



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 5736/2
Permit Holder:	Chevron Australia Pty Ltd
Duration of Permit:	16 November 2013 – 16 November 2023

ADVICE NOTE:

This Permit does not confer upon the Permit Holder authorisation to access the land to which the Permit relates.

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 performing geotechnical and contaminated site investigations, heritage, cadastral, service location and environmental surveys for the Onslow Power and Water Upgrade Project.

2. Land on which clearing is to be done

LOT 15 ON PLAN 144118, Onslow	LOT 306 ON PLAN 45640, Peedamulla
LOT 16 ON PLAN 161140, Onslow	LOT 524 ON PLAN 69198, Talandji
LOT 81 ON PLAN 184611, Onslow	LOT 555 ON PLAN 61416, Onslow
LOT 85 ON PLAN 215492, Onslow	LOT 558 ON PLAN 71346, Talandji
LOT 86 ON PLAN 215492, Onslow	Onslow Road reserve (PIN 11730565), Talandji
LOT 87 ON PLAN 215492, Onslow	Onslow Road reserve (PIN 11732966), Talandji
LOT 88 ON PLAN 215492, Onslow	Onslow Road reserve (PIN 11732965), Peedamulla
LOT 132 ON PLAN 168861, Onslow	Onslow Road reserve (PIN 11732962), Onslow
LOT 149 ON PLAN 220384, Peedamulla	Onslow Road reserve (PIN 11788844), Onslow
LOT 152 ON PLAN 220265, Talandji	Unallocated Crown Land (PIN 701682), Onslow
LOT 173 ON PLAN 240367, Onslow	Unallocated Crown Land (PIN 11953190), Onslow
LOT 185 ON PLAN 219197, Onslow	Unallocated Crown Land (PIN 11953189), Onslow
LOT 186 ON PLAN 219155, Talandji	Unallocated Crown Land (PIN 11953192), Onslow
LOT 279 ON PLAN 219235, Peedamulla	Unallocated Crown Land (PIN 11953196), Onslow
LOT 280 ON PLAN 219235, Talandji	Unallocated Crown Land (PIN 11866150), Onslow
LOT 281 ON PLAN 219235, Peedamulla	Unallocated Crown Land (PIN 11953195), Onslow
LOT 282 ON PLAN 219235, Onslow	Water Feature (PIN 11953180), Onslow
LOT 283 ON PLAN 219235, Onslow	Water Feature (PIN 11953178), Onslow
LOT 718 ON PLAN 400252, Onslow	Water Feature (PIN 11953179), Onslow
LOT 305 ON PLAN 49430, Onslow	

3. Area of Clearing

The Permit Holder must not clear more than 30 hectares of native vegetation within the area shaded yellow on attached Plan 5736/2.

4. Period in which clearing is authorised

The Permit Holder shall not clear any native vegetation after 16 November 2018.

5. 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.

PART II – MANAGEMENT CONDITIONS

6. 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.

7. Retain vegetative material and topsoil, revegetation and rehabilitation

The Permit Holder shall:

- (a) Retain the vegetative material and topsoil removed by clearing authorised under this Permit and stockpile the vegetative material and topsoil in an area that has already been cleared.
- (b) At an *optimal time* within 12 months following completion of geotechnical investigations, *revegetate* and *rehabilitate* areas not required for future scheduled and approved development, by:
 - (i) ripping the ground on the contour to remove soil compaction; and
 - (ii) laying the vegetative material and topsoil retained under condition 7(a) on the cleared area(s).
- (c) Within 24 months of laying the vegetative material and topsoil on the cleared area in accordance with condition 7(b) of this Permit:
 - (i) engage an *environmental specialist* to determine the species composition, structure and density of the area *revegetated* and *rehabilitated*; and
 - (ii) where, in the opinion of an *environmental specialist*, the composition structure and density determined under condition 7(c)(i) of this Permit will not result in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, *revegetate* the area by deliberately *planting* and/or *direct seeding* native vegetation that will result in a similar species composition, structure and density of native vegetation to pre-clearing vegetation types in that area and ensuring only *local provenance* seeds and propagating material are used.

