



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5485/2
Permit Holder:	Department of Water
Duration of Permit:	24 May 2013 – 24 May 2018

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Purpose for which clearing may be done

Clearing for the purpose of installing a groundwater monitoring bore and access track.

2. Land on which clearing is to be done

Lot 259 on Deposited Plan 220696, Waterbank
Unnamed road reserve (PIN: 11731920), Waterbank

3. Area of Clearing

The Permit Holder must not clear more than 0.25 hectares of native vegetation within the area shaded yellow on attached Plan 5485/2

4. 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.

5. 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 right to access land under the *Water Agencies (Powers) Act 1984* or any other written law.

6. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

7. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

8. Weed control

- (a) 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*:
 - (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iii) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

9. Flora management

- (a) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *botanist* to inspect that area for the presence of *priority flora*.
- (b) Where *priority flora* are identified in relation to condition 9(a) of this Permit, the Permit Holder shall ensure that:
 - (i) no clearing of identified *priority flora* occurs, unless first approved by the CEO; and
 - (ii) no clearing occurs within 10 metres of identified *priority flora*, unless first approved by the CEO.

PART III - RECORD KEEPING AND REPORTING

10. Records must be kept

The Permit Holder must maintain the following records in relation to flora management pursuant to condition 9 of this Permit:

- (a) the location of each *priority flora* species recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
- (b) the species name of each *priority flora* species identified; and
- (c) a copy of the botanists flora survey report.

11. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
 - (i) of records required under condition 10 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year.
- (c) Prior to 24 February 2018, the Permit Holder must provide to the CEO a written report of records required under condition 10 of this Permit where these records have not already been provided under condition 11(a) of this Permit.

DEFINITIONS

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

botanist means a person with specific training and/or experience in the ecology and taxonomy of Western Australian flora;

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;

priority flora means those plant taxa described as priority flora classes 1, 2, 3, 4 or 5 in the *Department of Environment and Conservation's Threatened and Priority Flora List for Western Australia* (as amended); and

