



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4714/1

File Number: 2011/010945-1

Duration of Permit: From 16 April 2012 to 16 April 2017

PERMIT HOLDER

Greenvalley Asset Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

CROWN RESERVE 40071 (LOT 3921 ON DEPOSITED PLAN 216552)

ROBINS ROAD RESERVE (PIN 11441932)

UNAMEND ROAD RESERVE (PIN 11441931)

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

Clearing for the purpose of installing a rising main

CONDITIONS

1. Area of Clearing

The Permit Holder shall not clear more than 1.25 hectares of native vegetation within the area shaded yellow on attached Plan 4714/1.

2. Application

This Permit allows the Permit Holder to authorise persons, including employees, contractors and agents of the Permit Holder, to clear native vegetation for the purposes of this Permit subject to compliance with the conditions of this Permit and approval from the Permit Holder.

3. Type of clearing authorised

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the power to clear native vegetation for those activities under the *Land Administration Act 1997* or any other written law.

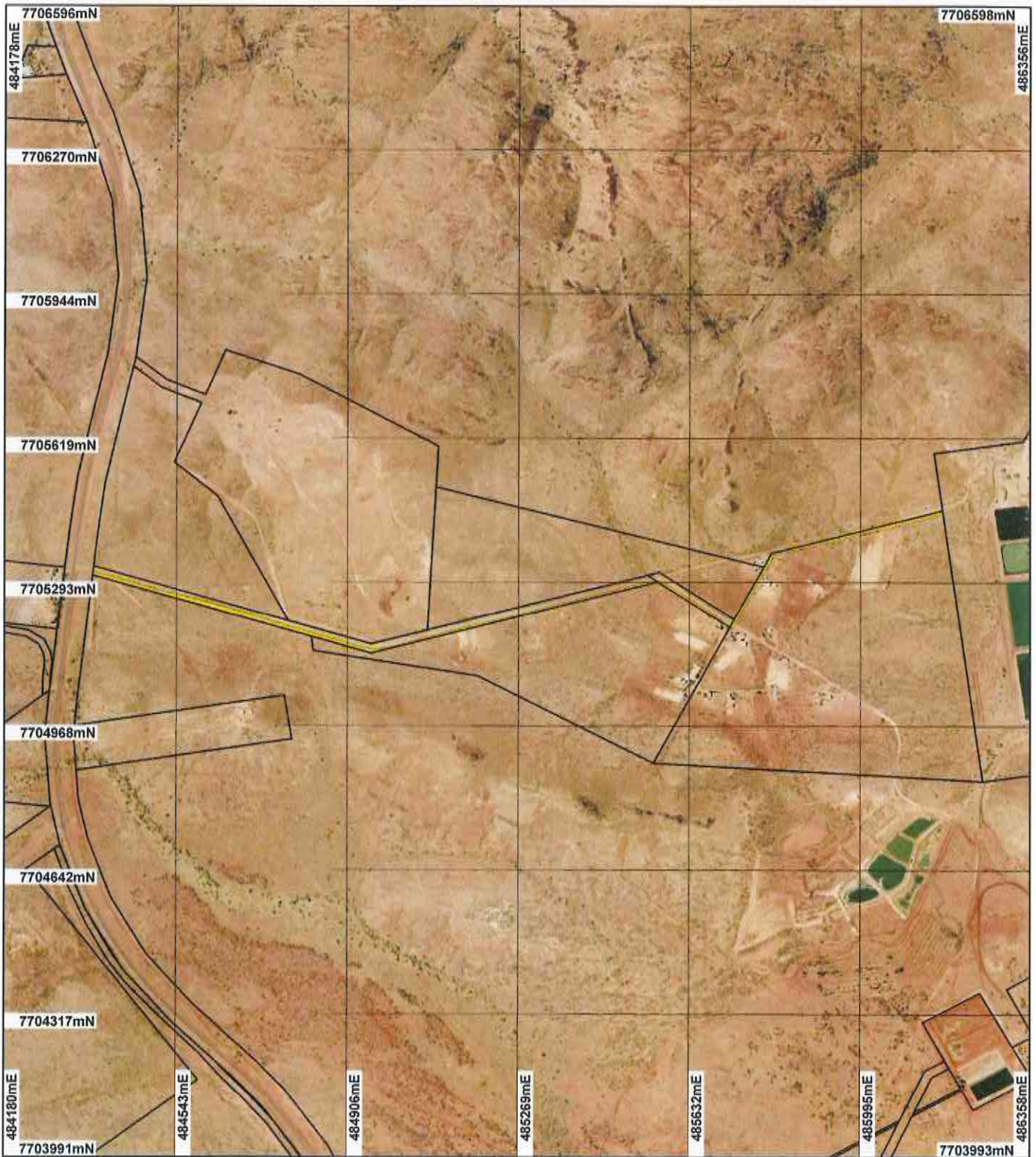
A handwritten signature in black ink, appearing to be "K. Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

