



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Permit number: CPS 474/1
Permit holder: Shire of Lake Grace
Purpose of clearing: Road intersections upgrades and gravel extraction
Location: Lake Grace
Clearing period: 22 October 2006 – 22 October 2011

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Permit holder: Shire of Lake Grace
Purpose of clearing: Road intersections upgrades and gravel extraction
Shire: Lake Grace
Duration of permit: 22 October 2006 – 22 October 2011

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) Up to 1.5 ha for gravel extraction as hatched yellow on attached Plan 474/1a
- (b) Up to 5.6 ha for gravel extraction as hatched yellow on attached Plan 474/1b
- (c) Up to 7.84 ha for gravel extraction as hatched yellow on attached Plan 474/1c
- (d) Up to 2.0 ha for road intersection upgrades as hatched yellow on attached Plan 474/1d
- (e) Up to 2.6 ha for gravel extraction as hatched yellow on attached Plan 474/1e
- (f) Up to 4.5 ha for gravel extraction as hatched yellow on attached Plan 474/1f
- (g) Up to 2.0 ha for gravel extraction as hatched yellow on attached Plan 474/1g
- (h) Up to 2.2 ha for gravel extraction as hatched yellow on attached Plan 474/1h
- (i) Up to 0.45 ha for gravel extraction as hatched yellow on attached Plan 474/1i
- (j) Up to 2.0 ha for road intersection upgrades as hatched yellow on attached Plan 474/1j
- (k) Up to 0.9 ha for road intersection upgrades as hatched yellow on attached Plan 474/1k

2. 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.

3. Compliance with Assessment Sequence and Management Procedures

Prior to clearing any native vegetation under conditions 1 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

4. Avoid, minimise etc clearing

- (a) In determining the amount of native vegetation to be cleared for the purposes of gravel extraction and road intersection 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.

5. Weed control

- (a) When undertaking any *clearing* and *revegetation*, 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.
- (b) 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* and *revegetated* under this Permit.

6. Flora Management

- (a) Prior to undertaking clearing within Plan 474/1a as described in condition 1, the areas shall be inspected by a *flora specialist* who shall survey for the following *Priority flora taxa*: *Grevillea aneura* (P4) and *Thysanotus glaucus* (P4).
- (b) Where *Priority Flora* are identified in relation to condition 6(a) the Permit Holder shall ensure that:
- (i) All records these priority flora are submitted to the Department of Environment and Conservation, Species and Communities Branch;
 - (ii) No clearing occurs with 10m of identified priority flora, unless approved by the *CEO*.

7. Revegetation

The Permit Holder must revegetate all areas cleared for the purpose of gravel extraction in accordance with the following:

- (a) The Permit Holder shall retain the vegetative material and topsoil removed by clearing in accordance with this Permit.
- (b) Within one month of the area no longer being required for the purpose of gravel extraction the permit holder must revegetate the area by:
- (i) Deep ripping the soil to a depth to 1 m;
 - (ii) Laying vegetative material and topsoil retained in accordance with condition 7(a) on the area;
 - (iii) Deliberately planting and/or 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; and
 - (iv) Ensuring only local provenance seeds and propagating material from within 10km of the area cleared are used to revegetate the area.
- (c) Within one year of undertaking revegetation in accordance with condition 7(b), the Permit Holder must:
- (i) Determine the species composition, structure and density of the area revegetated in accordance with condition 7(b); and
 - (ii) Where, in the opinion of a *flora specialist*, the composition structure and density determined under condition 7(c)(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 7(b).

8. Offsets

- (a) The Permit Holder shall undertake take the following measures by 30 October 2007 for the areas previously cleared before 22 September 2006 for gravel extraction within areas hatched yellow as described in condition 1 on Plans 474 1a, 474 1b, 474 1c, 474 1e, 474 1f, 474 1g, 474 1h and 474 1i:
- (i) Remove all rubbish and artificial debris;
 - (ii) Deep rip the soil to a depth 1m;
 - (iii) Spread overburden to an even depth;
 - (iv) Lay the vegetative material and topsoil containing seed to an even depth on exposed overburden and soil;
 - (v) 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; and
 - (vi) Ensure only local provenance seeds and propagating material from within 10km of the area cleared are used to revegetate the area.
- (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 a *flora specialist*, the composition structure and density determined under condition 8(a)(v) 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).

PART III – RECORD KEEPING AND REPORTING

9. 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 and revegetation of native vegetation undertaken pursuant to this permit:
- (i) The species composition, structure and density of the cleared or revegetated area;
 - (ii) The location where the clearing or revegetation occurred, recorded using Geocentric Datum Australia 1994;
 - (iii) The date that the area was cleared or revegetated; and
 - (iv) The size of the area cleared or revegetated (in hectares).
- (b) In relation to Flora Management pursuant to condition 6:
- (i) The location of each Priority Flora recorded using Geocentric Datum Australia 1994; and
 - (ii) The species of each Priority Flora identified.
- (c) In relation to the offsets of areas pursuant to condition 8:
- (i) The location of any area of offsets recorded using Geocentric Datum Australia 1994;
 - (ii) A description of the offset activities undertaken; and
 - (iii) The size of the offset area (in hectares).

10. Reporting

The Permit Holder must provide to the *CEO*, on or before 30 June of each year, a written report of records requested under condition 9 and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.

11. Definitions

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

CEO means the Chief Executive Officer of the Department of Environment and Conservation;

clearing has the meaning given to it in section 51A of the *Environmental Protection Act 1986*;

EP Act means the *Environmental Protection Act 1986*;

EPA means the *Environmental Protection Authority*;

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

flora specialist means a person with specific training and/or experience in the ecology and taxonomy of Western Australian flora.

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;

native vegetation has the meaning given to it in sections 3 and 51A of the *Environmental Protection Act 1986*;

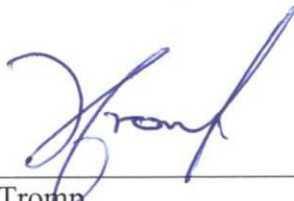
Priority flora taxa means those plant taxa that described as priority flora classes 1, 2, 3 or 4 in the *Declared Rare and Priority Flora List for Western Australia*, Department of Conservation and Land Management, as amended.

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;

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*.



Fred Tromp

Director, Natural Resource Management, Department of Environment and Conservation.
Officer delegated under Section 20 of the *Environmental Protection Act 1986*

22 September 2006