

17 August 2023

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Knightside Nominees Pty Ltd

Dear Sir/Madam,

**RE: Raphael Road, Bullsbrook – Clearing Permit Application**

On behalf of the City of Swan please find attached an application for a Purpose Permit to clear 0.527ha of native vegetation in the Raphael Road reserve in Bullsbrook (Figure 1). The proposed clearing is required to improve the current Raphael Road. Some upgrades to Raphael Road have already commenced which did not require the clearing of native vegetation.

## **1 Application Area**

The application is to clear 0.527ha of native vegetation which includes several small and fragmented stands of native shrubs and trees.

## **2 Vegetation**

### **3.1 Vegetation Description**

The application area was included in a Detailed Flora and Vegetation survey of a larger area that was surveyed by Aecom for the Water Corporation in 2022.

Aecom did not record any Threatened or Priority flora species in the application area. The areas containing native vegetation were rated as Degraded and Completely Degraded with no native understorey. Aecom's mapped vegetation types in the application area were "Trees" and "Paperbark".

PGV Environmental undertook a vegetation assessment of the application area on 30 June 2023 to provide more detail of the type and location of individual trees and stands of trees and shrubs for the clearing permit application. Workplan 1 (attached) shows the location of native vegetation in the application area. The native vegetation consisted of five tree and tall shrub species as follows:

Cc – <i>Corymbia calophylla</i> (Marri)	-	0.149ha
Er – <i>Eucalyptus rudis</i> (Flooded Gum)	-	0.140ha
Mr – <i>Melaleuca raphiophylla</i>	-	0.145ha
Mp – <i>Melaleuca preissiana</i>	-	0.079ha
As – <i>Acacia saligna</i>	-	0.015ha

PGV Environmental confirmed the Aecom findings that the vegetation is in Degraded to Completely Degraded condition with no native understorey.

Examples of the vegetation in the application area are provided in Plates 1-3.

**Plate 1: Marri trees north of Stock Road junction**



**Plate 2: *Melaleuca raphiophylla* stand south of the Stock Road junction**



**Plate 3: Two *Eucalyptus rudis* trees**



The Marri trees provide foraging habitat for Forest Red-tailed and Carnaby's Black Cockatoo. The area of Marri in the application area is 0.149ha. Two Marri trees have a diameter at breast height greater than 50cm and are considered potential breeding habitat. Neither of the trees contained hollows for Black Cockatoo breeding. Where possible the road works will avoid clearing these trees. However, they have been included in the application in case avoidance is not possible.

### **3 Conclusion**

This cover letter describes the 0.527ha of native vegetation applied to be cleared from the Raphael Road reserve in Bullsbrook.

Please contact me if you would like any further information or if you would like some assistance on site during a site inspection.

Yours sincerely

A handwritten signature in blue ink, appearing to read 'Paul van der Moezel'.

Paul van der Moezel  
Managing Director

### **Accompanying Documentation**

Purpose Permit Application Form

Shapefiles in ESRI Format

**Attachments**

Attachment 1: Vegetation Map