



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number: CPS 6737/1
Permit Holder: City of Wanneroo
Duration of Permit: 2 January 2016 to 2 January 2018

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 upgrading Old Yanchep Road.

2. Land on which clearing is to be done

Lot 600 on Deposited Plan 302260, Neerabup
Lot 601 on Deposited Plan 302260, Pinjar
Lot 3021 on Deposited Plan 59574, Neerabup
Lot 2704 on Deposited Plan 89747, Neerabup
Lot 1 on Diagram 43204, Pinjar
Old Yanchep Road reserve (PIN 11582355 and PIN 11543914), Pinjar

3. Area of Clearing

The Permit Holder must not clear more than 0.87 hectares of native vegetation within the area hatched yellow on attached Plan 6737/1.

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 the activities described in condition 1 of this Permit to the extent that the Permit Holder has the power to carry out works involving clearing for those activities under the *Local Government Act 1995* or any other written law.

PART II – MANAGEMENT CONDITIONS

6. 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:

- (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.

6. 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; and
- (c) restrict the movement of machines and other vehicles to the limits of the areas to be cleared;

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;

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.

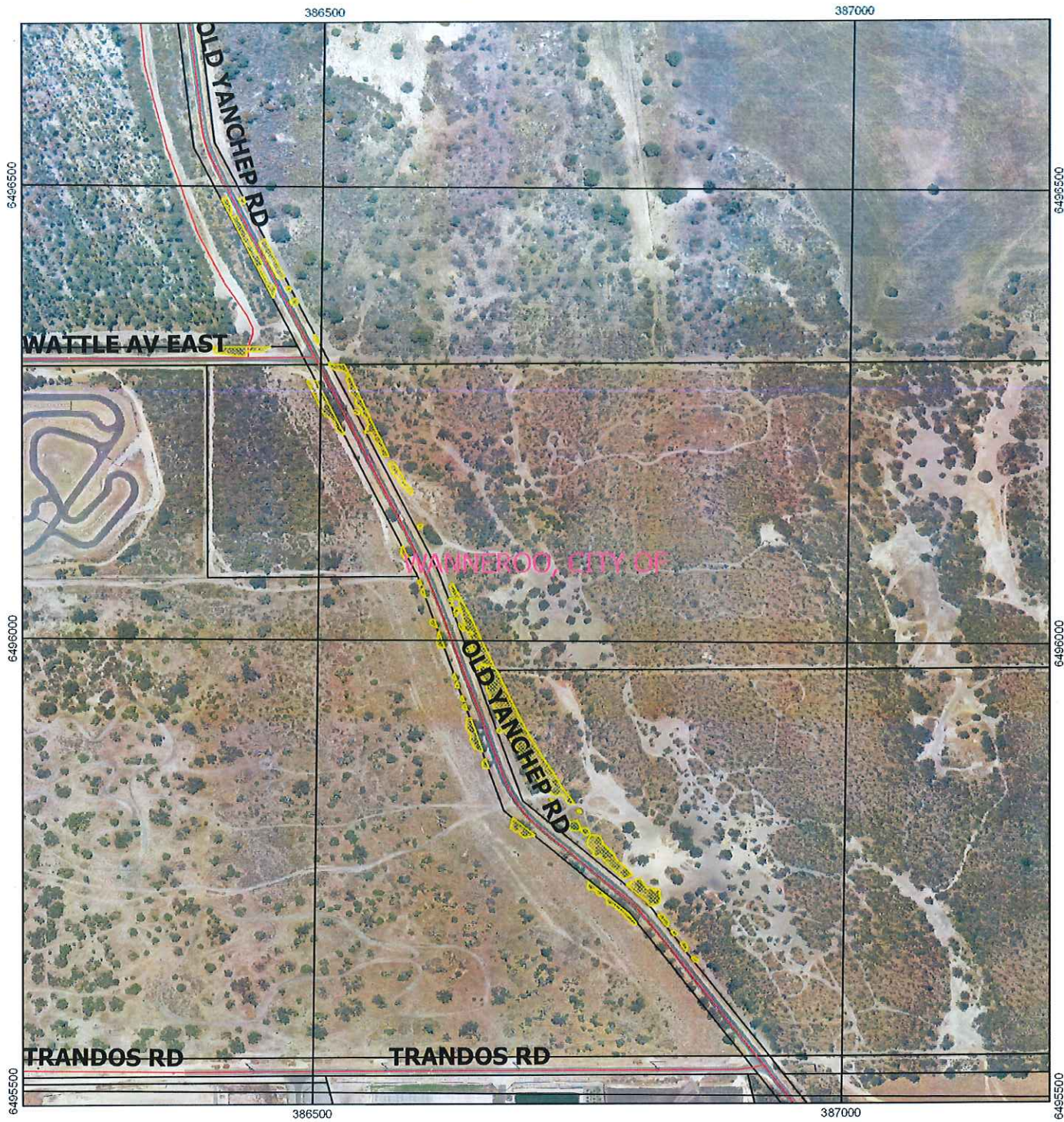


Jane Clarkson
A/SENIOR MANAGER
CLEARING REGULATION

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

3 December 2015

Plan 6737/1



Legend

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



1:4,000

MGA 94
Geocentric Datum of Australia 1994

Jane Clarkson Date 3/12/15
Jane Clarkson

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.: 6737/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: City of Wanneroo

1.3. Property details

Property: LOT 601 ON PLAN 302260, PINJAR
LOT 600 ON PLAN 302260, NEERABUP
LOT 3021 ON PLAN 59574, NEERABUP
LOT 2704 ON PLAN 89747, NEERABUP
LOT 1 ON DIAGRAM 43204, PINJAR
ROAD RESERVE - 11582355, PINJAR
ROAD RESERVE - 11543914, PINJAR
Colloquial name: Old Yanchep Road
Local Government Authority: WANNEROO, CITY OF
DER Region: Greater Swan
DPaW District: SWAN COASTAL
Localities: NEERABUP and PINJAR and NOWERGUP

1.4. Application

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

1.5. Decision on application

Decision on Permit: Granted
Application:
