



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 6359/3
Permit Holder:	City of Wanneroo
Duration of Permit:	15 August 2015 – 15 August 2045

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 purposes of industrial development and remediation.

2. Land on which clearing is to be done

Lot 9000 on Deposited Plan 60745, Neerabup

Lot 9003 on Deposited Plan 70103, Neerabup

Lot 600 on Deposited Plan 302260, Neerabup

3. Area of Clearing

The Permit Holder must not clear more than 156.156 hectares of native vegetation within the area cross hatched yellow on attached Plan 6359/3a.

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.

PART II – MANAGEMENT CONDITIONS

5. Avoid, minimise etc clearing

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

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

6. Offset - Site 1

Prior to undertaking any clearing authorised under this Permit for the purpose of industrial development, the Permit Holder shall:

- give a conservation covenant under section 30B of the *Soil and Land Conservation Act 1945* setting aside the covenant area, being the area cross hatched red on attached Plan 6359/3b within Lot 9000 on Deposited Plan 60745, Neerabup, for the protection and management of vegetation in perpetuity; and
- provide to the CEO a copy of the executed conservation covenant.

7. Offset - Site 2

Prior to undertaking any clearing authorised under this Permit for the purpose of industrial development, the Permit Holder shall:

- (a) give a conservation covenant under section 30B of the *Soil and Land Conservation Act 1945* setting aside the covenant area, being the area cross hatched red on attached Plan 6359/3c, Lot 24 on Plan 14380, Wanneroo, for the protection and management of vegetation in perpetuity; and
- (b) provide to the CEO a copy of the executed conservation covenant.

8. Offset - Site 3

- (a) The Permit Holder must fund the purchase of the area cross hatched red on attached Plan 6359/3d to be ceded to the Department of Parks and Wildlife for conservation.
- (b) The Permit Holder shall provide documentary evidence to the CEO that the area cross hatched red on attached Plan 6359/3d has been ceded to the Department of Parks and Wildlife within three months of executing the land transfer.

9. Dieback and weed control

When 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* and *dieback*:

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

10. Revegetation and rehabilitation

Within six months following completion of remediation works, the Permit Holder shall, revegetate and rehabilitate the area cross hatched red on attached Plan 6359/3e by:

- (a) re-shaping the surface of the land so that it is consistent with the surrounding five metres of uncleared land; and
- (b) laying salvaged topsoil retained from *good or better* condition vegetation approved to be cleared under this Permit.

PART III - RECORD KEEPING AND REPORTING

11. Records must be kept

The Permit Holder must maintain the following records for activities done in relation to the clearing of native vegetation authorised under this Permit:

- (a) 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;
- (b) the date that the area was cleared; and
- (c) the size of the area cleared (in hectares).

12. Reporting

- (a) The Permit Holder must provide to the CEO on or before 30 June of each year, a written report:
 - (i) of records required under condition 11 of this Permit; and
 - (ii) concerning activities done by the Permit Holder under this Permit between 1 January to 31 December of the preceding calendar year.
- (b) If no clearing authorised under this Permit was undertaken between 1 January to 31 December of the preceding calendar year, a written report confirming that no clearing under this permit has been carried out, must be provided to the CEO on or before 30 June of each year.
- (c) Prior to 15 May 2045, the Permit Holder must provide to the CEO a written report of records required under condition 11 of this Permit where these records have not already been provided under condition 12(a) of this Permit.

DEFINITIONS

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

dieback means the effect of *Phytophthora* species on native vegetation;

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

good or better means that the vegetation is in either pristine, excellent, very good or good condition according to the *Keighery scale*;

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;

soil disease status means soil types either infested, not infested, uninterpretable or not interpreted with a pathogen; and

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.

