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21 March 2023

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Attention: [REDACTED]

Hesperia
[REDACTED]
[REDACTED]

Delivered by email to: [REDACTED]

Dear [REDACTED]

TARGETED FLORA SURVAY AND VEGETATION RETENTION ADVICE – LOT 500 VICTORIA ROAD, KENWICK

This letter provides advice regarding vegetation retention within Lot 500 Victoria Road, Kenwick.

Introduction

Hesperia requested an assessment be completed of flora, vegetation and habitat values over Lot 500 Victoria Road, Kenwick (the site), which occurs within Precinct 1 of the Maddington Kenwick Strategic Employment Area (MKSEA).

The site is located approximately 15.3 kilometres (km) south-west of the Perth Central Business District, within the City of Gosnells.

The site is approximately 2 hectares (ha) in size and is bounded by Victoria Road to the southeast and private landholdings to the north, east and west.

Methods

An ecologist visited the site on 2 March 2023 to complete the assessment. During the survey the site was traversed on foot and the composition and condition of vegetation¹ was recorded.

Results

The site is highly disturbed and modified and almost all vegetation comprises planted or weedy non-native species in 'completely degraded' condition. Outside of residential gardens, tree canopy is dominated by the non-native *Eucalyptus camaldulensis* (river gum).

A small number (<6) scattered individuals of native species *Melaleuca raphiophylla*, *M. preissiana*, *M. seriata*, *Hypocalymma angustifolium* and ?*Lomandra* sp. occur. These plants are considered to be remnant native vegetation based on context, form and interpretation of historical aerial imagery

¹ Keighery, B. 1994, *Bushland Plant Survey: A guide to plant community survey for the community*, Wildflower Society of WA (Inc), Nedlands.

(WALIA 2022). Approximately 0.001 ha of native vegetation occurs in degraded to ‘completely degraded’ condition.

A flora list is provided as **Attachment 1**. The extent of vegetation by condition category is shown in **Figure 1**.

Discussion

In Western Australia ‘native vegetation’ is defined under section 3(1) and 51A of the *Environmental Protection Act 1986* (the EP Act) as follows:

Indigenous aquatic or terrestrial vegetation, and includes dead vegetation unless that dead vegetation is of a class declared by regulation to be excluded from this definition but does not include vegetation in a plantation.

Planted vegetation is not considered native vegetation unless:

- sown, planted or propagated as required under the EP Act or another written law
- otherwise declared by regulation to be defined as native vegetation.

Under the EP Act native vegetation cannot be cleared without a permit or valid exemption.

Additionally, native flora, fauna and ecological communities are protected under the *Biodiversity Conservation Act 2016* (BC Act) and Associated regulations and the Commonwealth *Environmental Protection Biodiversity Conservation Act 1999* (EPBC Act).

None of the flora recorded are threatened or priority species. The native vegetation in the site is not representative of any threatened or priority ecological community. The predominantly non-native vegetation has limited value to native fauna, including threatened or priority species.

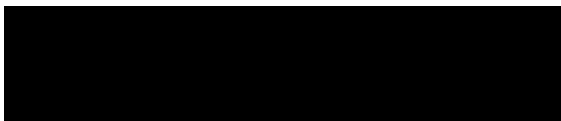
Summary and closing

The site contains 0.001 ha of native vegetation in degraded to completely degraded condition. The remainder of vegetation is non-native and occurs in completely degraded condition. No threatened or priority flora or ecological communities occur in the site. The site has very limited habitat value for native fauna including threatened or priority species.

We trust that this letter provides a sufficient summary of the flora, vegetation and fauna habitat values within the site. Should you have any questions regarding the content of this report, please do not hesitate to contact the undersigned.

Yours sincerely

Emerge Associates




PRINCIPAL ENVIRONMENTAL CONSULTANT

cc: , Activate Projects

Encl: Figure 1: Vegetation Condition
Attachment 1 - Species List

Family	Status	Species
Anacardiaceae	*	<i>Schinus terebinthifolia</i>
Areaceae	*, PL	<i>Phoenix canariensis</i>
	*, PL	<i>Washingtonia filifera</i>
Meliaceae	*, PL	<i>Melia azedarach</i>
Myrtaceae	*, PL	<i>Agonis flexuosa</i>
	*, PL	<i>Callistemon sp.</i>
	*, PL	<i>Eucalyptus camaldulensis</i>
		<i>Hypocalymma angustifolium</i>
		<i>Melaleuca preissiana</i>
		<i>Melaleuca raphiophylla</i>
	*, PL	<i>Melaleuca seriata</i>
	*, PL	<i>Syzygium smithii</i>
	*, PL	<i>Melaleuca ?viminea</i>
Oleaceae	*, PL	<i>Olea europaea</i>
Onagraceae	*	<i>Oenothera drummondii</i>
Poaceae	*, PL	<i>Cynodon dactylon</i>
	*	<i>Ehrharta calycina</i>
	*, PL	<i>Pennisetum clandestinus</i>
#N/A		<i>?Lomandra sp.</i>
	*, PL	<i>Bouteloua dactyloides</i>
	*, PL	<i>Psidium guajava</i>
	*, PL	<i>Syagrus romanzoffiana</i>
Taccaceae	*, PL	<i>?Acca sp.</i>

