



## CLEARING PERMIT

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

<b>Purpose Permit number:</b>	CPS 3731/7
<b>Permit Holder:</b>	City of Wanneroo
<b>Duration of Permit:</b>	19 September 2010 – 19 September 2022

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

### PART I – CLEARING AUTHORISED

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

Clearing for the purpose of road upgrades, relocation of a golf tee and hazard reduction.

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

Lot 9000 on Plan 74654, Carramar  
Lot 9000 on Plan 66196, Neerabup  
Lot 80 on Plan 7404, Wanneroo  
Lot 709 on Plan 61957, Hocking  
Lot 708 on Plan 61957, Hocking  
Lot 705 on Plan 73319, Wanneroo  
Lot 601 on Plan 302260, Pinjar  
Lot 590 on Plan 69319, Nowergup  
Lot 56 on Plan 7122, Wanneroo  
Lot 568 on Plan 69324, Darch  
Lot 55 on Plan 7122, Wanneroo  
Lot 54 on Plan 7122, Wanneroo  
Lot 5204 on Plan 162049 (State Forest 65), Nowergup  
Lot 505 on Plan 70535, Pearsall  
Lot 503 on Plan 60468 (Reserve 50009), Pearsall  
Lot 3050 on Plan 202794, Nowergup  
Lot 301 on Plan 66196, Neerabup  
Lot 300 on Plan 71494, Wanneroo  
Lot 300 on Plan 68244, Nowergup  
Lot 300 on Plan 66859, Pearsall  
Lot 300 on Plan 66196, Neerabup  
Lot 26 on Plan 8326, Neerabup  
Lot 2695 on Plan 89691, Nowergup  
Lot 20 on Plan 7122, Wanneroo  
Lot 1 on Diagram 71604, Wanneroo  
Lot 1 on Diagram 44141, Wanneroo  
Lot 19 on Plan 7122, Wanneroo  
Lot 18 on Plan 7122, Wanneroo  
Lot 180 on Plan 15552, Wanneroo  
Lot 179 on Plan 15552, Wanneroo  
Lot 178 on Plan 15552, Wanneroo

## 2. Land on which clearing is to be done - continued

Lot 177 on Plan 15552, Wanneroo  
Lot 176 on Plan 15552, Wanneroo  
Lot 175 on Plan 15552, Wanneroo  
Lot 171 on Plan 15402, Wanneroo  
Lot 170 on Plan 15402, Wanneroo  
Lot 169 on Plan 15402, Wanneroo  
Lot 168 on Plan 15402, Wanneroo  
Lot 154 on Plan 13145, Wanneroo  
Lot 153 on Plan 13145, Wanneroo  
Lot 15391 on Plan 40237, Wanneroo  
Lot 152 on Plan 13145, Wanneroo  
Lot 151 on Plan 13145, Wanneroo  
Lot 130 on Plan 13145, Wanneroo  
Lot 129 on Plan 13145, Wanneroo  
Lot 128 on Plan 13145, Wanneroo  
Lot 127 on Plan 13145, Wanneroo  
Lot 126 on Plan 13145, Wanneroo  
Lot 125 on Plan 13145, Wanneroo  
Lot 124 on Plan 13145, Wanneroo  
Lot 121 on Plan 13145, Wanneroo  
Lot 11 on Diagram 57099, Carramar  
Lot 1174 on Plan 72656, Wanneroo  
Lot 1102 on Plan 72657, Wanneroo  
Lot 1101 on Plan 72657, Wanneroo  
Lot 10945 on Plan 15552, Wanneroo  
Lot 10823 on Plan 187676, Pinjar  
Lot 104 on Plan 15552, Wanneroo  
Lot 103 on Plan 15552, Wanneroo  
Lot 102 on Plan 15552, Wanneroo  
Lot 101 on Plan 15552, Wanneroo  
Lot 10135 on Plan 13145, Wanneroo  
Lot 10130 on Plan 13145, Wanneroo  
Lot 100 on Plan 15552, Wanneroo  
Lot 701 on Plan 70369, Neerabup  
Lot 700 on Plan 71491, Wanneroo  
Lot 700 on Plan 70369, Neerabup  
Crown Reserve 11598, Neerabup  
Bebich Drive road reserve (PIN 11069636), Wanneroo  
Belgrade Road reserve (PIN 11023835), Wanneroo  
Caporn Street road reserve (PIN 11169479 and PIN 11945171), Wanneroo  
Dundebar Road reserve (PIN 11023865), Wanneroo  
East Road reserve (PIN 11751774), Hocking  
Elliot Road reserve (PIN 11751766 and PIN 11751765), Wanneroo  
Evandale Road reserve (PIN 11170064), Darch  
Flynn Drive road reserve (PIN 11926268, PIN 7280, PIN 11926267, PIN 11593806, PIN 11926266, PIN 11782987 and PIN 11402348), Neerabup  
Flynn Drive road reserve (PIN 12001800), Carramar  
Flynn Drive road reserve (PIN 11751051), Banksia Grove  
Franklin Road reserve (PIN 11751756 and PIN 11071334), Jandabup  
Hepburn Avenue road reserve (PIN 11092591, PIN 11155699, PIN 11155701 and PIN 11155700), Darch  
Hepburn Avenue road reserve (PIN 1149423), Marangaroo  
Hepburn Avenue road reserve (PIN 1178774 and PIN 11673650), Madeley  
High Road reserve (PIN 1256965), Wanneroo  
Joondalup Drive road reserve (PIN 1331918 and PIN 11110582), Tapping  
Joondalup Drive road reserve (PIN 1164754), Banksia Grove  
Joondalup Drive road reserve (PIN 11170740 and PIN 11309555), Carramar

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

Lenore Road reserve (PIN 11819022, PIN 11818964, PIN 11705632, PIN 11069647, PIN 11751757, PIN 11069643, PIN 11705039, PIN 11069644, PIN 11909697, PIN 11909706, PIN 11909700, PIN 11777591, PIN 11069634, PIN 11989940, PIN 11977527 and PIN 11979980), Wanneroo

Lenore Road reserve (PIN 11911176, PIN 11754351 and PIN 11842698), Pearsall

Lenore Road reserve (PIN 11505085, PIN 11909703, PIN 11725200 and PIN 11564908), Hocking

Lyndavale Loop road reserve (PIN 11170744), Carramar

Mary Street road reserve (PIN 11751772), Pearsall

Nicholas Road reserve (PIN 11751758), Wanneroo

Nicholas Road reserve (PIN 11751759), Hocking

Old Yanchep Road reserve (PIN 11751045), Neerabup

Old Yanchep Road reserve (PIN 11543914, PIN 11582355 and PIN 11582356), Pinjar

Orchid Road reserve (PIN 11543910), Nowergup

Pinot Loop road reserve (PIN 12068478), Pearsall

Rome Road reserve (PIN 11023833), Wanneroo

Shenton Road reserve (PIN 11751760), Wanneroo

Travertine Vista Road reserve (PIN 11751055 and PIN 12001799), Neerabup

Travertine Vista Road reserve (PIN 11751053), Carramar

Trichet Road reserve (PIN 11071336), Wanneroo

Unnamed road reserve (PIN 11505083), Hocking

Wanneroo Road reserve (PIN 1136623), Neerabup

Wesco Road reserve (PIN 11543917 and PIN 1262259), Nowergup

**3. Area of Clearing**

The Permit Holder must not clear more than 16.1248 hectares of native vegetation and 41 trees/shrubs within the combined areas shaded yellow on attached Plan 3731/7a, Plan 3731/7b, Plan 3731/7c, Plan 3731/7d, Plan 3731/7e, Plan 3731/7f, Plan 3731/7g, Plan 3731/7h, Plan 3731/7i, and Plan 3731/7j.

