



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3580/2

File Number: DEC13831

Duration of Permit: From 26 March 2010 to 26 March 2012

PERMIT HOLDER

Shire of Augusta Margaret River

LAND ON WHICH CLEARING IS TO BE DONE

LOT 4862 ON DEPOSITED PLAN 91785

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.11 hectares of native vegetation within the area hatched yellow on attached Plan 3580/2.

CONDITIONS

1. 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 only move soils in *dry 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;

dry conditions means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

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; and

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*.

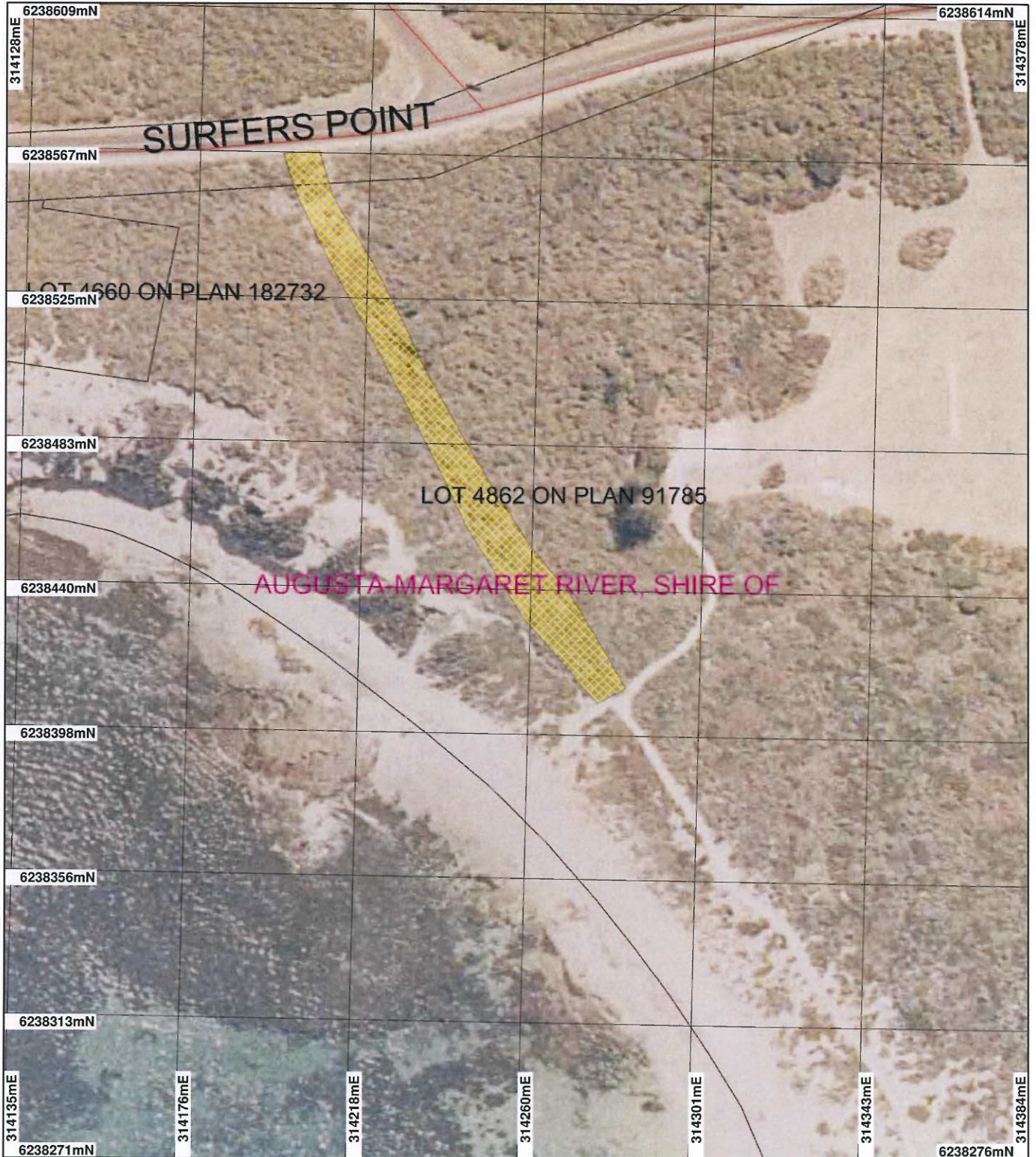


Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

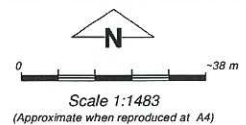
23 September 2010

Plan 3580/2



LEGEND

- | | |
|------------------------------|--|
| Road Centrelines | Clearing Instruments |
| Cadastre | Areas Approved to Clear |
| Local Government Authorities | Busselton 50cm Orthomosaic - Landgate 2007 |



Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

Date 23/9/10
 K. Faulkner

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.



