

Habitat Suitability Index (HSI) assessment – Cornthwaite Park Wetland

Factor 1 – Geographic Location - Zone A – SI 1

Factor 2 – Between 0 and 50 square metres open water – SI 0.025

Factor 3 – Permanence – Dries annually – SI 0.1

Factor 4 – Water Quality – Poor – SI 0.33

Factor 5 – Shade – No overhanging vegetation – SI 1.0

Factor 6 – Waterfowl – Absent – SI 1

Factor 7 – Fish – Absent SI 1

Factor 8 Pond Count – 0 (none where there are no barriers such as roads in between)
SI 0.1

Factor 9 – Terrestrial Habitat – Habitat with poor structure, e.g. amenity grassland
SI - 0.33

Factor 10 – Macrophytes – low to absent – SI 0.3

Using the Habitat Suitability Index automatic calculator this gives an HSI = 0.31

This is <0.5 and the habitat is graded as poor.

Weather conditions fine. Heavy rain in recent days after second site visit.
Surveys March 17th 2015