**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.

**5. Type of clearing authorised**

This Permit authorises the Permit Holder to clear native vegetation for activities to the extent that the Permit Holder has the power to clear native vegetation for those activities under the *Local Government Act 1995* or any other written law.

**6. Compliance with Assessment Sequence and Management Procedures**

Prior to clearing any native vegetation under conditions 1, 2 and 3 of this Permit, the Permit Holder must comply with the Assessment Sequence and the Management Procedures set out in Part II of this Permit.

**PART II – ASSESSMENT SEQUENCE AND MANAGEMENT PROCEDURES**

**7. Avoid, minimise etc clearing**

In determining the amount of native vegetation to be cleared for the authorised purpose of this Permit, the Permit Holder must have regard to the following principles, set out in order of preference:

- (a) avoid the clearing of native vegetation;
- (b) minimise the amount of native vegetation to be cleared; and
- (c) reduce the impact of clearing on any environmental value.

## **8. Weed control**

Prior to 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*:

- (a) clean earth-moving machinery of soil and vegetation prior to entering and leaving the area to be cleared;
- (b) ensure that no *weed*-affected soil, *mulch*, *fill* or other material is brought into the area to be cleared; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared.

## **9. Offset – Site 1 – Conservation**

In relation to the area cross hatched red on attached Plan 3731/7k, the Permit Holder shall provide to the CEO a copy of the management order issued to the Permit Holder for the purpose of “Public Recreation and Conservation”.

## **10. Offset – Site 2 – Conservation**

In relation to the area cross hatched red on attached Plan 3731/7l, the Permit Holder shall:

- (a) prior to 31 December 2018, provide evidence from the Department of Lands that a management order will be issued to the Permit Holder for the purpose of “Public Recreation and Conservation”.
- (b) provide to the CEO a copy of the management order no later than 31 December 2019.

## **11. Offset – Site 3 – Revegetation**

The Permit Holder shall establish and maintain at least 3.1 hectares of native vegetation within the area cross-hatched red on attached Plan 3731/7m in accordance with the following conditions:

- (a) the Permit Holder shall develop completion criteria for that area and submit those criteria to the CEO for the CEO’s approval prior to 30 June 2016;
- (b) the Permit Holder shall implement the completion criteria approved by the CEO; and
- (c) vegetation establishment must commence no later than 30 June 2017.

## **PART III - RECORD KEEPING AND REPORTING**

### **12. Records must be kept**

The Permit Holder must maintain the following records for activities done pursuant to this Permit:

- (a) In relation to the clearing of native vegetation authorised under this Permit:
  - (i) the location where the clearing occurred, recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
  - (ii) the date that the area was cleared; and
  - (iii) the size of the area cleared (in hectares).
- (b) In relation to the offset of areas pursuant to condition 11:
  - (i) the location of any area of offsets recorded using a Global Positioning System (GPS) unit set to Geocentric Datum Australia 1994 (GDA94), expressing the geographical coordinates in Eastings and Northings or decimal degrees;
  - (ii) a description of the offset activities undertaken;
  - (iii) the size of the offset area (in hectares); and
  - (iv) the species composition, structure and density of the area of offsets.

### **13. Reporting**

- (a) The Permit Holder must provide to the CEO, on or before 30 June of each year, a written report of records required under condition 12 of this Permit and activities done by the Permit Holder under this Permit between 1 January and 31 December of the preceding year.
- (b) Prior to 19 June 2022 the permit holder must provide to the CEO a written report of records required under condition 12 of this Permit where these records have not already been provided under condition 13(a) of this Permit.

**Definitions**


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

*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 a declared pest under section 22 of the *Biosecurity and Agriculture Management Act 2007*; or
- (b) published in a Department of Parks and Wildlife Regional Weed Rankings Summary, regardless of ranking; or
- (c) not indigenous to the area concerned.



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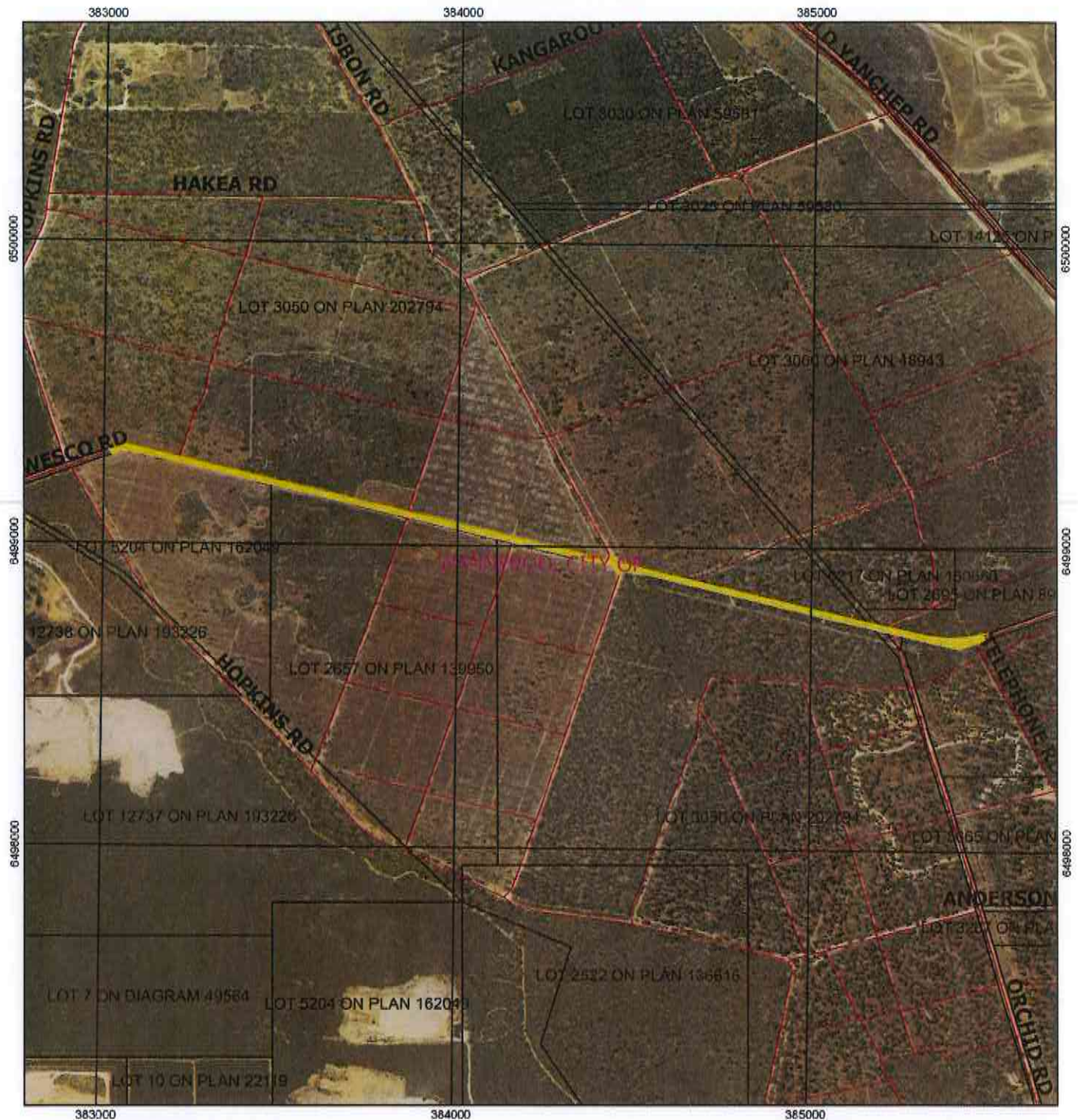
M Warnock  
SENIOR MANAGER  
CLEARING REGULATION

