



## CLEARING PERMIT

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

### PERMIT DETAILS

Area Permit Number: 5515/1  
File Number: 2011/006789-1  
Duration of Permit: 17 May 2013 to 17 May 2015

### PERMIT HOLDER

City of Fremantle

### LAND ON WHICH CLEARING IS TO BE DONE

Lot 578 on Plan 11526 (SAMSON, 6163)  
Lot 629 on Plan 11526 (SAMSON, 6163)  
Lot 2465 on Plan 11526 (SAMSON, 6163)  
Sellenger Avenue Road reserve (PIN 11640995) (SAMSON, 6163)

### AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.792 hectares of native vegetation within the areas hatched yellow on attached Plan 5515/1.

### CONDITIONS

#### 1. Dieback and weed control

- (a) 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*:
- (i) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
  - (ii) shall only move soils in *dry conditions*;
  - (iii) ensure that no *dieback* or *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
  - (iv) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.
- (b) At least once in each 12 month period for the term of this Permit, the Permit Holder must remove or kill any *weeds* growing within areas cleared under this Permit.

## DEFINITIONS

The following meanings are given to terms used in this Permit:

*dieback* means the effect of *Phytophthora* species on native vegetation;

*dry conditions* means when soils (not dust) do not freely adhere to rubber tyres, tracks, vehicle chassis or wheel arches;

*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 declared under the section 37 of the *Agriculture and Related Resources Protection Act 1976*; or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.



M Warnock  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

24 April 2013

# Plan 5515/1



## LEGEND

- Cadastre\_1
- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear
- Local Government Authorities

Perth Metropolitan Area  
Central 15cm Orthomosaic -  
Landgate 2012



0 75 m

Scale 1:2764

(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 24/4/13  
M Warnock

Officer with delegated authority under Section 20 of the Environmental Protection Act 1985

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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## 1. Application details

### 1.1. Permit application details

Permit application No.: 5515/1  
Permit type: Area Permit

### 1.2. Proponent details

Proponent's name: City of Fremantle

### 1.3. Property details

Property: LOT 629 ON PLAN 11526 (Lot No. 629 SELLENGER SAMSON 6163)  
LOT 2465 ON PLAN 11526 (House No. 39 MCCOMBE SAMSON 6163)  
LOT 578 ON PLAN 11526 (Lot No. 578 MCCOMBE SAMSON 6163)  
ROAD RESERVE ( SAMSON 6163)

Local Government Area: City of Fremantle

Colloquial name: Sir Frederick Samson Park

### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.792		Mechanical Removal	Hazard reduction or fire control

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 24 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
<p>Beard vegetation association: 6: Medium woodland; tuart &amp; jarrah (Shepherd et al., 2001).</p> <p>Hedde vegetation complex: Cottesloe Complex-Central And\South: 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.</p> <p>Hedde vegetation complex: Karrakatta Complex-Central And\South (Eastern side): Predominantly open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) and woodland of Eucalyptus marginata (Jarrah) - Banksia species (Hedde et al 1980).</p>	<p>The proposed clearing of approximately 0.792 hectares within Lot 578, 629 and 2465 on Plan 11526 and Sellenger Avenue road reserve is for the purpose of fire hazard reduction, pathway maintenance and revegetation.</p> <p>The vegetation of the application on the Western side is mapped Cottesloe Complex-Central And\South and eastern is mapped Karrakatta Complex-Central And\South.</p> <p>The vegetation proposed to be cleared is located within the pathways intended for pedestrian and fire vehicle access (City of Fremantle, 2013).</p> <p>The vegetation within the proposed area is in a degraded to completely degraded (Keighery 1994) condition (DEC, 2013).</p>	<p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994).</p> <p>To</p> <p>Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994).</p>	<p>The vegetation condition and description was determined from aerial photography (Perth Metropolitan Central 15cm - Landgate 2012) and site visit by Department of Environment and Conservation officers on the 26 March 2013 (DEC, 2013).</p>

### 3. Assessment of application against clearing principles

#### Comments

The application is to remove approximately 0.792 hectares of vegetation within Sir Frederick Samson Park. The vegetation within the application area is in a degraded to completely degraded (Keighery, 1994) condition (DEC, 2013) and the proposed clearing is unlikely to have any significant environmental impacts.

The local area (10 kilometre radius) has been extensively cleared for residential, industrial and horticultural purposes, with approximately 40 percent native vegetation remaining. The vegetation under application is mapped as Beard Vegetation Association 6 (Shepherd et al., 2001) and Hedde Vegetation Complexes Cottesloe Complex-Central and Karrakatta Complex Central and South (Hedde et al., 1980). These vegetation types retain approximately 24, 39 and 25 percent, respectively, of the pre-European extent within the Swan Coastal Plain IBRA region (Government of Western Australia, 2011; Shepherd, 2007).

