



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 7153/1
File Number: A1321/201601
Duration of Permit: From 22 October 2016 to 31 October 2021

PERMIT HOLDER

Peter Scott Connolly

LAND ON WHICH CLEARING IS TO BE DONE

Mining Lease 04/439

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 4.706 hectares of native vegetation within the area cross-hatched yellow on attached Plan 7153/1.

CONDITIONS

1. Erosion Management

The Permit Holder shall not clear native vegetation within the area cross-hatched yellow on attached Plan 7153/1 during the months of December, January, February and March for the life of this Permit.

2. 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.

3. 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 the Permit Area to identify the following
 - (i) *Macrotis lagotis* (Greater Bilby) 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 habitat 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 3(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
 - (v) a description of the fauna habitat identified.
- (d) Where fauna habitat is identified under Condition 3(a) of this Permit, the Permit Holder shall ensure that no clearing occurs within 50 metres of the identified fauna habitat, unless first approved by the *CEO*.

4. 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 the areas to be cleared for the presence of rare flora listed in the *Wildlife Conservation (Rare Flora) Notice* and *priority flora*.
- (b) Where rare or *priority flora* are identified under Condition 4(a) of this Permit, the Permit Holder shall engage a *botanist* to map the *critical habitat* of the identified rare or *priority flora* within the Permit Area.
- (c) 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*.
- (d) If rare or *priority flora* are identified within the areas to be cleared, the *targeted flora survey* report must include the following:
 - (i) the location of each rare or *priority flora*, either as the location of individual plants, or where this is not practical, the aerial 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;
 - (ii) the species name of each rare or *priority flora* identified;
 - (iii) the methodology used to survey the Permit Area and to establish the *critical habitat* of flora;
 - (iv) the extent of the *critical habitat* of the identified rare or *priority flora* shown on a map; and
 - (v) a site description of the *critical habitat* of rare or *priority flora* found.
- (e) Where rare or *priority flora* are identified under Condition 4(a) of this Permit, the Permit Holder shall ensure that:
 - (i) no clearing of *critical habitat* of the identified rare or *priority flora* occurs, unless first approved by the *CEO*; and
 - (i) no clearing of the identified rare or *priority flora* occurs, unless first approved by the *CEO*.

5. Records to be kept

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

6. 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 5 of this permit in relation to clearing carried out between 1 July and 30 June of the previous financial year.
- (b) Prior to 31 October 2021, the Permit Holder must provide to the Director Operations, Environment, Department of Mines and Petroleum a written report of records required under Condition 5 of this Permit where these records have not already been provided under Condition 6(a) of this Permit.

DEFINITIONS

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 Regulation or an officer with delegated authority under Section 20 of the *Environmental Protection Act 1986*;

critical habitat means any part of the Permit Area comprising of the habitat of flora or fauna species and its population, that is critical for the health and long term survival of the flora or fauna species and its population;

fauna specialist means a person who holds a tertiary qualification specializing 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, or 4 in the *Department of Parks and Wildlife'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;

weeds 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 Rankings 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).



Marnie Leybourne | Director Operations
Operations, Environment
29 September 2016

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