1. Application details

1.1. Permit application details

Permit application No.: 3580/2
Permit type: Area Permit

1.2. Proponent details

Proponent's name: Shire of Augusta Margaret River

1.3. Property details

Property: LOT 4862 ON PLAN 91785 (PREVELLY 6285)
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:
0.11		Mechanical Removal	Miscellaneous

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 Unit: Transition zone between 129: Bare areas; drift sand; and 1108: Shrublands; Acacia decipiens (Shepherd, 2009)	The proposal is to clear up to 0.11 hectares of native vegetation for the purpose of establishing a connecting pathway between Surfers Point Road and the existing Gnarabup Pathway. The vegetation is likely to be in good to very good (Keighery, 1994) condition with the northern and southern extents being in good (Keighery, 1994) condition as a result of edge effects.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery, 1994) To Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery, 1994)	Vegetation condition was determined from aerial photography.

3. Assessment of application against clearing principles

Comments

The proponent has applied to amend current clearing permit CPS 3580/1 by realigning the proposed pathway between Surfers Point Road and the existing Gnarabup pathway and increasing the area to be cleared to 0.11 hectares.

The vegetation under application is likely to be in good to very good (Keighery, 1994) condition with approximately 85% native vegetation cover in the local area (10km radius).

There are eight known records of the rare flora *Caladenia excelsa* within the local area, with the closest occurrence mapped 2.9km southeast of the vegetation under application. This species is known to occur among dense low shrubs in Banksia (*Banksia* sp., Jarrah (*Eucalyptus marginata*) and Marri (*Corymbia calophylla*) woodlands (Hopper & Brown, 2001). The applied area is mapped as transitional area between bare soils, drift sands and Acacia shrubland (Shepherd, 2009). It is therefore unlikely that this rare flora occurs within the applied area.

As the proposed clearing is small (0.11ha) and the vegetation representation of the surrounding area is high, it is unlikely the vegetation under application is significant fauna habitat.

The vegetation under application is within the Leeuwin Naturalist Ridge Register of National Estate. Weed and dieback management conditions can be imposed to minimise any impacts the proposed clearing may have on this conservation area.

Due to the small scale (0.11ha) and linearity of the proposed clearing and the high proportion of vegetation remaining in the surrounding area it is unlikely that this proposal will result in water quality or land degradation impacts.

Given the above the proposal may be at variance to principle (h) and is not likely to be at variance to the remaining clearing principles.

Methodology References:

- Hopper and Brown, 2001
 Keighery, 1994
 Shepherd, 2009
 GIS Databases:
 - Acid Sulfate Soils Risk Map - DEC 02/07/10
 - ANCA, Wetlands - 26/03/99
 - Busselton 50cm Orthomosaic - Landgate 2007
 - DEC Managed Lands & Waters - DEC 28/10/09
 - Evapotranspiration, Area Actual - BOM 30/09/01
 - Groundwater Salinity, statewide - DoW 13/07/06
 - Hydrogeographic Catchments, Catchments - DoW 01/06/07
 - Hydrogeology, statewide - DoW 13/07/06
 - Hydrography, linear DoW 13/7/06
 - Rainfall, Mean Annual - BOM 30/09/01
 - Pre-European vegetation - DA 01/01
 - RAMSAR, Wetlands - 15/10/09
 - SAC Biodatasets - 26/18/10
 - Soils, Statewide - 30/11/99
 - Topographic Contours, Statewide - DOLA 12/09/02

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

The land on which clearing is proposed is vested with the Shire of Augusta Margaret River for the purpose of Parks and Recreation. The proposed clearing is consistent with this land use.

One Aboriginal Site of Significance, Walcliffe House, exists within the extreme north of the application area. The proponent has been advised of obligations in relation to the *Aboriginal Heritage Act 1972*.

The applied area is within the Blackwood Groundwater Area proclaimed under the *Rights in Water and Irrigation Act 1914*. Advice from the Department of Water has been requested (DEC Ref: A328669).

The applicant requested the 28 day notification period be waived by email dated 20 September 2010 (DEC Ref: A334088).

No public submissions have been received.

Methodology

- GIS Databases:
 - Aboriginal Sites of Significance - DIA 02/10
 - Cadastre - Landgate 12/09
 - Country Area Water Supply Act (Part IIA) Clearing Control Catchments - DoW 29/06/06
 - Environmental Impact Assessments - EPA 08/03/05
 - Native Title Claims - LA 2/5/07
 - Public Drinking Water Source Areas (PDWSAs) - 07/02/06
 - RIWI Act, Areas - DoW 05/04/02
 - RIWI Act, Groundwater Areas - DoW 13/07/06
 - RIWI Act, Irrigation Districts - DoW 13/07/06
 - Town Planning Scheme Zones - MFP 31/08/98

4. References

Hopper, SD & Brown, AP (2001) Contributions to Western Australian orchidology: 2. New taxa and circumscriptions in *Caladenia* (Spider, Fairy and Dragon Orchids of Western Australia), *Nuytsia*, vol. 14, no. 1/2.

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