



## **CLEARING PERMIT**

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

### **PERMIT DETAILS**

Area Permit Number: 4761/1  
File Number: 2011/011424-1  
Duration of Permit: 26 October 2012 to 26 October 2014

### **PERMIT HOLDER**

Department of Housing on behalf of the Aboriginal Lands Trust

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

Lot 2 on Plan 12362 (Dampier Peninsula 6725)

### **AUTHORISED ACTIVITY**

The Permit Holder shall not clear more than 1.23 hectares of native vegetation within the area hatched yellow on attached Plan 4761/1.

### **CONDITIONS**

Nil.

Roxane Shadbolt

Roxane Shadbolt  
A/MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

4 October 2012

# Plan 4761/1



**LEGEND**

- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Cadastre for labelling

**Dampier Peninsular Study**  
Area 50cm Orthomosaic - Landgate 2007

Scale 1:2323  
(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.*

*R. Shadbolt*, Date *4/10/12*

Roxane Shadbolt  
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.

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



## 1. Application details

### 1.1. Permit application details

Permit application No.: 4761/1

Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: Department of Housing on behalf of Aboriginal Land Trust

### 1.3. Property details

Property: LOT 2 ON PLAN 12362 (DAMPIER PENINSULA 6725)

Local Government Area: Shire of Broome

Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant

Decision Date: 4 October 2012

## 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 67 is described as Grasslands, tall bunch grass savanna, sparse low tree; ribbon grass & paperbarks (Shepherd et al, 2001)	The application proposes to clear 1.23 ha of native vegetation within Lot 2 on Plan 12362, Dampier Peninsula. The purpose of the proposed clearing is to upgrade an existing sewage treatment facility.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The condition of the vegetation was assessed using aerial imagery (Dampier Peninsular Study Area 50cm Orthomosaic - Landgate 2007)

## 3. Assessment of application against clearing principles

### Comments

The application proposes to clear 1.23 ha of native vegetation within Lot 2 on Plan 12362, Dampier Peninsula, for the purpose of upgrading a sewer treatment facility near Beagle Bay.

The area under application is located within the Dampierland Interim Biogeographic Regionalisation of Australia (IBRA) bioregion. This IBRA bioregion has approximately 100 per cent of its Pre European vegetation extent remaining. Digital Imagery (Dampier Peninsular Study Area 50cm Orthomosaic - Landgate 2007) indicates the local area (10 km radius) surrounding the area under application retains approximately 90 per cent vegetation cover. Given the above and the degraded (Keighery 1994) condition of the area proposed to clear it is unlikely the proposed clearing is considered as a significant remnant in an extensively cleared area.

No rare flora has been recorded within the local area (10 km). Eight priority species have been recorded within the local area (10km), the closest record being *Colocasia esculenta* var. *aquatilis* located approximately 30 m west of the application area on the same vegetation and soil type. Given the small area under application and the vegetation representation in the local and regional area it is unlikely the area proposed to clear comprises a high level of biodiversity when compared to the surrounding vegetation.

Numerous fauna species of conservation significance were recorded within the local area (40 km radius). These included the *Macrotis lagotis* (Bilby), *Falco peregrinus* (Peregrine Falcon), *Vespertilio douglasorum* (Yellow-lipped Cave Bat), *Burhinus grallarius* (Bush Stone-curlew) and *Numenius madagascariensis* (Eastern Curlew). The vegetation found within the application area is well represented in the local and regional area and therefore the small area under application is not likely to be necessary for the maintenance of significant habitat for fauna indigenous to Western Australia.

No wetlands or watercourses are located within the application area. However, the application area lies within an area subject to inundation and lies approximately 4 km from the coastline. Given the small area proposed to clear and the purpose is to expand an already existing sewer treatment plant the clearing as proposed is unlikely to cause deterioration in the quality of surface water or exacerbate the incidence or intensity of flooding.

The assessment determined that the proposed clearing is not likely to significantly impact any biodiversity or environmental values; nor will it cause any appreciable land degradation within the local or regional context. Therefore, the proposed clearing is not likely to be at variance to any of the clearing principles.

**Methodology** References:  
-Keighery 1994

GIS Databases:  
- IBRA Australia  
- Pre-European vegetation  
- SAC Biodatasets - accessed 29 January 2012  
- Dampier Peninsular Study Area 50cm Orthomosaic - Landgate 2007  
- Hydrography, linear

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

### Comments

Industry Regulation - Kimberley Region have advised an application from the Department of Housing has been received. The Industry Regulation Branch is happy with the proposal that has been submitted, however they are currently waiting for approval from the Aboriginal Lands Trust to have the works approval and subsequent licence issued in their name. A works approval is likely to be issued once this approval is received.

The application area is located within the Aboriginal Site of Significance 'Bobby Creek'. The applicant will be advised to liaise with the Department of Indigenous Affairs in regards to their obligation under the Aboriginal Heritage Act 1972.

The application area falls within the Canning-Kimberley Groundwater Area under the Rights in Water Irrigation Act 1914.

**Methodology** GIS Databases:  
- Aboriginal Sites of Significance  
- RIWI Act, Groundwater Areas

## 4. References

- 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)
TEC	Threatened Ecological Community
WRC	Water and Rivers Commission (now DEC)