



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 4143/1

File Number: 2011/000024-1

Duration of Permit: From 17 January 2011 to 17 January 2013

PERMIT HOLDER

Department of Agriculture and Food WA

LAND ON WHICH CLEARING IS TO BE DONE

Lot 415 on Plan 220782 (House No. 415 NORTH WEST COASTAL INGGARDA 6701)

Lot 332 on Plan 213799 (House No. 96 LAWSON SOUTH PLANTATIONS 6701)

Lot 459 on Plan 190785 (INGGARDA 6701)

Road Reserve (SOUTH PLANTATIONS 6701) PIN 11739231

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

Clearing for the purposes of establishing borrow pits for replacement soil required for the Carnarvon flood recovery response.

CONDITIONS

1. The Permit Holder must not clear more than 5 hectares of native vegetation within the area cross hatched yellow on attached Plan 4143/1.

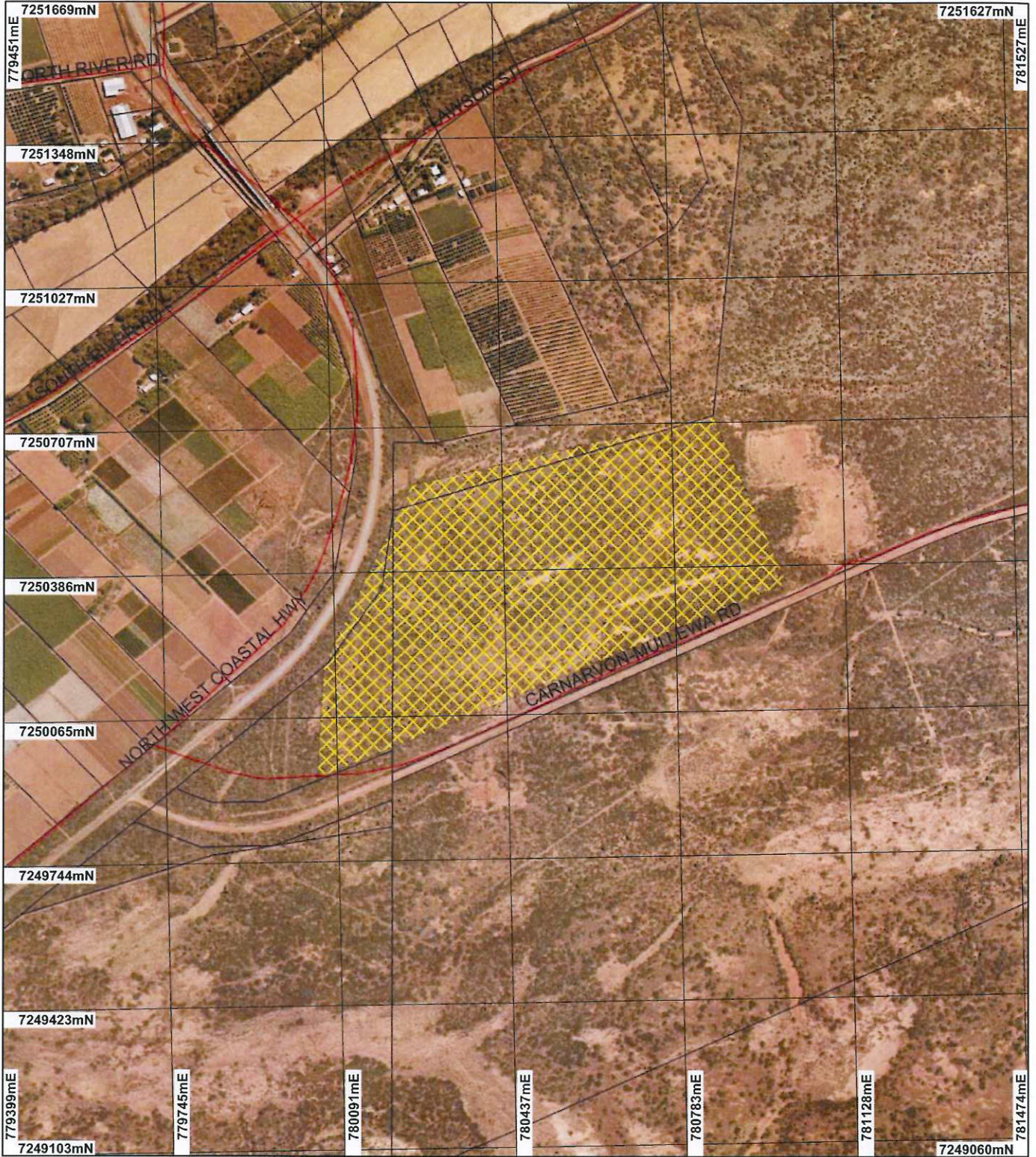
A handwritten signature in black ink, appearing to read "K Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

