



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3731/6
Permit Holder:	City of Wanneroo
Duration of Permit:	19 September 2010 – 19 September 2015

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

Wesco Road Reserve (Nowergup 6032)
Wanneroo Road Reserve (Neerabup 6031)
Flynn Road Reserve (Neerabup 6031)
Flynn Road Reserve (Carramar 6031)
Old Yanchep (Pinjar Road) Road Reserve (Pinjar 6078)
Old Yanchep (Pinjar Road) Road Reserve (Neerabup 6031)
Evandale Road Reserve (Darch 6065)
Road Reserve (Wanneroo 6065) Pin 11842698
Lenore Road Reserve (Pearsall 6065)
Lenore Road Reserve (Wanneroo 6065)
Franklin Road Reserve (Wanneroo 6065)
Franklin Road Reserve (Jandabup 6077)
Joondalup Drive Road Reserve (Carramar 6031)
Joondalup Drive Road Reserve (Banksia Grove 6031)
Joondalup Drive Road Reserve (Tapping 6065)
Lyndavale Loop Road Reserve (Carramar 6031)
Hepburn Avenue Road Reserve (Madeley 6065)
Hepburn Avenue Road Reserve (Darch 6065)
Hepburn Avenue Road Reserve (Marangaroo 6064)
Hester Avenue Road Reserve (Neerabup 6031)
Mary Street Road Reserve (Pearsall 6065)
Bebich Road Reserve (Wanneroo 6065)
Shenton Road Reserve (Wanneroo 6065)
Nicholas Road Reserve (Wanneroo 6065)
Elliot Road Reserve (Wanneroo 6065)
Lot 10142 on Plan 1843 (Landsdale Road, Darch 6065)
Lot 51 on Plan 51092 (Mary Street Pearsall 6066)
Lot 22 on Plan 14380 (Ocean Reef Road Wanneroo 6065)
Lot 300 on Plan 68244 (Hester Avenue Nowergup 6032)
Lot 10987 on Plan 219820 (Hester Avenue Nowergup 6032)
Lot 3050 on Plan 202794 (Old Yanchep Road Nowergup 6032)
Lot 11 on Diagram 57099 (Tranquil Drive Carramar 6031)

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

Lot 800 on Plan 44847 (Wanneroo Road Neerabup 6031)
Lot 700 on Plan 70369 (Flynn Drive Neerabup 6031)
Lot 701 on Plan 70369 (Flynn Drive Neerabup 6031)
Lot 114 on Diagram 63021 (Flynn Drive Neerabup 6031)
Lot 1 on Diagram 46611 (Flynn Drive Carramar 6031)
Lot 9000 on Plan 66196 (Flynn Drive Neerabup 6031)
Lot 9002 on Plan 63666 (Flynn Drive Neerabup 6031)
Lot 21 on Plan 13583 (Flynn Drive Neerabup 6031)
Lot 105 on Plan 231081 (Flynn Drive Neerabup 6031)
Lot 301 on Plan 66196 (Flynn Drive Neerabup 6031)
Lot 300 on Plan 66196 (Flynn Drive Neerabup 6031)
Lot 26 on Plan 8326 (Wanneroo Road Neerabup 6031)
Lot 601 on Plan 302260 (Old Yanchep Road Pinjar 6078)
Lot 10823 on Plan 187676 (Old Yanchep Road Pinjar 6078)
Crown Reserve 11598 (Pederick Road Neerabup 6031)
Lot 47 on Diagram 42801 (Kemp Street Pearsall 6065)
Lot 10945 on Plan 1552 (Mccall Place Wanneroo 6065)
Lot 3 on Plan 7975 (Mary Street Wanneroo 6065)
Lot 503 on Plan 60468 (Lenore Road Wanneroo 6065)
Lot 504 on Plan 60468 (Lenore Road Wanneroo 6065)
Lot 46 on Diagram 42801 (Kemp Street Pearsall 6065)
Lot 4 on Diagram 16505 (East Road Pearsall 6065)
Lot 77 on Plan 6962 (Lenore Road Hocking 6065)
Lot 76 on Plan 6962 (Lenore Road Wanneroo 6065)
Lot 709 on Plan 61957 (Lenore Road, Wanneroo 6065)
Lot 708 on Plan 61957 (Lenore Road Wanneroo 6065)
Lot 174 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 175 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 176 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 177 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 178 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 179 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 180 on Plan 15552 (Bebich Drive Wanneroo 6065)
Lot 104 on Plan 15552 (Bebich Drive Wanneroo 6065)
Lot 103 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 102 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 101 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 100 on Plan 15552 (Lenore Road Wanneroo 6065)
Lot 59 on Plan 6962 (Nicholas Road Wanneroo 6065)
Lot 1 on Diagram 22835 (Elliot Road Wanneroo 6065)
Lot 28 on Plan 6292 (Elliot Road Wanneroo 6065)
Lot 121 on Plan 13145 (Lenore Road Wanneroo 6065)
Crown Reserve 36860 (Benmuni Road Wanneroo 6065)
Crown Reserve 36878 (Chicquita Place Wanneroo 6065)
Lot 151 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 124 on Plan 13145 (High Road Wanneroo 6065)
Lot 152 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 153 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 154 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 125 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 126 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 127 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 128 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 129 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 130 on Plan 13145 (Franklin Road Wanneroo 6065)
Lot 56 on Plan 7122 (Rome Road Wanneroo 6065)
Lot 55 on Plan 7122 (Franklin Road Wanneroo 6065)

