



GOVERNMENT OF
WESTERN AUSTRALIA

CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

PERMIT DETAILS

Area Permit Number: 6321/1
File Number: 2011/006783-1
Duration of Permit: 17 January 2015 to 17 January 2017

PERMIT HOLDER

City of Armadale

LAND ON WHICH CLEARING IS TO BE DONE

Nicholson Road reserve (PIN 11871385), Piara Waters

AUTHORISED ACTIVITY

The Permit Holder shall not clear more than 38 native trees within the area shaded yellow on attached Plan 6321/1.

CONDITIONS

1. 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.

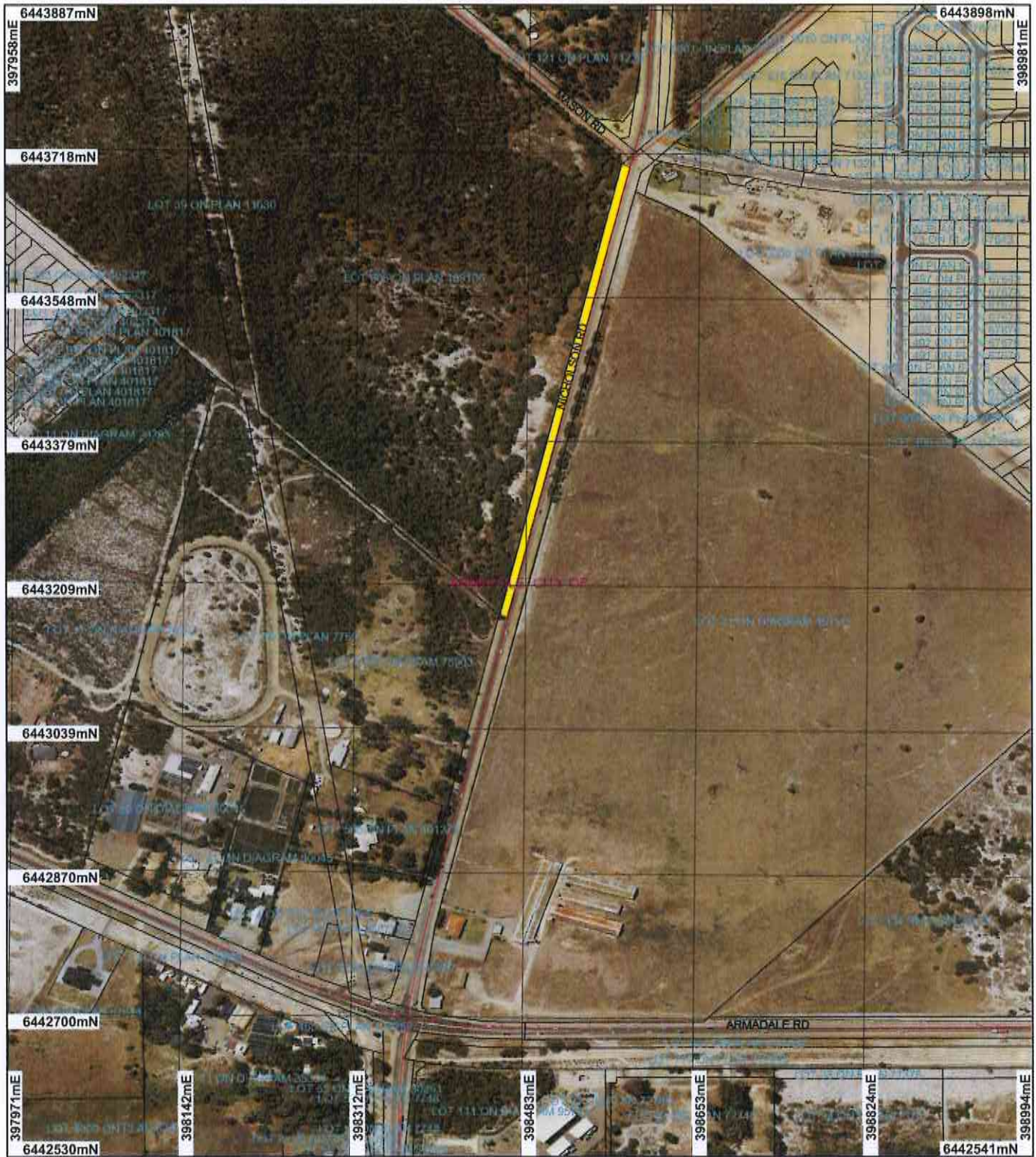
A handwritten signature in black ink, appearing to read "M Warnock".

