

M01 Targeted flora survey (Rev A)

Name: Tony Battersby Date: 2 October 2020
Company: Bunbury Harvey Regional Council Job/Doc. No.: 57521
Email: tbattersby@bhrc.com.au Inquiries: Tristan Sleigh

Supplementary targeted flora survey for *Drakaea elastica* – Stanley Road Waste Facility

1. Background

Bunbury Harvey Regional Council in 2019 requested flora, vegetation, and fauna surveys to be conducted within the Stanley Road Waste Management Facility for the purpose of clearing approximately 12ha of vegetation (the Survey Area, Figure 1). During these surveys, potential habitat for the Threatened orchid species *Drakaea elastica* was recorded within the eastern portion of the proposal area. As the surveys commenced after the prime survey period for this species, a subsequent targeted survey in August 2020 was proposed to confirm the absence of this species.

This technical memorandum, supports the Flora, Vegetation and Fauna Assessment conducted by Strategen-JBS&G in October 2019.

2. Scope

The scope of this survey was to:

- Undertake a targeted flora survey of the potential *Drakaea elastica* habitat within the proposal area
- Prepare a technical memorandum summarising the results.

3. Methods

The targeted survey was conducted by Tristan Sleigh (Lead Botanist - Strategen-JBS&G) on 18 August 2020 during the primary survey period for *Drakaea elastica*. Tristan has over 13 years of survey experience within the south-west region and is suitably qualified to conduct the survey.

Survey effort for the targeted survey is illustrated in Figure 1. The potential habitat was traversed in transects ranging between 5m and 10m apart, dependant on the density of vegetation. On inspection, where specific habitat was encountered, these areas were searched in further detail. Where any potential conservation significant flora was located, a sample was taken for positive identification, and the location recorded by GPS.

4. Results and Conclusion

The survey conducted did not locate any individuals of the Threatened species *Drakaea elastica* within the Proposal area. No other species of conservation significance were recorded during this survey either.

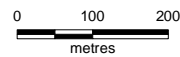
Based on the survey methodology and timing, the surveys conducted have collected adequate data to confirm the absence of any conservation significant species.



Legend:

- Project area
- Survey tracks
- Drakaea elastica* habitat
- Roads

Scale 1:10,000 at A4



**Stanley Road
Bunbury, WA**

Coord. Sys. GDA 1994 MGA Zone 50



THE SURVEY AREA

Job No: 57521

Client: Bunbury Harvey Regional Council

FIGURE 1

Version: A

Date: 02-Oct-2020

Drawn By: tsleigh

Checked By: TS