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

Lot 54 on Plan 7122 (Begrade Road Wanneroo 6065)
Lot 1 on Diagram 71604 (Begrade Road Wanneroo 6065)
Lot 20 on Plan 7122 (Franklin Road Wanneroo 6065)
Lot 19 on Plan 7122 (Franklin Road Wanneroo 6065)
Lot 18 on Plan 7122 (Dundebar Road Wanneroo 6065)
Lot 80 on Plan 7404 (Franklin Road Wanneroo 6065)
Lot 171 on Plan 15402 (Franklin Road Wanneroo 6065)
Lot 170 on Plan 15402 (Franklin Road Wanneroo 6065)
Lot 169 on Plan 15402 (Franklin Road Wanneroo 6065)
Lot 168 on Plan 15402 (Franklin Road Wanneroo 6065)
Lot 3 on Diagram 43853 (Franklin Road Wanneroo 6065)
Lot 148 on Diagram 57319 (Franklin Road Wanneroo 6065)
Lot 1 on Diagram 44141 (Franklin Road Wanneroo 6065)
Lot 1101 on Plan 72657 (Mary Road, Wanneroo 6065)
Crown Reserve 26145 (Franklin Road Jandabup 6077)

3. Area of Clearing

The Permit Holder must not clear more than 16.03 hectares of native vegetation and 28 trees/shrubs within the combined areas shaded yellow on attached Plan 3731/6a, Plan 3731/6b, Plan 3731/6c, Plan 3731/6d, Plan 3731/6e, Plan 3731/6f, Plan 3731/6g, Plan 3731/6h, Plan 3731/6i, Plan 3731/6j and Plan 3731/6k.

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. Offsets

If part or all of the clearing to be done is or may be at variance with one or more of the clearing principles, then the Permit Holder must implement an *offset* in accordance with conditions 9(a) and 9(b) of this Permit with respect to that clearing.

(a) Determination of *offsets*:

- (i) in determining the *offset* to be implemented with respect to a particular area of native vegetation proposed to be cleared under this Permit, the Permit Holder must have regard to the *offset* principles contained in condition 9(b) of this Permit;
- (ii) once the Permit Holder has developed an *offset proposal*, the Permit Holder must provide that *offset proposal* to the CEO for the CEO's approval prior to undertaking any clearing to which the *offset* relates, and prior to implementing the *offset*;
- (iii) clearing may not commence until and unless the CEO has approved the *offset proposal* to which the clearing relates;
- (iv) the Permit Holder shall implement the *offset proposal* approved under condition 9(a)(iii); and
- (v) each *offset proposal* shall include a *direct offset*, timing for implementation of the *offset proposal* and may additionally include *contributing offsets*.

(b) For the purpose of this condition, the *offset* principles are as follows:

- (i) *direct offsets* should directly counterbalance the loss of the native vegetation;
- (ii) *contributing offsets* should complement and enhance the *direct offset*;
- (iii) *offsets* are implemented only once all avenues to avoid, minimise, rectify or reduce environmental impacts have been exhausted;
- (iv) the environmental values, habitat, species, *ecological community*, physical area, ecosystem, landscape, and hydrology of the *offset* should be the same as, or better than, that of the area of native vegetation being *offset*;
- (v) a ratio greater than 1:1 should be applied to the size of the area of native vegetation that is *offset* to compensate for the risk that the *offset* may fail;
- (vi) *offsets* must entail a robust and consistent assessment process;
- (vii) in determining an appropriate *offset*, consideration should be given to ecosystem function, rarity and type of *ecological community*, vegetation *condition*, habitat quality and area of native vegetation cleared;
- (viii) the *offset* should either result in no net loss of native vegetation, or lead to a net gain in native vegetation and improve the *condition* of the natural environment;
- (ix) *offsets* must satisfy all statutory requirements;
- (x) *offsets* must be clearly defined, documented and audited;
- (xi) *offsets* must ensure a long-term (10-30 year) benefit; and
- (xii) an *environmental specialist* must be involved in the design, assessment and monitoring of *offsets*.

PART III - RECORD KEEPING AND REPORTING

10. 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 species composition, structure and density of the cleared area;
- (ii) 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;
- (iii) the date that the area was cleared; and
- (iv) the size of the area cleared (in hectares).

(b) In relation to the *offset* of areas pursuant to condition 9:

- (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;
- (ii) a description of the *offset* activities undertaken; and
- (iii) the size of the *offset* area (in hectares).

11. 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 10 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 2015 the permit holder must provide to the CEO a written report of records required under condition 10 of this Permit where these records have not already been provided under condition 11(a) of this Permit.

Definitions

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

condition means the rating given to native vegetation using the *Keighery scale* and refers to the degree of change in the structure, density and species present in the particular vegetation in comparison to undisturbed vegetation of the same type;

contributing offset/s has the same meaning as is given to that term in the Environmental Protection Authority's *Position Statement No.9: Environmental Offsets*, January 2006;

direct offset/s has the same meaning as is given to that term in the Environmental Protection Authority's *Position Statement No.9: Environmental Offsets*, January 2006;

ecological community/ies means a naturally occurring biological assemblage that occurs in a particular type of habitat (English and Blythe, 1997; 1999);

environmental specialist means a person who is engaged by the Permit Holder for the purpose of providing environmental advice, who holds a tertiary qualification in environmental science or equivalent, and has experience relevant to the type of environmental advice that an environmental specialist is required to provide under this Permit;

fill means material used to increase the ground level, or fill a hollow;

Keighery scale means the vegetation condition scale described in *Bushland Plant Survey: A Guide to Plant Community Survey for the Community (1994)* as developed by B.J. Keighery and published by the Wildflower Society of WA (Inc). Nedlands, Western Australia;

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;

offset/s means an offset required to be implemented under condition 9 of this Permit; and

offset proposal means an *offset* determined by the Permit Holder in accordance with condition 9 of this Permit; and

weed/s means any plant -

- (a) that is declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*;
or
- (b) published in the Department of Environment and Conservation Regional Weed Assessments, regardless of ranking; or
- (c) not indigenous to the area concerned.