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




3 September 2015

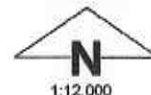


# Plan 3731/7a



## Legend

-  Areas approved to clear
-  Roads
-  LGA
-  Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:12,000

MGA 94  
Geocentric Datum of Australia 1994

*M. Warnock* Date 3/9/15  
M Warnock

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986



GOVERNMENT OF  
WESTERN AUSTRALIA



# Plan 3731/7b



## Legend

- Areas approved to clear
- Roads
- LGA
- Cadastre
- Virtual Mosaic (LGATE-V001)
- ∩



1:7,000

MGA 94  
Geocentric Datum of Australia 1994

*M Warnock* Date: 3/9/15  
M Warnock

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986








GOVERNMENT OF  
WESTERN AUSTRALIA



# Plan 3731/7c



## Legend

-  Areas approved to clear
-  Roads
-  LGA
-  Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:10,000

MGA 94  
Geocentric Datum of Australia 1984

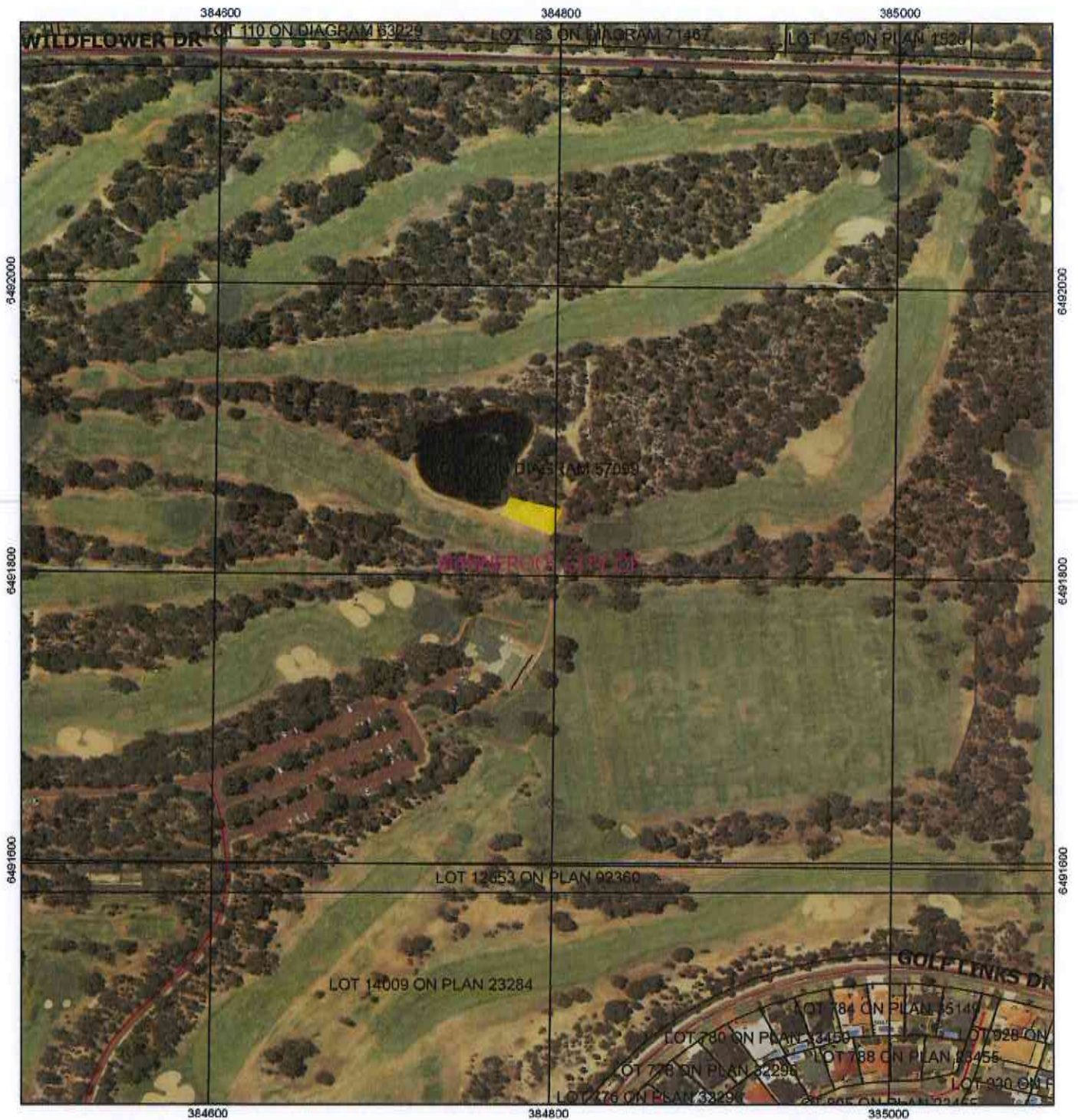
*M Warnock* Date: *3/9/15*  
M Warnock

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










# Plan 3731/7d



## Legend

-  Areas approved to clear
-  Roads
-  LGA
-  Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:2,500

