



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 5448/1
<b>Permit Holder:</b>	Rottnest Island Authority
<b>Duration of Permit:</b>	From 3 May 2013 to 3 May 2015

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 upgrading the public golf course.

**2. Land on which clearing is to be done**

Lot 10976 on Deposited Plan 216860 (Rottnest Island 6161).

**3. Area of Clearing**

The Permit Holder shall not clear more than 0.36 hectares of native vegetation within the area hatched yellow on attached Plan 5448/1.

**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. 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

**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.

M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

11 April 2013

# Plan 5448/1

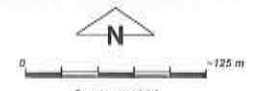


## LEGEND

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

Rottneet Island Feb 2011  
Mosaic

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



Scale 1:4889  
(Approximate when reproduced at Letter)

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 11/4/13  
M. Warnock

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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# Clearing Permit Decision Report

## 1. Application details

### 1.1. Permit application details

Permit application No.: 5448/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Rottnest Island Authority

### 1.3. Property details

Property: LOT 10976 ON PLAN 216860 (House No. 1 SOMERVILLE ROTTNEST ISLAND 6161)  
Local Government Area: City of Cockburn

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.36		Mechanical Removal	Recreation

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 11 April 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
Mapped Beard Vegetation Association 15 is described as low forest consisting of cypress pine (Shepherd et al, 2001).	This application proposes to clear 0.36 hectares of native vegetation within Lot 10976 on Deposited Plan 216860 (Reserve 16713), Rottnest Island, for the purpose of upgrading the public golf course.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation was established through aerial imagery (Rottnest Island Orthomosaic-Landgate 2011).
Mapped Beard Vegetation Association 125 is described as bare areas consisting of salt lakes (Shepherd et al, 2001).		To  Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	

## 3. Assessment of application against clearing principles

### Comments

This application proposes to clear 0.36 hectares of native vegetation within Lot 10976 on Deposited Plan 216860 (Reserve 16713), Rottnest Island, for the purpose of upgrading the public golf course. The vegetation is in a degraded to good (Keighery, 1994) condition, with the majority of the vegetation in a degraded (Keighery, 1994) condition.

One priority two flora species, a prostrate annual herb, has been recorded within the local area (10 kilometre radius). One record of this species has been mapped on lakeside flats in an area prone to waterlogging, and occurs on grey sand and shell substrate. Given that the vegetation under application is not consistent with this habitat type, and that the species has been mapped more than two kilometres from the application area, it is unlikely for this species to occur within the area of proposed clearing.

Given the small size of the application area, and the largely degraded (Keighery, 1994) condition of the vegetation under application, it is not likely to provide significant habitat for fauna indigenous to Western Australia.

The closest threatened ecological community and priority ecological community to the application area is the vulnerable *Callitris preissii* forests and woodlands on the Swan Coastal Plain, and the priority 2 Hypersaline Microbial Community 1 within Government House Lake, located 110 and 130 metres south of the application area respectively. The small area of proposed clearing (0.36 hectares) is unlikely to impact upon these communities.

There is approximately 79 and 26 per cent of Beard Vegetation Associations 15 and 125 remaining within the Swan Coastal Plain respectively, and 31 per cent of pre-European vegetation remaining within the City of Cockburn (Government of Western Australia, 2011).

The proposed clearing of 0.36 hectares of vegetation in a good to degraded condition (Keighery, 1994) is not likely to represent a significant remnant.

Given the relatively small area proposed to be cleared and that no wetlands or watercourses occur within the application area, it is not likely the proposed clearing will cause appreciable land degradation, impact water quality, consist of riparian vegetation or cause or exacerbate the intensity of flooding.

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

- Methodology**    **References:**
- Government of Western Australia (2011)
  - Keighery (1994)
- GIS Databases:
- DEC Tenure
  - Hydrography, linear
  - Hydrography, hierachy
  - SAC Bio Datasets (Accessed March 2013)

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

##### **Comments**

No submissions from the public have been received for the proposed clearing.

The proposed clearing falls within several Aboriginal Sites of Significance. It is the proponent's responsibility to comply with the Aboriginal Heritage Act 1972 and ensure that no Aboriginal Sites of Significance are damaged through the clearing process.

The proposed clearing falls within the Rottneest Island Groundwater Area, which is an area proclaimed under the Rights in Water and Irrigation Act 1914. The Department of Water (DoW) advise that the Rottneest Island Authority has a licence to supply water for the facilities and there is no requirement for the proponent to obtain any other licence for this proposal (DoW, 2013).

A letter was sent to the proponent requesting more information on the potential impacts on microbialite communities within the Rottneest Island lakes. The proponent has since removed the portion of the application area that encroaches upon a perennial lake, which therefore ensures that no clearing falls within 100 metres of watercourses on site.

- Methodology**    **References:**
- DoW (2013)
- GIS Databases:
- Aboriginal Sites of Significance
  - Hydrography, linear
  - Hydrography, hierachy
  - SAC Bio Datasets (Accessed March 2013)

#### **4. References**

- Department of Water (2013) Rights in Water and Irrigation Advice for CPS 5448/1. DEC Ref: A600645
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, 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.
- 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)