



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 4972/1
<b>Permit Holder:</b>	Urban Resources Pty Ltd
<b>Duration of Permit:</b>	25 May 2012 – 25 May 2014

The Permit Holder is authorised to clear native vegetation subject to the following conditions of this Permit.

**1. Purpose for which clearing may be done**

Clearing for the purpose of road upgrade and widening.

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

Halden Road reserve, Bullsbrook (PIN 11542548, PIN 11542547 and PIN 1156716)

**3. Area of Clearing**

The Permit Holder shall not clear more than 0.33 hectares of native vegetation within the combined areas shaded yellow on attached Plan 4972/1a, Plan 4972/1b and Plan 4972/1c.

**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.

A handwritten signature in blue ink, appearing to be "K. Faulkner", written over a horizontal line.

Kelly Faulkner  
MANAGER  
NATIVE VEGETATION CONSERVATION BRANCH

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

3 May 2012

# Plan 4972/1a



## LEGEND

- ✓ Road Centrelines
- Perth Metropolitan North  
20cm Orthomosaic - Landgate  
2009
- Clearing Instruments
- Areas Approved to Clear
- Cadastral for labeling



0 ————— 75 m  
 Scale 1:2653  
 (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.

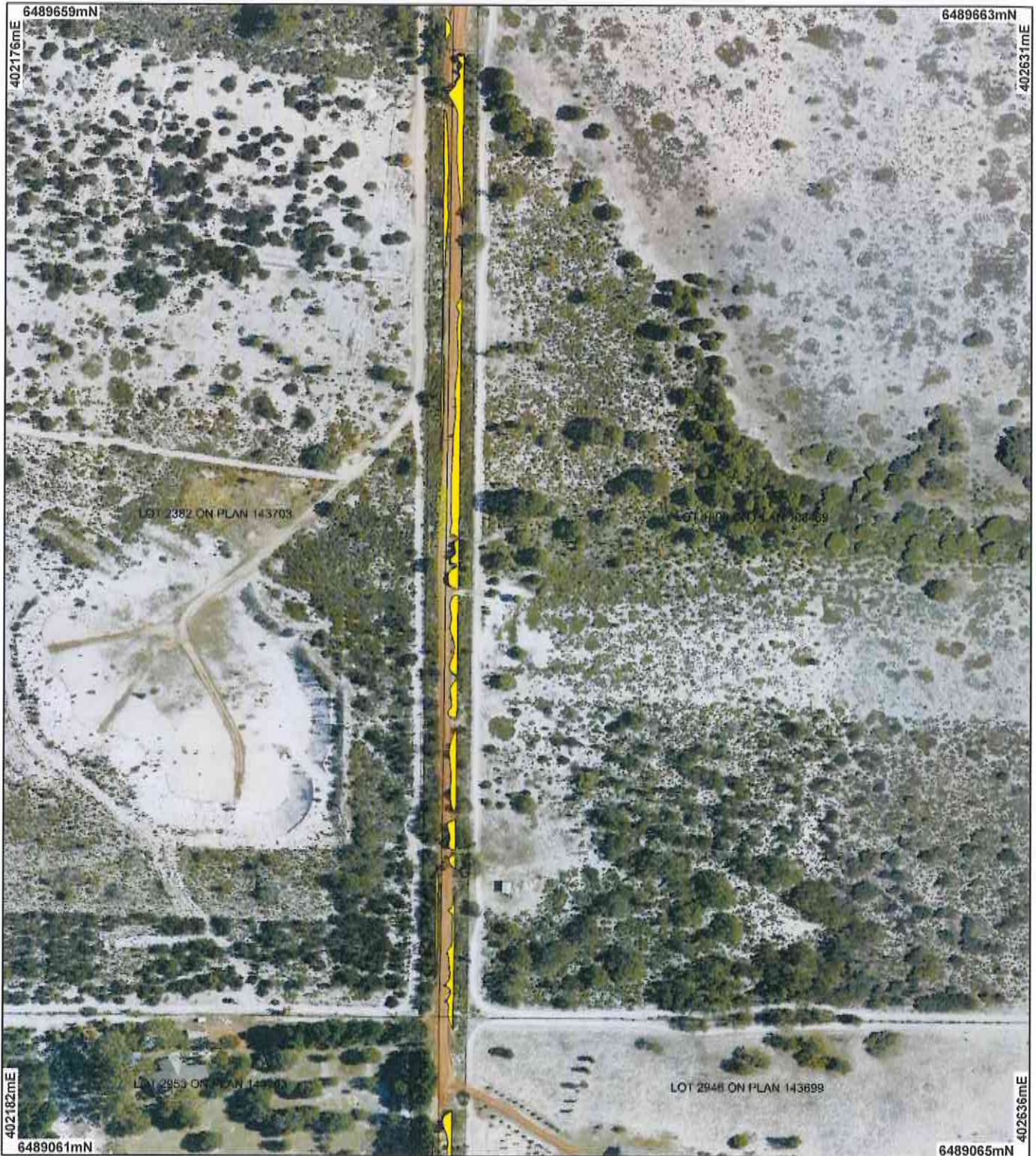
*[Signature]* Date 3/5/08  
 K Faulkner

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.



\* Project Data. This data has not been quality assured. Please contact map author for details.

# Plan 4972/1b



## LEGEND

- ✓ Road Centrelines
- Perth Metropolitan North  
20cm Orthomosaic - Landgate  
2009
- Clearing Instruments
- Areas Approved to Clear
- Cadastral for labelling



0 ————— 75 m

Scale 1:2653  
(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.

*[Signature]* Date 3/5/12  
K 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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# Plan 4972/1c



## LEGEND

-  Road Centrelines
-  Cadastre for labelling
-  Perth Metropolitan North  
20cm Orthomosaic - Landgate  
2009
-  Clearing Instruments
-  Areas Approved to Clear



0 75 m

Scale 1:2653

(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 3/5/08

K 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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## 1. Application details

### 1.1. Permit application details

Permit application No.: 4972/1  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: Urban Resources Pty Ltd

### 1.3. Property details

Property: Halden Road reserve ( BULLSBROOK 6084)  
Local Government Area: City of Swan  
Colloquial name:

### 1.4. Application

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

### 1.5. Decision on application

Decision on Permit Application: Grant  
Decision Date: 3 May 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 949 is described as low woodland; banksia.	The proposal is to clear up to 0.33 hectares of native vegetation within a 1.2km section Halden Road reserve, for the purpose of road upgrade and widening.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	Vegetation description inferred via aerial imagery (Perth Metropolitan North 20cm Orthomosaic - Landgate 2009)
