



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3069 / 1
File Number: DEC487
Duration of Permit: From 23 May 2009 to 23 May 2011

PERMIT HOLDER

Michael John Cheney
Brian Richard Mark Moore

LAND ON WHICH CLEARING IS TO BE DONE

LOT 312 ON PLAN 103660 (Lot No. 312 PERICLES EAST AUGUSTA 6290)

AUTHORISED ACTIVITY

Clearing of up to 0.07 hectares of native vegetation within the area hatched yellow on attached Plan 3069/1.

CONDITIONS

Dieback and weed control

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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) shall not move soils in wet conditions;
- (c) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (d) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

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;

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 *Agricultural and Related Resources Protection Act 1976*.

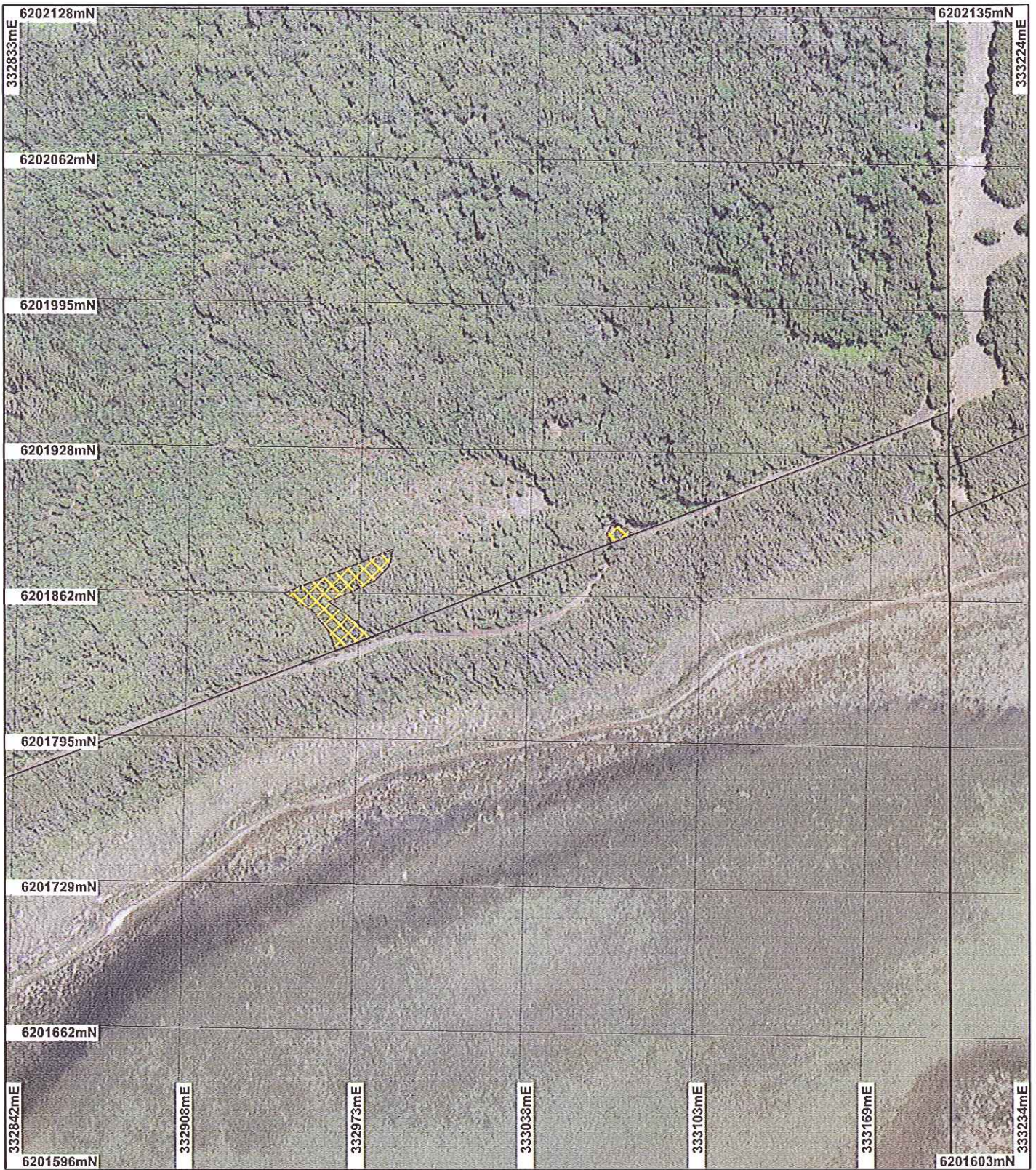


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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



23 April 2009

Plan 3069/1



LEGEND

Clearing Instruments

-  Areas Approved to Clear
 -  Cadastre
- Augusta Townsite 20cm
Orthomosaic - Landgate
2004



Scale 1:2333

(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.


