



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 5059/1

File Number: 2012/003540-1

Duration of Permit: From 13 July 2012 to 13 July 2014

PERMIT HOLDER

Graham David Buckley

Margaret Rita Buckley

LAND ON WHICH CLEARING IS TO BE DONE

Lot 2 on Diagram 97932, Pippingarra

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 5.35 hectares of native vegetation within the area hatched yellow on attached Plan 5059/1.

CONDITIONS

1. Weed control

When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

DEFINITIONS

The following meanings are given to terms used in this Permit:

fill means material used to increase the ground level, or fill a hollow;

mulch means the use of organic matter, wood chips or rocks to slow the movement of water across the soil surface and to reduce evaporation;

weed/s means a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.

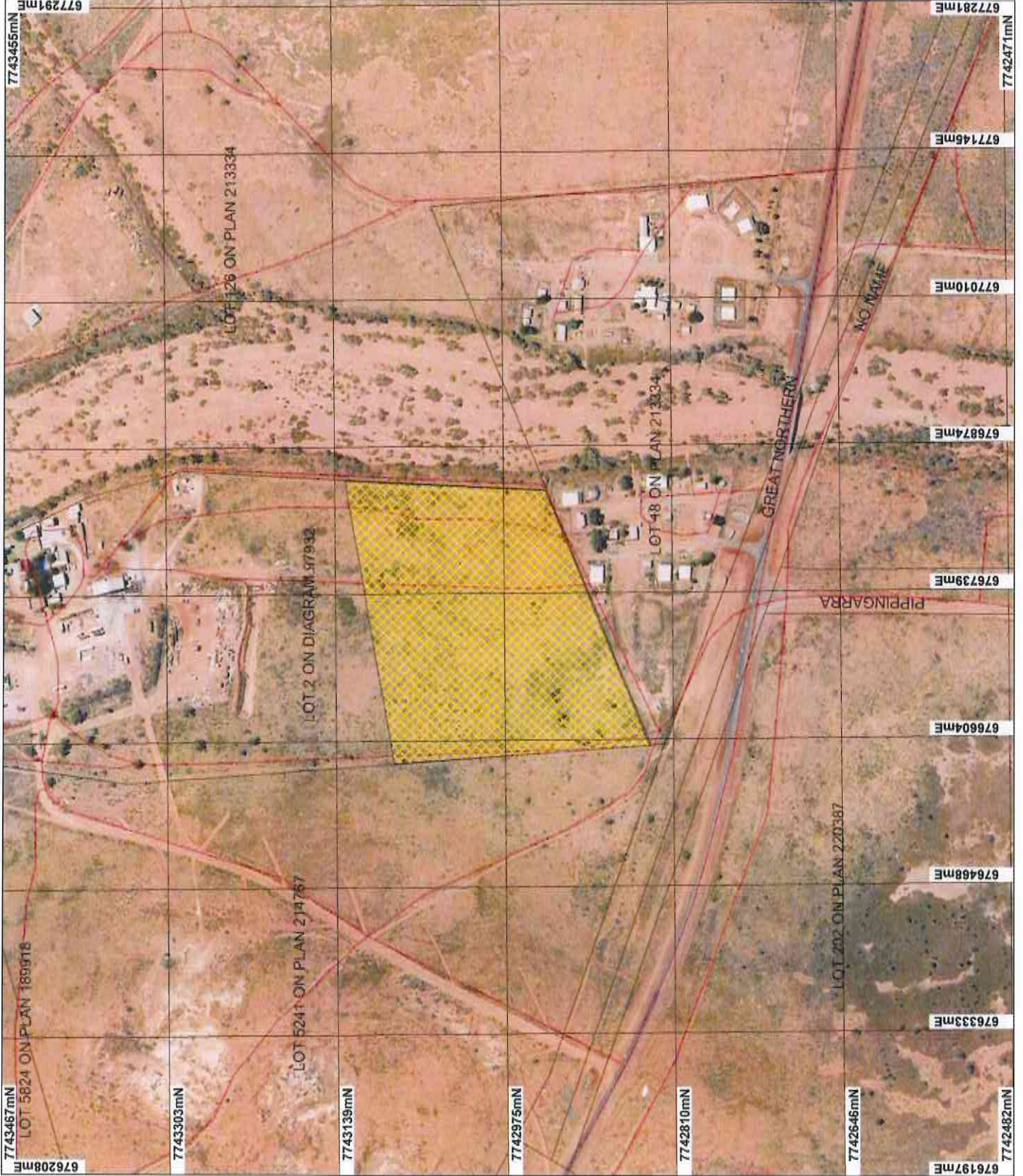
A handwritten signature in black ink, appearing to read 'Kelly Faulkner', written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

21 June 2012

Plan 5059/1



LEGEND

- Cadastral**
- Freehold
 - Crown Reserve
 - State Forest / Timber Block
 - Marine Park
 - Crown Lease
 - Lease / Reserve
 - Lease on State Forest / Ts
 - Public Roads
 - Unallocated Crown Land
 - Water
- Road Centrelines**
- Clearing Instrument
 - Areas Approved to Clear
- Port Hedland 50cm Landgate 2004**

