



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 7484/1  
File Number: 2011/006798-2  
Duration of Permit: 17 June 2017 to 17 June 2019

### PERMIT HOLDER

City of Rockingham

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 150 on Deposited Plan 223083, Rockingham  
Rockingham Beach Road (PIN 11423931), Rockingham

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.54 hectares of native vegetation within the area hatched yellow on attached Plan 7484/1.

### CONDITIONS

#### 1. 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.

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Mathew Gannaway  
MANAGER  
CLEARING REGULATION

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

17 May 2017

# Plan 7484/1



## Legend

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



1:1,588

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

*Matthew Gannaway* Date 17/5/2017

Officer with delegated authority under Section 20 of the Environmental Protection Act 1986



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## 1. Application details

### 1.1. Permit application details

Permit application No.: 7484/1  
Permit type: Area Permit

### 1.2. Applicant details

Applicant's name: City of Rockingham

### 1.3. Property details

Property: Road Reserve - 11423931, Rockingham  
Lot 150 on Deposited Plan 223083, Rockingham  
Colloquial name: Rockingham Beach Road  
Local Government Authority: City of Rockingham  
DER Region: Greater Swan  
DPaW District: Swan Coastal  
Localities: Rockingham

### 1.4. Application

| Clearing Area (ha) | No. Trees | Method of Clearing | For the purpose of:   |
|--------------------|-----------|--------------------|-----------------------|
| 0.54               |           | Mechanical Removal | Building or structure |

### 1.5. Decision on application

Decision on Permit Application: Granted  
Decision Date: 17 May 2017  
Reasons for Decision: The clearing permit application is to clear 0.54 hectares of native vegetation for the purpose of expanding an existing carpark, and was received on 16 February 2017.

The clearing permit application has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*. The Delegated Officer determined that the proposed clearing is not likely to be at variance to any of the clearing principles and is not likely to have any significant environmental impacts.

The Delegated Officer determined that the proposed clearing may increase the risk of weeds and dieback being introduced or spread into adjacent native vegetation. Weed and dieback management measures will minimise impacts to adjacent vegetation.

## 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   |
|--|--|--|---|
| Heddlе vegetation Quindalup complex is comprised of coastal dune complex consisting mainly of two alliances - the strand and fore-dune alliance and the mobile and stable dune alliance. Local variations include the low closed forest of <i>Melaleuca lanceolata</i> (Rottneѕt Teatree) - <i>Callitris preissii</i> (Rottneѕt Island Pine) and the closed scrub of <i>Acacia rostelifera</i> (Summer-scented Wattle). (Heddlе et al., 1980). | The application is for the clearing of 0.54 hectares of native vegetation within Lot 150 on Deposited Plan 223083 and Rockingham Beach Road (PIN 11423931), Rockingham, for the purpose of expanding an existing car park. | Completely Degraded; No longer intact, completely/almost completely without native species (Keighery, 1994).<br><br>To<br><br>Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery, 1994). | The condition and the description of the vegetation within the application area was determined by a site inspection undertaken by the Department of Environment Regulation (DER) Officers on 29 March 2017 (DER, 2017). |

### 3. Assessment of application against clearing principles

#### Comments

The application is to clear up to 0.54 hectares of native vegetation within Lot 150 on Deposited Plan 223083 and Rockingham Beach Road (PIN 11423931), Rockingham, for the purpose of expanding the Wanliss Street car park in order to support the proposed foreshore redevelopment. The application area has been significantly impacted by previous and ongoing disturbances, including authorised and unauthorised tracks and rubbish dumping. As a result of this disturbance the application area is in a completely degraded to degraded (Keighery, 1994) condition (DER, 2017).

The vegetation consists of a dense shrubland comprised primarily of three native species including *Acacia cyclops* (most dominant species), *Lepidosperma gladiatum* and *Acanthocarpus preissii* over an understorey dominated by introduced species (DER, 2017).

A search of the Department of Parks and Wildlife's flora database revealed that a total of five priority flora and one rare flora species have been mapped within the local area (10 kilometre radius). The relatively small application area has been subject to significant historical disturbance and the understorey is dominated by invasive exotic weeds. Therefore, the clearing proposed is unlikely to have an impact on the conservation status of these species.

A total of 52 fauna species of conservation significance have been recorded within the local area (Department of Parks and Wildlife, 2007- ). There are no large primary habitat trees within the application area, and given the largely degraded (Keighery, 1994) condition of the vegetation, it is unlikely that the proposed clearing provides significant fauna habitat for local populations.

According to available databases, the closest threatened ecological community (TEC) is 'Sedgelands in Holocene dune swales of the southern Swan Coastal Plain' listed as 'Critically Endangered' mapped approximately 1.8 kilometres south west of the application area. The vegetation proposed for clearing is not consistent with this TEC given the current condition and historical disturbance of the area.

The application area is mapped as Heddle Quindalup vegetation complex which retains approximately 63 per cent of its pre-European extent (Government of Western Australia, 2016). Given the vegetation proposed for clearing is not consistent with the mapped vegetation association, it is not considered to be a significant remnant.

The closest hydrological feature is a minor drainage line mapped approximately two kilometres south west of the application area. Given the distance from the application area to this hydrological feature, it is not likely the proposed clearing will impact on vegetation growing in association with the drainage line. A site inspection did not observe any vegetation within the application area growing in association with a hydrological feature.

The nearest conservation reserve is Bush Forever Site No 355 known as 'Point Peron and adjacent bushland, Peron/Shoalwater Bay' located approximately 2.6 kilometres south west of the application area. Given the distance of this reserve from the application area, it is unlikely the proposed clearing will impact on the environmental values of this conservation area. However it is considered that the proposed clearing may increase the risk of weeds and dieback spreading into adjacent remnant vegetation. Weed and dieback management practices will assist in mitigating this risk.

Given the relatively small size and condition of the application area and the sandy soils present within the application area, it is unlikely that the proposed clearing will cause or exacerbate land degradation, flooding or impact upon water quality.

The assessment of the proposed clearing identified that the clearing is not likely to be at variance to any of the clearing Principles.

#### Methodology

##### References:

Department of Parks and Wildlife (2007-)  
DER (2017)  
Government of Western Australia (2016)  
Keighery (1994)

##### GIS Databases:

SAC Bio Datasets accessed May 2017  
Geomorphic Wetlands, (Mgt Categories), Swan Coastal Plain  
Hydrography linear  
NLWRA, Current Extent of Native Vegetation  
Parks and Wildlife tenure  
Pre-European vegetation

## Planning instruments and other relevant matters.

**Comments** The application was advertised on 14 March 2017 by DER inviting submissions from the public within a 21 day period. No submissions were received in relation to this application.

No Aboriginal Sites of Significance occur within the application area.

**Methodology** GIS Databases:  
Aboriginal Sites of Significance

## 4. References

- Department of Environment Regulation (DER) (2017) Site Inspection Report for CPS 7484/1. Department of Environment Regulation. Western Australia (DER Ref: A1410452).
- Department of Parks and Wildlife (2007-) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed 15/05/2017
- Government of Western Australia (2016). 2016 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2016. WA Department of Parks and Wildlife, Perth.
- Hedde, E. M., Loneragan, O. W., and Havel, J. J. (1980) Vegetation Complexes of the Darling System, Western Australia. In Department of Conservation and Environment, Atlas of Natural Resources, Darling System, Western Australia.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.