



12 May 2020

RE: Broome Waste Facility G1 Site Extension

[REDACTED]
[REDACTED]

Talis Consultants

[REDACTED]

Spectrum Ecology have completed the detailed flora and level 2 fauna assessment of the G1 Study Area including the "crossover area" extension (see Figure 1). This land is owned by Main Roads WA and connects the site to the Great Northern Highway.

Targeted Threatened and Priority flora searches were undertaken within the crossover area. A relevé site was recorded in close proximity to the crossover area and was representative of the vegetation type found within it.

The G1 cross cover area consisted of a single vegetation type and can be described as *Corymbia zygophylla* low open woodland, over *Acacia eriopoda* low sparse shrubland with *Sorghum plumosum* tall open tussock grassland. The cross over area was recently burnt and had an estimated fire age of 1 year.

The fauna assessment within the G1 cross over area included two systematic trap locations, a bat recorder, and a nocturnal opportunistic survey site.

At the time of writing this letter, prior to formal confirmation, no Threatened or Priority flora taxa were observed in the crossover area. Preliminary field observations recorded one introduced plant species, **Stylosanthes hamata*, on the boundary between the G1 Study Area and the crossover area.

A map of the G1 Study Area and crossover area indicating the detailed flora and fauna survey effort is presented in Figure 1.

Please contact me if you require any further information in relation to the above.

Yours sincerely,

[REDACTED]
[REDACTED]

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- Legend**
- G1 Study Area
 - G1 Crossover Area
 - Detailed Flora Survey**
 - Site Traverse
 - Quadrat Site
 - Releve
 - Potential Significant Flora Locations**
 - Sersalsia sericea
 - Level 2 Fauna Survey**
 - Fauna Survey Tracks
 - Bat Recorder
 - Fauna Trapping Site
 - Opportunistic Site
 - Bird Opportunistic Site
 - Nocturnal Opportunistic Site
 - Country Manager Sign Plot
 - Reconnaissance Survey**
 - Site Traverse
 - Releve



0 0.1 0.2 0.3 km
 Scale 1:8,500
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 Project: Broome Waste Facility
 4900 West
 Spectrum ECOLOGY
 Author: CS Date: 11-05-2020

G1 Crossover Area
 Broome Waste Facility