The National Objectives and Targets for Biodiversity Conservation include a target that prevents the clearance of ecological communities with an extent below 30 percent of that present pre-European settlement (Commonwealth of Australia, 2001). The mapped vegetation associations are below the State Government's target of 30 percent retention. However, the Environmental Protection Authority (EPA) recognises the Perth Metropolitan Region as a constrained area, which provides for the reduction of vegetation complexes to a minimum of 10 percent of the pre-European extent (EPA, 2006).

There are no records of rare or priority flora or ecological communities mapped within the application area. Numerous fauna have been recorded residing within Sir Frederick Samson Park (City of Fremantle, 1995). Considering the application area is in a degraded to completely degraded (Keighery, 1994) condition and the proposed clearing is limited to vegetation obstructing the pathway for pedestrian, fire vehicle access and revegetation, the vegetation to be cleared is unlikely to support significant habitat for these species. Therefore, the vegetation is unlikely to contain high biodiversity value, flora or vegetation communities of conservation significance, or significant habitat for native fauna.

The nearest mapped water bodies are numerous dams, lakes and perennial swamps, approximately 735 metres west, and 1.4 kilometre east and south of the application area respectively. Given the small size of 0.792 hectares and distance to water bodies, the proposed clearing is unlikely to result in significant impacts to water quality or quantity, cause flooding or appreciable land degradation.

The proposed clearing is within Bush Forever site 59. The proposed clearing may indirectly impact the environmental values of this conservation area through the introduction or spread of weeds and dieback. Weed and dieback management measures will minimise this impact.

Given the above, the proposed clearing may be at variance to Principle (h) and is not likely to be at variance with the remaining principles.

#### Methodology

##### References:

- City of Fremantle (1995)
- City of Fremantle (2013)
- Commonwealth of Australia (2001)
- DEC (2013)
- EPA (2006)
- Government of Western Australia (2011)
- Hedde et al. (1980)
- Keighery (1994)
- Shepherd (2007)
- Shepherd et al. (2001)

##### GIS databases:

- Bushforever Site
- Hedde Vegetation Complexes
- Hydrography, linear
- Perth Metropolitan Central 15cm - Landgate 2012
- Pre-European vegetation
- SAC Bio datasets (Accessed 8 March 2013)



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

### Comments

The clearing was initially amended from 1 hectare to 0.679 hectare. Subsequent to the site inspection, the applicant increased the clearing to 0.792 hectares to include 0.113 hectares across three additional areas for revegetation works.

Lot 578, 629 and 2465 on Plan 11526 and Sellenger Avenue road reserve are zoned Parks and Recreation under the Metropolitan Regional Scheme.

No submissions from the public have been received.

Lots 578, 629 and 2465 on Plan 11526 and Sellenger Avenue road reserve are mapped within Bush Forever site 59. Department of Planning has no objections as the proposed clearing is limited to the dead and living vegetation that poses an barrier to pedestrians, fire access vehicles and revegetation and if DEC is certain that the vegetation is not inhabited by native fauna and there are no other concerns (City of Fremantle, 2013; Department of Planning, 2013).

### Methodology

There are no Aboriginal Sites of Significance mapped within the application area.

#### References

- City of Fremantle (2013)

#### GIS databases:

- Aboriginal site of significance
- Bushforever Site
- Metropolitan Regional Scheme

## 4. References

- City of Fremantle (1995) Sir Frederick Samson Park Management Plan. Parks and Recreation Department City of Fremantle. DEC Ref. AA606693.
- City of Fremantle (2013) CPS 5366/1 Application form and supporting documents for clearing application, Lot 578, 629 and 2465 on Deposited Plan 11526 and Sellenger Avenue Road Reserve, Samson. DEC Ref. A605336.
- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- DEC (2013) Site Inspection Report for Clearing Permit Application CPS 5515/1, Lot 578, 629 and 2465 on Deposited Plan 11526 and Sellenger Avenue Road Reserve, Samson. Site inspection undertaken 26/03/2013. Department of Environment and Conservation, Western Australia. DEC Ref. A616613.
- Department of Planning (2013) Advice for CPS 5515 Clearing Application - 0.792 hectares - Lot 578, 629 and 2465 on Deposited Plan 11526 and Sellenger Avenue Road Reserve, Samson. DEC Ref. A613589 and A613691.
- EPA (2006) Guidance for the Assessment of Environmental Factors - Level of Assessment for Proposals Affecting Natural Areas Within the System 6 Region and Swan Coastal Plain Portion of the System 1 Region. Guidance Statement No 10. Environmental Protection Authority, Western Australia.
- Government of Western Australia (2011); 2011 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). WA Department of Environment and Conservation, 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.
- Shepherd, D.P. (2007) Adapted from: 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.
- 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)