K Faulkner Date 23/4/09

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

WA Crown Copyright 2002



1. Application details

1.1. Permit application details

Permit application No.: 3069/1
 Permit type: Area Permit

1.2. Proponent details

Proponent's name: Micheal John Cheney

1.3. Property details

Property: LOT 312 ON PLAN 103660 (Lot No. 312 PERICLES EAST AUGUSTA 6290)
 Local Government Area: Shire Of Augusta-Margaret River
 Colloquial name:

1.4. Application

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

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 125: Bare areas; salt lakes	The proposed clearing is situated on an area of limestone covered by shallow sandy loam topsoil with stunted coastal type vegetation (Matei, 2006).	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	Vegetation condition was determined from Orthomosaic photography and photographs supplied by Matei (2006).
Beard Vegetation Association 1108: Shrublands; Acacia decipiens	There is evidence of salt deposition from southerly winds within the area under application (Matei, 2006).		
Mattiske Vegetation Complex - D'Entrecasteaux (Dr): Tall shrubland of Agonis flexuosa and closed heath of Olearia axillaris-Spyridium globulosum on coastal low dunes in the perhumid zone..	Aerial photography and photographs supplied by Matei (2006) suggest that the condition of the vegetation proposed to be cleared varies between very good to excellent.		

3. Assessment of application against clearing principles

Comments

The proposed clearing of 0.07 hectares of native vegetation is for the purpose of establishing a building envelope, access way and fire breaks. The vegetation is considered to be in a very good to excellent (Keighery, 1994) condition. The local area is well vegetated with approximately 70% of vegetation remaining in the local area (10km radius).

The vegetation under application does have potential habitat for *Pseudocheirus occidentalis* (Western ring-tailed possum) and *Isodon obesulus fusciventer* (Quenda). There is approximately 70% of vegetation surrounding the application area. Due to the condition of the vegetation weed and dieback conditions will be add to the permit to protect the values of the surrounding vegetation.

There have been 7 recorded occurrences of rare flora within the local area (10km radius). *Kennedia macrophylla* and *Grevillea brachystylis* are the closest recorded rare flora species (2.2km & 3.6km from the application area respectively) are known to occur on similar conditions to the application area (Brown et al. 1998). *Caladenia abbreviata* (P2) may occur in the application area. Due to the amount of surrounding vegetation in a similar or better condition, the applied area is unlikely to represent significant habitat for rare flora.

The application area is within a buffer to a wetland (Hardy Inlet) and the flora report found wetland species within the area. Clearing of the native vegetation as proposed is unlikely to compromise the values of the Hardy

Inlet.

Given the low topographical relief, low groundwater salinity level (<500mg/L TDS) and the size of the application area (0.07ha), land degradation and flooding are not likely to be an issue through clearing.

Methodology Brown et al. (1998)
Commonwealth (2001)
DAFWA (2006)
Keighery (1994)
Mattiske (1998)
Shepherd et al. (2007)

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

Comments

Planning approval was approved in 2006. A new approval is now required from the Shire as works were not completed within the designated timeframes. This is also the case for a previously granted clearing permit (CPS 1523/1).

Methodology

4. Assessor's comments

Comment

The application has been assessed against the clearing principles, planning instruments and other matter in accordance with s510 of the Environmental Protection Act 1986 has found:
- All principles are not likely to be at variance.

5. References

- Brown A., Thomson-Dans C. and Marchant N.(1998). Western Australia's Threatened Flora, Department of Conservation and Land Management, Western Australia.
- Commonwealth of Australia (2001) National Targets and Objectives for Biodiversity Conservation 2001-2005, AGPS, Canberra.
- DAFWA (2006) Land degradation assessment report. Office of the Commissioner of Soil and Land Conservation, Department of Agriculture and Food Western Australia. DoE TRIM ref DOC7628.
- DEC (2007) DEC Fauna Habitat Notes.xls. February 2007. Department of Environment and Conservation, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Matei, A. (2006). Native Flora Report. TRIM ref DOC8000
- 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. (2007). 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.

6. 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)