



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose permit number:	CPS 2710/2
Permit holder:	Electricity Generation Corporation T/A Verve Energy
Duration of permit:	20 December 2008 – 20 December 2013

The permit holder is authorised to clear native vegetation subject to the following conditions of this Permit.

PART I – CLEARING AUTHORISED

- 1. Purpose for which clearing may be done**
Clearing for the purpose of installation of a saline booster pump station.
- 2. Land on which clearing is to be done**
Lot 6199 on Deposited Plan 33283, Wellington National Park
- 3. Area of Clearing**
The permit holder must not clear more than 0.23 hectares of native vegetation within the area shaded yellow on attached Plan 2710/2.
- 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. Type of clearing authorised**
This Permit authorises the permit holder to clear native vegetation for activities to the extent that the permit holder has the power to clear native vegetation for those activities under the *Energy Operators (Powers) Act 1979* or any other written law.
- 6. Compliance with Assessment Sequence and Management Procedures**
Prior to clearing any native vegetation under conditions 1, 2 and 3 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

7. Dieback and weed control

- (a) When undertaking any clearing or other activity authorised under this Permit, the Permit Holder must take the following steps to minimise the risk of the introduction and spread of *weeds* and *dieback*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
 - (ii) shall not move soils in wet conditions;
 - (iii) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
 - (iv) 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 under this Permit.

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;

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;

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

weed/s 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 *Agriculture and Related Resources Protection Act 1976*.