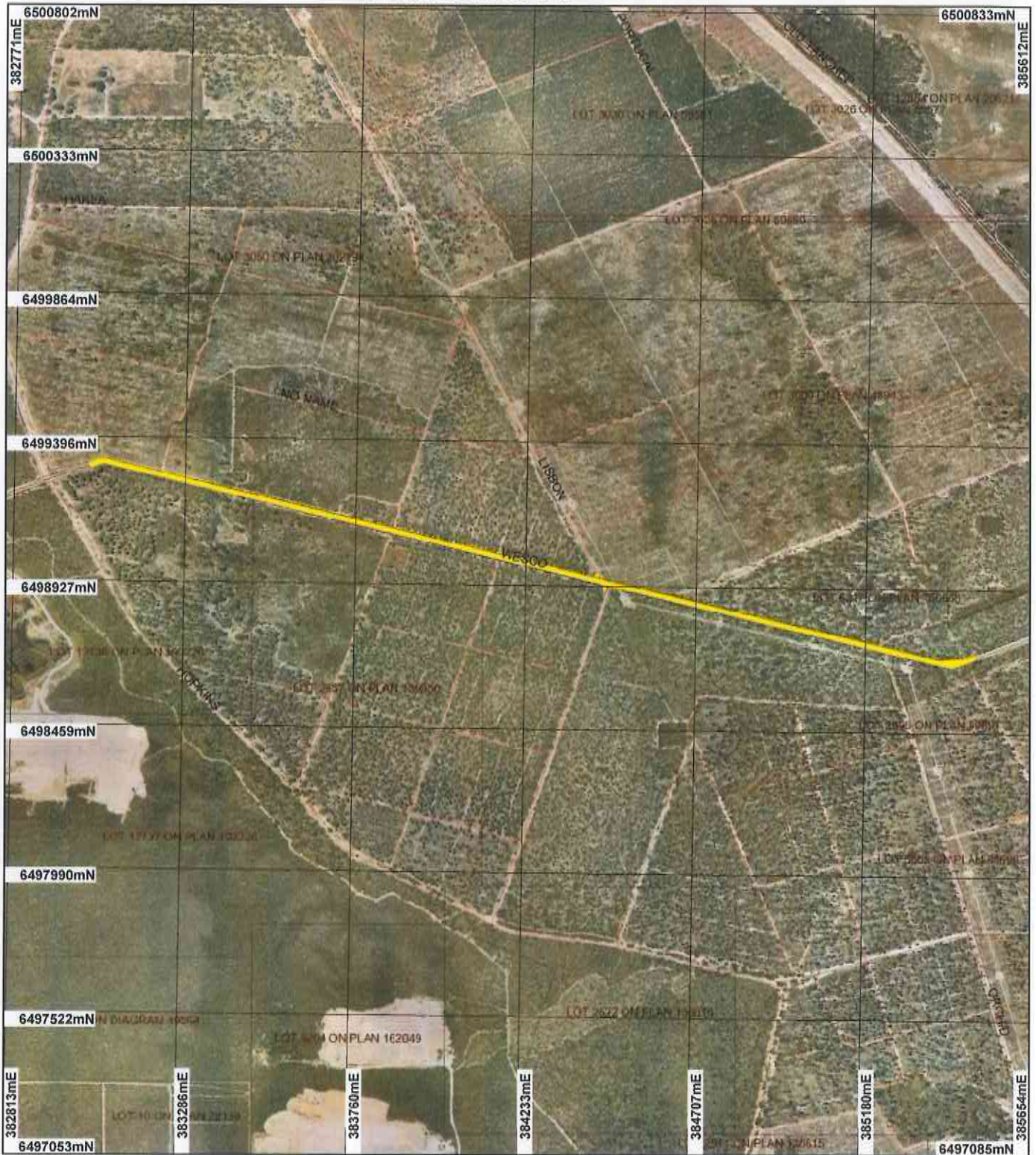


M Warnock
A/MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

21 February 2013

Plan 3731/6a



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 Clearing Instruments Areas Approved to Clear <p>Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009</p> |
|--|--|---|



Scale 1:16606
(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.

M Warnock Date 21/2/13
M Warnock

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

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Plan 3731/6b



LEGEND

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

Swan Coastal Plain North
26cm Orthomosaic - Landgate
2009



Scale 1:10000
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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M Warnock Date 21/3/13

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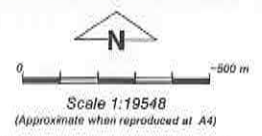
* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.

Plan 3731/6c



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 Clearing Instruments Areas Approved to Clear <p>Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009</p> |
|--|--|---|



Geocentric Datum Australia 1994
 Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.

