



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 3731/5
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 and relocation of a golf tee.

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)
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)

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)
Crown Reserve 26145 (Franklin Road Jandabup 6077)

3. Area of Clearing

The Permit Holder must not clear more than 15.83 hectares of native vegetation and 28 trees/shrubs within the combined areas shaded yellow on attached Plan 3731/5a, Plan 3731/5b, Plan 3731/5c, Plan 3731/5d, Plan 3731/5e, Plan 3731/5f, Plan 3731/5g, Plan 3731/5h, Plan 3731/5i and Plan 3731/5j.

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 a species listed in Appendix 3 of the "Environmental Weed Strategy" published by the Department of Conservation and Land Management (1999), and plants declared under section 37 of the *Agriculture and Related Resources Protection Act 1976*.



Kelly Faulkner
MANAGER
NATIVE VEGETATION CONSERVATION BRANCH

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

9 February 2012

CPS 3731/5, 9 February 2012

Plan 3731/5b



LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines

Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009



0 ————— 250 m

Scale 1:10000

(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.

Kelly Faulkner Date 9/2/12
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.

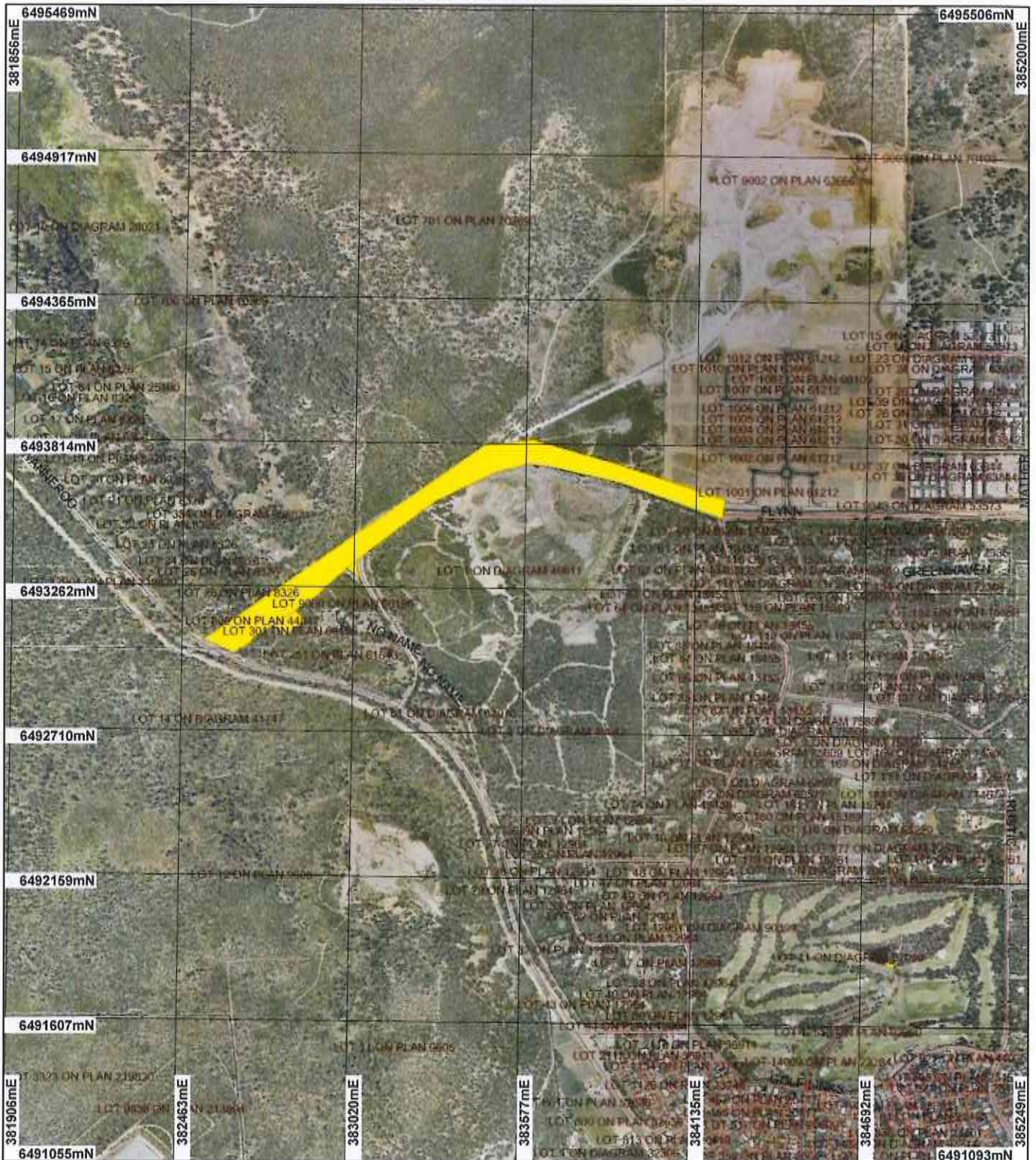


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Plan 3731/5c



LEGEND