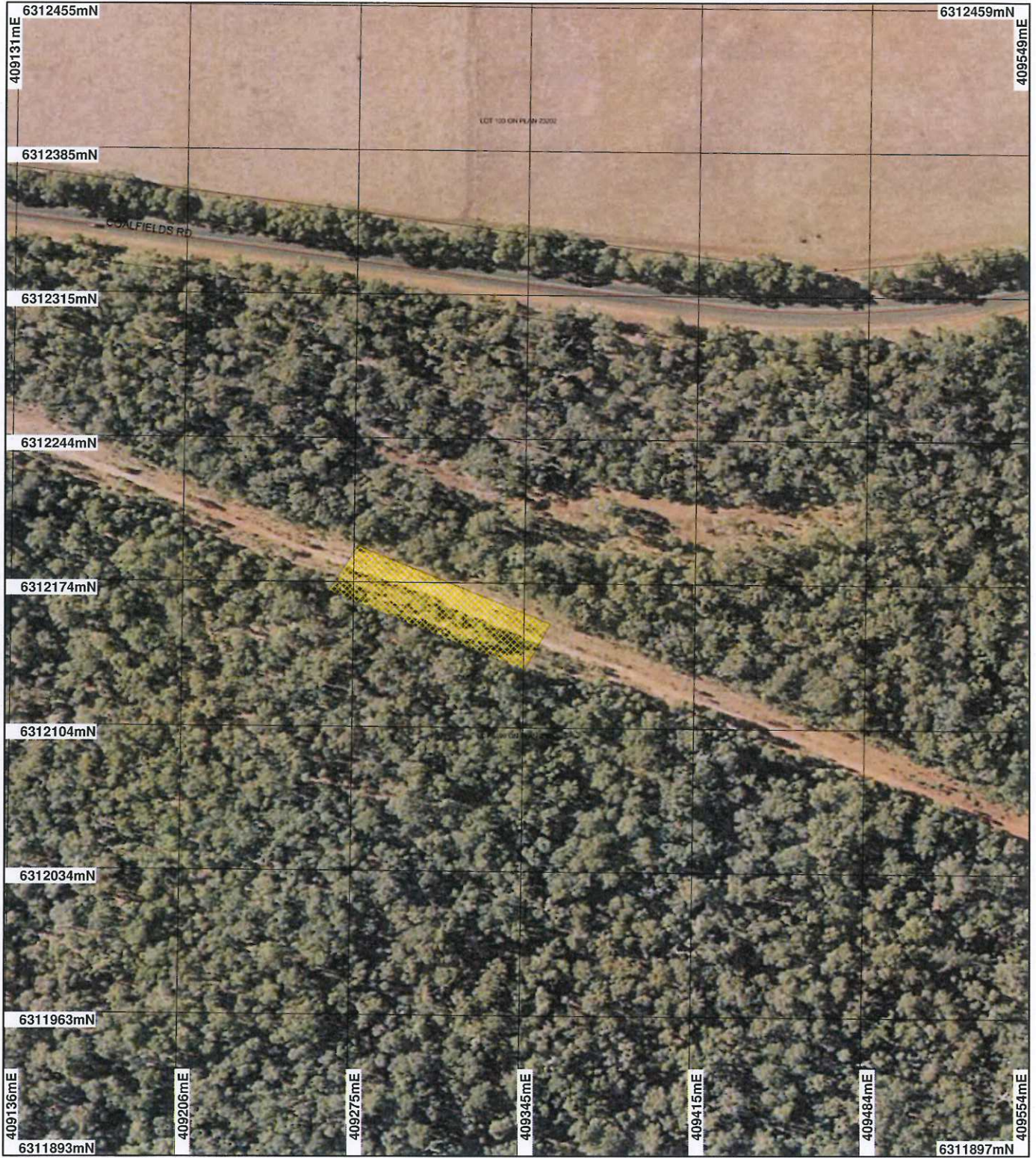


M Warnock
A/ MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

28 July 2011

Plan 2710/2



LEGEND

- Cadastre
- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear

Collie 50cm Orthomosaic - Landgate 2006



0 -62 m

Scale 1:2472

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warnock Date 28/7/11

M Warnock

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986

Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 2710/2
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: Electricity Generation Corporation TA Verve Energy

1.3. Property details

Property: LOT 6199 ON PLAN 33283 (WORSLEY 6225)
Local Government Area: Shire of Collie
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.23		Mechanical Removal	Building or Structure

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 25 July 2011

2. Site Information

2.1. Existing environment and information

2.1.1. Description of the native vegetation under application

Vegetation Description	Clearing Description	Vegetation Condition	Comment
Beard Vegetation Association 3: Medium forest; jarrah-marri. (Shepherd, 2009)	The application is for the clearing of 0.23ha of native vegetation for the construction of a saline booster pump.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The vegetation condition was determined from aerial imagery.
Mattiske Vegetation Complex Dwellingup: Open forest of Eucalyptus marginata subsp. marginata-Corymbia calophylla on lateritic uplands in mainly humid and subhumid zones. (Mattiske Consulting, 1998)			

3. Assessment of application against clearing principles

Comments

Application received to amend Clearing Permit CPS 2710/1, removing the access track (reducing the proposed clearing to 0.23 ha) and removing the offset condition from the application.

This amendment removes the native vegetation in 'very good' (Keighery, 1994) condition from the application area. Therefore the area under application is reduced to 0.23 hectares of native vegetation in 'completely degraded' (Keighery, 1994) condition, given this an offset condition is now not required.

The proposed clearing occurs within the Wellington National Park and within a CAWS Zone C area. The proponent intends to use existing credits with DoW to offset an equivalent area.

Therefore the proposal is at variance to principles (g) and (h) and is not likely to be at variance to the remaining clearing principles. Given that the proponent is using existing credits with DoW to offset the proposed clearing, the offset condition can be removed from the permit, however the dieback and weed control condition remains, as the proposed clearing is within Wellington National Park.

Methodology

References:

- Keighery (1994)
- GIS database:
 - SAC Biodatasets (accessed 8 June 2011)
 - Pre European Vegetation (DA 2001)
 - Hydrography linear - DOW 13/7/06
 - Soils, Statewide DA 11/99
 - Country Area Water Supply Act (Part IIA) Clearing Control Catchments 29/06/2006
 - Mattiske Vegetation - CALM 1/03/1998
 - DEC Tenure (DEC 2010)

Planning instrument, Native Title, Previous EPA decision or other matter.

Comments

The land on which the application lies is part of Wellington National Park. Verve Energy is accessing this land using the Energy Operators (Powers) Act 1979.

The application is within CAWS Zone C. DoW advise that Verve Energy has access to clearing credits which can be used in order to offset the clearing under assessment (DoW, 2008). The proponent has advised that they wish to use the existing credits to offset the clearing in the CAWS Zone C.

Methodology

References:

DoW (2008)

GIS database:

- Cadastre - Landgate Dec 07

- Country Area Water Supply Act (Part IIA) Clearing Control Catchments 29/06/2006

4. References

DoW (2008) CAWS Advice. Department of Water. Trim Ref DOC68315.

Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.

Mattiske, E.M. and Havel, J.J. (1998) Vegetation Complexes of the South-west Forest Region of Western Australia. Maps and report prepared as part of the Regional Forest Agreement, Western Australia for the Department of Conservation and Land Management and Environment Australia.

Shepherd, D.P. (2009) Adapted from: Shepherd, D.P., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.

5. Glossary

Term	Meaning
BCS	Biodiversity Coordination Section of DEC
CALM	Department of Conservation and Land Management (now BCS)
DAFWA	Department of Agriculture and Food
DEC	Department of Environment and Conservation
DEP	Department of Environmental Protection (now DEC)
DoE	Department of Environment
DoIR	Department of Industry and Resources
DRF	Declared Rare Flora
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)