M Warnock Date 21/2/18
 M Warnock

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Plan 3731/6d



LEGEND

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

Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009



0 ————— 100 m

Scale 1:4000
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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M Warnock Date 21/2/13

M Warnock

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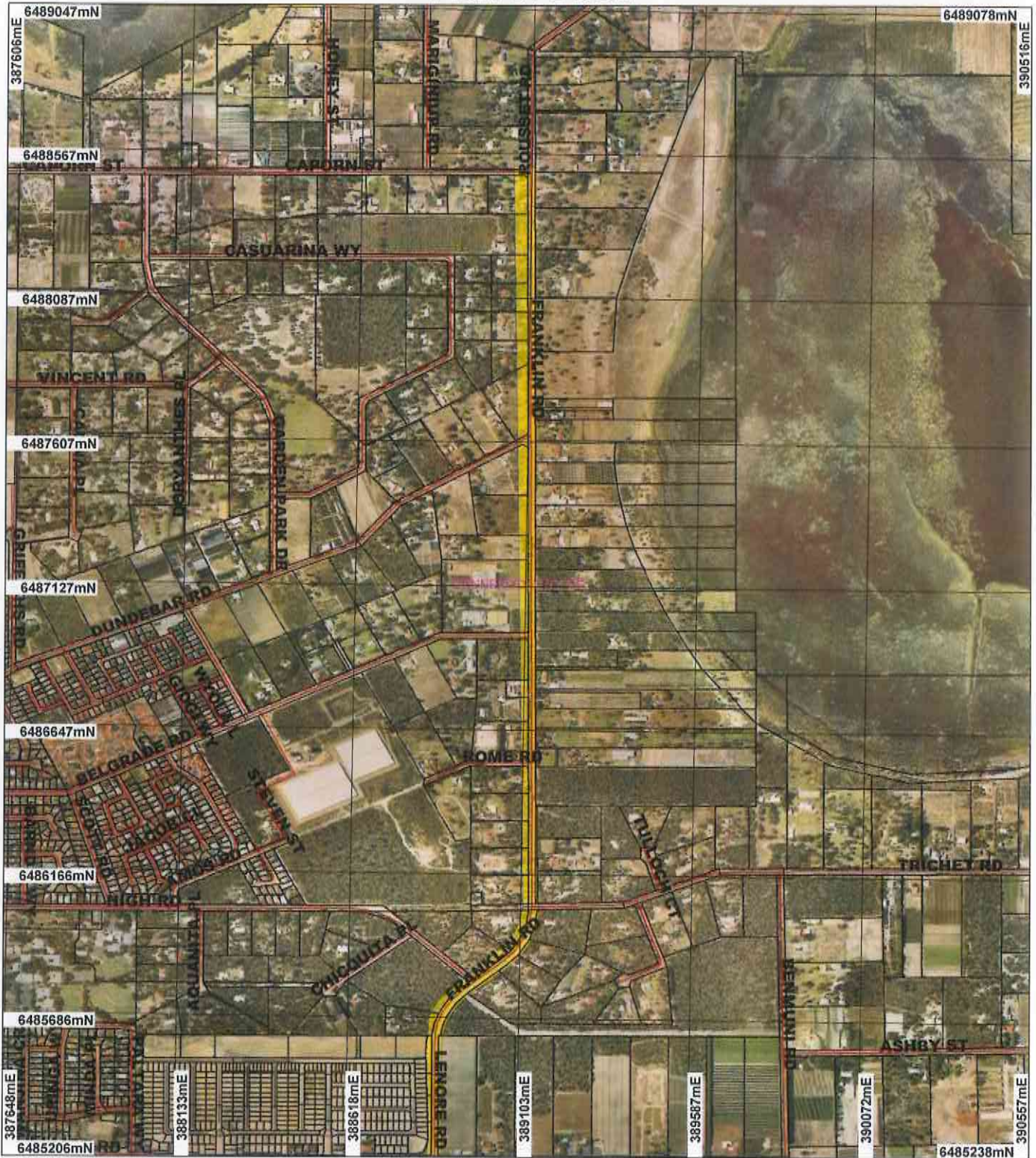
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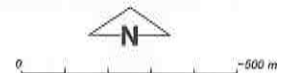
Plan 3731/6e



LEGEND

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

Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009



Scale 1:17001
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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M. Warnock Date: 21/2/13
M Warnock