PART III - RECORD KEEPING AND REPORTING

8. Records to be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit:

- (a) In relation to the clearing of native vegetation authorised under this Permit:
 - (i) the species composition, structure and density of the cleared area;
 - (ii) the location where the clearing occurred, 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;
 - (iii) the date that the area was cleared; and
 - (iv) the size of the area cleared (in hectares).
- (b) In relation to the *revegetation* and *rehabilitation* of areas pursuant to condition 7 of this Permit:
 - (i) the location of any areas *revegetated* and *rehabilitated*, 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;
 - (ii) a description of the *revegetation* and *rehabilitation* activities undertaken;
 - (iii) the size of the area *revegetated* and *rehabilitated* (in hectares);
 - (iv) the species composition, structure and density of *revegetation* and *rehabilitation*, and
 - (v) a copy of the environmental specialist's report.

9. 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 8 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 16 August 2023, the Permit Holder must provide to the CEO a written report of records required under condition 8 of this Permit where these records have not already been provided under condition 9(a) of this Permit.

DEFINITIONS

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

direct seeding means a method of re-establishing vegetation through the establishment of a seed bed and the introduction of seeds of the desired plant species;

environmental specialist means a person who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit, or who is approved by the CEO as a suitable environmental specialist.

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

local provenance means native vegetation seeds and propagating material from natural sources within 200 kilometres and the same Interim Biogeographic Regionalisation for Australia (IBRA) subregion of the area cleared.

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;

optimal time means the period from November to December for undertaking *planting*;

planting means the re-establishment of vegetation by creating favourable soil conditions and planting seedlings of the desired species;

regenerate/ed/ion means re-establishment of vegetation from in situ seed banks and propagating material (such as lignotubers, bulbs, rhizomes) contained either within the topsoil or seed-bearing mulch;

rehabilitate/ed/ion means actively managing an area containing native vegetation in order to improve the ecological function of that area;

revegetate/ed/ion means the re-establishment of a cover of native vegetation in an area such that the species composition, structure, density and *condition* is similar to pre-clearing vegetation types in that area, and can involve *regeneration*, *direct seeding* and/or *planting*;

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 a Department of Parks and Wildlife Regional Weed Ranking Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