22 March 2012

Plan 4714/1



LEGEND

Clearing instruments

- Areas Approved to Clear
- Cadastre
- Dampier and Extensions 50cm Orthomosaic - Landgate 2008



0 -300 m

Scale 1:12005

(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 22/3/12
K. 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
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* Project Data. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 4714/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Greenvally Asset Pty Ltd

1.3. Property details

Property: ROAD RESERVE (KARRATHA INDUSTRIAL ESTATE 6714)
ROAD RESERVE (MULATAGA 6714)
ROAD RESERVE (MULATAGA 6714)
LOT 3921 ON PLAN 216652 (Lot No. 3921 ROBINS MULATAGA 6714)
Local Government Area: Shire of Roebourne

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 22 March 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 157: Hummock grasslands, grass steppe; hard spinifex, Triodia wiseana	The proposal is to clear 1.25ha over 1.8km linear area for the purpose of installing a raising main.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation condition was determined from aerial photographs (Landgate Karratha Townsite 20cm Orthomosaic).
589: Mosaic: Short bunch grassland - savanna/ grass plain (Pilbara)/ Hummock grasslands, grass steppe; soft spinifex (Shepherd 2009) grasslands, grass steppe; soft spinifex (Shepherd 2009)	The vegetation under application ranges from a degraded to very good (Keighery, 1994) condition. Sections of the application area appear to be subjected to past disturbances from previous infrastructure activities such as roads, tracks and buildings.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

The application is to clear 1.25 hectares over a 1.8km linear area for the purpose of installing a raising main. The application is approximately 2.4km south of the Karratha townsite.

A priority ecological community (PEC) referred to as Roebourne Plains Gilgai has been mapped approximately 3km south of the application area. There have been 10 occurrences of the PEC mapped within a 10km radius of the application area. Approximately 30 percent of the area under application has been mapped as occurring within the same vegetation type as the mapped PEC, however not the same soil type. Considering the small area proposed to be cleared along with the different soil types, it is unlikely the mapped PEC is present within the application area, nor is it likely to be impacted upon from the proposed clearing.

Numerous non-perennial watercourses intersect with the area under application. It is considered the proposed clearing may impact on watercourse dependent vegetation. Therefore the application is at variance to principle (f). However, it is considered for this impact to be minimal given the small area proposed to be cleared and the linear shape of the proposed clearing.

Given the linear nature of the clearing and that the vegetation under application is considered to be subject to past disturbances, it is unlikely that the vegetation holds a high level of biodiversity, nor is it likely to impact upon flora and fauna of conservation significance in the local area. Additionally, the proposed clearing is not likely to impact on ground water, surface water quality or cause appreciable land degradation in the local area.

The application is at variance to principle (f) and not likely to be at variance to the remaining clearing principles.

Methodology GIS Databases
- DEC Tenure
- SAC Bio Datasets (22/12/2011)
- Hydrography Linear
- Soils, Statewide

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

Comments

The applicant has received from the Department of Regional Development and Land (2012) authorisation to access Crown reserve 40071 for the proposed raising main.

The Shire of Roebourne is aware of the proposed clearing and has advised it has no objections to the application (Shire of Roebourne, 2012).

Methodology References
Department of Regional Development and Land (2012)
Shire of Roebourne (2012)

4. References

- Department of Regional Development and Land. (2012). Advice received for Clearing Permit Application CPS 4714/1 ? Greenvally Asset Pty Ltd (DEC Ref:A483621)
- 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.
- Shire of Roebourne. (2012) Advice received in relation to Clearing Permit Application CPS 4714/1 (DEC Ref: A463902)

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)