



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose permit number:	CPS 723/1
Permit holder:	Cockburn Cement Limited
Purpose of clearing:	Extractive Industry and Road Upgrades
Shire:	Shire of Gingin
Duration of permit:	22 December 2007 – 22 December 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

Mining Lease M70/697
Old Ledge Point Road Reserve

2. Area of Clearing

The Permit holder must not clear more than five hectares of native vegetation within the area cross-hatched yellow on attached Plan 723/1.

3. 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.

4. 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

5. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared for the purposes of extractive industry and road upgrades 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.

6. 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* or *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.

7. Revegetation

The Permit Holder must *revegetate* all areas cleared for the purpose of extractive industry in accordance with the following:

- (a) The Permit holder shall retain the topsoil from areas cleared under this Permit;
- (b) Within six months of any area no longer being required for the purpose of extractive industry the permit holder must *revegetate* the area by laying topsoil retained in accordance with condition 7(a);
- (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;
 - (ii) Where, in the opinion of an *environmental 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 planting or seeding of native vegetation;
 - (iii) Propagative material must be sourced from within 10 km of the area to be revegetated.

PART III – RECORD KEEPING AND REPORTING

8. 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 location where the clearing occurred, recorded using Geocentric Datum Australia 1994;
 - (ii) The date that the area was cleared;
 - (iii) The size of the area cleared (in hectares); and
 - (iv) The species, structure and composition of the native vegetation cleared.
- (b) In relation to the *revegetation* of areas pursuant to condition 7:
 - (i) The location of any area *revegetated* recorded using Geocentric Datum Australia 1994;
 - (ii) A description of the *revegetation* activities undertaken; and
 - (iii) The size of the area *revegetated* (in hectares); and

(iv) The species, structure and composition of *revegetation* measured.

9. Reporting

The Permit holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 8 and activities done by the Permit holder under this Permit between 1 January and 31 December of the preceding year.

10. Definitions

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

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

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

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;

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;

revegetate, revegetated and 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;

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.



Keith Claymore
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Nature Conservation Division
Department of Environment and Conservation
Officer delegated under Section 20
of the Environmental Protection Act 1986

22 November 2007