<ul style="list-style-type: none"> Road Centrelines Cadastral 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>	<div style="text-align: center;"> <p>0 500 m</p> <p>Scale 1:19548 (Approximate when reproduced at A4)</p> <p>Geocentric Datum Australia 1994</p> <p>Note: the data in this map have not been projected. This may result in geometric distortion or measurement inaccuracies.</p> <p> Date 1/2/12</p> <p>Kelly Faulkner Officer with delegated authority under Section 20 of the Environmental Protection Act 1986</p> <p>Information derived from this map should be confirmed with the data custodian acknowledged by the agency acronym in the legend.</p> <div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> <p>Department of Environment and Conservation</p> <p>Our environment, our future WA Crown Copyright 2002</p> </div> </div> </div>
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Plan 3731/5d



LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines

Sydney 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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Kelly Faulkner Date *7/2/12*
Kelly Faulkner

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Plan 3731/5e



LEGEND

Clearing Instruments

- Areas Approved to Clear
- Road Centrelines

Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009



0 300 m

Scale 1:17001

(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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Kelly Faulkner Date 9/2/12

Kelly Faulkner

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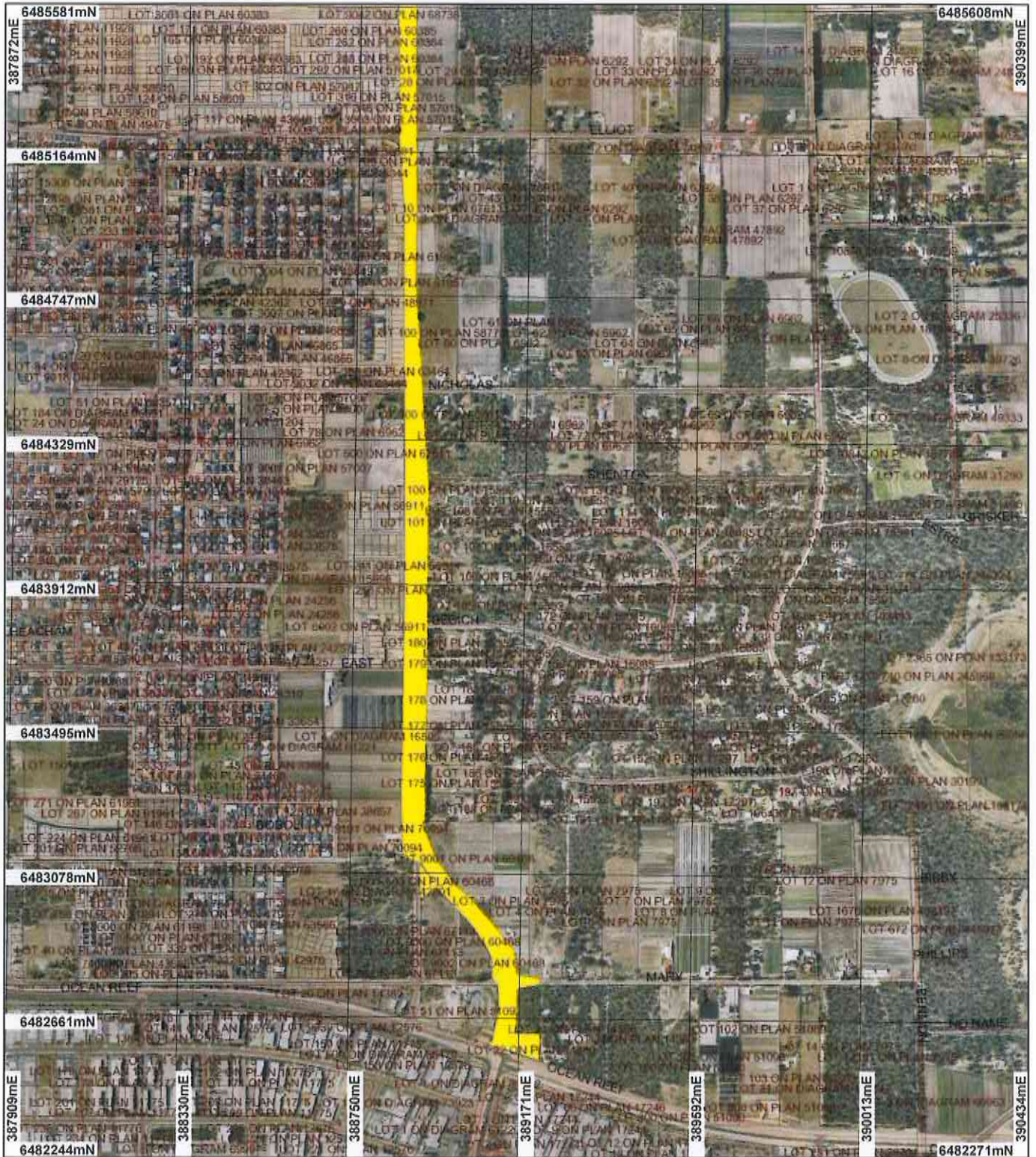


