



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6884/1
Permit Holder:	Shire of Denmark
Duration of Permit:	5 March 2016 to 5 March 2021

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 purposes of facilitating revegetation and road safety.

2. Land on which clearing is to be done

Lot 429 on Deposited Plan 230727, Shadforth
Gilbert Avenue road reserve (PIN 11436150), Denmark
Maloney Close road reserve (PIN 1181677), Ocean Beach

3. Area of Clearing

The Permit Holder must not clear more than 0.8 hectares of native vegetation and two native trees within the combined areas hatched yellow on attached Plan 6884/1a, 6884/1b and 6884/1c.

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 the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

PART II—MANAGEMENT CONDITIONS

6. Avoid, minimise etc clearing

In determining the amount of native vegetation to be cleared authorised under this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- avoid the clearing of native vegetation;
- minimise the amount of native vegetation to be cleared; and
- reduce the impact of clearing on any environmental value.

7. 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) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) 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 any plant -

- (a) that is a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.

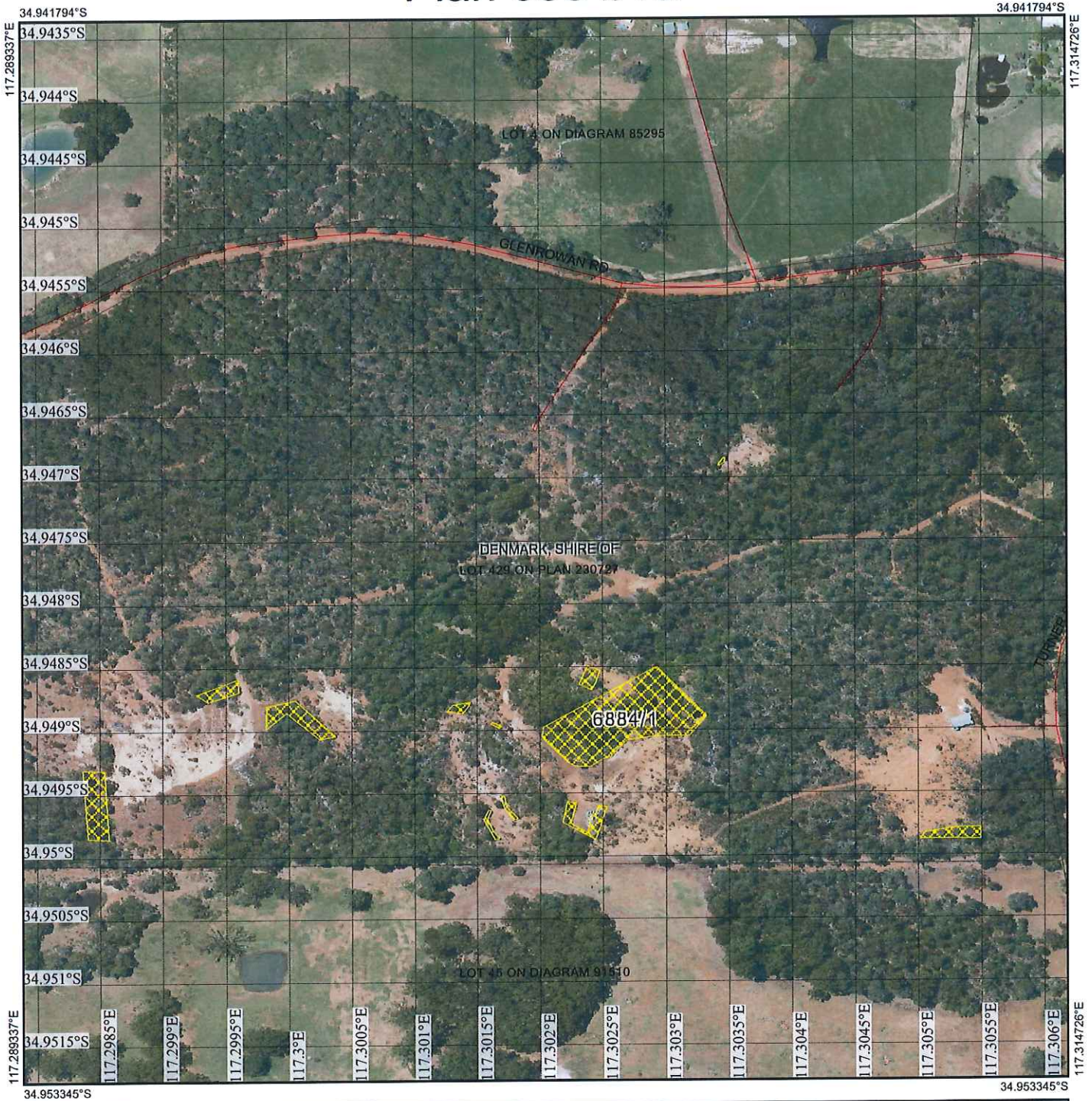


James Widenbar
MANAGER
CLEARING REGULATION

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

4 February 2016

Plan 6884/1a



Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

James Widenbar Date *4/12/2016*
 James Widenbar



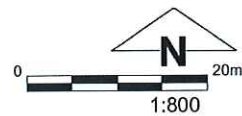
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Plan 6884/1b



Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

James Widenbar Date *4/12/2016*
 James Widenbar

Plan 6884/1c



Legend

-  Roads
-  Imagery
-  Clearing Instruments Activities
-  Local Government Authority
-  Cadastre



(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

James Widenbar Date *4/2/2016*
 James Widenbar



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1. Application details

1.1. Permit application details

Permit application No.: 6884/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: Shire of Denmark

1.3. Property details