*=non-native, Pl=planted

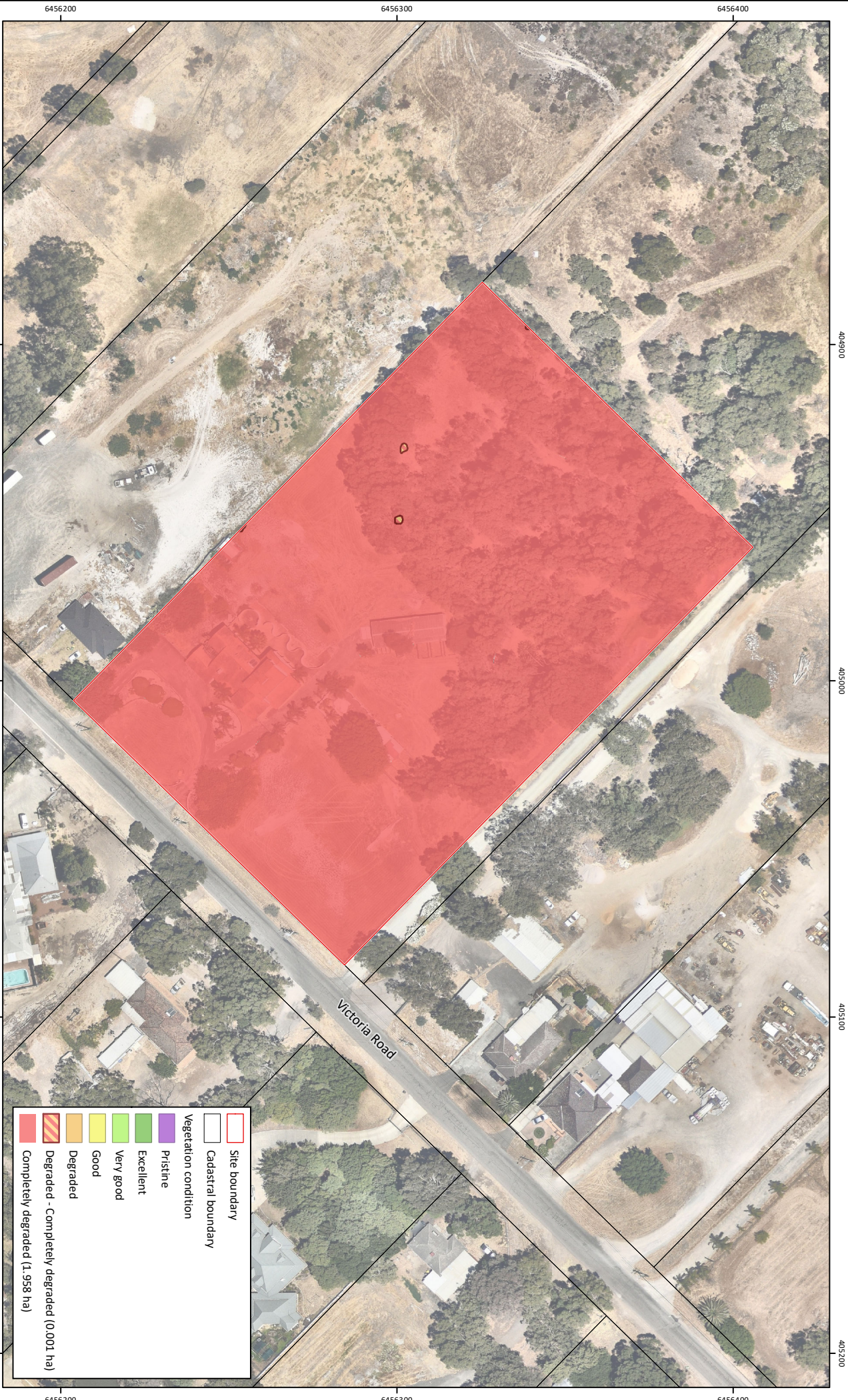


Figure 1: Vegetation Condition

Project: Flora and Vegetation Letter Report
 Lot 500 Victoria Road, Kenwick
Client: Hesperia Property Pty Ltd

Plan Number: EP21_094(03)-F17
 Drawn: GAR
 Date: 20/03/2023
 Checked: OWR
 Approved: TAA
 Date: 20/03/2023



Scale: 1:1,500@A4
 GDA 1994 MGA Zone 50

	Site boundary
	Cadastral boundary
Vegetation condition	
	Pristine
	Excellent
	Very good
	Good
	Degraded
	Degraded - Completely degraded (0.001 ha)
	Completely degraded (1.938 ha)

