



CLEARING PERMIT

Granted under section 51E of the Environmental Protection Act 1986

Purpose Permit number:	CPS 8115/1
Permit Holder:	City of Busselton
Duration of Permit:	23 October 2018 to 23 October 2023

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.
- 2. Land on which clearing is to be done**
Wonnerup South Road Reserve (PIN: 11380879), Yalyalup.
- 3. Area of Clearing**
The Permit Holder must not clear more than four native trees within the area shaded yellow on attached Plan 8115/1.
- 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 and reduce the impacts and extent of 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.

7. Records must be kept

The Permit Holder must maintain the following records for activities done pursuant to this Permit, 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;
- (c) the size of the area cleared (in hectares); and
- (d) actions taken to avoid, minimise and reduce the impacts and extent of clearing in accordance with condition 6 of this Permit.

8. Reporting

The Permit Holder must provide to the CEO the records required under condition 7 of this Permit, when requested by the CEO.

DEFINITIONS

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

CEO: means the Chief Executive Officer of the Department responsible for the administration of the clearing provisions under the *Environmental Protection Act 1986*;

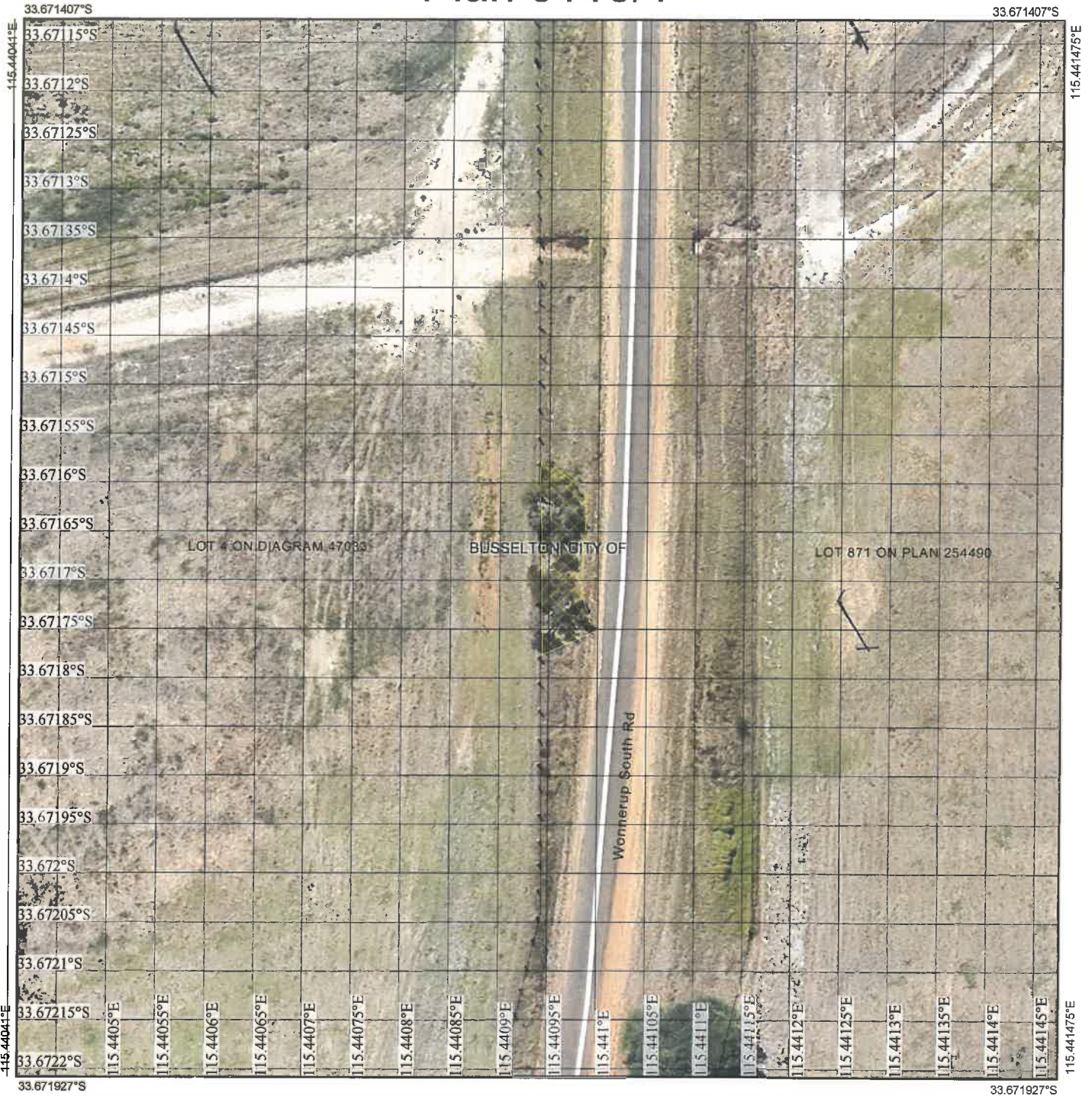


Samara Rogers
MANAGER
NATIVE VEGETATION REGULATION






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

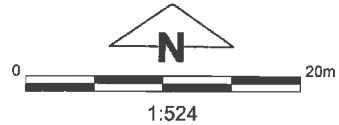
25 September 2018

Plan 8115/1



Legend

-  Roads - Local and Others
-  Imagery
-  Cadastre
-  Clearing Instruments Activities
-  Local Government Authority



(Approximate when reproduced at A4)
GDA 94 (Lat/Long)

Geocentric Datum of Australia 1994

Samara Rogers

Samara Rogers 2018.09.25 Date

13:58:00 +08'00'

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



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1. Application details

1.1. Permit application details

Permit application No.: 8115/1
Permit type: Purpose Permit

1.2. Applicant details

Applicant's name: City of Busselton
Application received: 14 February 21018

1.3. Property details

Property: WONNERUP SOUTH ROAD RESERVE - 11380879, YALYALUP
Local Government Authority: BUSSELTON, CITY OF
Localities: Yalyalup

1.4. Application

Clearing Area (ha)	No. Trees	Method of Clearing	Purpose category:
	4	Mechanical Removal	Road construction or upgrades

1.5. Decision on application