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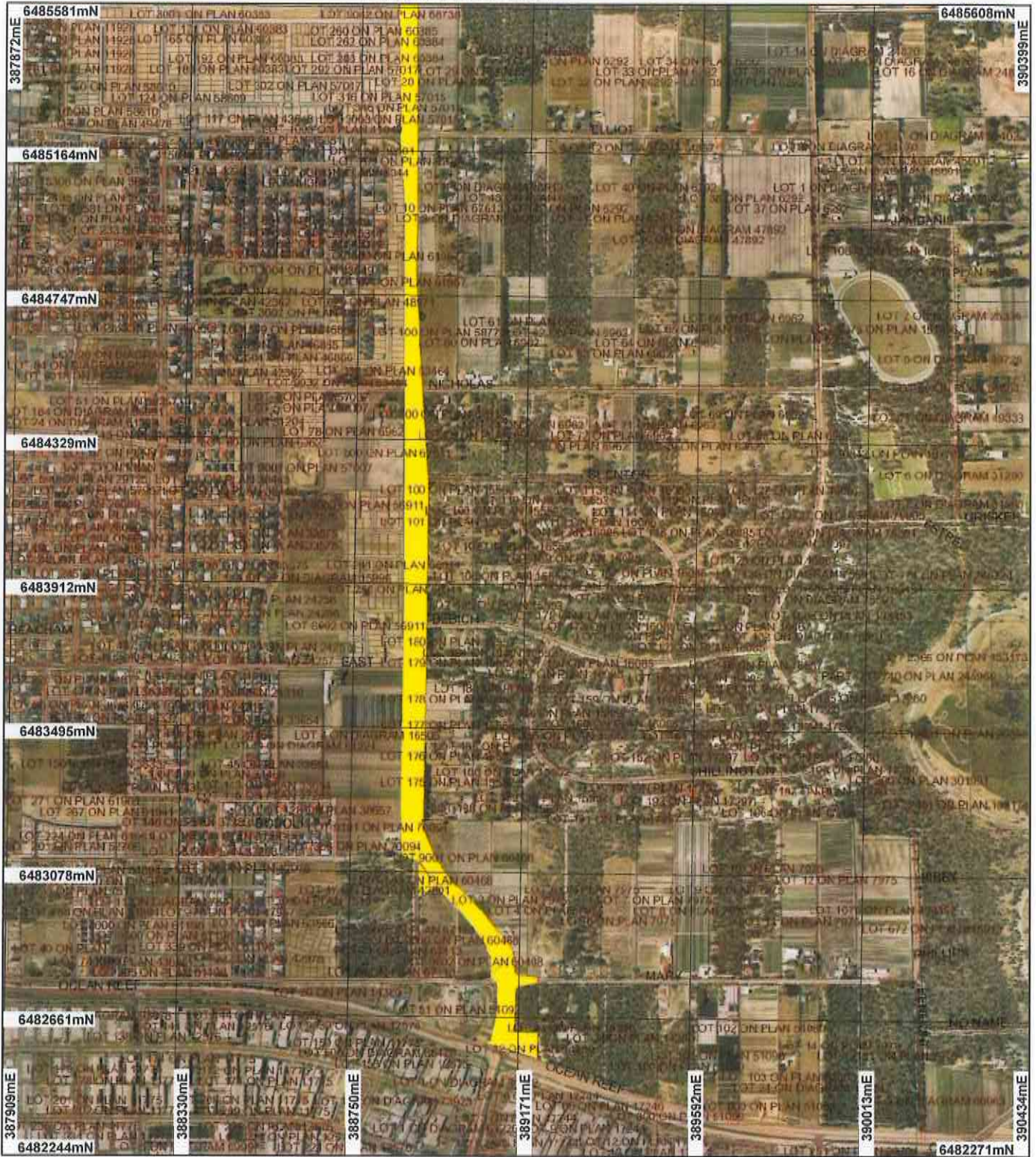


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Plan 3731/6f



LEGEND

- | | | |
|--------------------------------------|--|------------------------------------|
| Road Centrelines | Marine Park | Water |
| Cadastra for labelling | Crown Lease | Clearing Instruments |
| Freshhold | Lease / Reserve | Area Approved to Clear |
| Crown Reserve | Lease on State Forest / Timber Reserve | Swan Coastal Plain North |
| State Forest / Timber Reserve (cont) | Public Roads | 20cm Orthomosaic - Landgate |
| | Unallocated Crown Land (cont) | 2009 |



Geocentric Datum Australia 1994

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M Warnock Date 21/2/13
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 the Environmental Protection Act 1985

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Plan 3731/6g

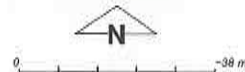


LEGEND

- Road Centrelines
- Cadastral for labelling
- Freehold
- Crown Reserve
- State Forest / Timber Reserve (cont)

- Marine Park
- Crown Lease
- Lease / Reserve
- Lease on State Forest / Timber Reserve
- Public Roads
- Unallocated Crown Land (cont)

- Water
- Clearing Instruments**
- Areas Approved to Clear
- Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009**



Scale 1:1400
(Approximate when reproduced at A4)
Geocentric Datum Australia 1994
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M Warnock Date 21/3/13
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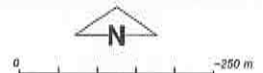
Plan 3731/6h



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
 - Road Centrelines
 - Cadastre
 - Local Government Authorities

Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009



Scale 1:9400
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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amended Date *21/2/13*

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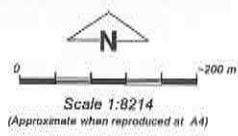
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Plan 3731/6i



LEGEND

- | | | |
|--------------------------------------|--|------------------------------------|
| Road Centrelines | Marine Park | Water |
| Cadastre for labelling | Crown Lease | Clearing Instruments |
| Freehold | Lease / Reserve | Areas Approved to Clear |
| Crown Reserve | Lease on State Forest / Timber Reserve | Swan Coastal Plain North |
| State Forest / Timber Reserve (cont) | Public Roads | 20cm Drihomosaic - Landgate |
| | Unallocated Crown Land (cont) | 2009 |



Geocentric Datum Australia 1994
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M Warnock Date *21/2/13*

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Plan 3731/6j



LEGEND

Cadastral for labelling

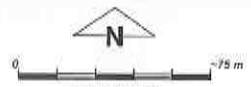
- Freehold
- Crown Reserve
- State Forest / Timber Reserve
- Marine Park
- Crown Lease (cont)

- Lease / Reserve
- Lease on State Forest / Timber Reserve
- Public Roads
- Unallocated Crown Land
- Water

Clearing Instruments

- Areas instrumented to clear

Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009



Scale 1:2848
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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M Warnock Date *21/2/13*

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Plan 3731/6k



LEGEND

- Local Government Authorities
- Road Centrelines
- Clearing Instruments
- Areas Approved to Clear

Cadastre for labelling
Perth Metropolitan Area
Central 15cm Orthomosaic -
Landgate 2012