MGA 94  
Geocentric Datum of Australia 1994

*M Warnock* Date: 3/9/15  
M Warnock

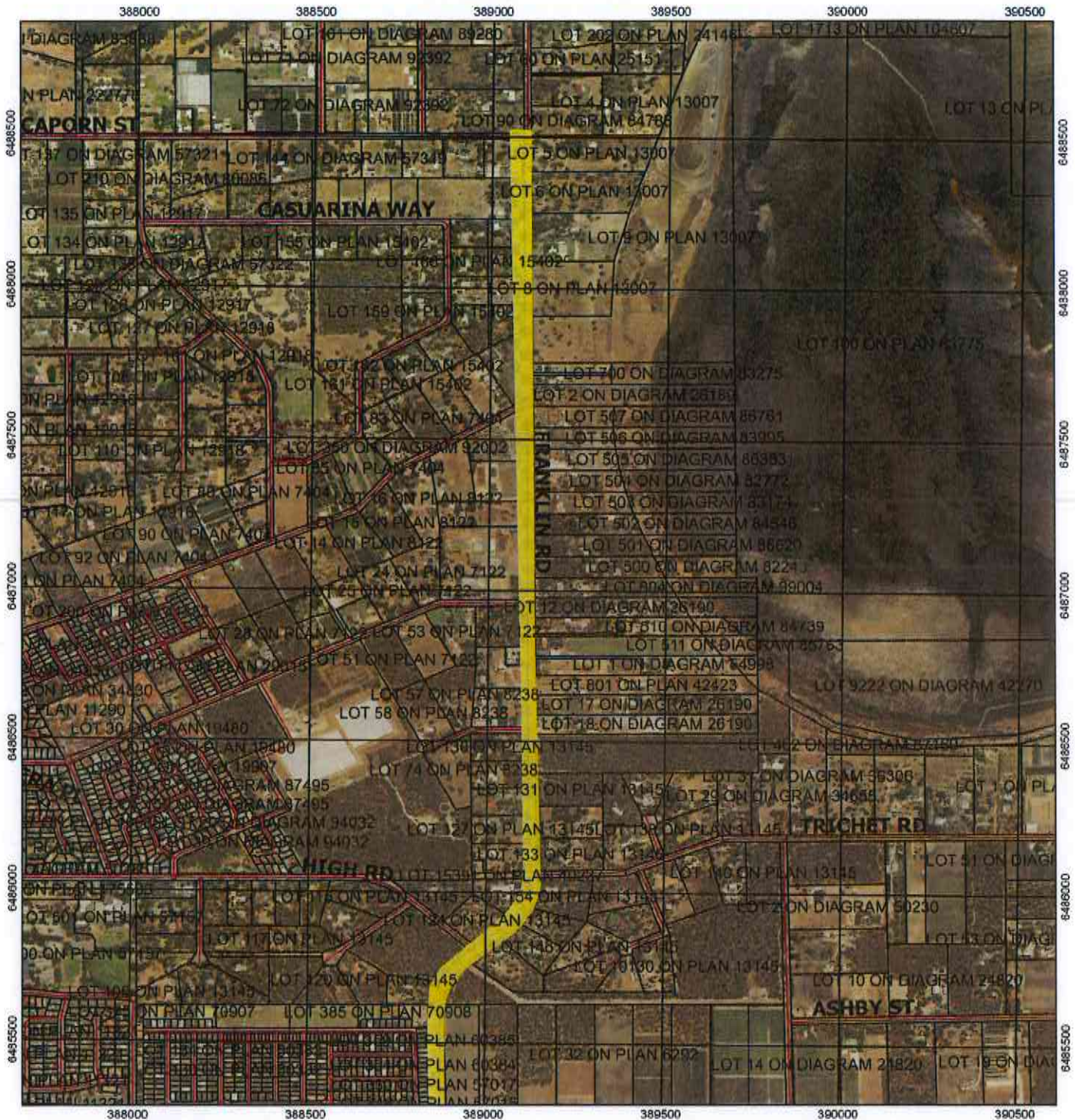
Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986








GOVERNMENT OF  
WESTERN AUSTRALIA



# Plan 3731/7e



## Legend

-  Areas approved to clear
-  Roads
-  LGA
-  Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:12,000

MGA 94  
Geocentric Datum of Australia 1994

*M Warnock* Date 3/9/15  
M Warnock

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986



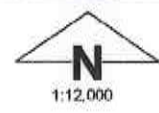


# Plan 3731/7f



## Legend

- Areas approved to clear
- Roads
- LGA
- Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:12,000

MGA 94  
Geocentric Datum of Australia 1994

*M Warnock* Date 3/9/15  
M Warnock

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986



GOVERNMENT OF  
WESTERN AUSTRALIA

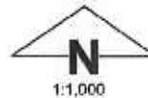


# Plan 3731/7g



## Legend

- Areas approved to clear
- Roads
- LGA
- Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:1,000

MGA 94  
Geocentric Datum of Australia 1994

*M Warnock* Date *3/9/05*  
M Warnock

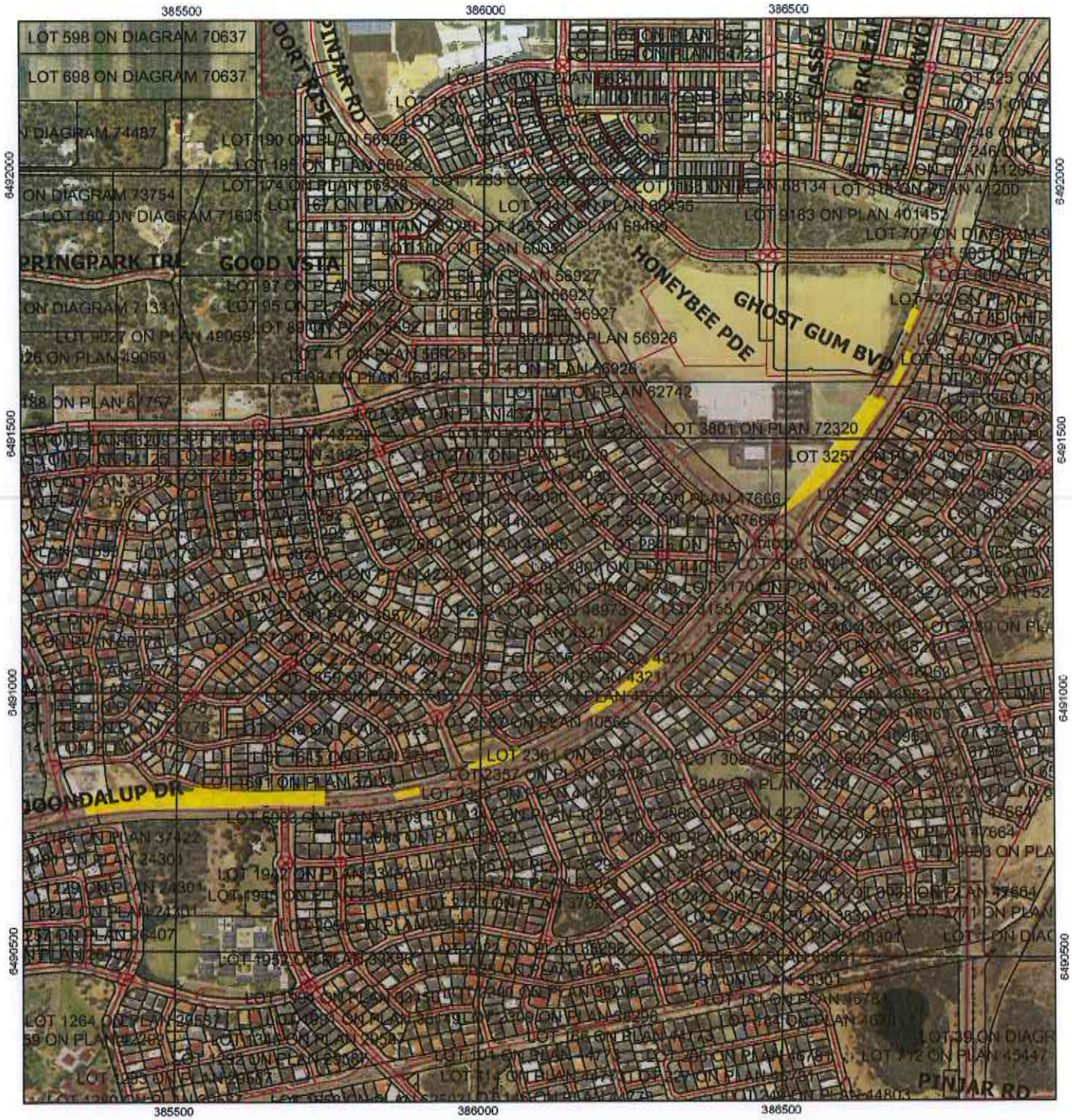
Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986



