



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 4979/1

File Number: 2012/002203-1

Duration of Permit: From 16 November 2012 to 16 November 2014

PERMIT HOLDER

M.I.M Pty Ltd

LAND ON WHICH CLEARING IS TO BE DONE

Lot 754 on Deposited Plan 202759, BALDIVIS

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 0.117 hectares of native vegetation and 25 native trees within the area hatched yellow on attached Plan 4979/1.

CONDITIONS

Nil.

A handwritten signature in black ink that reads "Roxane Shadbolt".

Roxane Shadbolt

A/MANAGER

NATIVE VEGETATION CONSERVATION BRANCH

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

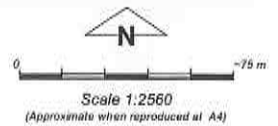
25 October 2012

Plan 4979/1



LEGEND

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> Road Centrelines Cadastre for labelling Freehold Crown Reserve State Forest / Timber Reserve (cont) | <ul style="list-style-type: none"> Marine Park Crown Lease Lease / Reserve Lease on State Forest / Timber Reserve Public Roads Unallocated Crown Land (cont) | <ul style="list-style-type: none"> Water Perth Metropolitan Central 15cm Orthomosaic - Landgate 2011 Clearing Instruments Areas Approved to Clear |
|--|--|---|



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 25/10/12

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.



Department of Environment and Conservation

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1. Application details

1.1. Permit application details

Permit application No.: 4979/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: M.I.M Pty Ltd

1.3. Property details

Property: LOT 754 ON PLAN 202759 (House No. 841 EIGHTY BALDIVIS 6171)
Local Government Area: City of Rockingham
Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.117	25	Mechanical Removal Mechanical Removal	Fence Line Maintenance Hazard reduction or fire control

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 25 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 998 is described as Medium woodland ;tuart (Shepherd et al 2001).	The proposed clearing of 0.117 hectares and 25 trees is for the purpose of replacing a boundary fence and reducing fire hazard.	Degraded; Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	Condition of the vegetation was established through a site visit by Department of Environment and Conservation (DEC) officers on the 11 May 2012.
Hedde vegetation complex Herdsman complex is described as - Sedgeland and fringing woodland of Eucalyptus rudis (Flooded Gum) - Melaleuca species (Hedde et al. 1980).	The areas under application are very open, consisting predominantly of <i>Corymbia calophylla</i> (Marri) trees over grassy weeds in a degraded (Keighery 1994) condition (this includes fence line area along northern boundary). The area in the east of the property is predominantly <i>Banksia attenuata</i> over sparse native shrubs, sedges and <i>Macrozamia</i> sp. and weeds in a good to degraded (Keighery 1994) condition.		

3. Assessment of application against clearing principles

Comments

The proposed clearing of 0.117 hectares and 25 trees is for the purpose of replacing a boundary fence and reducing fire hazard.

The areas under application are very open; consisting predominantly of *Corymbia calophylla* (Marri) trees over grassy weeds in a degraded (Keighery 1994) condition (this includes fence line area along northern boundary). The area in the east of the property is predominantly *Banksia attenuata* over sparse native shrubs, sedges and *Macrozamia* sp. and weeds in a good to degraded (Keighery 1994) condition (DEC 2012).

Carnaby's Cockatoo (*Calyptorhynchus latirostris*) (listed as fauna that is rare or is likely to become extinct under Wildlife Conservation Act 1950 and as endangered under Environmental Protection and Biodiversity Conservation Act 1999) have been recorded in the local area (10 km radius) of the application area. Carnaby's Cockatoo are known to feed on *Banksia* and Marri (Shah 2006) which have been identified within the application area (DEC 2012). One tree with a large hollow was also observed within the application area (DEC 2012). However, given the small size and degraded (Keighery 1994) condition of the proposed clearing, the application area is not likely to contain significant feeding or nesting habitat for threatened fauna species, or other fauna occurring within the local area. The proposed clearing is not likely to be at variance to Principle (b).

There are no declared rare flora species or threatened ecological communities in the vicinity of the project. The

vegetation to be cleared is well represented in the local area, and given the small size and degraded condition, the proposed clearing is not likely to have a detrimental impact on conservation flora, impact on nearby conservation areas or cause or exacerbating land degradation, water quality issues or flooding.

A portion of the area under application is within a 50m buffer of a Conservation Category Wetland (CCW) stake Hill Swamp which is an Environmentally Sensitive Area (ESA). Approximately 12 trees of the proposed clearing occur within the buffer of this wetland. The impacts of clearing on this wetland system are likely to be minimal due to the small size of the proposed clearing.

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

- Methodology**
- References**
- DEC (2012)
 - Keighery (1994)
 - Shah (2006)
- GIS databases:**
- Clearing Regulations - Environmentally Sensitive Areas
 - Hydrography, linear
 - Pre-European vegetation
 - SAC Bio datasets (Accessed 20 April 2012)

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

Comments

The proposed clearing of 0.117 hectares and 25 trees is for the purpose of replacement of boundary fence and reduce fire hazard.

The City of Rockingham (2012) raise environmental concerns with the proposed clearing including clearing within the buffer to Stakehill swamp, and clearing of Black Cockatoo habitat. These concerns have been addressed in the relevant clearing Principles.

Lot 754 is zoned Rural under the Local Town Planning Scheme.

No submissions have been received.

- Methodology**
- References**
- City of Rockingham (2012)

4. References

City of Rockingham (2012) Direct Interest Submission for CPS 4979/1 - Lot 754 Eighty Rd Baldivis - M.I.M Pty Ltd. DEC ref A497864

DEC (2012) Site Inspection Report for Clearing Permit Application CPS 4979/1, Lot 754 on Plan 202759 (Baldivas). Site inspection undertaken 11 May 2012. Department of Environment and Conservation, Western Australia (DEC Ref: A505170).

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.

Heddle, 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.

Shah, B. (2006) Conservation of Carnaby's Black-Cockatoo on the Swan Coastal Plain, Western Australia. December 2006. Carnaby's Black-Cockatoo Recovery Project. Birds Australia, 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)