M Warnock
SENIOR MANAGER
CLEARING REGULATION

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

18 December 2014

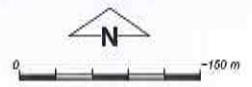
Plan 6321/1



LEGEND

- Clearing Instruments**
- Areas Approved to Clear
 - Road Centrefines
 - Cadastre for labelling
 - Local Government Authorities

Perth Metropolitan Central
15cm Orthomosaic - Landgate
2011



Scale 1:6000

(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 18/12/14
M Warnock

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.



Government of Western Australia
Department of Environment Regulation

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Clearing Permit Decision Report

Government of Western Australia
Department of Environment Regulation

1. Application details

1.1. Permit application details

Permit application No.: 6321/1
Permit type: Area Permit

1.2. Proponent details

Proponent's name: City of Armadale

1.3. Property details

Property: ROAD RESERVE (PIARA WATERS 6112)
Local Government Area: City of Armadale
Colloquial name: Nicholson Road

1.4. Application

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

1.5. Decision on application

Decision on Permit Application: Grant
Decision Date: 18 December 2014

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
Mapped Beard vegetation association: 1001: Medium very sparse woodland; jarrah, with low woodland; banksia & casuarina (Shepherd et al, 2001).	The clearing of 38 native trees within Nicholson Road reserve, Piara Waters, is for the purpose of road widening.	Completely Degraded: No longer intact; completely/almost completely without native species (Keighery 1994)	The vegetation condition was assessed through aerial imagery.
Mapped Heddle Southern river complex: Open woodland of <i>Corymbia calophylla</i> (Marri) - <i>Eucalyptus marginata</i> (Jarrah) - Banksia species with fringing woodland of <i>Eucalyptus rudis</i> (Flooded Gum) - <i>Melaleuca raphiophylla</i> (Swamp Paperbark) along creek beds (Heddle et al, 1980)		To Degraded: Structure severely disturbed; regeneration to good condition requires intensive management (Keighery 1994)	

3. Assessment of application against clearing principles

Comments The application is for the proposed clearing of 38 *Melaleuca* trees within Nicholson Road reserve, Piara Waters, for the purpose of road widening.

The overall condition of the vegetation under application is considered to be degraded to completely degraded (Keighery, 1994) and to not be representative of the mapped vegetation associations.

There are numerous records of priority and rare flora species mapped within a 10 kilometre radius of the application. Given the proposed clearing consists of the removal of 38 native trees over a completely degraded understorey dominated by weeds, it is unlikely the clearing will impact upon conservation significant flora taxa.

Several fauna species of conservation significance have been recorded within the local area (10 kilometre radius). Given the degraded condition of the vegetation under application which consists of 38 *Melaleuca* trees in a linear line, as well as the exposure to disturbance from the road reserve, the proposed clearing is not likely to provide significant habitat for fauna.

The closest Threatened Ecological Community (TEC) to the application area is located 1.6 kilometres east of the application area and is described as "Shrublands on dry flats"(endangered). Given the application area consists of 38 native trees, the vegetation is not likely to be a representative of this TEC.

Although the local area (10 kilometre radius) has been extensively cleared and is approximately 15 per cent vegetated, the vegetation under application is in a degraded to completely degraded condition and is not significant as a remnant of native vegetation.

The majority of the area under application is mapped within a conservation category sumpland known as the "Mason Road Swamp". The northern portion of the application area is mapped within a resource enhancement dampland. Given this, the proposed clearing will impact upon vegetation growing in association with these water systems. However, given the linear nature of the application area and degraded condition of the wetland vegetation proposed to be cleared, the proposed clearing is not likely to significantly impact upon riparian vegetation or the environmental values of the conservation category and resource enhancement wetlands.

The Piara Nature Reserve adjoins the area under application. The disturbance caused by the proposed clearing may indirectly impact the adjacent area of remnant vegetation through the increase of weeds and dieback. Weed and dieback management practices will assist in mitigating this risk.

Given the small size of the application area, it is unlikely that the proposed clearing will cause or exacerbate land degradation, flooding or impact upon water quality.

Therefore, the proposed clearing 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.

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

Comments The application is to clear 38 native trees for the purpose of road widening.

 No Aboriginal Sites of Significance have been mapped over the application area.

 No submissions from the public have been received for the proposed clearing.

Methodology GIS Databases
 - Aboriginal Sites of Significance

4. References

- Government of Western Australia (2013) 2012 Statewide Vegetation Statistics incorporating the CAR Reserve Analysis (Full Report). Current as of October 2012. 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.
- 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.