GOVERNMENT OF  
WESTERN AUSTRALIA



# Plan 3731/7h



## Legend

- Areas approved to clear
  - Roads
  - LGA
  - Cadastre
- Virtual Mosaic (LGATE-V001)
- ~



1:7,000

MGA 94  
Geocentric Datum of Australia 1994

*arrived* Date 3/9/15  
M Wamock

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986





# Plan 3731/7i



## Legend

- Areas approved to clear
- Roads
- LGA
- Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:5,500

MGA 94  
Geocentric Datum of Australia 1994

*M. Wamock* Date 3/9/15  
M Wamock

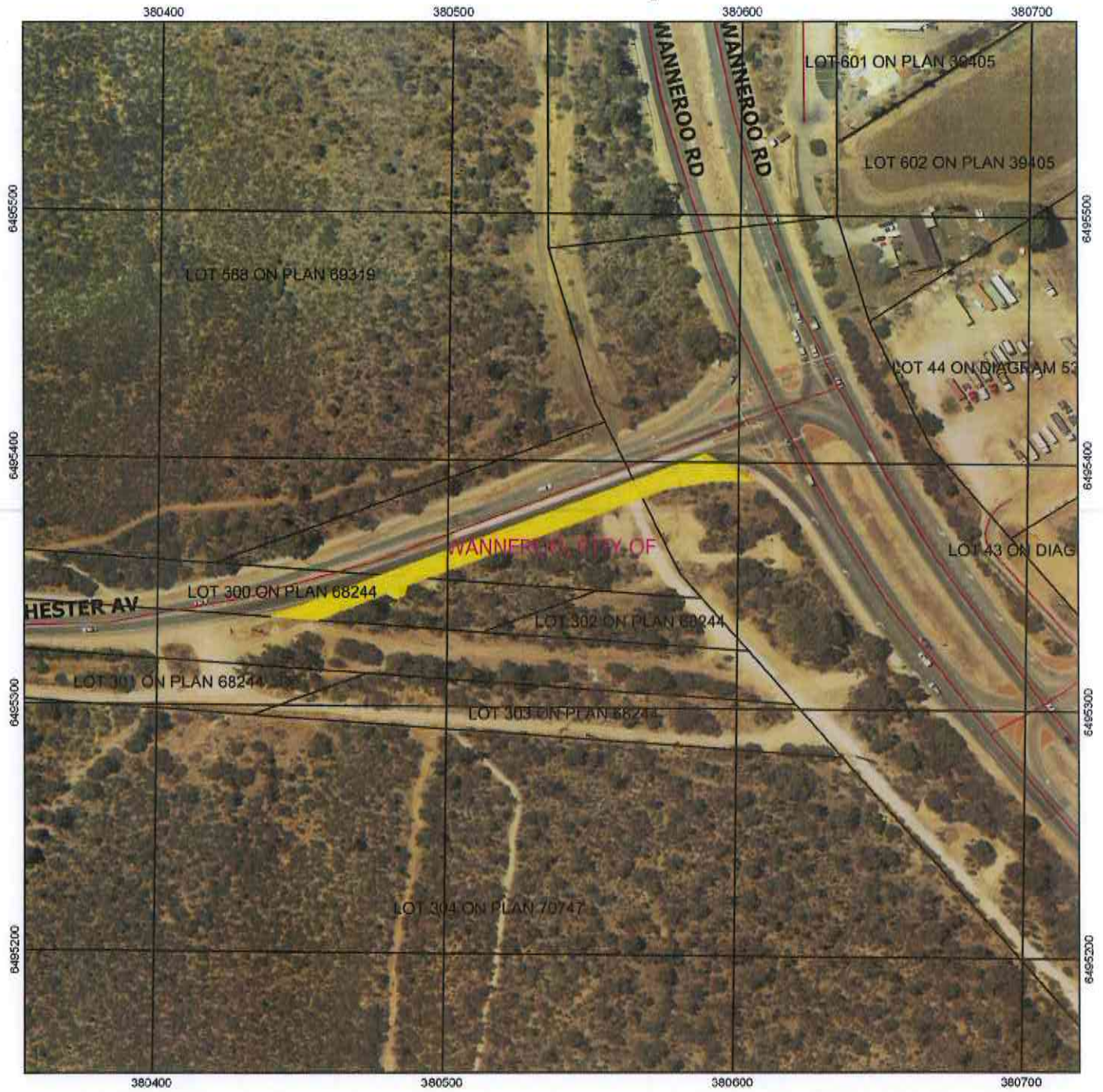
Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986








GOVERNMENT OF  
WESTERN AUSTRALIA

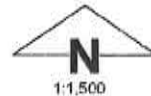


# Plan 3731/7j



## Legend

-  Areas approved to clear
-  Roads
-  LGA
-  Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:1,500

MGA 94  
Geocentric Datum of Australia 1994

*M Warnock* Date *3/9/15*  
M Warnock

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986



GOVERNMENT OF  
WESTERN AUSTRALIA



# Plan 3731/7k



## Legend

- Areas subject to conditions
  - Roads
  - LGA
  - Cadaste
- Virtual Mosaic (LGATE-V001)
- ~



1:2,500

MGA 94

Geocentric Datum of Australia 1994

*M Warnock* Date 3/9/15

M Warnock

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986







GOVERNMENT OF  
WESTERN AUSTRALIA



# Plan 3731/71



### Legend

-  Areas subject to conditions
  -  Roads
  -  LGA
  -  Cadastre
- Virtual Mosaic (LGATE-V001)
- ~



