



GOVERNMENT OF  
WESTERN AUSTRALIA

## CLEARING PERMIT

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

### PERMIT DETAILS

Purpose Permit Number: 2424/1  
File Number: A0549/200801  
Duration of Permit: From 14 February 2009 to 31 July 2014

### PERMIT HOLDER

Western Areas NL

### LAND ON WHICH CLEARING IS TO BE DONE

General Purpose Lease 70/226  
General Purpose Lease 70/231  
Miscellaneous Licence 70/109  
Miscellaneous Licence 70/111  
Miscellaneous Licence 74/44

### PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing for the purpose of constructing a de-watering pipeline and evaporation pond.

### CONDITIONS

1. The Permit Holder must not clear more than 55 hectares of native vegetation. All clearing must be within the area cross-hatched yellow on attached Plan 2424/1A or shaded yellow on attached Plan 2424/1B

#### Avoid, minimise etc clearing

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

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

#### Weed control

3. 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.

#### Retain and spread vegetative material and topsoil

4. Where the Permit Holder clears an area for laying a de-watering pipeline, the Permit Holder shall retain the vegetative material and topsoil removed by clearing authorised under this Permit:

- (a) vegetative material and topsoil must be stockpiled in an area that has already been cleared; and
- (b) within 6 months of clearing authorised under this Permit, the Permit Holder shall lay the vegetative material and topsoil on the cleared area, except for a 4 metre wide access track adjacent to the de-watering pipeline.

## Offset

5. Where clearing occurs within the areas cross hatched red on attached Plan 2424/1A, the Permit Holder shall revegetate to provide ecological linkage between uncleared vegetation north of the application area to Jackson Nature Reserve, Reserve Number 34523, by;
  - (a) Respreading topsoil and vegetation removed from within the areas cross-hatched red and 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;
  - (b) Ensuring only local provenance seeds and propagating material sourced from within 30 kilometres of the area cleared are used to revegetate and rehabilitate the area;
  - (c) Revegetation to be maintained by controlling weeds and grazing by animals; and
  - (d) Within 18 months of undertaking revegetation and rehabilitation in accordance with condition 5(a) of this Permit, the Permit Holder must:
    - (i) 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 5(d)(i) of this Permit has not resulted in a similar species composition, structure and density to that of pre-clearing vegetation types in that area, the Permit Holder must undertake additional *planting or direct seeding* of native vegetation in accordance with the requirements of condition 5(b) of this Permit.

## Priority Flora

6. The Permit Holder shall not clear the flora species *Stenanthemum liberium*.

## Records to be kept

7. 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;
    - (iii) the date that the area was cleared; and
    - (iv) the size of the area cleared (in hectares).
  - (b) In relation to the revegetation of areas pursuant to Condition 5 of this Permit:
    - (i) the location of any areas rehabilitated, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings;
    - (ii) a description of the revegetation activities undertaken; and
    - (iii) the size of the area revegetated (in hectares).

## Reporting

8. The Permit Holder shall provide a report to the Director, Environment, Department of Mines and Petroleum by 31 July each year for the life of the permit, demonstrating adherence to all conditions of the Permit and setting out the records required under Condition 7 of this permit in relation to clearing carried out between 1 July and 30 June the previous financial year.
9. If the offset required under Condition 5 is implemented, the Permit Holder shall provide a report to the Director, Environment, Department of Mines and Petroleum demonstrating how the offset has been implemented.

## 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 is engaged by the Permit Holder for the purpose of providing environmental advice, 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.

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

*mulch* means the use of organic matter, woodchips or rocks to slow the movement of water across the soil surface and to reduce evaporation.

*weed* 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 *Agricultural and Related Resources Protection Act 1976*.

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



Kim Anderson  
A/DIRECTOR  
ENVIRONMENT DIVISION  
DEPARTMENT OF MINES AND PETROLEUM  
Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986

15 January 2009