GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS
Area Permit Number: 2189/1
File Number: DEC5317
Duration of Permit: From 24 February 2008 to 24 February 2013

PERMIT HOLDER
Shire of Boddington

LAND ON WHICH CLEARING IS TO BE DONE

Harvey-Quindanning Road Reserve, Lower Hotham

PURPOSE FOR WHICH THE CLEARING MAY BE DONE

1. Clearing for the purposes of road construction or maintenance.

CONDITIONS

1. The Permit Holder must not clear more than 1 hectare of native vegetation, within the area shaded yellow on attached Plan 2189/1.

2. **Avoid, minimise etc clearing**
   In determining the amount of native vegetation to be cleared for the purpose of road construction and maintenance 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.

3. **Dieback and weed control**
   (a) When undertaking any clearing, or other activity pursuant to this Permit the Permit Holder must take the following steps to minimise the risk of introduction and spread of *dieback*:
      (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
      (ii) avoid the movement of soil in wet conditions;
      (iii) ensure that no *dieback*-affected, *mulches*, *fill* or other material is brought into an area that is not affected by *dieback*; and
      (iv) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

   (b) When undertaking any clearing, or other activity pursuant to 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 *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.

4. **Fauna Management**

   (a) Prior to clearing within the area described in Clearing Authorised above, the area shall be inspected by a *fauna specialist* who shall identify trees that contain hollows suitable to be utilised as habitat by fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2008*.

   (b) Prior to clearing, any habitat identified by condition 4(a) shall be inspected by a *fauna specialist* for the presence of fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2008*.

(c) Prior to clearing the Permit Holder shall ensure that any fauna identified in condition 4(b) shall be removed and relocated by a *fauna clearing person*, in accordance with a licence issued by the Department of Environment and Conservation.

5. Hollows

a) Following completion of the requirements of condition 4(c), and where hollows were identified under condition 4(a), the Permit Holder shall undertake the following:
   (i) Design and construct the same number of artificial nesting boxes suitable for use by fauna listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2008*,
   (ii) Identify surrogate trees and locations for nesting boxes suitable for use by species listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2008*; and
   (iii) install nesting boxes prior to 31 January 2009.

b) The Permit Holder must employ an *environmental specialist* to monitor the use of the nesting boxes established under condition 5(a) by species listed in the *Wildlife Conservation (Specially Protected Fauna) Notice 2008* at least once during each year, for a minimum of two years.

6. Records must be kept

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

(a) In relation to the clearing of native vegetation undertaken pursuant to the purpose of clearing:
   (i) the species composition, structure and density of the cleared area;
   (ii) the location where the clearing occurred, recorded using Geocentric Datum Australia 1994;
   (iii) the date that the area was cleared; and
   (iv) the size of the area cleared (in hectares).

(b) In relation to Fauna Management pursuant to condition 4:
   (i) the location of each habitat tree identified recorded using Geocentric Datum Australia 1994;
   (ii) the species of each habitat tree identified;
   (iii) the species of fauna reasonably likely to utilise, or that have been observed utilising the habitat trees;
   (iv) the species and number of each species relocated; and
   (v) the location and date where relocated fauna was released, using Geocentric Datum Australia 1994.

(c) In relation to the establishment of nesting hollows required under condition 5:
   (i) the location of trees cleared under this permit which contain hollows, recorded using Geocentric Datum Australia 1994;
   (ii) the location of trees containing nesting boxes recorded using Geocentric Datum Australia 1994;
   (iii) the species of tree, height of nesting habitat (in metres) and type of nesting habitat for each tree at each location;
   (iv) the dates that the activities were undertaken; and
   (v) the persons who undertook the activities.

(d) In relation to monitoring of additional nesting habitat required under condition 5(b):
   (i) the species, location, date and time of recorded fauna activity associated with nesting habitat established under condition 5(a); and
   (ii) the persons who undertook the monitoring.

7. Reporting

The Permit Holder must provide to the CEO, on or before 30 August of each year, a written report of records required under condition 6 and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.

DEFINITIONS

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

condition means the rating given to native vegetation using the *Keighery scale* and refers to the degree of change in the structure, density and species present in the particular vegetation in comparison to undisturbed vegetation of the same type;

dieback means the effect of *Phytophthora* species on native vegetation;

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;

fauna clearing person means a person who has obtained a licence from the Department of Conservation and Land Management, issued pursuant to the *Wildlife Conservation Regulations* 1970 (as amended) authorising them to take fauna in order to carry out the approved clearing associated with this permit;

fauna specialist means a person with training and specific work experience in fauna identification or faunal assemblage surveys of Western Australian fauna;

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;

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.

Dr Ken Atkins
A/Director
Nature Conservation Division
Department of Environment and Conservation
Officer delegated under Section 20
of the Environmental Protection Act 1986

24 January 2008