



## CLEARING PERMIT

*Granted under section 51E of the Environmental Protection Act 1986*

<b>Purpose Permit number:</b>	CPS 4842/1
<b>Permit Holder:</b>	Transpacific Industries Group Limited
<b>Duration of Permit:</b>	7 September 2012 – 7 September 2017

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 constructing a solid and liquid waste handling facility.

**2. Land on which clearing is to be done**

Lot 609 Deposited Plan 66691, COOYA POOYA 6714

**3. Area of Clearing**

The Permit Holder must not clear more than 10 hectares of native vegetation within the area hatched yellow on attached Plan 4842/1.

**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. 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

**6. 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.

## 7. 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.

## PART III - RECORD KEEPING AND REPORTING

### 8. Records must be kept

The Permit Holder must maintain the following records for activities done in relation to the clearing of native vegetation authorised under this Permit:

- (a) the species composition, structure and density of the cleared area;
- (b) 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;
- (c) the date that the area was cleared; and
- (d) the size of the area cleared (in hectares).

### 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 and 31 December of the preceding year.
- (b) Prior to 7 June 2017, 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:

*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;

*weeds* 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*.

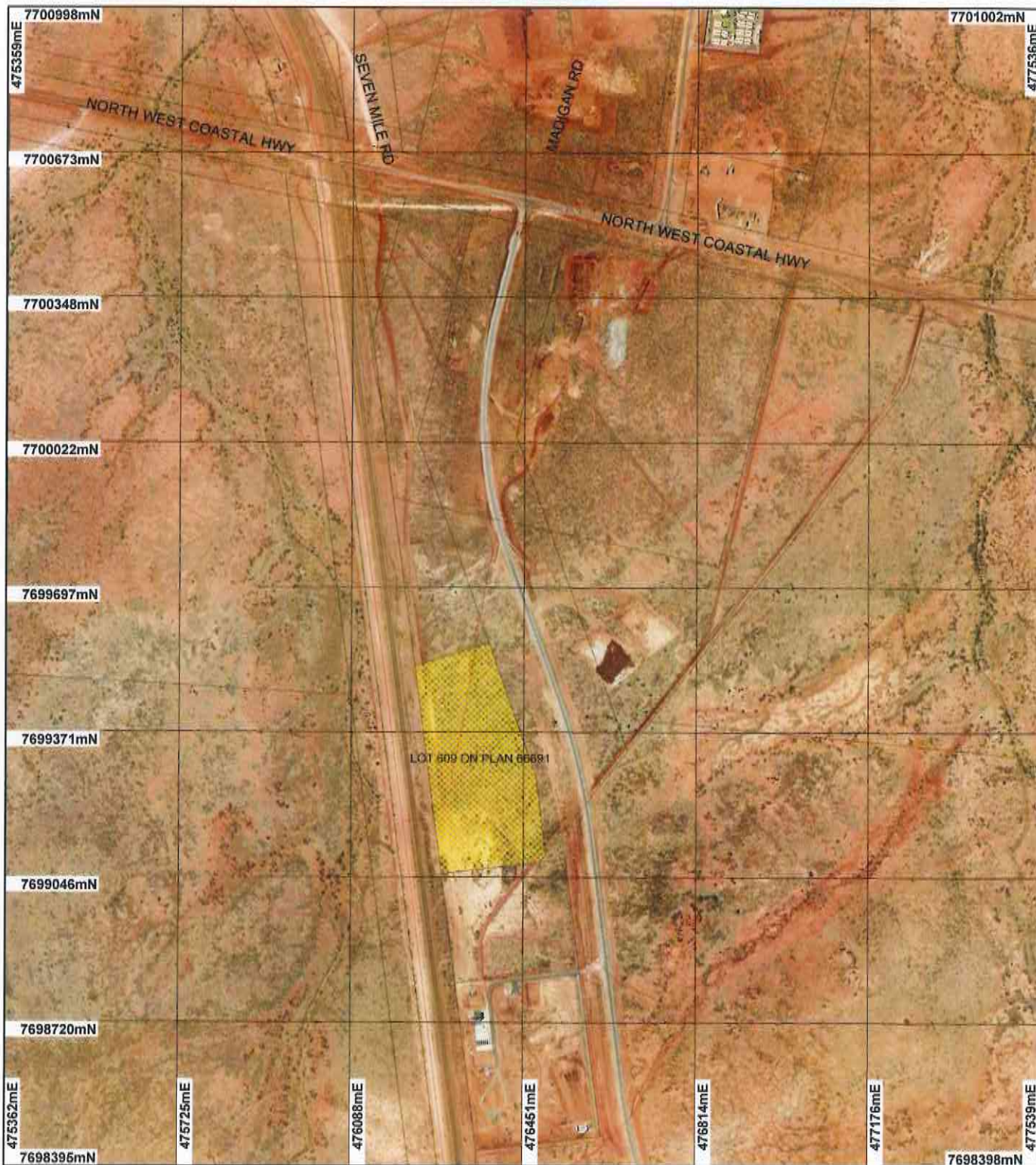


M Warnock  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

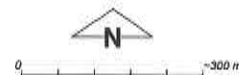
16 August 2012

# Plan 4842/1



## LEGEND

- |  |  |
|--|--|
| <b>Clearing Instruments</b>                          | <b>Dampier and Extensions 50cm Orthomosaic - Landgate 2008</b> |
| <input type="checkbox"/> Areas Approved to Clear     |  |
| <input checked="" type="checkbox"/> Road Centrelines |  |
| <input type="checkbox"/> Cadastre                    |  |
| <input type="checkbox"/> Cadastre for labelling      |  |



