



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Purpose Permit Number: 1554 / 2

File Number: A2266/200601

Duration of Permit: From 28 January 2007 to 28 January 2012

PERMIT HOLDER

Western Areas NL

LAND ON WHICH CLEARING IS TO BE DONE

Miscellaneous Licences 77/104, 77/141, 77/182, 74/25

Mining Leases 77/574, 74/58, 74/91

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing of up to 18.5 hectares of native vegetation within the area shaded pink on attached Plans 1554/2A, 1554/2B, 1554/2C and 1554/2D, for the purpose of pipeline construction.

CONDITIONS

1. The Permit Holder must not clear more than 18.5 hectares of native vegetation. All clearing must be within the area shaded pink on attached Plans 1554/2A, 1554/2B, 1554/2C and 1554/2D.

Guiding Principles

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:

- (i) avoid the clearing of native vegetation;
- (ii) minimise the amount of native vegetation to be cleared; and
- (iii) reduce the impact of clearing on any environmental value.

Weed Management

3. The Permit Holder shall ensure that all equipment and machinery used for the clearing of native vegetation and pipeline construction is free of weed-seed bearing material prior to mobilisation on site as well as during the construction of the pipeline within the area shaded pink on attached Plans 1554/2A, 1554/2B, 1554/2C and 1554/2D.
4. The Permit Holder shall, at three monthly intervals conduct an inspection along the pipeline route for any weed outbreaks.
5. The Permit Holder shall eradicate weed species found as a result of condition 4 or in the course of other pipeline inspections.

Vegetation Management

6. The Permit Holder shall mark with flagging tape all Salmon Gums (*Eucalyptus salmonophloia*) with a Diameter at Breast Height (DBH) equal to or greater than 40 centimetres that occur within the area shaded pink on attached Plans 1554/2A, 1554/2B, 1554/2C and 1554/2D.
7. The Permit Holder shall not, where possible, disturb the ground below the canopy of the Salmon Gums marked according to condition 6.

8. The Permit Holder shall not, where possible, clear the Salmon Gums marked according to condition 6.
9. The Permit Holder shall record the number of trees marked according to condition 6.
10. The Permit Holder shall record the number of trees marked according to condition 6 that were cleared as a result of the works carried out under this permit.

Surface Water Management

11. The Permit Holder shall construct check or diversion banks to remove run off water from the disturbed areas when the pipeline route does not run along the contour, where it follows slopes of less than 10% for extended lengths and at other *strategic locations*. The check banks should be located at intervals calculated at 300m/ (% slope gradient). Check banks must be constructed to have a minimum height of 0.2 m.
12. At strategic locations the permit holder shall construct check banks or diversion banks to divert stormwater at right angles to the plough line. The check or diversion bank shall be constructed to ensure that the diverted stormwater re-enters the drainage channel downstream from the disturbed areas.

Record Keeping

13. The Permit Holder shall record the following for each instance of clearing:
 - (i) the location of where the clearing occurred, expressed as grid coordinates using the Geocentric Datum of Australia 1994 coordinate system;
 - (ii) the size of the area cleared in hectares;
 - (iii) the dates on which the area was cleared;
 - (iv) the purpose of clearing;
 - (v) the method of clearing; and
 - (vi) the area rehabilitated in hectares.

Reporting

14. The Permit Holder shall provide a report to the Director, Environment Division, Department of Mines and Petroleum by the 30th of June each year setting out the records required under condition 9, 10 and 13 of this permit in relation to clearing carried out in the previous year.

DEFINITIONS

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

strategic locations means small gullies or drainage depressions that can carry stormwater flows intersecting the disturbed areas;

Diameter at Breast Height (DBH) means the diameter of a tree measured at 1.2 metres above the ground on the uphill side of the tree being measured.



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

19 February 2009