



West Winch Housing Access Road

Environmental Statement Chapter 8: Biodiversity Annex 8.16 Great Crested New Survey Report Appendix B

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1 Introduction

1.1.1 Table 1-1 shows the Habitat Suitability Index (HSI) calculations and results including the pond reference, grid reference, date of the HIS, geographic location, pond Area, permanence, water quality, shade, fowl, fish, pond count, terrestrial habitat, macrophyte cover, HSI score and HSI category.

Table 1-1 – HSI Calculations

Pond reference	Grid reference	Date of HSI	Geographic Location	Pond Area	Permanence	Water Quality	Shade	Fowl	Fish	Pond Count	Terrestrial	Macrophytes	HSI Score	HSI Category
Pond 1	TF 63955 18118	16/04/2021	1	0.4	1	0.67	0.3	0.67	0.33	0.2	0.33	0.35	0.46	Poor
Pond 2	TF 63456 17986	10/05/2021	1	0.4	0.1	0.33	1	1	1	1	1	0.7	0.65	Average
Pond 3	TF 63361 17977	10/05/2021	1	0.4	0.1	0.33	1	1	1	1	1	0.7	0.65	Average
Pond 4	TF 63392 17964	10/05/2021	1	0.4	0.1	0.33	1	1	1	1	1	0.7	0.65	Average
Pond 5	TF 63546 17936	10/05/2021	1	1	0.5	1	1	1	1	1	1	0.7	0.71	Good
Pond 6	TF 63417 17842	1	0.4	0.1	0.33	1	1	1	0.85	1	0.7	0.62	Average	Dry
Pond 7	TF 63427 17838	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Dry
Pond 8	TF 63368 17835	16/04/2021	1	1	0.5	0.01	0.6	1	1	0.75	0.67	0.3	0.46	Poor
Pond 9	TF 64003 17772	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Pond had been filled in
Pond 10	TF 63619 17741	17/04/2019	1	0.3	0.9	0.67	1	0.67	1	0.65	1	0.35	0.7	Good
Pond 11	TF 63595 17130	16/04/2021	1	0.4	0.1	0.33	1	1	1	0.85	1	0.7	0.62	Average
Pond 12	TF 64130 16994	11/05/2021	1	0.2	0.1	0.33	0.2	1	1	1	1	0.35	0.464	Poor
Pond 13	TF 64138 16980	11/05/2021	1	0.2	0.1	0.33	0.2	1	1	1	1	0.6	0.49	Poor
Pond 14	TF 63633 16952	16/04/2021	1	0.8	0.9	0.67	0.6	0.01	0.01	0.975	1	0.9	0.35	Poor
Pond 15	TF 63372 16889	16/04/2021	1	0.8	0.5	0.67	0.2	1	1	0.9	0.33	0.5	0.62	Average

Pond reference	Grid reference	Date of HSI	Geographic Location	Pond Area	Permanence	Water Quality	Shade	Fowl	Fish	Pond Count	Terrestrial	Macrophytes	HSI Score	HSI Category
Pond 16	TF 63993 16807	16/04/2021	1	0.6	1	0.33	0.4	0.67	1	0.95	0.67	0.4	0.65	Average
Pond 17	TF 63995 16794	16/04/2021	1	0.6	1	0.33	0.4	0.67	1	0.95	0.67	0.4	0.65	Average
Pond 18	TF 64177 16614	16/04/2021	1	0.8	0.9	1	1	0.67	1	1	0.01	0.5	0.55	Below Average
Pond 19	TF 64369 16423	17/04/2019	1	0.95	0.9	0.33	0.2	0.67	0.67	1	1	0.3	0.61	Average
Pond 20	TF 64403 16150	16/04/2021	1	0.45	0.9	0.67	1	0.67	1	1	0.33	0.6	0.72	Good
Pond 21	TF 63257 15721	16/04/2021	1	0.8	0.9	1	1	0.01	0.01	0.65	0.33	0.7	0.32	Poor
Pond 22	TF 63952 15615	16/04/2021	1	0.55	0.9	1	1	0.01	0.33	0.975	0.67	0.55	0.48	Poor
Pond 23	TF 64179 15587	17/04/2019	1	1	0.9	0.67	1	0.67	0.33	0.95	0.67	0.7	0.75	Good
Pond 24	TF 64111 15328	16/04/2021	1	0.895	1	1	1	0.67	0.67	0.95	0.67	0.35	0.79	Good
Pond 25	TF 63083 14443	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	N/A	Geographically isolated from the Scheme
Pond 26	TF 63359 14424	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	Not surveyed	N/A	Geographically isolated from the Scheme