Decision Date: 3 December 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 & jarrah (Shepherd et al, 2001), Karrakatta Heddle Complex-Central And\South comprises of predominantly open forest of <i>Eucalyptus gomphocephala</i> (Tuart) - <i>Eucalyptus marginata</i> (Jarrah) - <i>Corymbia calophylla</i> (Marri) and woodland of <i>Eucalyptus marginata</i> (Jarrah) - Banksia species (Heddle et al, 1980), Pinjar Heddle Complex comprises of vegetation that ranges from woodland of <i>Eucalyptus marginata</i> (Jarrah) - Banksia species to a fringing woodland of <i>Eucalyptus rudis</i> (Flooded	The clearing of 0.87 hectares of native vegetation is for the purpose of upgrading Old Yanchep Road.	Completely Degraded; No longer intact, completely/almost completely without native species (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 Flora survey undertaken by Ecoscape (Australia) Pty Ltd (2007) and photographs provided by the applicant (City of Wanneroo, 2015).

Gum) - *Melaleuca preissiana* (Moonah) and sedgelands (Heddlé et al, 1980).

3. Assessment of application against clearing principles

Comments The application to clear up to 0.87 hectares of native vegetation for the purpose of road widening and reconstruction of existing curves for improved road safety of Old Yanchep Road. The proposed clearing occurs within Lots 600 and 601 on Deposited Plan 302260, Lot 3021 on Deposited Plan 59574, Lot 2704 on Deposited Plan 89747 (Reserve 20432), Lot 1 on Diagram 43204, Old Yanchep Road reserve (PIN 11582355 and PIN 11543914), Pinjar and Neerabup. The vegetation is considered to be in a degraded to completely degraded (Keighery, 1994) condition. The majority of the understorey shows significant signs of disturbance consisting predominately of weeds or completely devoid of native species (City of Wanneroo, 2015).

In 2007 a flora survey undertaken by Ecoscape (Australia) Pty Ltd recorded no rare or priority flora species within the application area. Given this and the long, linear and degraded to completely degraded (Keighery, 1994) condition of the vegetation under application and a lack of understorey species, clearing the vegetation proposed is not likely to impact on rare or priority flora, a priority or threatened ecological community, or provide significant fauna habitat.

The local area (10 kilometre radius) surrounding the application area retains approximately 30 percent native vegetation. The application area has been mapped within Beard vegetation association 6 which retains approximately 24 percent native vegetation within the Swan Coastal Plain Bioregion (Government of Western Australia, 2014). As these figures are above the recommendation of 10 percent retention of native vegetation within constrained areas (EPA, 2006) and given the condition of the vegetation, the proposed clearing is not likely to be considered clearing a significant remnant within a highly cleared landscape.

