



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose permit number:	CPS 853/2
Permit holder:	Shire of Williams
Purpose of clearing:	Road upgrades
Shire:	Williams
Duration of permit:	7 October 2006 – 7 October 2012

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The permit holder is authorised to clear native vegetation for the above stated purposes, subject to the conditions of this Permit.

PART I – CLEARING AUTHORISED

1. Land on which clearing is to be done

- (a) Quindanning Darkan Road Reserve from Coolakin Road to Williams Collie Road (2.5 ha)
- (b) Quindanning Darkan Road Reserve from Don Road to Planks Road (2.35 ha)
- (c) Lot 1227 on Plan 104425 (Wellington Location 1227) (0.12 ha)
- (d) Lot 2210 on Plan 126866 (Wellington Location 2210) (0.12 ha)
- (e) Lot 1246 on Plan 104428 (Wellington Location 1246) (0.26 ha)
- (f) Lot 204 on Plan 23869 (0.23 ha)
- (g) Lot 2226 on Plan 108238 (Wellington Location 2226) (0.07 ha)
- (h) Williams Collie Road Reserve from Quindanning Darkan Road to Pinjarra Williams Road (1.9 ha)
- (i) Narrakine Road Reserve from Albany Highway to the intersection of Denkers Road (1 ha)
- (j) Denkers Road Reserve from Narrakine Road to Zilkos Road (0.25 ha)
- (k) Marradong Road Reserve from Albany Highway to South Crossman Road (0.3 ha)
- (l) Lot 3318 on Plan 252623 (Williams Location 3318) (0.4 ha)
- (m) Lot 741 on Plan 302057 (0.8 ha)

2. Area of clearing

Clearing of up to 9.1 hectares of native vegetation.

3. Clearing not authorised

The Permit Holder shall not clear any native vegetation within the areas shaded red on attached Plans CPS 853/2a, CPS 853/2b, and CPS 853/2c.

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.

5. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1 and 2 of this Permit, the permit holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES

6. Avoid, minimise etc clearing

- (a) In determining the amount of native vegetation to be cleared for the purposes of road upgrades 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.

7. Dieback and weed control

- (a) When undertaking any *clearing, revegetation* and *rehabilitation*, 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 *road building materials, mulches* or *fill* are 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, revegetation* and *rehabilitation*, 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 *road building materials, 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.

- (c) At least once in each 12 month period for the *term* of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas *cleared, revegetated* and *rehabilitated* under this Permit.

8. Revegetation and rehabilitation

- (a) The Permit Holder shall take the following measures to revegetate an equivalent area to the area cleared under condition 1a of this permit.
- (i) Deliberately plant and/or seed *native vegetation* that will result in a similar species composition, structure and density of *native vegetation* to pre-clearing vegetation types in that area to an average planting density of 3500 plants per hectare;
 - (ii) Ensure only local provenance seeds and propagating material from within 30km of the area cleared are used to revegetate the area;
 - (iii) Sow the areas with an average seeding density of 2.5 kilogram per hectare, ensuring that the seed is distributed evenly across the area;
 - (iv) Planting and seeding activities shall be undertaken prior to December 2010.
- (b) Within one year of undertaking revegetation in accordance with condition 8(a), the Permit Holder must:
- (i) Determine the species composition, structure and density of the area revegetated in accordance with condition 8(a); and
 - (ii) Where, in the opinion of an *environmental specialist*, the composition structure and density determined under condition 8(a)(i) will not result in a similar species composition, structure and density to pre-clearing vegetation types in that area the Permit Holder must undertake additional planting or seeding of *native vegetation* in accordance with the requirements of condition 8(a)(i), (ii) and (iii).
- (c) The Permit Holder shall take the following measures to replant *Eucalyptus rudis* species cleared under condition 1 of this permit.
- (i) For every individual *Eucalyptus rudis* removed a minimum of 20 *Eucalyptus rudis* seedlings shall be planted along the same *watercourse* within the *local area*.

9. Fauna management

- (a) Prior to clearing within the areas described in condition 1, the areas 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 2005*, including, but not limited to:
- (i) *Red-tailed Phascogale (Phascogale calura)*;
 - (ii) *Southern Brush-tailed Phascogale (Phascogale tapoatafa)*;
 - (iii) *Western Rosella (inland spp) (Platycercus icterotis)*;
 - (iv) *White Tailed Black Cockatoo (Calyptorhynchus latirostris)*;
 - (v) *Forest Red-tailed Black-Cockatoo (Calyptorhynchus banksii naso)*
- (b) The Permit Holder shall ensure that any fauna identified in condition 9(a) shall only be removed and relocated by a *fauna clearing person*, in accordance with a licence issued by the Department of Environment and Conservation.

PART V – RECORD KEEPING AND REPORTING

10. 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 conditions 1 and 2:
 - (i) the location where the clearing occurred, recorded using Geocentric Datum Australia 1994;
 - (ii) the date that the area was cleared; and
 - (iii) the size of the area cleared (in hectares).

- (b) In relation to the *revegetation and rehabilitation* of areas:
 - (i) the location of any area *revegetated* and *rehabilitated* in accordance with condition 8 recorded using Geocentric Datum Australia 1994;
 - (ii) a description of the *revegetation* and *rehabilitation* activities undertaken pursuant to condition 8; and
 - (iii) the size of the area *revegetated* and *rehabilitated* (in hectares) pursuant to condition 8.

- (c) In relation to fauna management:
 - (i) the location of each tree in accordance with condition 9(a) recorded using Geocentric Datum Australia 1994;
 - (ii) the species of each tree identified in condition 9(a);
 - (iii) the distance from the centre of road to the base of the tree identified in condition 9(a) and to be removed;
 - (iv) the species of fauna reasonably likely to utilise, or that have been observed utilising the trees as habitat;
 - (v) the species and number of each species relocated; and
 - (vi) the location and date where relocated fauna was released, using Geocentric Datum Australia 1994.

11. Reporting

- (a) The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 10 and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.

- (b) Before the expiry of the permit, the permit holder must provide to the CEO a written report of records required under condition 10 where these records have not already been provided under condition 11(a).

12. Definitions

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

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

EP Act means the *Environmental Protection Act 1986*;

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

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;

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;

rehabilitation means actively managing an area containing native vegetation in order to improve the ecological function of that area;

revegetation means the re-establishment of a cover of *native vegetation* in an area such that the species composition, structure and density is similar to *pre-clearing* vegetation types in that area, and can involve regeneration, direct seeding and/or planting;

road building materials means rock, gravel, soil, stone, timber, boulders and water;

term means the duration of this Permit, including as amended or renewed;

watercourse has the same meaning as it has in the *Rights in Water and Irrigation Act 1914*;

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.



Keith Claymore
A/ DIRECTOR
NATURE CONSERVATION DIVISION

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

24 July 2008