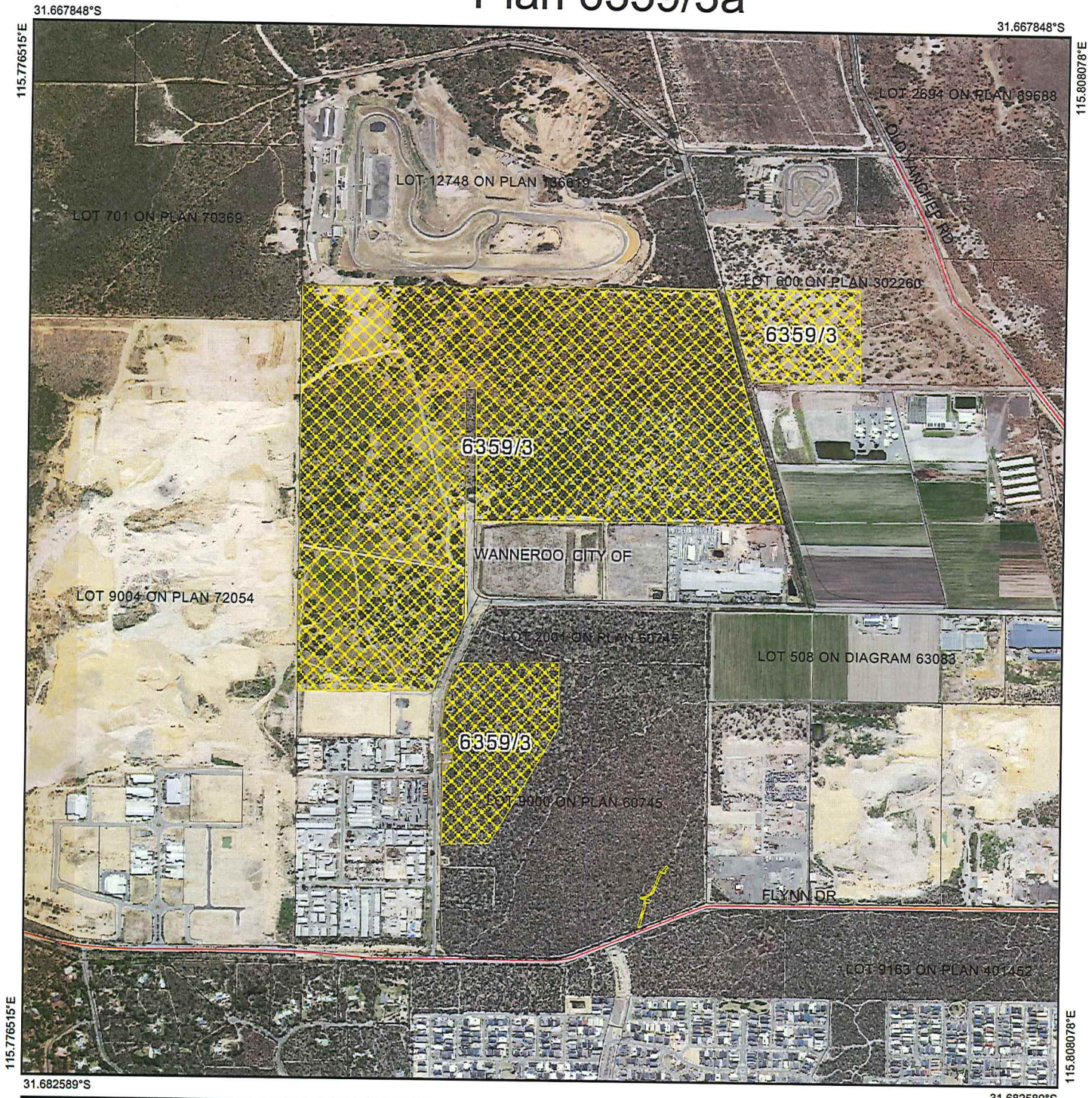


James Widenbar
MANAGER
CLEARING REGULATION

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

11 May 2017

Plan 6359/3a



Legend

- Imagery
- Clearing Instruments Activities
- Local Government Authority



1:15,854

(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

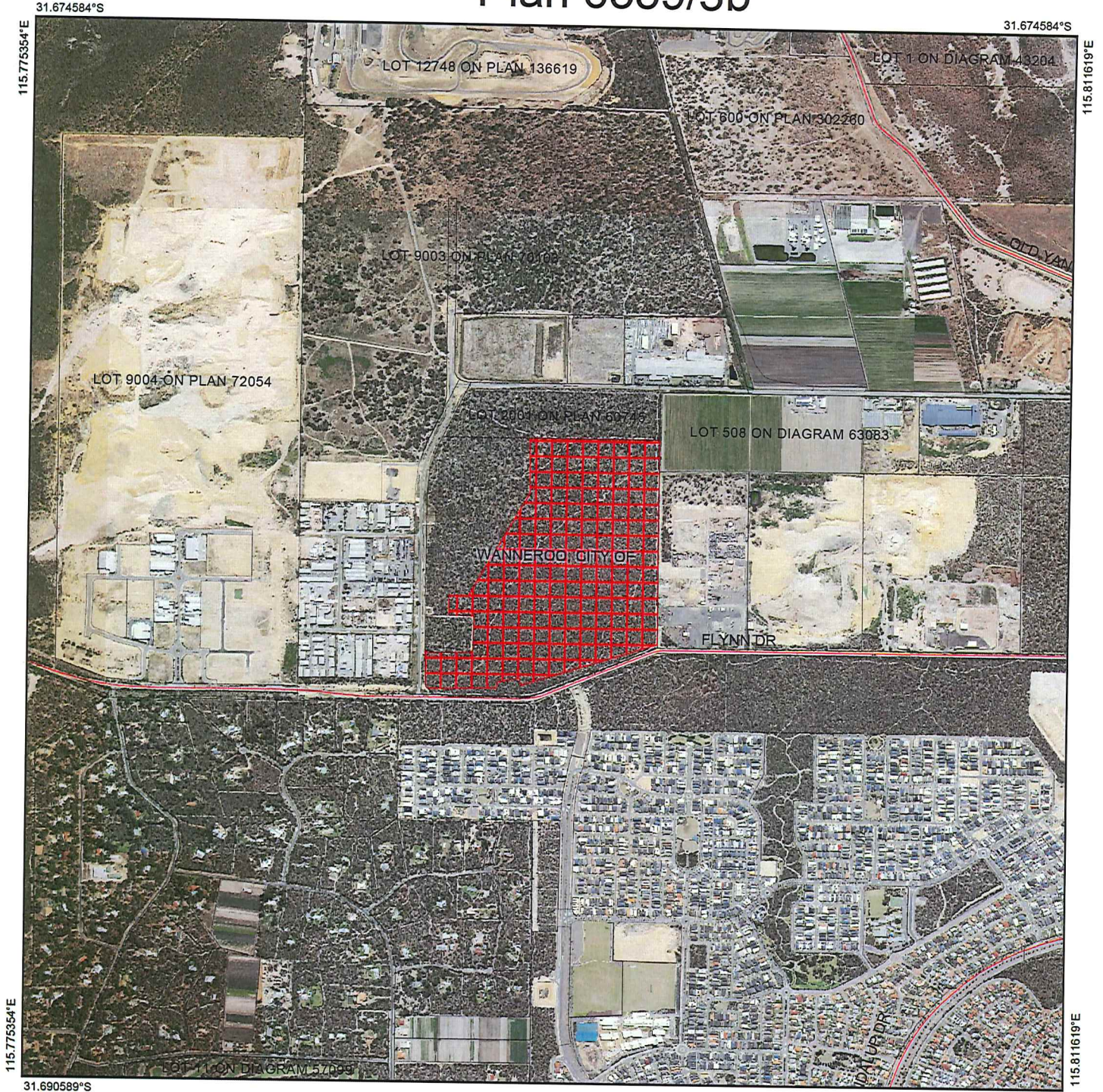
Sunm Date *11/15/2017*

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



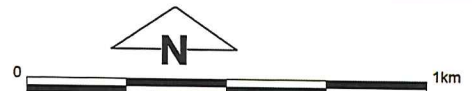
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Plan 6359/3b



Legend

-  Cadastre (Search)
-  Imagery
-  Local Government Authority
-  Clearing Instruments Conditions



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(Approximate when reproduced at A4)
GDA 94 (Lat/Long)
Geocentric Datum of Australia 1994

[Signature] Date 11/5/2017

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Plan 6359/3c



Legend

-  Roads
-  Imagery
-  Local Government Authority
-  Clearing Instruments Conditions




0  200m

1:5,314

(Approximate when reproduced at A4)

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Geocentric Datum of Australia 1994

