



## **CLEARING PERMIT**

*Granted under section 51E of the Environmental Protection Act 1986*

### **PERMIT DETAILS**

Area Permit Number: 5888/1

File Number: 2011/006816-1

Duration of Permit: From 19 December 2013 to 19 December 2015

### **PERMIT HOLDER**

City of Busselton

### **LAND ON WHICH CLEARING IS TO BE DONE**

Lot 94 on Deposited Plan 91775 (Reserve 385), Wonnerup

### **AUTHORISED ACTIVITY**

The Permit Holder shall not clear more than 0.77 hectares of native vegetation within the area hatched yellow on attached Plan 5888/1.

### **CONDITIONS**

Nil.

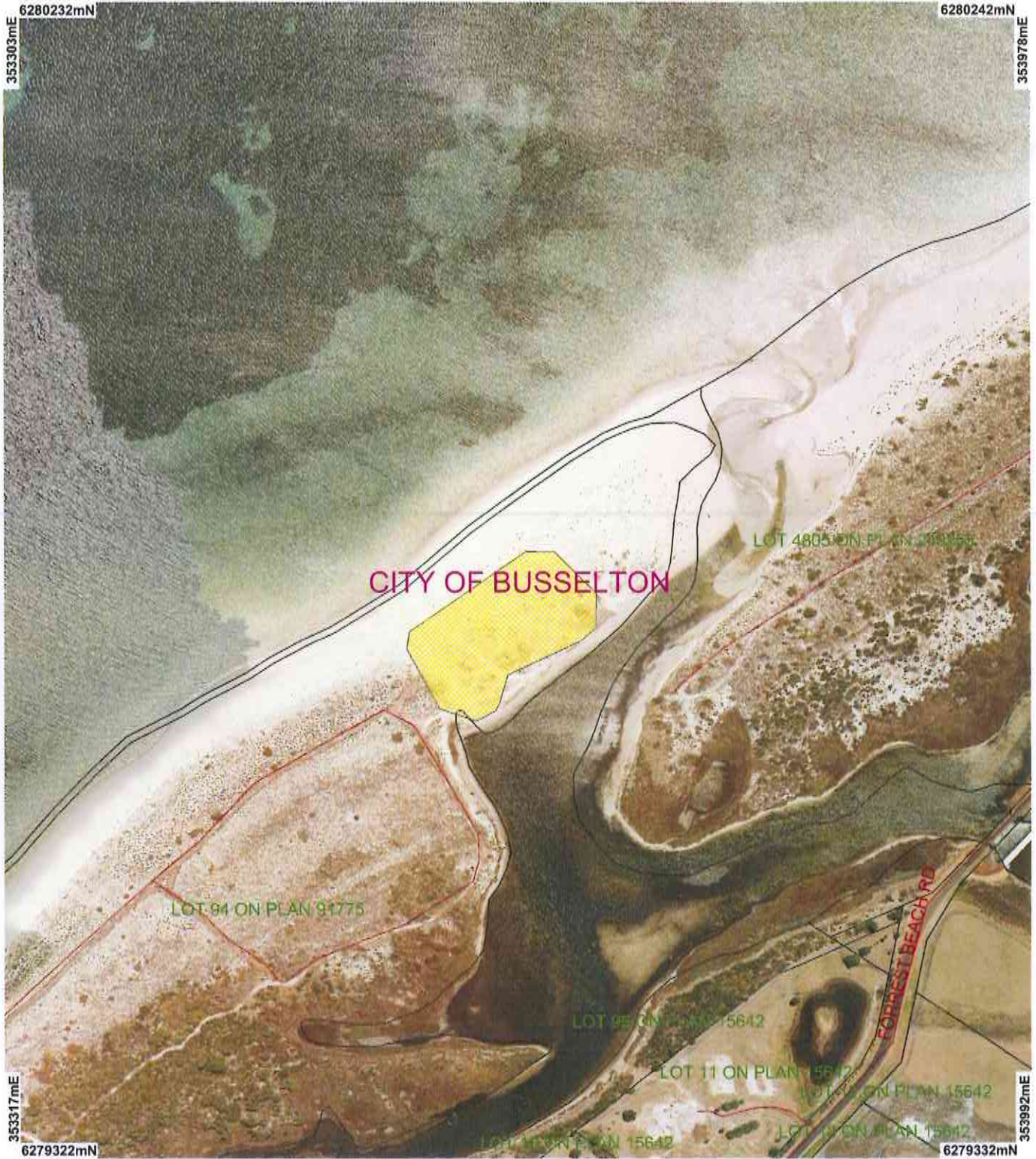
A handwritten signature in cursive script, appearing to read "M Warnock".