1:2,500

MGA 94  
Geocentric Datum of Australia 1994

*M Warnock* Date 3/9/15  
M Warnock

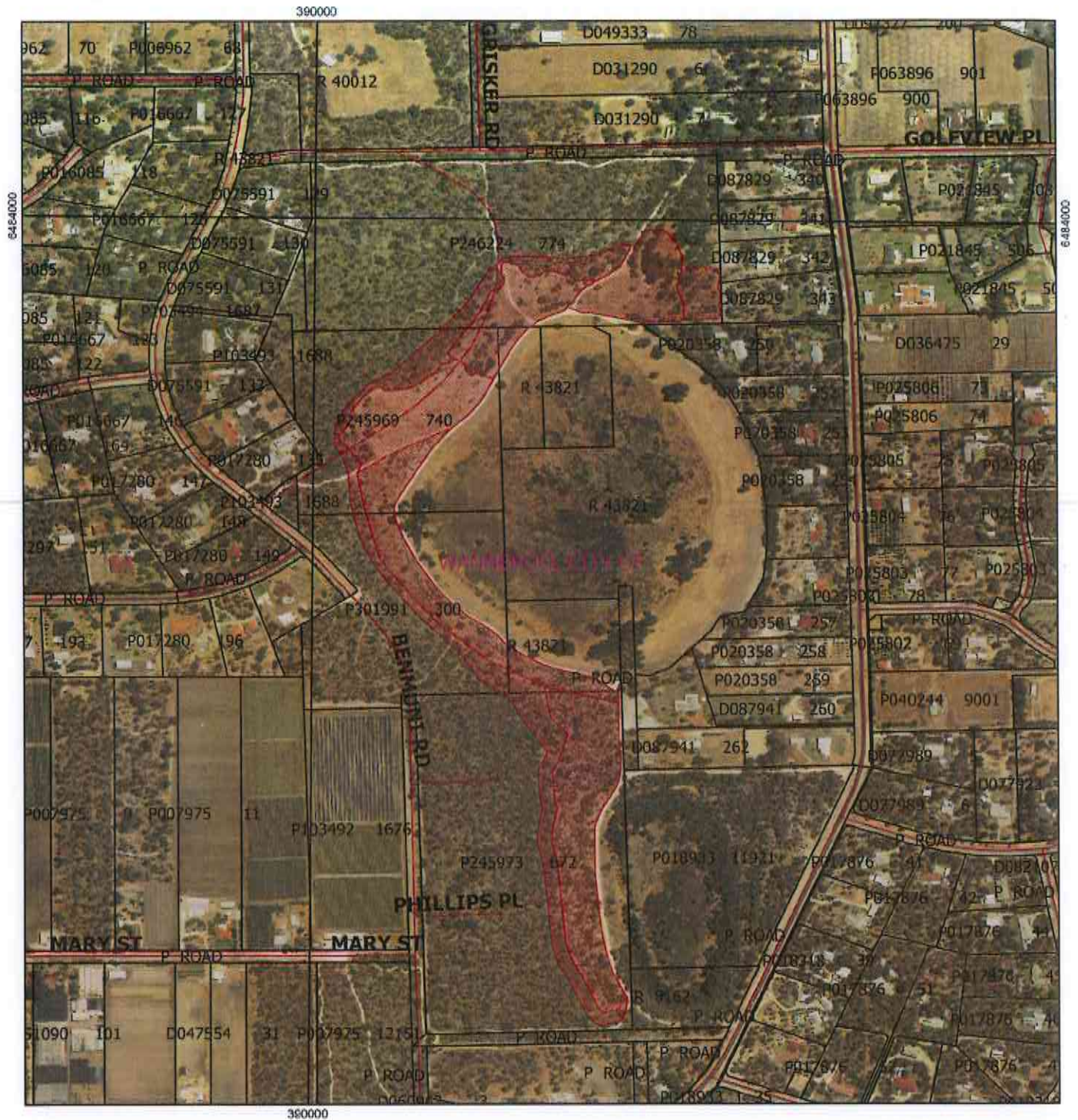
Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986








GOVERNMENT OF  
WESTERN AUSTRALIA



# Plan 3731/7m



## Legend

-  Areas subject to conditions
-  Roads
-  LGA
-  Cadastre
- Virtual Mosaic (LGATE-V001)
- 



1:6,000

MGA 94  
Geocentric Datum of Australia 1994

*M Warnock* Date 3/9/15  
M Warnock

Officer with delegated authority under Section 20  
of the Environmental Protection Act 1986



GOVERNMENT OF  
WESTERN AUSTRALIA





## 1. Application details

### 1.1. Permit application details

Permit application No.: 3731/7  
Permit type: Purpose Permit

### 1.2. Proponent details

Proponent's name: City of Wanneroo

### 1.3. Property details

Property:  
LOT 9000 ON PLAN 74654, CARRAMAR  
LOT 9000 ON PLAN 66196, NEERABUP  
LOT 80 ON PLAN 7404, WANNEROO  
LOT 709 ON PLAN 61957, HOCKING  
LOT 708 ON PLAN 61957, HOCKING  
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LOT 10823 ON PLAN 187676, PINJAR



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LOT 701 ON PLAN 70369, NEERABUP  
LOT 700 ON PLAN 71491, WANNEROO  
LOT 700 ON PLAN 70369, NEERABUP  
CROWN RESERVE 11598, NEERABUP  
FLYNN DRIVE ROAD RESERVE - 11402348, NEERABUP  
WANNEROO ROAD RESERVE - 1136623, NEERABUP  
EVANDALE ROAD RESERVE - 11170064, DARCH  
HEPBURN AVENUE ROAD RESERVE - 1149423, MARANGAROO  
HEPBURN AVENUE ROAD RESERVE - 11155700, DARCH  
HEPBURN AVENUE ROAD RESERVE - 11155701, DARCH  
HEPBURN AVENUE ROAD RESERVE - 11155699, DARCH  
HEPBURN AVENUE ROAD RESERVE - 11092591, DARCH  
FRANKLIN ROAD RESERVE - 11071334, JANDABUP  
TRICHET ROAD RESERVE - 11071336, WANNEROO  
FRANKLIN ROAD RESERVE - 11751756, JANDABUP  
LENORE ROAD RESERVE - 11979980, WANNEROO  
LENORE ROAD RESERVE - 11842698, PEARSALL  
CAPORN STREET ROAD RESERVE - 11945171, WANNEROO  
HEPBURN AVENUE ROAD RESERVE - 11673650, MADELEY  
HEPBURN AVENUE ROAD RESERVE - 1178774, MADELEY  
BEBICH DRIVE ROAD RESERVE - 11069636, WANNEROO  
LENORE ROAD RESERVE - 11977527, WANNEROO  
LENORE ROAD RESERVE - 11989940, WANNEROO  
SHENTON ROAD RESERVE - 11751760, WANNEROO  
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PINOT LOOP ROAD RESERVE - 12068478, PEARSALL  
LENORE ROAD RESERVE - 11564908, HOCKING  
LENORE ROAD RESERVE - 11725200, HOCKING  
LENORE ROAD RESERVE - 11909703, HOCKING  
LENORE ROAD RESERVE - 11505085, HOCKING  
LENORE ROAD RESERVE - 11705039, WANNEROO  
DUNDEBAR ROAD RESERVE - 11023865, WANNEROO  
HIGH ROAD RESERVE - 1256965, WANNEROO  
BELGRADE ROAD RESERVE - 11023835, WANNEROO  
NICHOLAS ROAD RESERVE - 11751759, HOCKING  
ELLIOT ROAD RESERVE - 11751766, WANNEROO  
OLD YANCHEP ROAD RESERVE - 11751045, NEERABUP  
MARY STREET ROAD RESERVE - 11751772, PEARSALL  
CAPORN STREET ROAD RESERVE - 11169479, WANNEROO  
EAST ROAD RESERVE - 11751774, HOCKING  
OLD YANCHEP ROAD RESERVE - 11582356, PINJAR  
JOONDALUP DRIVE ROAD RESERVE - 1164754, BANKSIA GROVE  
OLD YANCHEP ROAD RESERVE - 11582355, PINJAR  
OLD YANCHEP ROAD RESERVE - 11543914, PINJAR  
JOONDALUP DRIVE ROAD RESERVE - 11309555, CARRAMAR  
JOONDALUP DRIVE ROAD RESERVE - 11170740, CARRAMAR  
LYNDAVALE LOOP ROAD RESERVE - 11170744, CARRAMAR  
JOONDALUP DRIVE ROAD RESERVE - 11110582, TAPPING  
WESCO ROAD RESERVE - 1262259, NOWERGUP



