



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 3461/1

File Number: DEC13813

Duration of Permit: From 17 January 2010 to 17 January 2012

PERMIT HOLDER

City of Cockburn

LAND ON WHICH CLEARING IS TO BE DONE

Road Reserve (Bibra Lake 6163)

AUTHORISED ACTIVITY

Clearing of up to 0.158 hectares of native vegetation within the area cross-hatched yellow on attached Plan 3461/1.

CONDITIONS

Nil.

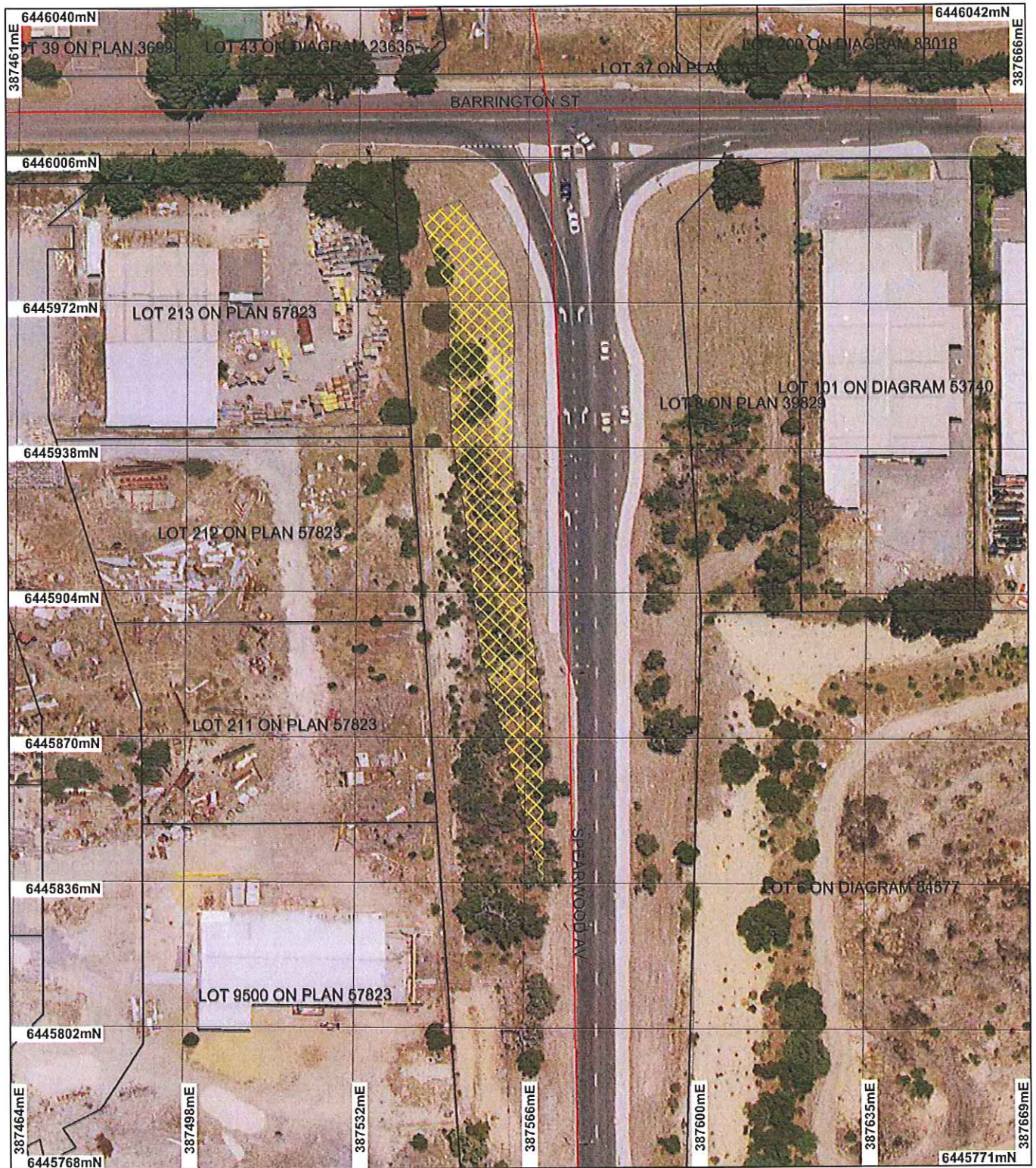
A handwritten signature in black ink, appearing to read "Kelly Faulkner", written over a horizontal line.

Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

17 December 2009

Plan 3461/1



LEGEND

- Road Centrelines
- Cadastre
- Clearing Instruments
- Areas Approved to Clear



0 30 m

Scale 1:1200

(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.

Date 17/12/09

Kelly Faulkner
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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* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.



1. Application details

1.1. Permit application details

Permit application No.: 3461/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Cockburn

1.3. Property details

Property: ROAD RESERVE (BIBRA LAKE 6163)
Local Government Area:
Colloquial name: Spearwood Avenue road reserve

1.4. Application

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

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
Beard Vegetation Association: 6 - Medium woodland; Tuart and Jarrah (Shepherd 2007).	The proposal is to clear 0.158 ha of native vegetation in an isolated pocket surrounded by existing transport networks and residential properties.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Vegetation condition was determined through aerial imagery (Swan Coastal Plain Central 20cm Orthomosaic - Landgate 2006) and a flora survey carried out in spring 2009 by the City of Cockburn (City of Cockburn 2009).
Heddl Vegetation Complex - Karrakatta Complex - Central and South: Open Forest and Woodland (Heddl et al. 1980).	The vegetation under application consists of 33 native species including individuals of Eucalyptus gomphocephala (tuart), E. marginata (jarrah) and Banksia spp. Weeds such as Avena barbata (wild oat), Ehrharta calycina (veldt grass) and Leptospermum laevigatum (Victorian tea tree) are widespread throughout the applied area.		

3. Assessment of application against clearing principles

Comments

The proposal is to clear 0.158 ha of native vegetation in an isolated pocket surrounded by existing transport networks and residential properties.

The vegetation under application consists of 33 native species including individuals of Eucalyptus gomphocephala (tuart), E. marginata (jarrah) and Banksia spp. Weeds such as Avena barbata (wild oat), Ehrharta calycina (veldt grass) and Leptospermum laevigatum (Victorian tea tree) are widespread throughout the applied area, however the vegetation under application appears to be in a 'good' (Keighery 1994) condition. According to the flora survey, there is no sign of conservation significant flora within the area proposed to be cleared. (City of Cockburn 2009)

There are several records of conservation significant fauna within the local area (10 kilometre radius) including Calyptorhynchus latirostris (Carnaby's Black Cockatoo) (Endangered) Calyptorhynchus banksii naso (Forest Red-tailed Black-Cockatoo) (Vulnerable) and Isoodon obesulus fusciventer (Quenda). The nearest record is Isoodon obesulus fusciventer (Quenda) located approximately 1.6 kilometres northeast of the area under application. As the scale of the proposed clearing is small and limited to an isolated pocket within an industrial area, the vegetation under application is not considered as providing quality habitat for native fauna. Due to the small scale, the proposed clearing is not likely to cause significant environmental impacts.

Methodology City of Cockburn (2009)
Keighery (1994)

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

Comments

Under the National Building Program, the Spearwood Avenue - Barrington Street intersection at Bibra Lake has been identified as a 'black spot' that is expected to be realigned to improve road safety (City of Cockburn 2009).

The area under application is zoned 'Road Reserve' for Public Roads.

Methodology City of Cockburn (2009)

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 any of the Clearing Principles.

5. References

City of Cockburn (2009) Spearwood Ave-Barrington Road re-alignment. Flora and fauna report. City of Cockburn, 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.

6. Glossary

Term	Meaning
DEC	Department of Environment and Conservation
EPP	Environmental Protection Policy
GIS	Geographical Information System
ha	Hectare (10,000 square metres)