Property: LOT 429 ON PLAN 230727, SHADFORTH ROAD RESERVE - 11436150, DENMARK ROAD RESERVE - 1181677, OCEAN BEACH
Colloquial name: Gilbert Avenue and Maloney Close
Local Government Authority: DENMARK, SHIRE OF
DER Region: South Coast
DPaW District: FRANKLAND
Localities: DENMARK and SHADFORTH and OCEAN BEACH

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.8	2	Mechanical Removal	Miscellaneous

1.5. Decision on application

Decision on Permit Application: Granted

Decision Date: 04 February 2016

Reasons for Decision: The clearing application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*, and has concluded that the proposed clearing is not likely to be at variance to any of the clearing principles.

Through assessment it has been determined that the clearing of a relatively small, degraded (Keighery, 1994) area is unlikely to have any significant environmental impacts. Consideration was given to the main purpose of the application being for rehabilitation. State policies and other relevant policies have been taken into consideration in the decision to grant a clearing permit.

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 14 is described as Low forest; jarrah (Shepherd et al, 2001).	The clearing of 0.8 hectares of native vegetation and two native trees is for the purposes of facilitating revegetation and road safety.	Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).	The condition of the vegetation under application was determined via aerial imagery.
Beard vegetation association 1 is described as Tall forest; karri (Eucalyptus diversicolor) (Shepherd et al, 2001).		To	
Beard vegetation association 969 is described as Mosaic: Medium forest; jarrah-marri / Low forest; jarrah (Shepherd et al, 2001).		Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994).	
Mattiske vegetation Kb complex consists of Mosaic of tall open forest of Eucalyptus guilfoylei-Eucalyptus jacksonii-Eucalyptus diversicolor on slopes of major hills rising above coastal plain with Allocasuarina decussata-			

Banksia grandis-Agonis flexuosa on slopes in hyperhumid and perhumid zones and tall open forest of Eucalyptus brevistylis-Eucalyptus marginata subsp. marginata-Corymbia calophylla and the occasional Eucalyptus megacarpa near rock outcrops in hyperhumid and perhumid zones (Mattiske and Havel, 1998).

