



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number: 6019/1
Duration of Permit: From 17 May 2014 to 17 May 2019
Permit Holder: Hinckley Range Pty Ltd

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

PART I - CLEARING AUTHORISED

1. **Land on which clearing is to be done**
Miscellaneous Licence 69/19
2. **Purpose for which clearing may be done**
Clearing for the purposes of groundwater exploration.
3. **Area of Clearing**
The Permit Holder must not clear more than 25 hectares of native vegetation. All clearing must be within the area cross-hatched yellow on attached Plan 6019/1.
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.

PART II - MANAGEMENT CONDITIONS

5. **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*:
 - (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.
6. **Flora management**
 - (a) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *botanist* to conduct a *targeted flora survey* of that area for the presence of rare flora listed in the *Wildlife Conservation (Rare Flora) Notice* and *priority flora*.
 - (b) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall provide the results of the *targeted flora survey* in a report to the *CEO*.

- (c) If rare or *priority flora* are identified within the Permit Area, the *targeted flora survey* report must include the following:
 - (i) the location of each rare and *priority flora*, either as the location of individual plants, or where this is not practical, the areal extent of the population and an estimate of the number of plants, 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; and
 - (ii) the species name of each rare and *priority flora* identified; and
 - (iii) the methodology used to survey the Permit Area.
- (d) Where rare flora or *priority flora* are identified under Condition 6(a) of this Permit, the Permit Holder shall ensure that:
 - (i) no clearing of identified rare flora occurs and no clearing occurs within 50 metres of identified rare flora unless first approved by the *CEO*; and
 - (ii) no clearing of identified *priority flora* occurs and no clearing occurs within 10 metres of identified *priority flora*, unless first approved by the *CEO*.

7. Fauna management

- (a) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall engage a *fauna specialist* to conduct a *fauna survey* of that area to identify the following:
 - (i) *Macrotis lagotis* (Bilby) burrows;
 - (ii) *Dasyercus blythi* (Brush-tailed Mulgara) burrows;
 - (iii) *Dasyercus cristicauda* (Crest-tailed Mulgara) burrows; and
 - (iv) *Liopholis kintorei* (Great Desert Skink) burrows.
- (b) Prior to undertaking any clearing authorised under this Permit, the Permit Holder shall provide the results of the *fauna survey* in a report to the *CEO*.
- (c) The *fauna survey* report must include the following:
 - (i) the location of the burrows 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) the location of any fauna species, as listed in Condition 7(a) if identified, 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 species name of each fauna identified;
 - (iv) the methodology used to survey the Permit Area.
- (d) Where burrows are identified in relation to Condition 7(a) of this Permit, the Permit Holder shall ensure that no clearing occurs within 50 metres of the identified burrows, unless first approved by the *CEO*.

8. Fauna Management

Where *Dasyercus blythi* (Brush-tailed Mulgara) burrows or *Dasyercus cristicauda* (Crest-tailed Mulgara) burrows have been identified and their written location(s), provided to the *CEO*, within report *Level 1 Terrestrial Fauna Assessment of the Cobb Depression Borefield and Pipeline Route, May 2013*, the Permit Holder shall ensure that:

- (i) no clearing of identified *Dasyercus blythi* (Brush-tailed Mulgara) burrows or *Dasyercus cristicauda* (Crest-tailed Mulgara) burrows occurs unless first approved by the *CEO*; and;
- (ii) no clearing occurs within 50 metres of identified *Dasyercus blythi* (Brush-tailed Mulgara) burrows or *Dasyercus cristicauda* (Crest-tailed Mulgara) burrows unless first approved by the *CEO*.

PART III - RECORD KEEPING AND REPORTING

9. Records to be kept

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

In relation to the clearing of native vegetation authorised under this Permit,

- (i) 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;
- (ii) the date that the area was cleared;
- (iii) the size of the area cleared (in hectares); and
- (iv) purpose for which clearing was undertaken.

10. Reporting

- (a) The Permit Holder shall provide a report to the Director Operations, Environment, Department of Mines and Petroleum by 31 July each year for the life of this permit, demonstrating adherence to all conditions of this permit, and setting out the records required under Condition 9 of this permit in relation to clearing carried out between 1 July and 30 June of the previous financial year.
- (b) Prior to 17 May 2019, the Permit Holder must provide to the Director Operations, Environment, Department of Mines and Petroleum a written report of records required under Condition 9 of this Permit where these records have not already been provided under Condition 10(a) of this Permit.

DEFINITIONS

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

botanist means a person who holds a tertiary qualification in environmental science or equivalent, and has a minimum of 2 years work experience in identification and surveys of flora native to the bioregion being inspected or surveyed, or who is approved by the *CEO* as a suitable botanist for the bioregion;

CEO means the Chief Executive Officer of the Department of Environment and Conservation or an Officer with delegated authority under Section 20 of the *Environmental Protection Act 1986*;

fauna specialist means a person who holds a tertiary qualification specialising in environmental science or equivalent, and has a minimum of 2 years work experience in fauna identification and surveys of fauna native to the region being inspected or surveyed, or who is approved by the *CEO* as a suitable fauna specialist for the bioregion, and who holds a valid fauna licence issued under the *Wildlife Conservation Act 1950*;

fauna survey means a field-based investigation, including a review of established literature, of the biodiversity of fauna and/or fauna habitat of the Permit Area. Where conservation significant fauna are identified in the Permit Area, the survey should also include sufficient surrounding areas to place the Permit Area into local context;

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;

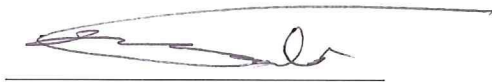
priority flora means those plant taxa described as priority flora classes 1, 2, 3, 4 or 5 in the *Department of Environment and Conservation's Threatened and Priority Flora List for Western Australia* (as amended);

targeted flora survey means a field-based investigation, including a review of established literature, of the biodiversity of flora and vegetation of the Permit Area, focusing on habitat suitable for flora species that are being targeted and carried out during the optimal time to identify those species. Where target flora are identified in the Permit Area, the survey should also include sufficient surrounding areas to place the Permit Area into local context;

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 Summary, regardless of ranking; or
- (c) not indigenous to the area concerned;

Wildlife Conservation (Rare Flora) Notice means those plant taxa gazetted as rare flora pursuant to section 23F(2) of the *Wildlife Conservation Act 1950* (as amended).



Steve Tantala
A/EXECUTIVE DIRECTOR
ENVIRONMENT
DEPARTMENT OF MINES AND PETROLEUM

Officer with delegated authority under Section 20
of the Environmental Protection Act 1986

24 April 2014