Scale 1:3750
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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M Warnock Date 21/2/13

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1. Application details

1.1. Permit application details

Permit application No.: 3731/6
Permit type: Purpose Permit

1.2. Proponent details

Proponent's name: City of Wanneroo

1.3. Property details

Property:

- ROAD RESERVE (NOWERGUP 6032)
- LOT 3050 ON PLAN 202794 (House No. 1000 OLD YANCHEP NOWERGUP 6032)
- LOT 3050 ON PLAN 202794 (House No. 1000 OLD YANCHEP NOWERGUP 6032)
- ROAD RESERVE (NOWERGUP 6032)
- ROAD RESERVE (NOWERGUP 6032)
- LOT 10987 ON PLAN 219820 (NOWERGUP 6032)
- ROAD RESERVE (NEERABUP 6031)
- LOT 300 ON PLAN 68244 (NOWERGUP 6032)
- LOT 800 ON PLAN 44847 (House No. 1760 WANNEROO NEERABUP 6031)
- LOT 300 ON PLAN 66196 (NEERABUP 6031)
- LOT 26 ON PLAN 8326 (House No. 1768 WANNEROO NEERABUP 6031)
- LOT 301 ON PLAN 66196 (House No. 570 FLYNN NEERABUP 6031)
- LOT 9000 ON PLAN 66196 (House No. 560 FLYNN NEERABUP 6031)
- ROAD RESERVE (NEERABUP 6031)
- ROAD RESERVE (NEERABUP 6031)
- LOT 700 ON PLAN 70369 (House No. 500 FLYNN NEERABUP 6031)
- ROAD RESERVE (NEERABUP 6031)
- LOT 1 ON DIAGRAM 46611 (House No. 569 FLYNN CARRAMAR 6031)
- LOT 1 ON DIAGRAM 46611 (House No. 569 FLYNN CARRAMAR 6031)
- ROAD RESERVE (CARRAMAR 6031)
- ROAD RESERVE (NEERABUP 6031)
- ROAD RESERVE (NEERABUP 6031)
- LOT 701 ON PLAN 70369 (House No. 450 FLYNN NEERABUP 6031)
- ROAD RESERVE (NEERABUP 6031)
- ROAD RESERVE (NEERABUP 6031)
- LOT 9002 ON PLAN 63666 (House No. 370 FLYNN NEERABUP 6031)
- ROAD RESERVE (BANKSIA GROVE 6031)
- LOT 2704 ON PLAN 89747 (House No. 610 WATTLE NEERABUP 6031)
- LOT 1 ON DIAGRAM 43204 (House No. 1731 OLD YANCHEP PINJAR 6078)
- ROAD RESERVE (PINJAR 6078)
- LOT 601 ON PLAN 302260 (House No. 1771 OLD YANCHEP PINJAR 6078)
- ROAD RESERVE (PINJAR 6078)
- LOT 3021 ON PLAN 59574 (NEERABUP 6031)
- LOT 600 ON PLAN 302260 (House No. 570 WATTLE NEERABUP 6031)
- LOT 10823 ON PLAN 187676 (House No. 1851 OLD YANCHEP PINJAR 6078)
- ROAD RESERVE (PINJAR 6078)
- ROAD RESERVE (NEERABUP 6031)
- CROWN RESERVE 11598 (House No. 60 PEDERICK NEERABUP 6031)
- LOT 11 ON DIAGRAM 57099 (House No. 30 TRANQUIL CARRAMAR 6031)
- ROAD RESERVE (TAPPING 6065)
- ROAD RESERVE (TAPPING 6065)
- ROAD RESERVE (CARRAMAR 6031)
- ROAD RESERVE (CARRAMAR 6031)
- ROAD RESERVE (BANKSIA GROVE 6031)
- ROAD RESERVE (WANNEROO 6065)
- LOT 148 ON DIAGRAM 57319 (House No. 257 FRANKLIN WANNEROO 6065)

ROAD RESERVE (JANDABUP 6077)
 LOT 14 ON PLAN 8103 (House No. 9 ROUSSET MARIGINIUP 6078)
 LOT 3 ON DIAGRAM 43853 (House No. 251 FRANKLIN WANNEROO 6065)
 LOT 168 ON PLAN 15402 (House No. 245 FRANKLIN WANNEROO 6065)
 LOT 169 ON PLAN 15402 (House No. 235 FRANKLIN WANNEROO 6065)
 LOT 170 ON PLAN 15402 (House No. 227 FRANKLIN WANNEROO 6065)
 LOT 171 ON PLAN 15402 (House No. 217 FRANKLIN WANNEROO 6065)
 LOT 80 ON PLAN 7404 (House No. 211 FRANKLIN WANNEROO 6065)
 LOT 18 ON PLAN 7122 (House No. 260 DUNDEBAR WANNEROO 6065)
 ROAD RESERVE (WANNEROO 6065)
 LOT 19 ON PLAN 7122 (House No. 163 FRANKLIN WANNEROO 6065)
 LOT 20 ON PLAN 7122 (House No. 155 FRANKLIN WANNEROO 6065)
 LOT 1 ON DIAGRAM 71604 (House No. 163 BELGRADE WANNEROO 6065)
 ROAD RESERVE (WANNEROO 6065)
 LOT 54 ON PLAN 7122 (House No. 174 BELGRADE WANNEROO 6065)
 LOT 55 ON PLAN 7122 (House No. 97 FRANKLIN WANNEROO 6065)
 LOT 1 ON DIAGRAM 44141 (House No. 105 FRANKLIN WANNEROO 6065)
 LOT 56 ON PLAN 7122 (House No. 10 ROME WANNEROO 6065)
 LOT 130 ON PLAN 13145 (House No. 73 FRANKLIN WANNEROO 6065)
 ROAD RESERVE (WANNEROO 6065)
 LOT 129 ON PLAN 13145 (House No. 65 FRANKLIN WANNEROO 6065)
 LOT 128 ON PLAN 13145 (House No. 55 FRANKLIN WANNEROO 6065)
 LOT 7118 ON DIAGRAM 26190 (House No. 72 FRANKLIN JANDABUP 6077)
 LOT 131 ON PLAN 13145 (House No. 60 FRANKLIN JANDABUP 6077)
 ROAD RESERVE (JANDABUP 6077)
 LOT 126 ON PLAN 13145 (House No. 37 FRANKLIN WANNEROO 6065)
 LOT 127 ON PLAN 13145 (House No. 47 FRANKLIN WANNEROO 6065)
 LOT 6941 ON PLAN 126448 (NOMANS LAKE 6312)
 LOT 6945 ON PLAN 125040 (WEST POPANYINNING 6309)
 LOT 6947 ON PLAN 128744 (COLLANILLING 6315)
 LOT 6951 ON PLAN 127802 (MINIGIN 6312)
 LOT 6958 ON PLAN 126137 (BOUNDAIN 6312)
 LOT 6960 ON PLAN 126235 (PIESSEVILLE 6315)
 LOT 1101 ON PLAN 72657 (WANNEROO 6065)
 City of Wanneroo