Decision on Permit Application: Granted
Decision Date: 25 September 2018
Reasons for Decision: The clearing permit application has been assessed against the clearing principles, planning instruments and other matters in accordance with section 51O of the *Environmental Protection Act 1986*. It has been concluded that the proposed clearing is at variance to principle (f) and not likely to be at variance to any of the remaining clearing principles.

Through the assessment, the Delegated Officer determined that the vegetation within the proposed clearing area is growing in association with a mapped wetland. The Delegated Officer determined that the proposed clearing of four trees is not likely to be significant.

In determining to grant a clearing permit subject to conditions, the Delegated Officer found that the proposed clearing is unlikely to lead to an unacceptable risk to the environments.

2. Site Information

Clearing Description: The application is for the proposed clearing of four trees/shrubs, within Wonnerup South Road reserve (PIN 11380879), Yalyalup for the purpose of road upgrades. The application area is indicated in Figures 1.

Vegetation Description: The vegetation within the application area is mapped as the following (Government of Western Australia, 2018):

- Abba: A mixture of open forest of *Corymbia calophylla* (Marri) - *Eucalyptus marginata* (Jarrah) - Banksia species and woodland of *Corymbia calophylla* (Marri) with minor occurrences of *Corymbia haematoxylon* (Mountain Marri). Woodland of *Eucalyptus rudis* (Flooded Gum) - Melaleuca species along creeks and on flood plains.

Vegetation within the application area consists of four Melaleuca shrubs.

Vegetation Condition: A review of the application area using information supplied by the applicant and aerial photography has determined the application area is in completely degraded condition, defined as:

Completely Degraded: The structure of the vegetation is no longer intact and the area is completely or almost completely without without native species (Keighery 1994).

Soil/Landform Type: The area is mapped within the following land subsystems (Schoknecht et al., 2004):

- Abba wet vales phase: Small narrow swampy depressions along drainage lines. Alluvial soils.

Comments: The local area considered in the assessment of this application is a ten kilometre radius measured from the perimeter of the application area.

Vegetation description and condition was determined from aerial imagery and information supplied by the applicant.