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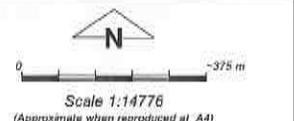
* Project Data is denoted by asterisk. This data has not been quality assured. Please contact map author for details.

Plan 3731/5f



LEGEND

- | | | |
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| Road Centrelines | Marine Park | Water |
| Cadastral 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
20cm Orthomosaic - Landgate
2009 |
| State Forest / Timber Reserve (cont) | Public Roads | |
| | Unallocated Crown Land (cont) | |



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

Date 9/6/12
 Kelly Faulkner

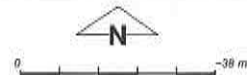
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Plan 3731/5g



LEGEND

- | | | |
|--------------------------------------|--|---|
| Road Centrelines | Marine Park | Water |
| Cadastral 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 20cm Orthomosaic - Landgate 2009 |
| State Forest / Timber Reserve (cont) | Public Roads | |
| | Unallocated Crown Land (cont) | |



Scale 1:1400
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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Date 9/2/12

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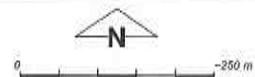
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Plan 3731/5h



LEGEND

- | | |
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| <p>Clearing Instruments</p> <ul style="list-style-type: none"> Areas Approved to Clear Road Centrelines Cadastre Local Government Authorities | <p>Swan Coastal Plain North
20cm Orthomosaic - Landgate
2009</p> |
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Scale 1:9400
(Approximate when reproduced at A4)

Geocentric Datum Australia 1994

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Date 9/2/12

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Plan 3731/5j



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 Amended 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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Kelly Faulkner Date 9/2/12
Kelly Faulkner

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1. Application details

1.1. Permit application details

Permit application No.: 3731/5
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)

Mechanical Removal	Road construction or maintenance
Mechanical Removal	Road construction or maintenance
Mechanical Removal	Road construction or maintenance
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Mechanical Removal	Road construction or maintenance