Local Government Area:
 Colloquial name:

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.2		Mechanical Removal	Hazard reduction or fire control
15.83	28	Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: Grant
 Decision Date: 19 february 2013

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 type: 6 - Medium Woodland; tuart & jarrah (Shepherd et al, 2001). Hedde vegetation complex: Karrakatta Complex - Central and South - predominantly open forest of E. gomphocephala - E. marginata - E. calophylla and woodland of E. marginata - Banksia species. (Hedde et al, 1980)	The amended proposal comprises a total area of 16.03 hectares and 28 trees/shrubs within eight road reserves (road widening), a golf course (improvement to golf tee) and within a vacant residential lot (hazard reduction). Wesco Road: proposed clearing of 0.43 ha of native vegetation, between Hopkins Road and Telephone Road.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994) To Degraded: Structure severely disturbed; regeneration to good condition requires intensive management	The vegetation description and condition is based on a consultant's report; the vegetation condition ranges from degraded to very good (Coffey Environmental Pty Ltd, 2009) and site report from City of Wanneroo (2011 and 2013a).

(Keighery 1994)

<p>Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd et al, 2001).</p> <p>Hedde vegetation complexes: Karrakatta Complex - Central and South - predominantly open forest of E. gomphocephala - E. marginata - E. calophylla and woodland of E. marginata - Banksia species. Pinjar complex - Vegetation ranges from woodland of E. marginata - Banksia species to a fringing woodland of E. rudis - M. preissiana and sedgelands. (Hedde et al, 1980)</p>	<p>Old Yanchep Road: proposed clearing of 3.0 ha of native vegetation, between Pederick Road and Wattle Avenue.</p>	<p>Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)</p>	<p>The vegetation description and condition is based on a consultant's report; the vegetation condition ranges from degraded to pristine (Ecoscape Australia Pty Ltd, 2007).</p>
<p>Beard vegetation types: 6 - Medium Woodland; tuart & jarrah 949 - Low woodland, banksia 998 - Medium woodland, tuart (Shepherd et al, 2001)</p> <p>Hedde vegetation complexes: Herdsman Complex - Sedgelands and fringing woodland of E. rudis - Melaleuca species. Cottesloe Complex Central and South - Mosaic of woodland of E. gomphocephala and open forest of E. gomphocephala - E. marginata - E. calophylla; closed heath on the Limestone outcrops. (Hedde et al, 1980)</p>	<p>Flynn Road: proposed clearing of 6.61 ha of native vegetation, Tranquil Road and Wanneroo Road</p>	<p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p>	<p>The vegetation description and condition is based on a consultant's report; the vegetation condition ranges from degraded to very good (Coffey Environmental Pty Ltd, 2008) and site report from City of Wanneroo (2011).</p>
<p>Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd et al, 2001)</p> <p>Hedde vegetation complex: Karrakatta Complex - Central and South - predominantly open forest of E. gomphocephala - E. marginata - E. calophylla and woodland of E. marginata - Banksia species. (Hedde et al, 1980)</p>	<p>Joondalup Drive and Lyndavale Loop: proposed clearing of 0.68 ha of native vegetation and 22 trees/shrubs, between Cheriton Drive and Tumbleweed Drive (for Joondalup Drive).</p>	<p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)</p>	<p>The vegetation description and condition is based on a site visit conducted on the 4 November 2010, by DEC officers (DEC, 2010).</p>
<p>Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd et al, 2001)</p> <p>Hedde vegetation complexes: Karrakatta Complex - Central and South - predominantly open forest of E. gomphocephala - E. marginata - E. calophylla and woodland of E. marginata - Banksia species. Pinjar complex - Vegetation ranges from woodland of E. marginata - Banksia species to a fringing woodland of E. rudis - M. preissiana and sedgelands. (Hedde et al,</p>	<p>Lenore/Franklin Road: proposed clearing of 4.8 ha of native vegetation, between Caporn Street and Ocean Reef Road.</p>	<p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p> <p>To</p> <p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)</p>	<p>The vegetation description and condition is based on a consultant's report; the vegetation condition ranges from completely degraded to excellent (Coffey Environmental Pty Ltd, 2009a). No survey has been conducted along Franklin Road. The condition of the amended area is based on the site report from the City of Wanneroo (2011) and from site visit conducted by DEC officer 1 November 2011 (DEC 2011).</p>