Figure 1: Application area, Wonnerup South Road (PIN: 11380879)



3. Assessment of application against clearing principles

The application is for the proposed clearing of four trees/shrubs, within Wonnerup South Road reserve (PIN 11380879), Yalyalup for the purpose of road upgrades. The application area is indicated in Figure 1.

The application area is mapped as a multiple use wetland (floodplain), therefore the vegetation within the application area is growing in association with a wetland and the proposed clearing is at variance to principle (f). Noting the condition of the vegetation and the location adjacent to an existing road, the clearing of four trees/shrubs is not likely to have a significant impact on a wetland or watercourse.

According to available databases, 18 threatened flora species and 52 priority flora species have been recorded within the local area. The nearest record of threatened flora species is 2 kilometres from the application area. Given the condition and structure of the vegetation, the application area is unlikely to include, or be necessary for the continued existence of, rare flora and unlikely to comprise a high level of biodiversity.

Noting the condition of the vegetation and its location adjacent to an existing road and the surrounding area is devoid of native vegetation, the application area is not likely to comprise a high level of biological diversity. Given the completely degraded (Keighery, 1994) condition of the vegetation, lack of understorey species and relatively small size of the application area; the proposed clearing is not likely to comprise a high level of biological diversity or significant fauna habitat.

The nearest mapped threatened or priority ecological communities is located 1454 meters from the application area. Noting the application area is four native trees, it is not likely to comprise of, or be necessary for the maintenance of a threatened ecological community.

The national objectives and targets for biodiversity conservation in Australia has a target to prevent clearance of ecological communities with an extent below 30 per cent of that present pre-1750, below which species loss appears to accelerate exponentially at an ecosystem level (Commonwealth of Australia, 2001). The remaining extent of native vegetation within mapped Abba vegetation complex within the IBRA bioregion is significantly below the minimum 30 per cent representation threshold, with approximately 6.6 per cent of its European extent remaining. As indicated in Table 1, only 0.4 per cent of the pre-European extent of the mapped Abba vegetation complex within the bioregion is contained in conservation estate, this increases the conservation value of the vegetation that is representative of this vegetation complex. Given the application area is four native *Melaleuca sp.*, it is not considered representative of the vegetation complex and is unlikely to be considered a significant remnant.

Table 1: Vegetation statistics

	Pre-European (ha)	Current Extent (ha)	Remaining (%)	Current percentage remaining within all DBCA managed land* (%)	Extent remaining in all DBCA managed lands (proportion of Pre-European extent) (%)
IBRA Bioregion*					
Swan Coastal Plain	1,501,222	578,997	38.6	-	38.5
Local government authority*					
City of Busselton	146,478	60,014	41	-	69
Vegetation complex in Bioregion*					
Abba	50,893	3,326	6.5	0.4	-

The application area is unlikely to cause appreciable land degradation, cause deterioration in the quality of surface or underground water, and is not likely to cause, or exacerbate, the incidence or intensity of flooding.

Given the above, the proposed clearing is at variance to principle (f) and not likely to be at variance to any of the remaining clearing principles.

Planning instruments and other relevant matters

The clearing permit application was advertised on the DWER website on 11 August 2018 with a 14 day submission period. No public submissions were received.

No Aboriginal Sites of Significance have been recorded within the application area.

4. References

- Commonwealth of Australia (2001) National Objectives and Targets for Biodiversity Conservation 2001-2005, Canberra.
- Government of Western Australia (2018) 2017 South West Vegetation Complex Statistics. Current as of October 2017. WA Department of Biodiversity, Conservation and Attractions, Perth.
- Keighery, B.J. (1994) Bushland Plant Survey: A Guide to Plant Community Survey for the Community. Wildflower Society of WA (Inc). Nedlands, Western Australia.
- Schoknecht, N., Tille, P. and Purdie, B. (2004) Soil-landscape mapping in South-Western Australia – Overview of Methodology and outputs' Resource Management Technical Report No. 280. Department of Agriculture.

GIS Databases:

- Aboriginal Sites of Significance
- DAFWA Heritage
- DBCA Estate
- DEC Covenant
- Groundwater salinity
- Hydrography, linear
- National Trust WA Covenant
- Remnant vegetation
- SAC bio datasets (accessed March 2018)
- Soils, Statewide
- Topographic contours
- Wetlands