ORCHID ROAD RESERVE - 11543910, NOWERGUP  
 JOONDALUP ROAD RESERVE - 1331918, TAPPING  
 FLYNN DRIVE ROAD RESERVE - 11751051, BANKSIA GROVE  
 FLYNN DRIVE ROAD RESERVE - 11782987, NEERABUP  
 FLYNN DRIVE ROAD RESERVE - 11926266, NEERABUP  
 FLYNN DRIVE ROAD RESERVE - 11593806, NEERABUP  
 FLYNN DRIVE ROAD RESERVE - 11926267, NEERABUP  
 FLYNN DRIVE ROAD RESERVE - 12001800, CARRAMAR  
 TRAVERTINE VISTA ROAD RESERVE - 11751053, CARRAMAR  
 TRAVERTINE VISTA ROAD RESERVE - 12001799, NEERABUP  
 TRAVERTINE VISTA ROAD RESERVE - 11751055, NEERABUP  
 FLYNN DRIVE ROAD RESERVE - 7280, NEERABUP  
 FLYNN DRIVE ROAD RESERVE - 11926268, NEERABUP  
 WESCO ROAD RESERVE - 11543917, NOWERGUP  
 CITY OF WANNEROO  
 GREATER SWAN  
 SWAN COASTAL  
 CARRAMAR and PEARSALL and BANKSIA GROVE and NEERABUP and  
 MARANGAROO and WANNEROO and NOWERGUP and TAPPING and MADELEY and  
 JANDABUP and DARCH and HOCKING and PINJAR

**Local Government Authority:**  
**DER Region:**  
**DPaW District:**  
**Localities:**

#### 1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
16.1248	41	Mechanical Removal	Road upgrades, relocation of a golf tee and hazard reduction

#### 1.5. Decision on application

**Decision on Permit Application:** Granted  
**Decision Date:** 3 September 2015

### 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 is described as medium woodland; tuart and jarrah (Shepherd et al 2001).	The amended application is to clear 16.1248 hectares and 41 trees/shrubs within various reserves and properties for the purpose of road upgrades, relocation of a golf tee, and hazard reduction (asbestos removal).	Very Good: Vegetation structure altered; obvious signs of disturbance (Keighery 1994).  To	The vegetation condition was determined through aerial imagery and photos provided by the applicant (City of Wanneroo 2015).
Hedde vegetation complex Karrakatta Central and South is described as 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).		Completely Degraded: Vegetation structure no longer intact; completely/almost completely without native species (Keighery 1994).	The vegetation description and condition as described relates to the additional application area of 0.0948 hectares and 13 native shrubs. For the vegetation description and condition of remaining application areas refer to clearing permit Decision Reports CPS 3731/1, CPS 3731/2, CPS 3731/4 and CPS 3731/6.

### 3. Assessment of application against clearing principles

**Comments** – The City of Wanneroo has applied to amend clearing permit CPS 3731/6 to modify the approved permit area to allow for additional clearing of 0.0948 hectares of native vegetation and 13 native shrubs for road works along Wesco Road and at the intersection of Lenore Road and Nicholas Road. The City has also applied to extend the permit duration by five years.

The additional areas applied for under CPS 3731/7 comprise three main locations:

- Area 1 contains 13 Xanthorrhoea preissii (City of Wanneroo 2015) and is located at the western end of the proposed works on Wesco Road near Hopkins Road (Lot 502 on Plan 71509);
- Area 2 is 0.0944 hectares and is located at the eastern end of the proposed works on Wesco Road near Telephone Road (Lot 505 on Plan 71510); and
- Area 3 is 0.0004 hectares, contains five plants (Acacia saligna, Hakea prostrata, Allocasuarina fraseriana, Xanthorrhoea preissii and Banksia prionotes) (City of Wanneroo 2015) and is located at the intersection of Lenore Road and Nicholas Road (PIN 11909697, 11751758, 11909700, 11564908, 11751759, and 11909703).

Based on the information supplied with the application (City of Wanneroo 2015) and a review of aerial imagery, Areas 1 and 3 are both in completely degraded (Keighery 1994) condition and are not considered to contain significant environmental values.



A flora and fauna assessment (Coffey Environments 2009) was previously commissioned by the City of Wanneroo for the length of Wesco Road between Hopkins Road and Old Yanchep Road to support the original clearing permit application CPS 3731/1. The assessment evaluated a study area equivalent to 30 metres either side of Wesco Road. Area 2 is located within the study area being approximately 10 to 20 metres north of Wesco Road and near the intersection with Telephone Road.

The flora and fauna assessment determined that the vegetation condition in the vicinity of Area 2 ranged from good to very good (Keighery 1994) (Coffey Environments 2009). The vegetation at this location was described as "Low Closed Forest to Low Open Forest of *Eucalyptus marginata*, *Banksia attenuata*, *Banksia menziesii* and *Nuytsia floribunda* to 9m over Shrubland of *Xanthorrhoea preissii*, *Macrozamia riedlei* and *Stirlingia latifolia* to 1.3m over Low Shrubland *Hibbertia hypericoides*, *Gompholobium tomentosum*, *Xanthorrhoea gracilis*, *Bossiaea eriocarpa* and *Hypocalymma robustum* to 0.8m" (Coffey Environments 2009). A Floristic Community Type (FCT) analysis (Gibson et al 1994) determined that the vegetation type most closely resembled FCTs 28 and 21a (Coffey Environments 2009). Neither of these FCTs are listed by the WA Department of Parks and Wildlife or under the Environment Protection and Biodiversity Conservation Act 1999 as Threatened or Priority Ecological Communities.

The flora and fauna assessment did not identify any conservation significant flora within the study area (Coffey Environments 2009). The proposed clearing of Area 2 is not considered likely to result in significant impacts to conservation significant flora.

The proposed clearing of Area 2 is not considered likely to result in significant impacts to fauna habitat, significant remnant vegetation, watercourses, wetlands or surface and groundwater quality given the size and location of clearing. The proposed clearing of Area 2 is also not considered likely to cause appreciable land degradation or cause or exacerbate the incidence or intensity of flooding.

Area 2 is located within Bush Forever site 293 and adjoins the Gnangara-Moore River State Forest. Therefore the proposed clearing may result in impacts to conservation areas. However, it is considered that such impacts can be appropriately addressed through existing weed management permit conditions.

The original assessment of the application (CPS 3731/1) determined that the proposed clearing was at variance to principles (a), (b), (f) and (h), may be at variance to principles (c) and (g), and was not likely to be at variance to the remaining principles. Given the assessment of the additional application areas outlined above, the assessment against the clearing principles has not changed.

