

Appendix 2: Pond parameters and Habitat Suitability Index for site at the Cumberlands, Weston Coyney

Table 1.2: Habitat Suitability Index (HSI) scoring

	Pond 1	
Feature	Value	HS1 Score
Geographical Area	A	1
Pond Area	50m ²	0.2
Pond Drought Years	none	0.9
Water Quality	unknown	0.33
Shade	100	0.2
Water Fowl	none	0.67
Fish	Low possibility	0.67
Pond Count	12 ponds (/ 3.14 = 3.8)	9.5
Terrestrial Habitat	moderate	0.67
Macrophyte Cover %	5%	0.35
HSI VALUE	average	0.51

HSI Score Pond Suitability

< 0.5 Poor

0.5 – 0.59 Below average

0.6 – 0.69 Average

0.7 – 0.79 Good

> 0.8 Excellent