1980)

<p>Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd, 2009) Hedde vegetation complex: Karakatta Complex - Central and South - predominantly open forest of E. gomphocephala - E. marginata - E. calophylla and woodland of E. marginata - Banksia species. (Hedde et al, 1980)</p>	<p>Evandale Road: proposed amended clearing is 0.08 ha of native vegetation, near the intersection of Hepburn Avenue.</p>	<p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)</p>	<p>The condition and description of the vegetation under application was determined via aerial imagery. The condition of the amended area is based on the site report from the City of Wanneroo (2011).</p>
<p>Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd, 2009) Hedde vegetation complex: Karakatta Complex - Central and South - predominantly open forest of E. gomphocephala - E. marginata - E. calophylla and woodland of E. marginata - Banksia species. (Hedde et al, 1980)</p>	<p>Hepburn Avenue : proposed clearing of 0.042ha of native vegetation</p>	<p>Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)</p> <p>To</p> <p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)</p>	<p>The vegetation description and condition is based on a site visit conducted on the 1 November 2011, by DEC officers (DEC, 2011) and site report provided by City of Wanneroo (2011).</p>
<p>Beard vegetation type 998: Medium woodland; tuart (Shepherd et al, 2001). Hedde vegetation complex: Cottesloe Complex Central and South: Mosaic of woodland of Eucalyptus gomphocephala (Tuart) and open forest of Eucalyptus gomphocephala (Tuart) - Eucalyptus marginata (Jarrah) - Corymbia calophylla (Marri); closed heath on the Limestone outcrops (Hedde et al 1980).</p>	<p>Hester Avenue: proposed clearing of 0.07ha of native vegetation</p>	<p>Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)</p>	<p>The vegetation description and condition is based on a site report provided by City of Wanneroo (2011).</p>
<p>Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd et al, 2001) Hedde vegetation complex: Karakatta Complex - Central and South - predominantly open forest of E. gomphocephala - E. marginata - E. calophylla and woodland of E. marginata - Banksia species. (Hedde et al, 1980)</p>	<p>Lot 1101 on Plan 72657: proposed clearing of 0.2ha of native vegetation.</p>	<p>Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)</p>	<p>The vegetation description and condition is based on a site report provided by City of Wanneroo (2013a) and aerial imagery.</p>

3. Assessment of application against clearing principles

Comments **Proposal is not likely to be at variance to this Principle**

The City of Wanneroo applied to amend CPS 3731/5 to undertake 0.2 hectares of clearing within Lot 1101 on Plan 72657 to facilitate the removal of asbestos material scattered about Lot 1101. A review of current environmental information reveals no new additional information. Therefore the assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Reports CPS 3731/2 and CPS 3731/4.

- Methodology** **References**
- DEC (2011)
 - Keighery (1994)
 - Shepherd et al (2001)
 - Heddle et al (1980)
 - Coffey Environment Pty Ltd (2008)
 - City of Wanneroo (2011)
 - City of Wanneroo (2013a)

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

Comments

City of Wanneroo has received advice from DEC's Contaminated Sites Branch on the safe removal of asbestos material from Lot 1101 (City of Wanneroo, 2013a).

The consideration of planning instruments and other matters is discussed in the Clearing Permit Decision Report CPS 3731/2.

An administrative change to the weed definition related to the weed permit condition has been included in the permit to bring the weed condition in line with current Department of Environment and Conservation practice.

City of Wanneroo has waived the 28 day comment period in relation to the draft amended clearing permit (City of Wanneroo, 2013b).

- Methodology** **References**
- City of Wanneroo (2013a)
 - City of Wanneroo (2013b)

4. References

City of Wanneroo (2011) CPS 3731/4 Strategic Clearing Permit Application to Amend - City of Wanneroo (DEC Ref A435607).
 City of Wanneroo (2013a) Application to Amend CPS 3731/5 and Supporting documentation - City of Wanneroo (DEC Ref A598038).
 City of Wanneroo (2013b) Application to Amend CPS 3731/5 and Supporting documentation - City of Wanneroo (DEC Ref A600162).
 Coffey Environmental Pty Ltd (2008) Spring Flora and Vegetation Survey, Flynn Drive Realignment Neerabup, Coffey Environmental Pty Ltd (DEC Ref A302317).
 Coffey Environmental Pty Ltd (2009) Flora and Fauna Assessment, Wesco Road Nowergup, Coffey Environmental Pty Ltd (DEC Ref A302317).
 Coffey Environmental Pty Ltd (2009a) Flora and Fauna Assessment, Lenore Road Wanneroo, Coffey Environmental Pty Ltd (DEC Ref A302317).
 DEC (2010) DEC Site Visit for Clearing Permit Application CPS 3731/2, conducted on 4 November 2010, Department of Environment and Conservation, Western Australia (DEC Ref A349198)
 DEC (2011) DEC Site Visit for Clearing Permit Application CPS 3731/4, conducted on 1 November 2011, Department of Environment and Conservation, Western Australia (DEC Ref A446041).
 Ecoscape Australia Pty Ltd (2007) Old Yanchep Road Flora Survey, Final. Ecoscape Australia Pty Ltd. DEC Ref A302317
 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.
 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.
 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.

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)