Scale 1:12000  
(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 17/8/12  
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.: 4842/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Transpacific Cleanaway Pty Ltd

### 1.3. Property details

Property: LOT 609 ON PLAN 66691 ( COOYA POOYA 6714)  
Local Government Area: Shire of Roebourne

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 16 August 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 2009).	The application proposes to clear up to 10 hectares of native vegetation within Lot 609 on Deposited Plan 66691, Cooya Pooya for the purpose of constructing a Solid and Liquid Waste Handling Facility. The vegetation is in very good (Keighery 1994) condition.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	The condition of the vegetation was determined through aerial imagery (Dampier and Extensions 50cm Orthomosaic - Landgate 2008).

## 3. Assessment of application against clearing principles

### Comments

The application proposes to clear up to 10 hectares of native vegetation within Lot 609 on Deposited Plan 66691, Cooya Pooya for the purpose of constructing a Solid and Liquid Waste Handling Facility.

The Priority Ecological Community (PEC) Roebourne Plains gilgai grasslands has been recorded 11 times within 5km of the application area, the closest record is 1.7km from the application area. An Astron (Astron Environmental Services 2011) Vegetation and Flora Survey of the application area did not identify any PEC's within the application area. Weed management practices will assist in mitigating the risk of weeds spreading into the surrounding PEC's.

Within the local area (10km radius) nine fauna species of conservation significance have been recorded. The Western Pebble-mound Mouse (*Pseudomys chapmani*, Priority 4 Wildlife Conservation Act 1950), and the Spectacled Hare-wallaby (*Lagorchestes conspicillatus* subsp. *leichhardtii*, Priority 3 Wildlife Conservation Act 1950), have the closest records (DEC, 2007). The Spectacled Hare-wallaby has the closest record, 1.2km away from the application area (DEC 2007- ). The vegetation within the applied area is not likely to provide significant habitat for the above mentioned fauna. An Astron (Astron Environmental Services 2011) Flora and Vegetation Survey Report identified several bird species and reptiles utilising the area, however did not identify any significant habitat for fauna of conservation significance. The vegetation type under application is well represented in the local area (98% pre European extent remaining) and therefore the vegetation under application is not likely to be significant habitat for indigenous fauna.

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

Methodology References:

Astron Environmental Services (2011)  
DEC (2007-)

GIS Databases:

- Dampier and Extensions 50cm Orthomosaic - Landgate 2008
- SAC Biodatasets - Accessed February 2012

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

### Comments

The application proposes to clear up to 10 hectares of native vegetation within Lot 609 on Deposited Plan 66691, Cooya Pooya for the purpose of constructing a Solid and Liquid Waste Handling Facility.

A works approval from DEC was obtained on the 8 August 2012 under the Environmental Protection Act 1986 (DEC 2012).

Development Approval has been received from the Shire of Roebourne on 13 August 2012, for a waste management facility and transient workforce accommodation (Shire of Roebourne 2012).

The area under application falls within the Pilbara groundwater and Surface Water area which are areas proclaimed under the Rights in Water and Irrigation Act 1914 (RIWI). The Department of Water (DoW) advised that any interference with the bed and banks of a watercourse, and groundwater abstraction in this proclaimed RIWI area will require a permit. DoW consider the application is unlikely to have an impact on the quantity or quality of groundwater, provided clearing activities are conducted in accordance with DoW guidelines and advice (DoW 2012).

### Methodology

The application area is zoned as Noxious and Hazardous Industry under the Town Planning Scheme.

References:

- DEC (2012)
- DoW (2012)
- Shire fo Roebourne (2012)

GIS Databases:

- Cadastre
- RIWI Act, Groundwater Areas
- RIWI Act, Areas
- Town Planning Schemes

## 4. References

- Astron Environmental Services (2011) Part Lot 258 Karratha-Tom Price Road, Cooya Pooya, Shire of Roebourne. Vegetation and Flora Survey Report. DEC ref: A000467
- DEC (2007 - ) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 14/3/2012.
- DEC (2012) CPS4820/1 - Works approval for Transpacific Industries Group Ltd, W5145/2012/1. DEC ref: A532399
- DoW (2012) Clearing Permit CPS 4842/1 - Application to Clear Native Vgetation Under the Enviornmetnal Protection Act 1986. DEC ref: A477473
- 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) CPS 4842/1 - Decision on application for planning approval P2751; Lot 609 on Deposited Plan 66691. DEC ref: A533626

## 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)