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



0 725m

Scale 1:4985

(Approximate when reproduced at A4)

Geospatial Datum Australia 1984

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

Kelly Faulkner
Date 20/6/12

Kelly Faulkner

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
Mt. Crown Copyright 2002



1. Application details

1.1. Permit application details

Permit application No.: 5059/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: **Graham David and Margaret Rita Buckley**

1.3. Property details

Property: LOT 2 ON DIAGRAM 97932 (PIPPINGARRA 6722)
LOT 2 ON DIAGRAM 97932 (PIPPINGARRA 6722)

Local Government Area: Town of Port Hedland

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
5.35		Mechanical Removal	Building or Structure

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 21 June 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
Mapped Beard vegetation association 589 is described as 'Mosaic: Short bunch grassland - savanna / grass plain (Pilbara) / Hummock grasslands, grass steppe; soft spinifex' (Shepherd, et al 2001).	The application is to clear up to 5.35 hectares of native vegetation within Lot 2 on Diagram 97932, Pippingarra, for the purpose of creating transient workforce accommodation.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	Condition of Vegetation assessed using aerial imagery (Port Hedland 50cm Orthomosaic - Landgate 2004), and supporting documentation supplied by the applicant (RPS, 2012).
	The vegetation under application is considered to be of two main types; High open shrubland of <i>Acacia inaequilatera</i> over scattered shrubs of <i>Indigofera linifolia</i> over Hummock Grassland of <i>Triodia epactia</i> over Scattered Sedges of <i>Fimbristylis dichotoma</i> and <i>Cucumis maderaspatanus</i> , and	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	
	Scattered Low shrubs of <i>Indigofera linnaei</i> , <i>indigifera linifolia</i> , <i>Desmodium filiforme</i> and <i>Tephrosiasupina</i> over Tussock Grassland of <i>Triodiaepactia</i> (RPS, 2012).	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

The application is to clear up to 5.35 hectares of native vegetation within Lot 2 on Diagram 97932, Pippingarra, for the purpose of creating transient workforce accommodation. The vegetation condition ranges from completely degraded to excellent (RPS, 2012).

One priority flora species, *Heliotropium muticum* (P1) has been recorded twice within the local area (10km radius). The area under application is within an extensively vegetated landscape with approximately 99 per cent vegetation representation within the Pilbara Bioregion (Government of Western Australia, 2011). RPS Environment and Planning Pty Ltd (RPS) conducted a Level 1 flora and vegetation survey over the application area and did not identify any rare or priority flora (RPS, 2012).

Within the local area (10km radius) there are 5 known records of conservation significant fauna (RPS, 2012). The fauna habitats within the area proposed to be cleared are well represented elsewhere within the local and regional area, and no significant loss of habitat for fauna indigenous to Western Australia is expected.

The Beebingarra Creek (ephemeral) is situated in close proximity to the proposed clearing area. No riparian vegetation was located within the proposed clearing area (RPS, 2012), therefore it is unlikely to be at variance to principle (f).

The assessment determined that the proposed clearing is not likely to significantly impact any biodiversity, habitat or environmental values or cause any appreciable land degradation within the local or regional context. Therefore, the proposed clearing is not likely to be at variance to any of the clearing principles.

The disturbance resulting from the proposed clearing will increase the risk of weeds spreading into adjacent land. Weed management practices will assist in mitigating this risk.

Given the above, the proposed clearing is not likely to be at variance to any of the clearing principles.

Methodology

References:

- RPS (2012)
- Government of Western Australia (2011)

GIS Databases

- SAC Bio datasets (2 March 2012)
- Government of Western Australia (2011)
- Naturebase
- DEC Managed Lands
- Pre-European Vegetation
- Hydrography, linear
- Port Hedland 50cm Orthomosaic-Landgate 2008

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

Comments

No submissions from the public have been received.

There is one site of Aboriginal Site of Significance within the area proposed to be cleared. It is the proponent's responsibility to comply with the Aboriginal Heritage Act 1972 and ensure that no Aboriginal Sites of Significance are damaged through the clearing process.

There is a Memorial over Lot 2 on Diagram 97932 stating the Lot may be affected by the periodical flooding of Beebingarra Creek.

It is recommended that weed management measures are undertaken to prevent the risk of weeds being spread as a result of disturbance activities (DEC, 2012).

The Town of Port Hedland has granted developmental approval and has no objections to the proposed clearing (Town of Port Hedland, 2012).

Methodology

References:

- DEC (2012)
- Town of Port Hedland (2012)

Officer

Ray Carvalho

4. References

- DEC (2012) Regional Advice Report - CPS 5059/1 - 21/06/2012. DEC ref: A516356
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, Perth.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- RPS (2012). Level 1 Flora and Vegetation Survey and Level 1 Fauna Assessment. Additional Information for CPS 5059/1. Lot 2 on Diagram 97932, Pippingarra. DEC Ref A505151
- 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.
- Town of Port Hedland (2012). Response to Application 5059/1 to clear native vegetation DEC Ref A511719.

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)