M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

19 December 2013

# Plan 5888/1



## LEGEND

- Cadastre
- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Local Government Authorities

Busselton Townsite 20cm  
Orthomosaic - Landgate  
2008



0 100 m

Scale 1:4000  
(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 19/12/13  
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.



Government of Western Australia  
Department of Environment Regulation

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\* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



# Clearing Permit Decision Report

## 1. Application details

### 1.1. Permit application details

Permit application No.: 5888/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: City of Busselton

### 1.3. Property details

Property: LOT 94 ON PLAN 91775 (Lot No. 94 LAYMAN WONNERUP 6280)  
Local Government Area: City of Busselton

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.77		Mechanical Removal	Repositioning the Vasse Estuary ocean inlet

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 19 December 2013

## 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
The area under application has been mapped as Beard Vegetation Association 990 which is described as low forest: peppermint ( <i>Agonis flexuosa</i> ) (Shepherd et al 2001)	The clearing consists of 0.77 hectares of native vegetation within Lot 94 on Plan 91775, Wonnerup in the City of Busselton, for the purpose of repositioning the Vasse Estuary ocean inlet.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The area under application consists of sparse low heath, non-native species combined with the following: <i>Spinifex hirsutus</i> , <i>Spinifex longifolius</i> , <i>Scaevola crassifolia</i> , <i>Ficinia nodosa</i> , <i>Carpobrotus virescens</i> , <i>Lepidosperma gladiatum</i> , <i>Acacia cyclops</i> .  Small patches of saltmarsh that should not be disturbed by the clearing: <i>Tecticornia</i> sp., <i>Juncus kraussii</i> , <i>Sporobolus virginicus</i> .

## 3. Assessment of application against clearing principles

### Comments

The application proposes to clear 0.77 hectares of native veg within Lot 94 on Plan 91775, Wonnerup in the City of Busselton, for the purpose of repositioning the Vasse Estuary ocean inlet.

Consideration has been given to impacts to biodiversity, significant fauna habitat, rare flora, threatened ecological communities, remnant vegetation values, wetlands, watercourses, land degradation, surface water quality, groundwater quality, and flooding. The assessment has found that the clearing under application is not likely to be at variance to all clearing principles.

The area under application falls with an area covered by the Environmental Protection Swan Coastal Plain Lakes Policy 1992. The proposal was referred to the Environmental Protection Authority who determined that level of assessment assigned to this referral is 'Not Assessed - managed under Part V Division 2 of the Environmental Protection Act (Clearing)'.

No submissions have been received.

### Methodology

GIS Datasets:  
- Hydrology, linear  
- IBRA Australia  
- Aboriginal Sites of Significance  
- DEC Tenure  
- Town Planning Scheme Zones  
- Geomorphic Wetlands (Mgt Categories), Swan Coastal Plain  
- ANCA, Wetlands

### References:

Shepherd et al (2001)  
Keighery (1994)

- RAMSAR, Wetlands
- Groundwater salinity, statewide
- Topographic Contours, statewide
- Soils, statewide
- Environmental Protection Swan Coastal Lakes Policy 1992
- RIWI Act, Areas
- Pre-European Vegetation
- SAC Biodatasets Accessed 4 December 2013
- Busselton 50cm Orthomosaic - Landgate 2007
- Busselton Townsite 20cm Orthomosaic - Landgate 2008

#### **4. References**

- 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., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.