Hedde vegetation complex (43) Bassendean Complex-North is described as Vegetation ranges from a low open forest and low open woodland of Banksia species Eucalyptus todtiana (Pricklybark) to low woodland of Melaleuca species and sedgelands which occupy the moister sites.		To  Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	

## 3. Assessment of application against clearing principles

### Comments

The application to clear up to 0.33 hectares of native vegetation spread over both sides of a 1.2km section of road for the purpose of upgrading and widening is unlikely to have any significant environmental impacts. Much of the existing vegetation will remain with only the necessary amount being taken to allow for the proposed road works. The vegetation is considered to range from being in a good to degraded (Keighery, 1994) condition.

Whilst no priority listed flora or threatened flora species have been recorded within the road reserve, numerous Priority Three and Four listed and several threatened flora species have been recorded within the local area (10km radius). The nearest threatened species, an orchid, was recorded 1.5 km in slightly differing habitat; the nearest priority species is located 2.7km away. Given the distance to the nearest priority/rare flora, the different habitat conditions, degraded to good condition and the small area under application (0.33ha over 1.2km), it is not considered to be significant habitat for flora of conservation significance (or fauna)

The existing road is bisected by two minor, perennial watercourses and a floodplain. Impacts from the small

amount of clearing on these historically impacted water systems are likely to be minimal.

The proposed clearing for road works may cause some short term water quality issues in terms of localised surface water sedimentation and flooding during works. However, these issues should be minimised as road works will include roadside infrastructure to prevent water quality issues and flooding associated with roads (i.e. table drains and culverts).

Given the above, the proposed clearing may be at variance to Principles (f) and (i) and is not likely to be at variance to the remaining clearing Principles

**Methodology**    **References**  
- Keighery (1994)  
- Shepherd (2009)

**GIS datasets**  
- SAC biodata accessed April 2012  
- Hydrography, linear  
- Perth Metropolitan North 20cm-Landgate 2009

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

**Comments**  
No submissions from the public have been received.

Road upgrade and widening is required as a condition of the City of Swan and Western Australian Planning Commission's development approval's for sand mining on Lot 5892 Maralla Road, Bullsbrook.

**Methodology**

#### **4. References**

- 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. (2009) 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.

#### **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)