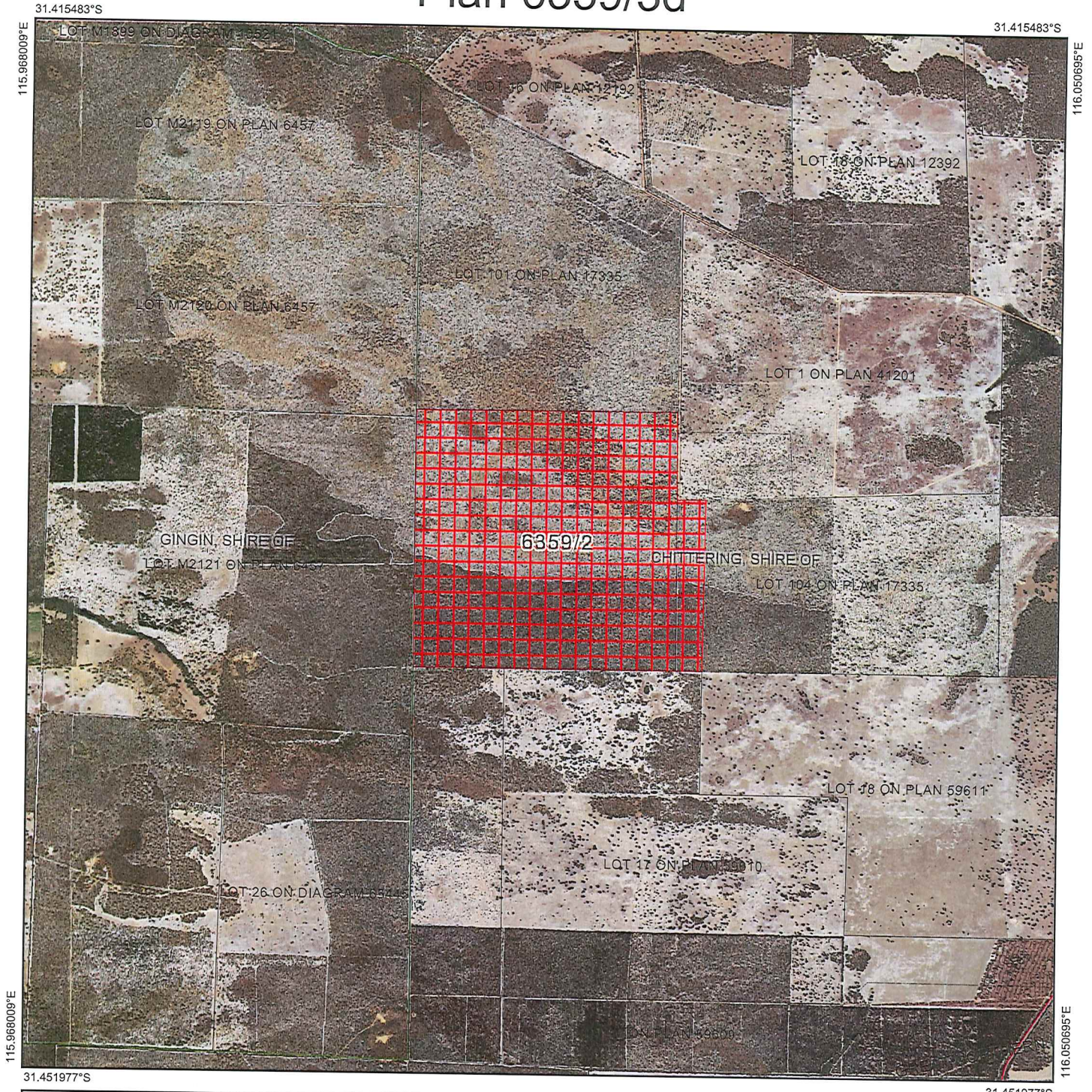
 Date 11/15/2017

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Plan 6359/3d



Legend

-  Imagery
-  Local Government Authority
-  Clearing Instruments Conditions



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Geocentric Datum of Australia 1994