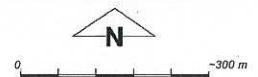
17 January 2011

Plan 4143/1



LEGEND

- Clearing Instruments
- Areas Approved to Clear
 - Road Centrelines
 - Cadastre
- Carnarvon 1.4m Orthomosaic - Landgate 2002



Geocentric Datum Australia 1994

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

K Faulkner Date 17/1/11

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.: 4143/1
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Department of Agriculture and Food WA (DAFWA)

1.3. Property details

Property: LOT 415 ON PLAN 220782 (House No. 415 NORTH WEST COASTAL INGGARDA 6701)
LOT 415 ON PLAN 220782 (House No. 415 NORTH WEST COASTAL INGGARDA 6701)

Local Government Area:

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
5		Mechanical Removal	Borrow pits for soil replacement required for the Carnarvon flood recovery response

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 17 January 2011

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
The vegetation under application is mapped as being composed of Beard vegetation association 308 - Mosaic: Shrublands; Acacia sclerosperma sparse scrub / Succulent steppe; saltbush & bluebush (Shepherd, 2009).	The vegetation appears to range in condition from completely degraded to very good (Keighery, 1994), with small parts of the application area having no vegetation cover present. The surrounding area is utilized for intensive horticulture which stretches along the Gascoyne River for some 15km, from the river mouth inland (to the east) and the applied area is adjacent to an already cleared area. The majority of the vegetation proposed to be clearing is considered to be in very good (Keighery, 1994) condition.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The condition and description of the vegetation under application was determined via the use of aerial imagery and GIS data

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**

The proposed clearing of 5 hectares is required to establish a borrow pit for replacement soil as part of the Carnarvon flood recovery programme.

The vegetation appears to range in condition from completely degraded to very good (Keighery, 1994), with small parts of the application area having no vegetation cover present. The surrounding area is utilized for intensive horticulture which stretches along the Gascoyne River for some 15km, from the river mouth inland (to the east) and the applied area is adjacent to an already cleared area. The majority of the vegetation to be clearing is considered to be in very good (Keighery, 1994) condition.

There are no declared rare or threatened ecological communities within the vicinity of the application area. The closest recorded priority flora species is located 360 metres east of the applied area.

Given the clearing consists of 5ha of vegetation in a highly vegetated area (approx 75 -80% remaining in 50km radius), it is unlikely the vegetation under application represents significant fauna habitat; will impact on the environmental values of conservation areas; or cause or exacerbate land degradation, water quality or flooding.

It is considered that the clearing as proposed is not likely to be at variance with any of the clearing principles.

Methodology Keighery (1994)

GIS database:

- Carnarvon 1.4m Orthomosaic - Landgate 2002
- Interim Biogeographic Regionalisation of Australia - EA 18/10/00
- DEC Tenure
- SAC Biodatasets (accessed Sept 2010)
- Soils, Statewide DA 11/99
- Pre European Vegetation (DA 2001)
- Clearing Regulations, Environmentally Sensitive Areas (2009)
- Current Extent of Native Vegetation (NLWRA 2001)
- NLWRA, Current Extent of Native Vegetation 20 Jan 2001
- Hydrography linear (hierarchy) - DoW 13/7/06

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

Comments

The proposal area lies within the Carnarvon irrigation district surface water area and the Carnarvon groundwater area (RIWI act areas). The applied area is also located within the Carnarvon Water Reserve (Priority 1 assigned).

The Gnulli native title claimants and the Yamatji Marlpa Aboriginal Corporation have been notified of the proposed clearing.

The Department of Regional Development and Lands (DRDL) have advised that the Shire of Carnarvon has no objections to the proposed clearing and that based on discussions between the Commissioner for Soil and Land Conservation and pastoral lessees, no objection to the proposed clearing is anticipated. DRDL have commenced discussions with both the Yamatji Marlpa Aboriginal Corporation (YMAC) and the Gnulli native title claimants. DRDL have advised that it is appropriate for clearing to commence and that liaisons will continue with the applicant regarding native title matters (DEC Ref: A361978).

Methodology

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
- Aboriginal Sites of Significance 26 April 2007

4. References

- 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)