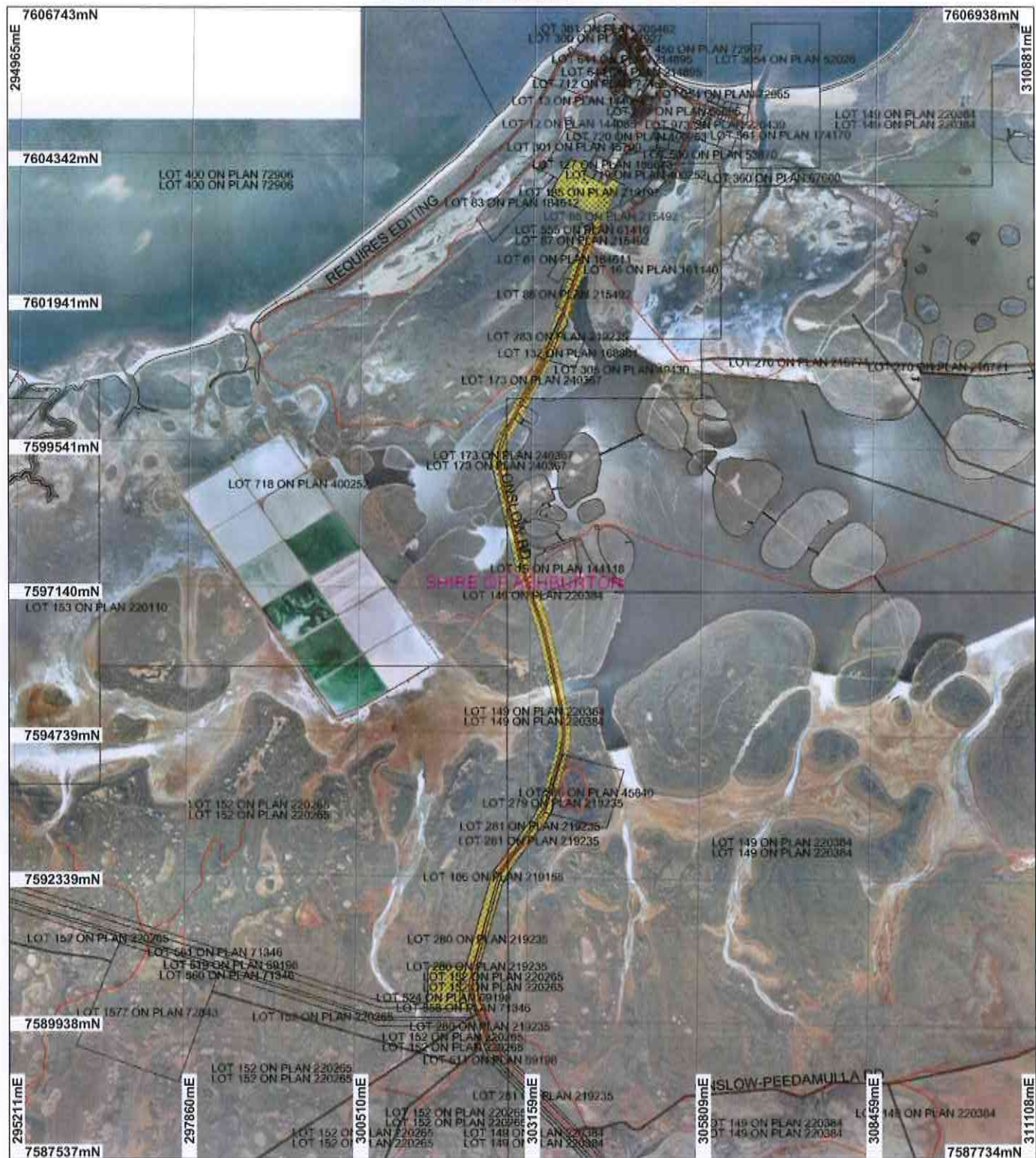


M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

8 May 2014

Plan 5736/2



LEGEND

Clearing Instruments

- Areas Approved to Clear
- Local Government Authority

Cadastral

Onslow 1.4m Orthomosaic - Landgate 2001



0 2.5 km

Scale 1:88000

(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 Date 8/5/14

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.



Government of Western Australia
Department of Environment Regulation

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Clearing Permit Decision Report

1. Application details

1.1. Permit application details

Permit application No.: 5736/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Chevron Australia Pty Ltd

1.3. Property details

Property:

