

5. References

DEC (2010) Warren Regional Advice. Department of Environment and Conservation DEC Ref: A299751

Department of Water (2010). Country Area Water Supply Advice. DEC Ref: A300260

Heddlé, 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.

- 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. (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.

6. Glossary

Term	Meaning
CALM	Department of Conservation and Land Management (now DEC)
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)
DoW	Department of Water
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)