1.5. Decision on application

Decision on Permit Application: GRANT

Decision Date: 9 February 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
Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd, 2009) Heddle vegetation complex: Karrakatta Complex - Central and South - predominantly open forest of <i>E. gomphocephala</i> - <i>E. marginata</i> - <i>E. calophylla</i> and woodland of <i>E. marginata</i> - <i>Banksia</i> species. (Heddle et al, 1980))	The amended proposal comprises a total area of 15.83 ha and 28 trees/shrubs within eight road reserves (road widening) and a golf course (improvement to golf tee). 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 (Keighery 1994)	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).
Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd, 2009) Heddle vegetation complexes: Karrakatta Complex - Central and South - predominantly open forest of <i>E. gomphocephala</i> - <i>E. marginata</i> - <i>E. calophylla</i> and woodland of <i>E. marginata</i> - <i>Banksia</i> species. Pinjar complex - Vegetation ranges from woodland of <i>E. marginata</i> - <i>Banksia</i> species to a fringing woodland of <i>E. rudis</i> - <i>M. preissiana</i> and sedgelands. (Heddle et al, 1980)	Old Yanchep Road: proposed clearing of 3.0 ha of native vegetation, between Pederick Road and Wattle Avenue.	Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)	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).
Beard vegetation types: 6 - Medium Woodland; tuart & jarrah 949 - Low woodland, banksia 998 - Medium woodland, tuart (Shepherd, 2009) Heddle vegetation complexes: Herdsman Complex - Sedgelands and fringing woodland of <i>E. rudis</i> - <i>Melaleuca</i> species. Cottesloe Complex Central and South - Mosaic of woodland of <i>E. gomphocephala</i> and open forest of <i>E. gomphocephala</i> - <i>E. marginata</i> - <i>E. calophylla</i> ; closed heath on the Limestone outcrops. (Heddle et al, 1980)	Flynn Road: proposed clearing of 6.61 ha of native vegetation, Tranquil Road and Wanneroo Road	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	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).
Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd, 2009) Heddle vegetation complex: Karrakatta Complex - Central and South - predominantly open forest of <i>E. gomphocephala</i> - <i>E. marginata</i> - <i>E. calophylla</i> and woodland of <i>E. marginata</i> - <i>Banksia</i> species. (Heddle et al, 1980)	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).	Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	The vegetation description and condition is based on a site visit conducted on the 4 November 2010, by DEC officers (DEC, 2010).
Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd, 2009) Heddle vegetation complexes: Karrakatta Complex - Central and South - predominantly open forest of <i>E. gomphocephala</i> - <i>E. marginata</i> - <i>E.</i>	Lenore/Franklin Road: proposed clearing of 4.8 ha of native vegetation, between Caporn Street and Ocean Reef Road.	Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)	The vegetation description and condition is based on a consultant's report; the vegetation condition ranges from completely degraded to excellent (Coffey

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)

To

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).

Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)

Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd, 2009) 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)

Evandale Road: proposed amended clearing is 0.08 ha of native vegetation, near the intersection of Hepburn Avenue.

Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)

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).

Beard vegetation type: 6 - Medium Woodland; tuart & jarrah (Shepherd, 2009) 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)

Hepburn Avenue : proposed clearing of 0.042ha of native vegetation

Excellent: Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery 1994)

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).

To

Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)

Beard vegetation type 998: Medium woodland; tuart (Shepherd 2009). 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).

Hester Avenue: proposed clearing of 0.07ha of native vegetation

Good: Structure significantly altered by multiple disturbance; retains basic structure/ability to regenerate (Keighery 1994)

The vegetation description and condition is based on a site report provided by City of Wanneroo (2011).

3. Assessment of application against clearing principles

Comments

On 22 January 2012, the DEC proposed to amend Clearing Permit 3731/4 to correct an administration error that omitted 12 properties from condition 2 'Land on which clearing is to be done'. These properties include; Wanneroo Road Reserve (Neerabup 6031), Bebich Road Reserve (Wanneroo 6065), Nicholas Road Reserve (Wanneroo 6065), Shenton Road Reserve (Wanneroo 6065), Elliot Road Reserve (Wanneroo 6065), Lots 700 and 701 on Plan 70369 (Flynn Drive Neerabup 6031), Lot 9000 on Plan 66196 (Flynn Drive Neerabup 6031), Lot 300 on Plan 66196 (Flynn Drive Neerabup 6031), Lot 503 on Plan 60468 (Lenore Road Wanneroo 6065), Lots 709 and 708 on Plan 61957 (Lenore Road Wanneroo 6065).

On 25 January 2012 the City of Wanneroo accepted the proposed draft clearing permit and waived the 28 days notice.

The assessment against the clearing principles has not changed and can be found in the Clearing Permit Decision Report CPS 3731/2.

Methodology

References

- DEC (2012)
- City of Wanneroo (2012)

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

Comments

On 22 January 2012, the DEC proposed to amend Clearing Permit 3731 to rectify an administration error that omitted 12 properties from condition 2 'Land on which clearing is to be done'.

On 25 January 2012 the City of Wanneroo accepted the proposed draft clearing permit and waived the 28 days notice.

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

Methodology

References

- DEC (2012)
- City of Wanneroo (2012)

4. References

City of Wanneroo (2012) Re: Notice of proposed amendment to Clearing Permit CPS 3731/4. DEC Ref A469532
Department of Environment and Conservation (2012) Notice of proposed amendment to Clearing Permit CPS 3731/4. DEC Ref A467987

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)