## Methodology

### References

- City of Wanneroo (2015)
- Coffey Environments (2009)
- Gibson et al (1994)
- Keighery (1994)



## Planning instruments and other relevant matters.

### Comments

A number of amendments to CPS 3731 have previously been made and a summary of the permit history is as follows:

- On 19 August 2010 CPS 3731/1 was granted for the clearing of 14.09 hectares of native vegetation including:
  - o 0.4 hectares of native vegetation in degraded to very good (Keighery 1994) condition for road works at Wesco Road;
  - o 3 hectares of native vegetation in degraded to pristine (Keighery 1994) condition for road works at Old Yanchep Road;
  - o 6.6 hectares of native vegetation in degraded to very good (Keighery 1994) condition for road works at Flynn Drive;
  - o 4 hectares of native vegetation in completely degraded to excellent (Keighery 1994) condition for road works at Lenore Road/Franklin Road;
  - o 0.05 hectares of native vegetation in degraded (Keighery 1994) condition for road works at Evandale Road; and
  - o 0.04 hectares of native vegetation in degraded (Keighery 1994) condition for relocation of a golf tee at Carramar Golf Club.
- On 16 December 2010 CPS 3731/2 was granted for the clearing of an additional 22 trees/shrubs and 0.68 hectares of native vegetation in degraded (Keighery 1994) condition for road works at Joondalup Drive and Lyndavale Loop.
- On 14 September 2011 an application to amend CPS 3731/2 was declined (CPS 3731/3) as the location of additional clearing proposed was not supplied.
- On 1 December 2011 CPS 3731/4 was granted for the clearing of an additional 1.072 hectares of native vegetation and 6 trees/shrubs including:
  - o 0.03 hectares of native vegetation in degraded (Keighery 1994) condition for road works at Wesco Road;
  - o 0.1 hectares of native vegetation in good (Keighery 1994) condition for road works at Flynn Drive;
  - o 0.8 hectares of native vegetation in degraded (Keighery 1994) condition for road works at Lenore Road/Franklin Road;
  - o 0.03 hectares of native vegetation in degraded (Keighery 1994) condition for road works at Evandale Road;
  - o 0.07 hectares of native vegetation in good (Keighery 1994) condition for road works at Hester Avenue; and
  - o 6 trees/shrubs and 0.042 hectares of native vegetation in degraded to excellent (Keighery 1994) condition for road works at Hepburn Avenue.
- On 9 February 2012 an administrative amendment was made to correct the properties listed on the permit (CPS 3731/5).
- On 21 February 2013 CPS 3731/6 was granted for the clearing of an additional 0.2 hectares of native vegetation in degraded (Keighery 1994) condition for asbestos removal works.

CPS 3731/1 included an offset condition (condition 10) which required the City of Wanneroo to submit an offset proposal for approval prior to clearing. The offset was required due to impacts to the following:

- Priority Ecological Communities;
- Vegetation in good (Keighery 1994) condition or better that provides significant habitat for fauna including foraging habitat for Carnaby's cockatoo;
- Vegetation growing in association with conservation and resource enhancement category wetlands; and
- Bush Forever sites.

On 4 November 2010, an offset proposal was approved under condition 10 of CPS 3731/1 that included:

- Conservation of approximately 41 hectares of remnant vegetation and wetland, and revegetation of approximately 15 hectares of degraded land, at Lake Badgerup; and
- Conservation of two parcels of land totalling approximately nine hectares at Banksia Grove.

The approved offset proposal also addressed the requirements of offset conditions 8, 9 and 9 of the City of Wanneroo's clearing permits CPS 1964/2, CPS 2184/3 and CPS 2963/1 respectively. The offset was approved on the basis of a 2:1 offset/clearing ratio and a breakdown of the offset allocation for each permit is provided in the table below.

Permit	Clearing Location	Area of Residual Impact (ha)	Offset Size (ha)	Offset Type	Offset Location
CPS 3731/1	Wesco Road	0.077	0.154	Conservation	Banksia Grove
CPS 3731/1	Old Yanchep Road	0.6	1.2	Conservation	Banksia Grove
CPS 3731/1	Flynn Drive	3.65	7.3	Conservation	Banksia Grove
CPS 3731/1	Franklin Road	1.55	3.1	Revegetation	Lake Badgerup
CPS 1964/2	Ocean Reef Road	4.2	8.4	Revegetation	Lake Badgerup
CPS 2184/3	Brazier Road	1.188	2.37	Revegetation	Lake Badgerup
CPS 2963/1	Ocean Reef Road	1	2	Revegetation	Lake Badgerup
	TOTALS	12.265	24.524		



The approved offset proposal was amended on 30 November 2010 with the amendments relating to the manner in which the offset sites would be secured and managed for conservation.

No additional offsets were required for amendments CPS 3731/2, CPS 3731/4 or CPS 3731/6.

A review of the implementation status of the approved offset proposal has been undertaken. The City of Wanneroo has advised that a total of 10.821 hectares of revegetation at Lake Badgerup has been undertaken to date with a remaining area of approximately 4.3 hectares yet to be completed (City of Wanneroo 2015a). A management order has been issued to the City of Wanneroo for approximately 56 hectares at Lake Badgerup (Crown Reserve 43821) for the purpose of 'conservation', 'public recreation' and 'recreation'. A management order has also been issued to the City of Wanneroo for approximately 7.8 hectares of remnant vegetation at Banksia Grove (Lot 8027 on Plan 68523 - Crown Reserve 51098) for the purpose of 'conservation' and 'public recreation'. A management order has yet to be issued to the City of Wanneroo for an additional 1.2 hectares of remnant vegetation at Banksia Grove.

The review has identified that the locations of revegetation at Lake Badgerup, and of the 1.2 hectare land parcel at Banksia Grove, have been subject to minor changes since the original offset assessment. Given these changes, an assessment of the suitability of each amended offset location has been undertaken. The assessment identified that the suitability/environmental values of each amended location are consistent with the suitability/environmental values of the original assessed locations. However, amendments are required to the revegetation completion criteria for Lake Badgerup. The offset condition on the permit has been amended to accurately reflect current offset requirements.

No public submissions were received in relation to the application.

**Methodology**    **References**  
- City of Wanneroo (2015a)

#### **4. References**

- City of Wanneroo (2015) Application to Amend CPS 3731/6 and Supporting documentation - City of Wanneroo (DER Ref A894425).
- City of Wanneroo (2015a) Additional information provided by the City of Wanneroo dated 14 July 2015 (DER Ref A935984).
- Coffey Environments Pty Ltd (2009) Flora and Fauna Assessment, Wesco Road, Nowergup, Coffey Environments Pty Ltd (DER Ref A302317).
- Gibson, N., Keighery, B., Keighery, G., Burbidge and Lyons, M., (1994) A Floristic Survey of the Southern Swan Coastal Plain, Department of Conservation and Land Management and Conservation Council, Unpublished.
- 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., Beeston, G.R., and Hopkins, A.J.M. (2001), Native Vegetation in Western Australia. Technical Report 249. Department of Agriculture Western Australia, South Perth.