LOT 185 ON PLAN 219197 (Lot No. 185 ONSLOW ONSLOW 6710)
LOT 85 ON PLAN 215492 (Lot No. 85 ONSLOW ONSLOW 6710)
ROAD RESERVE (ONSLOW 6710)
LOT 86 ON PLAN 215492 (Lot No. 86 ONSLOW ONSLOW 6710)
LOT 87 ON PLAN 215492 (Lot No. 87 ONSLOW ONSLOW 6710)
LOT 555 ON PLAN 61416 (Lot No. 555 ONSLOW ONSLOW 6710)
LOT 16 ON PLAN 161140 (House No. 16 ONSLOW ONSLOW 6710)
LOT 81 ON PLAN 184611 (Lot No. 81 ONSLOW ONSLOW 6710)
LOT 88 ON PLAN 215492 (Lot No. 88 ONSLOW ONSLOW 6710)
LOT 282 ON PLAN 219235 (ONSLOW 6710)
ROAD RESERVE (ONSLOW 6710)
LOT 132 ON PLAN 168861 (Lot No. 132 ONSLOW ONSLOW 6710)
LOT 283 ON PLAN 219235 (ONSLOW 6710)
LOT 305 ON PLAN 49430 (Lot No. 305 ONSLOW ONSLOW 6710)
ROAD RESERVE (PEEDAMULLA 6710)
LOT 173 ON PLAN 240367 (ONSLOW 6710)
WATER FEATURE (ONSLOW 6710)
UNALLOCATED CROWN LAND (ONSLOW 6710)
WATER FEATURE (ONSLOW 6710)
UNALLOCATED CROWN LAND (ONSLOW 6710)
WATER FEATURE (ONSLOW 6710)
UNALLOCATED CROWN LAND (ONSLOW 6710)
LOT 15 ON PLAN 144118 (ONSLOW 6710)
LOT 149 ON PLAN 220384 (PEEDAMULLA 6710)
LOT 306 ON PLAN 45640 (Lot No. 306 ONSLOW PEEDAMULLA 6710)
LOT 279 ON PLAN 219235 (PEEDAMULLA 6710)
LOT 281 ON PLAN 219235 (PEEDAMULLA 6710)
LOT 280 ON PLAN 219235 (TALANDJI 6710)
LOT 186 ON PLAN 219155 (TALANDJI 6710)
LOT 280 ON PLAN 219235 (TALANDJI 6710)
ROAD RESERVE (TALANDJI 6710)
LOT 524 ON PLAN 69198 (TALANDJI 6710)
LOT 152 ON PLAN 220265 (TALANDJI 6710)
LOT 558 ON PLAN 71346 (TALANDJI 6710)
ROAD RESERVE (TALANDJI 6710)
LOT 718 ON PLAN 400252 (ONSLOW 6710)

Local Government Area: Shire of Ashburton

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
30		Mechanical Removal	Geotechnical investigations

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 8 May 2014

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 application area is mapped as Beard vegetation associations 670, 127, 676 and 117 (Shepherd et al. 2001).	Onslow Power and Water Upgrade Project.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	Vegetation description and condition were determined from aerial imagery.
Vegetation association 670 is mapped within approximately 40 per cent of the application area and is described as: Hummock grasslands, shrub steppe; scattered shrubs over <i>Triodia basedowii</i> (Shepherd et al. 2001).		To	The applicant has advised that the application area is comprised of six vegetation habitat classifications:
Vegetation association 127 is mapped within approximately 30 per cent of the application area and is described as: Mosaic: Saltbush & bluebush/samphire (Shepherd et al. 2001).		Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	Tidal Mudflats and Tidal Creeks, Coastal Sand Dunes, Inland Sand Dunes, Coastal Sand Plains, Claypans, Clayey Plains (Chevron Australia Pty Ltd 2013).
Vegetation association 676 is mapped within approximately 30 per cent of the application area and is described as: Succulent steppe; samphire. (Shepherd et al. 2001)			
Vegetation association 117 is mapped within approximately 2 per cent of the application area and is described as: Hummock grasslands, grass steppe; soft spinifex (Shepherd et al. 2001).			

3. Assessment of application against clearing principles

Comments

This application has been amended to include on the permit the additional purposes of, heritage, cadastral, service location and environmental surveys.

A review of current environmental information reveals no additional information, therefore the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS 5736/1.

Methodology

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

Comments

No submissions from the public have been received for the proposed clearing.

The assessment against Planning and Other Matters has not changed and can be found in Decision Report CPS 5736/2.

Methodology

4. References

- Chevron Australia Pty Ltd (2013) Clearing Permit Application - Various properties within the Shire of Ashburton. Received 6/08/2013. Chevron Pty Ltd, Australia. DER REF: A656655.
- 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.