3. Assessment of application against clearing principles

Comments The application is for the proposed clearing of 0.8 hectares of native vegetation and two native trees within Lot 429 on Deposited Plan 230727, Shadforth, Gilbert Avenue road reserve (PIN 11436150), Denmark, and Maloney Close road reserve (PIN 1181677), Ocean Beach, for the purposes of facilitating revegetation and road safety. Lot 429 on Deposited Plan 230727 was historically used for gravel extraction. The Shire has advised that the clearing within Lot 429 is required to access the old pits, and to level out and use the topsoil to undertake revegetation of the site. The vegetation is considered to be in a degraded to completely degraded (Keighery, 1994) condition.

A priority 3 species, *Tetraria* sp. Blackwood River, has been recorded 100 metres south of the area proposed for clearing within Lot 429. Priority 3 species are generally known from collections from several different localities not under imminent threat (Parks and Wildlife, 2014). Given the relatively small size of the application area, the proposed clearing is not likely to impact on the conservation status of these species.

Given lot 429 has been subject to disturbance historically through gravel extraction and weed invasion, and the extent of native vegetation in the local area, the proposed clearing is not likely to impact on rare or priority flora, a priority or threatened ecological community and conservation reserves within the local area or significant fauna habitat.

The vegetation within the application area is mapped as Beard vegetation associations 969, 1 and 14, and Mattiske vegetation complex Kb. Approximately 40, 78, 64 and 80 per cent of these vegetation associations remain at a bioregional level, respectively (Government of Western Australia, 2014; Parks and Wildlife, 2015). A review of aerial imagery indicates that the application area does not represent a significant remnant of native vegetation and is not within an area that has been extensively cleared as approximately 50 per cent of the local area (10km radius) remains vegetated.

There are no watercourses or wetlands mapped within the application area. The closest waterbody is a major drain located 100 metres east of the area under application. The proposed clearing is not likely to impact on riparian vegetation, contribute to or cause land degradation, deteriorate the quality of ground water or surface water or cause or exacerbate flooding.

The proposed clearing may increase the risk of weeds and dieback spreading into adjacent remnant vegetation. Weed and dieback management measures will assist in mitigating this risk.

Given the above, clearing the vegetation under application is not likely to be at variance to any of the clearing Principles.

Methodology

References:
Government of Western Australia (2014)
Keighery (1994)
Parks and Wildlife (2014)
Parks and Wildlife (2015)

GIS Databases
Parks and Wildlife tenure
Hydrography, linear DOW
NWLRA, Extent of Native Vegetation
Pre-European vegetation
SAC Biodatasets – Accessed (February 2016)
Geomorphic Wetlands, (Mgt Categories), Swan Coastal Plain

Planning instruments and other relevant matters.

Comments The clearing under application falls within the Scotsdale Brook Water Reserve a priority not assigned Public Drinking Water Source Area. The Department of Water has been notified of the application and to date no comments have been received.

The application area is mapped within two Aboriginal Sites of Significance, namely 'Poddy Point Burial' and 'Wilson's Inlet, Denmark'. The applicant will be notified of their obligations under the Aboriginal Heritage Act 1972.

The clearing permit application was advertised on 25 January 2016 by the Department of Environment Regulation inviting submissions from the public. No submissions from the public were received.

Methodology GIS Databases:
Aboriginal Sites of Significance
Public Drinking Water Source Areas

4. References

- Government of Western Australia (2014) 2014 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2014. WA Department of Parks and Wildlife, Perth.
- 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.
- Parks and Wildlife (2014) Threatened and Priority Flora List for Western Australia. WA Department of Environment and Conservation, Perth
- Parks and Wildlife (2015) 2015 South West Forest and Swan Coastal Plain Vegetation Complex Statistics: a report prepared for the Department of Environment Regulation. Current as of March 2015. Department of Parks and Wildlife, Perth, Western Australia.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.