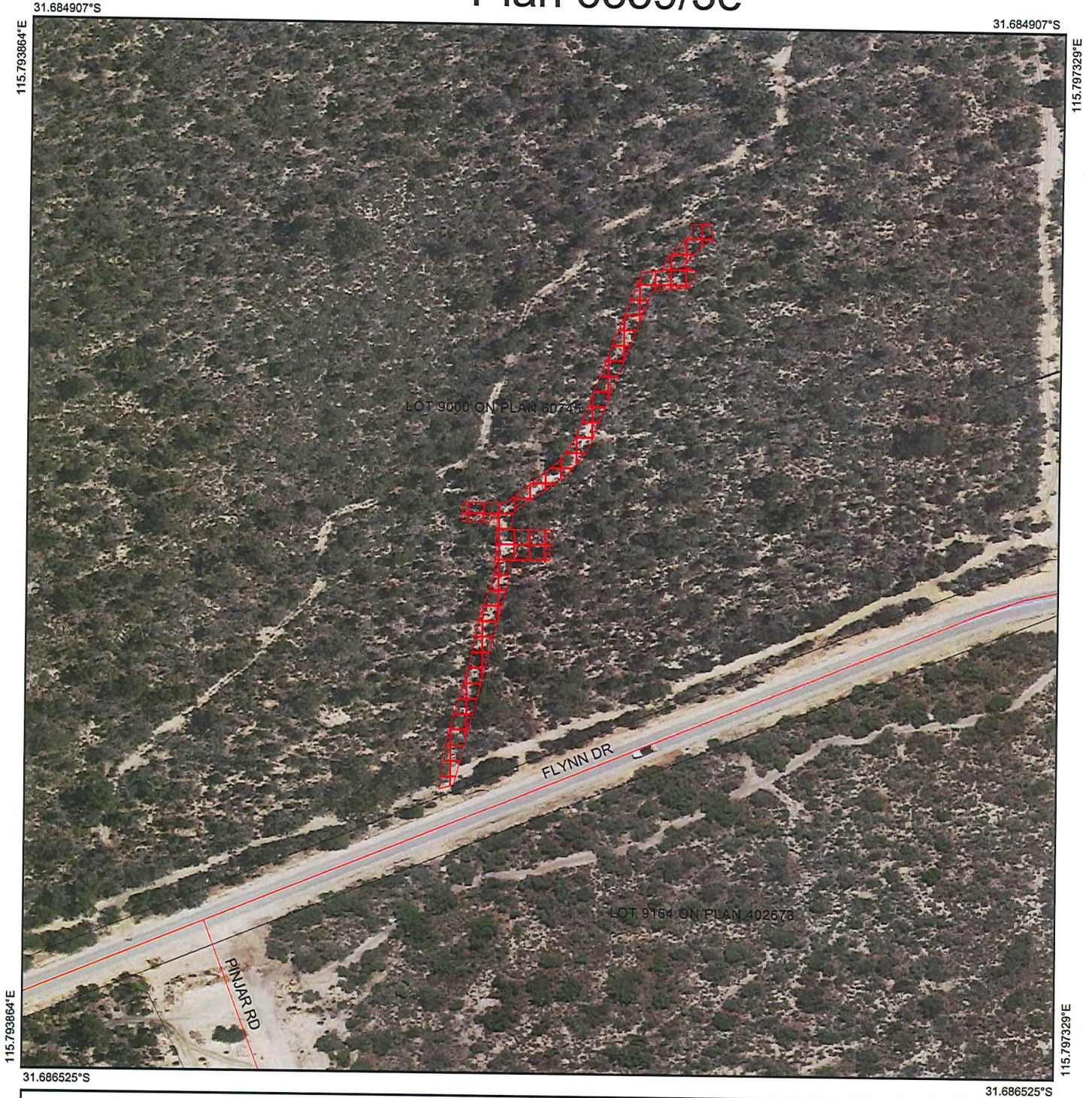
[Signature] Date 29/5/2017

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Plan 6359/3e



Legend

-  Roads
-  Imagery
-  Clearing Instruments Conditions
-  Cadastre



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(Approximate when reproduced at A4)

GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

Swain Date *5/11/2017*

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1. Application details

1.1. Permit application details

Permit application No.: 6359/3
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: City of Wanneroo

1.3. Property details

Property: LOT 9003 ON PLAN 70103, NEERABUP
LOT 9000 ON PLAN 60745, NEERABUP
LOT 600 ON PLAN 302260, NEERABUP
City of Wanneroo

Local Government Authority:

DER Region:

Localities:

Swan
Neerabup

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	For the purpose of:
0.156		Mechanical Removal	Restoration
156		Mechanical Removal	Industrial and Extraction

1.5. Decision on application

Decision on Permit Application: Granted

Decision Date: 11 May 2017

Reasons for Decision: The application to amend CPS 6359/2 by increasing the area approved to clear by 0.156 hectares, received on 23 March 2017, has been assessed against the clearing principles, planning instruments and other matters in accordance with s51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is at variance to clearing principles (a), (b) and (h) and is not likely to be at variance to the remaining clearing principles.

