



**1. Application details**

**1.1. Permit application details**

Permit application No.: 2839/1  
 Permit type: Purpose Permit

**1.2. Proponent details**

Proponent's name: City of Stirling

**1.3. Property details**

Property: SWAN LOCATION 9488  
 SWAN LOCATION 10186  
 Local Government Area: City Of Stirling  
 Colloquial name:

**1.4. Application**

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.0225		Mechanical Removal	Recreation

**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
Karrakatta Complex Central and South: Predominantly open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri) and woodland of Eucalyptus marginata (Jarrah) - Banksia species. Beard Vegetation Type 6: Medium woodland; tuart & jarrah	Site photos indicate that vegetation is Jarrah/ Tuart woodland with Banksia attenuata, Hibbertia hypercooides, Xanthorrhoea preissii, zamia over a shrub and herb layer.	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994)	Condition of vegetation was assessed upon site photos provided by the proponent.

**3. Assessment of application against clearing principles**

**Comments**

The application is for the upgrading of recreational facilities within urban parkland. The application area is composed of six sites totalling 0.0225 ha. The vegetation is considered to be in very good (Keighery, 1994) condition, however, biodiversity levels are expected to be lowered due to disturbance. Given the small size of the individual sites it is unlikely that any factors related to land and water degradation will be impacted.

There are no known Threatened Ecological Communities or Rare Flora nearby and it is unlikely that they will be impacted by the proposed clearing.

Bush Forever Site 202 (Warwick Open Space) is approx 450 m north of the application area. Remnant vegetation within the proposed clearing area is likely to be assisting with genetic diversity within the Bush Forever Site, however, clearing of six small sites is unlikely to affect the facilitation of this cross pollination.

The endangered Graceful Sunmoth (*Synemon gratioiosa*) is known to exist within the nearby Bush Forever site. This species generally favours sandy banksia woodlands, has limited dispersal and has been a focus of DEC surveys in the northern suburbs over the last 3 years. There were no survey results returned for the application area and the limited dispersal indicates that the species is not likely to utilise habitat within the application area.

Considering the above factors it is not likely that the proposed clearing is at variance with any of the clearing principles.

**Methodology** SAC Biodatasets, accessed 27 November 2008  
 DEC, 2008

Keighery, 1994  
GIS Databases:  
- Swan Coastal Plain North 20cm Orthomosaic - Landgate 2006  
- Bushforever

#### 4. Assessor's comments

##### Comment

The application has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the Environmental Protection Act 1986, and the proposed clearing is not likely to be at variance to all principles.

#### 5. References

- DEC (2008) NatureBase - Fauna Species Profile: Graceful Sunmoth . Accessed 27 November 2008  
<http://www.naturebase.net/content/view/full/840/1288/>. Department of Environment and Conservation, Western Australia.
- Government of Western Australia (2000) Bush Forever Volumes 1 and 2. Western Australian Planning Commission, Perth WA.
- 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. Includes subsequent updates for 2006 from Vegetation Extent dataset ANZWA1050000124.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.

#### 6. 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)