weed/s means any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

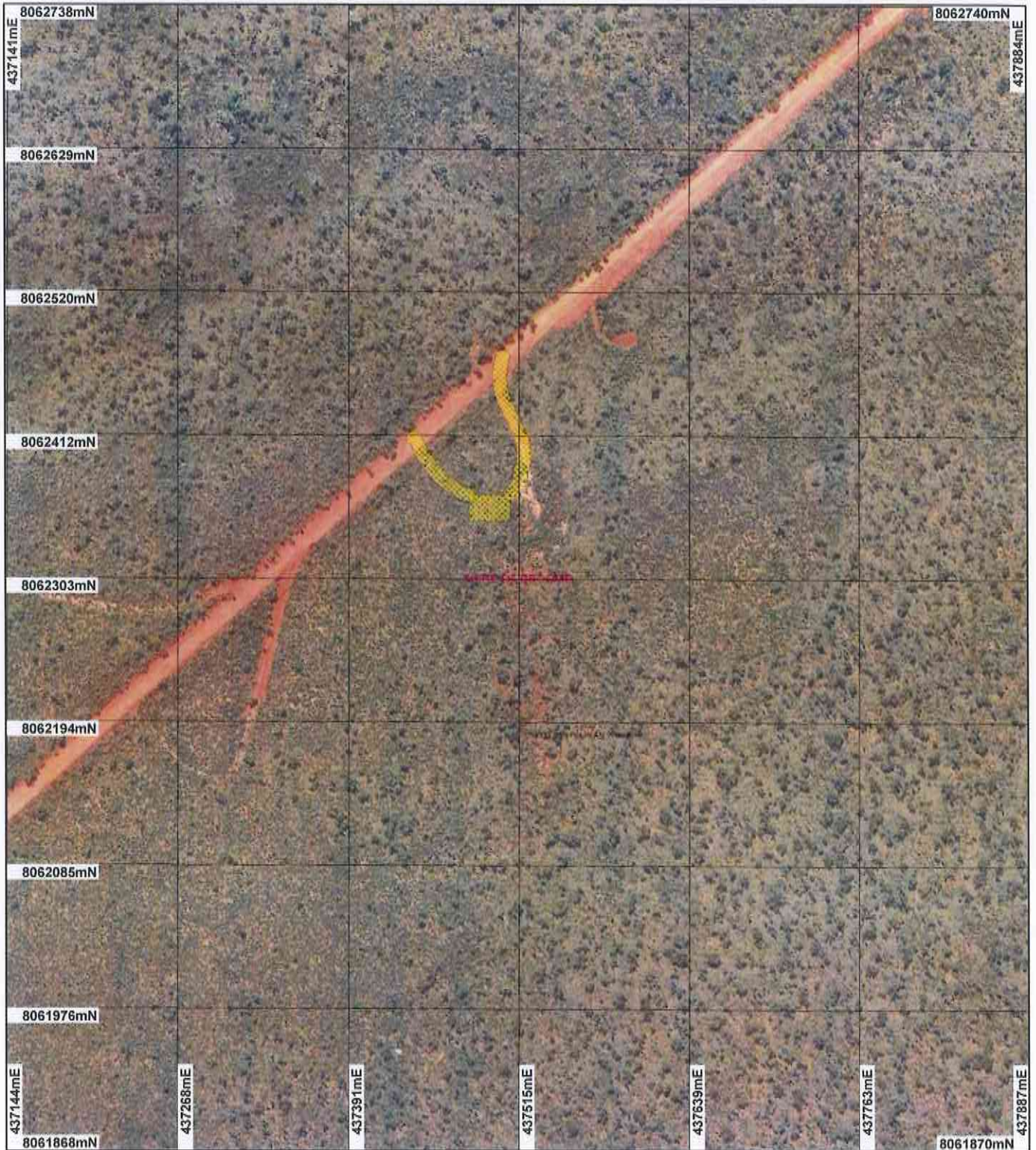


M Warnock
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

7 June 2013


Plan 5485/2



LEGEND

- Road Centrelines
- Cadastre
- Local Government Authorities
- Clearing Instruments
- Areas Approved to Clear

Broome 50cm Orthomosaic - Landgate 2007



Scale 1:4046
(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.

M Warnock 7/6/13 Date

M Warnock

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.: 5485/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Department of Water

1.3. Property details

Property: LOT 259 ON PLAN 220696 (House No. 259 WATTLE WATERBANK 6725)
ROAD RESERVE (WATERBANK 6725)

Local Government Area: Shire of Broome

Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.25		Mechanical Removal	Bore construction

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 7 June 2013

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 Beard Vegetation Association 750 which is described as 'Shrublands, pindan; Acacia tumida shrubland with grey box & cabbage gum medium woodland over ribbon grass & curly spinifex' (Shepherd et al., 2001).	The amended application proposes to clear up to 0.25 hectares of native vegetation within Lot 259 on Deposited Plan 220696 and unnamed road reserve, Waterbank, for the purpose of constructing a groundwater monitoring bore and associated access track.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).	The condition of the vegetation under application was determined via the use of aerial imagery.
	The area under application is predominantly Acacia shrubland, consisting predominately of Acacia sp. (Pindan Wattle) (DEC, 2013). The ground cover layer is predominately Heteropogon, Sorghum and Tridodia sp. The middle storey is predominately comprised of Grevillea, Hakea and Grewia sp. (DEC, 2013).	To Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	

3. Assessment of application against clearing principles

Comments

The amended application proposes to clear up to 0.25 hectares of native vegetation for the purpose of constructing a groundwater monitoring bore and an associated access track.

Nineteen priority flora species have been recorded in the local area, all of which are mapped on the same soil and vegetation types as the application area. There are numerous records of a Priority 1 species within the local area (10 kilometre radius), with the closest being located within one kilometre. A site visit of application area conducted by the Department of Environment and Conservation (DEC) officers on 28 March 2013 identified possible occurrences of this species within the application area (DEC, 2013). A flora survey and appropriate flora management practices will assist in minimising impact to priority flora.

There are no rare flora species, threatened or priority ecological communities within the local area (10 kilometre radius). Given the clearing consists of 0.25 hectares and the local area (10 kilometre radius) is well vegetated (95 percent), it is unlikely for the proposed clearing to contain significant fauna habitat, impact on conservation areas, cause or exacerbate land degradation or flooding, or impact on groundwater. There are no watercourses within the application area, therefore the proposed clearing is unlikely to impact on surface water quality.

Given the potential for priority flora to occur within the application area the proposed clearing may be at variance to principle (a). The remaining clearing principles are not likely to be at variance.

Methodology **References:**
DEC (2013)

GIS Databases:
- DEC Tenure
- Hydrography, Linear
- SAC Biodatasets

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

Comments

Clearing permit CPS 5485/1 was granted on 2 May 2013. This permit was appealed and consequently the applicant has requested to amend the permit to remove the controversial area. The application has been reduced from 4.938 to 0.25 hectares.

Methodology

4. References

- DEC (2013) Site Inspection Report for Clearing Permit Application CPS 5485/1, Lot 259 on Deposited Plan 220696, Broome-Cape Leveque Road reserve and unnamed road reserve, Waterbank. Site inspection undertaken 4 April 2013. Department of Environment and Conservation, Western Australia (DEC Ref: A622445).
- 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., 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)