Approximately 0.51 ha (59 per cent) of the area under application occurs within a Conservation category sumpland known as 'Lake Pinjar'. Given this, the proposed clearing will impact upon vegetation growing in association with this wetland.

Approximately 0.64 hectares of the vegetation under application forms part of Bush Forever site 382 which is approximately 241 hectares in size and is known as 'Lake Pinjar and Adjacent Bushland, Pinjar' (Government of Western Australia, 2000). Considering the vegetation under application is subject to disturbance from the adjoining road and is of a completely degraded to degraded (Keighery, 1994) condition, impacts to Bush Forever site No 382 are not likely to be significant. Weed and dieback management practices will further ensure that the potential environmental impact to the Bush Forever site are minimised.

Given the linear nature of the application area and the degraded (Keighery, 1994) condition of the vegetation, clearing the vegetation under application is not likely to contribute to or cause land degradation, deteriorate the quality of ground water or surface water and is not likely to cause or exacerbate flooding.

Given the above the application is at variance to Principle (f), may be at variance to Principle (h) and is not likely to be at variance to the remaining Clearing Principles.

Methodology

References:

- City of Wanneroo (2015)
- EPA (2006)
- Government of Western Australia (2000)
- Government of Western Australia (2014)
- Keighery (1994)
- Ecoscape (Australia) Pty Ltd (2007)

GIS Databases

- DPaW tenure
- Hydrography, linear DOW
- NWLRA, Extent of Native Vegetation
- Pre-European vegetation
- SAC Biodatasets – Accessed (November 2015)
- Geomorphic Wetlands, (Mgt Categories), Swan Coastal Plain

Planning instruments and other relevant matters.

Comments The application area falls within a Native Title Claimant area. The Single Noongar Claim (Area 1), Swan River People 2 and Whadjuk People native title claimants and the South West Aboriginal Land and Sea Council, Albert Corunna and Clayton Utz Lawyers have been notified. The South West Aboriginal Land and Sea Council (SWALSC, 2015) has advised that the proposed clearing may affect unregistered Aboriginal heritage sites within the application area. In order to address these concerns, the SWALSC has requested a heritage survey be undertaken and/or a Whadjuk representative is contracted to monitor the clearing process. The City of Wanneroo is advised to consult with the SWALSC to discuss this matter.

The application area falls within the Gnangara Underground Water Pollution Control Area, a priority 1 Public Drinking Water Source Area. The Department of Water (DoW, 2015) has been notified and advised, assessed no comments.

There are no Aboriginal Sites of Significance recorded in the application area.

The clearing permit application was advertised on 28 September 2015 by the Department of Environment Regulation inviting submissions from the public. No submissions from the public were received.

Methodology References:
- DoW (2015)
- SWALSC (2015)

4. References

- City of Wanneroo (2015) Application for Clearing Permit – Proposed Stage 2 Roadworks on Old Yanchep Road, Pinjar/Neerabup (DER Ref: A962095).
- Ecoscape (Australia) Pty Ltd (2007) Old Yanchep Road Flora Survey Final. City of Wanneroo. North Fremantle. Western Australia (DER Ref: A992360).
- EPA (2006) Guidance for the Assessment of Environmental Factors - Level of Assessment for Proposals Affecting Natural Areas Within the System 6 Region and Swan Coastal Plain Portion of the System 1 Region. Guidance Statement No 10. Environmental Protection Authority, Western Australia.
- DoW (2015) Advice for Clearing Permit CPS 6737/1. Department of Water. Western Australia. (DER Ref: A991470).
- Government of Western Australia (2000) Bush Forever Volume 1. Policies, Principles and Processes. Western Australian Planning Commission, Perth, Western Australia.
- Government of Western Australia (2014) 2014 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of June 2014. WA Department of Environment and Conservation, Perth 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.
- 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.
- Shepherd, D.P., Beeston, G.R. and Hopkins, A.J.M. (2001) Native Vegetation in Western Australia, Extent, Type and Status. Resource Management Technical Report 249. Department of Agriculture, Western Australia.
- South West Aboriginal Land and Sea Council (2015) Advice for Clearing Permit Application CPS 6737/1. Western Australia. (DER Ref: A997353)