



## CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

<b>Purpose Permit number:</b>	CPS 6313/1
<b>Permit Holder:</b>	Suewal Pty Ltd
<b>Duration of Permit:</b>	17 January 2015 – 17 January 2020

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 constructing a hardstand and storage.

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

Lot 19 on Diagram 19028 (Naval Base 6165)

**3. Area of Clearing**

The Permit Holder must not clear more than 1.37 hectares of native vegetation within the area hatched yellow on attached Plan 6313/1.

**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.

### PART II – MANAGEMENT CONDITIONS

**5. 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*:

- clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- 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; and

**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.



M Warnock  
SENIOR MANAGER  
CLEARING REGULATION

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

18 December 2014



# Plan 6313/1



## LEGEND

### Clearing Instruments

- Areas Approved to Clear
- Road Centrelines
- Cadastre for labelling
- Local Government Authorities

Perth Metropolitan Area  
Central 15cm Orthomosaic  
Landgate 2012



Scale 1:1205  
(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 18/12/14  
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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# Clearing Permit Decision Report

## 1. Application details

### 1.1. Permit application details

Permit application No.: 6313/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Suewal Pty Ltd

### 1.3. Property details

Property: LOT 19 ON DIAGRAM 19028 (House No. 1250 ROCKINGHAM NAVAL BASE 6165)  
Local Government Area: City of Kwinana  
Colloquial name:

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
1.37		Mechanical Removal	Dam construction or maintenance

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 18 December 2014

## 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 998 is described as Medium woodland; tuart (Shepherd et al 2001).	The proposed clearing of 1.37 hectares of native vegetation within Lot 19 on Diagram 19028, Naval Base is for the purpose of constructing a hardstand and storage.	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation description and condition was determined using aerial imagery.
Hedde vegetation complex Cottesloe Complex-Central and South is described as Mosaic of woodland of Eucalyptus gomphocephala (Tuart) and open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri); closed heath on the Limestone outcrops (Hedde et al 1980).		To  Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	

## 3. Assessment of application against clearing principles

### Comments

The application is for the proposed clearing of 1.37 hectares of native vegetation within Lot 19 on Diagram 19028, Naval Base for the purpose of constructing a hardstand and storage.

Numerous priority flora species have been recorded within the local area (10 kilometre radius) the closest being a Priority 2 flora species located approximately 900 metres north of the area under application within the same soil and vegetation type and therefore suitable habitat maybe located within the area under application. However, the area under application has previously been cleared and is in a completely degraded to degraded (Keighery 1994) condition. Therefore the clearing as proposed is not likely to have a significant impact on the conservation status of any priority flora species.

Three rare flora species have been recorded within the local area (10 kilometre radius), the closest record being located approximately 4.5 kilometres east of the application area. Suitable habitat for these species is not located within the area under application. Therefore the clearing as proposed is not likely impact upon any rare flora species.

Numerous fauna species listed as rare or likely to become extinct under the Wildlife Conservation Act 1950 have been recorded within the local area (10 kilometre radius) (DEC 2007-). The area under application has

been previously cleared and is in a completely degraded to degraded (Keighery 1994) condition. Therefore the vegetation proposed to be cleared is not likely to contain significant habitat for fauna. Vegetation located adjacent to Lot 19 in better condition is likely to provide more suitable habitat for local fauna species.

A Resource Enhancement Wetland is mapped within the area under application which extends into the Lot adjacent to the application area. The area under application is in a completely degraded to degraded (Keighery 1994) condition and has previously been cleared, some regeneration has occurred post clearing however the vegetation remaining is limited (Parks and Wildlife 2014). The wetland has been truncated by the construction of Rockingham Road into three smaller areas and therefore the geomorphology and hydrology of the wetland has been significantly altered by the road. The wetland values within Lot 19 are considered limited, however the area of the sumpland adjacent to the application appears to have retained some dense areas of vegetation. The clearing proposed may indirectly impact the adjacent sumpland through the spread of weeds and dieback. Weed and dieback management practices will help mitigate this risk.

The clearing may increase sedimentation and runoff into the adjacent sumpland. However given the completely degraded to degraded (Keighery 1994) condition of the vegetation proposed to be clearing impacts are likely to be minimal and the clearing proposed is not likely cause deterioration to surface water quality.

The local area (10 kilometre radius) has been extensively cleared and is approximately 25 per cent vegetated, however the vegetation under application does not comprise of a high level of biological diversity or provide significant fauna habitat, and is therefore not considered a significant remnant of native vegetation in an extensively cleared area.

The clearing of 1.37 hectares of native vegetation in a completely degraded to degraded (Keighery 1994) condition is not likely to cause deterioration to the quality of groundwater or exacerbate flooding. No conservation areas or threatened ecological communities are located within the vicinity of the application area.

The assessment of the application identified that the clearing is at variance to clearing principle (f) and is not likely to be at variance to any of the remaining principles.

#### Methodology

##### References:

- DEC (2007-)
- Keighery (1994)
- Parks and Wildlife (2014)

##### GIS Databases:

- Parks and Wildlife Tenure
- Geomorphic wetlands, Swan Coastal Plain
- Groundwater salinity
- Hydrography, linear
- Soils, statewide
- SAC Bio datasets (Accessed November 2014)

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

#### Comments

The City of Kwinana issued Planning Approval for Lot 19 on Deposited Plan 19028 on 8 August 2014.

The construction of a hardstand may result in altered surface water flows toward the area of sumpland southwest of the area under application (Parks and Wildlife 2014). Conditions on the Planning Approval issued by the City of Kwinana will help mitigate these impacts including:

- Stormwater drainage from roofed and paved areas to be contained and disposed of on site at all times.
- Implementing dust control measures for the duration of site works.
- The proposed development shall be connected to a Nutrient Retentive Effluent Disposal System to the satisfaction of the City of Kwinana.
- A six metre buffer will be provided to the adjacent property.

#### Methodology

##### References:

- City of Kwinana

#### 4. References

- City of Kwinana (2014) Planning Approval  $\zeta$  Lot 19 on Deposited Plan 19028, Naval Base. DER Ref: A817085
- DEC (2007 - ) NatureMap: Mapping Western Australia's Biodiversity. Department of Environment and Conservation. URL: <http://naturemap.dec.wa.gov.au/>. Accessed November 2014
- Government of Western Australia (2013) 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. 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.
- Parks and Wildlife (2014) Wetlands Advice for Clearing Permit Application CPS 6313/1. Department of Parks and Wildlife. Environmental Management Branch. Western Australia. DER Ref: A844535
- 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.