Through assessment it has been determined that the clearing will lead to the loss of 156 hectares of native vegetation that contains:

- contains 127.7 hectares of significant Carnaby's cockatoo feeding and potential nesting habitat;
- provides significant fauna habitat; and
- is important for fauna movement between significant areas of remnant vegetation including conservation reserves.

To mitigate the significant environment impacts identified above, and in accordance with the WA Environmental Offset Policy and Environmental Offsets Guidelines, prior to undertaking any clearing, the Permit Holder is to give a conservation covenant under section 30B of the *Soil and Land Conservation Act 1945* setting aside a four hectare area on Lot 24 on Plan 14380, Wanneroo and a 50 hectare area on Lot 9000 on Deposited Plan 60745, Neerabup, for the protection and management of vegetation in perpetuity.

The Permit Holder is also required to purchase a 492 hectare area in the Shire of Chittering and cede it to the Department of Parks and Wildlife for conservation.

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
The vegetation under application is mapped as: Beard vegetation association 6 which is described as medium woodland, tuart and jarrah (Shepherd et al., 2001).	To clear 156.156 hectares of native vegetation within Lot 9000 on Deposited Plan 60745, Lot 9003 on Deposited Plan 70103 and Lot 600 on Deposited Plan 302260, Neerabup, for the purposes of limestone extraction, industrial	Excellent; Vegetation structure intact; disturbance affecting individual species, weeds non-aggressive (Keighery, 1994).	The majority of the application area (102.1 hectares) has been described as an open forest of <i>Eucalyptus marginata</i> and <i>Allocasuarina fraseriana</i> over woodland of <i>Banksia attenuata</i> and <i>Banksia menziesii</i> over shrubland of <i>Xanthorrhoea preissii</i> over low open shrubland of <i>Hibbertia</i>

<p>Hedde vegetation complex Cottesloe Complex-Central and South which is described as a mosaic of woodland of <i>Eucalyptus gomphocephala</i> and open forest of <i>E. gomphocephala</i> - <i>E. marginata</i> - <i>Corymbia calophylla</i>; closed heath on the Limestone outcrops (Hedde et al., 1980).</p>	<p>development and remediation.</p>	<p>To</p>	<p><i>hypericoides</i>, with occasional <i>Hypocalymma robustum</i> and <i>Bossiaea eriocarpa</i> over open herbland including <i>Mesomelaena pseudostygia</i>, <i>Desmocladius flexuosus</i> and <i>Lyginia barbata</i> on grey loamy sands and sandy midslopes on midslopes and upper slopes in a good to excellent (Keighery, 1994) condition (Eco Logical Australia, 2013).</p>
<p>Hedde vegetation complex Karakatta Complex-Central and South which is described as 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 (Hedde et al., 1980).</p>			<p>The condition of the vegetation under application was determined via a flora and fauna assessment undertaken by Eco logical (2013) and a site inspection undertaken by the Department of Environment Regulation (DER, 2015).</p>
			<p>Approximately 21.2 hectares of the application area is in a completely degraded condition, 44 hectares is in a degraded condition, 70.6 hectares is in a good condition, three hectares is in a very good condition and 16.5 hectares is in an excellent condition (DER, 2015).</p>

3. Assessment of application against clearing principles

Comments This amendment has been made to increase the clearing area by 0.156 hectares within Lot 9000 on Deposited Plan 60745, Neerabup for the purpose of removing asbestos containing material. The remediation work is required prior to a conservation covenant being placed over the larger area depicted on Plan 6359/3b.

The assessment of the clearing principles has not changed and can be found in clearing permit decision report CPS 6359/1.

Planning instruments and other relevant matters.

Comments The assessment again planning instruments and other matters has not changed and can be found in clearing permit decision report CPS 6359/1

4. References

Eco Logical Australia Pty Ltd (2013) Threatened Flora and Fauna Assessment, Lot 4 FlynnDrive Neerabup. Prepared for City of Wanneroo.

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.

Department of Environment Regulation (DER) (2015) Site Inspection Report for clearing permit application CPS 6359/1. Inspection undertaken 23 February 2015. DER ref: A870743.

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.