

APPENDIX 8.3

HABITAT SUITABILITY CALCULATION

Appendix 8.3 – GCN Habitat Suitability Index Calculation

| | |
|-------------|------------------------------|
| Site | Land South of Radwinter Road |
| Project No. | PE0166 |
| Pond No. | 1 |
| Grid Ref. | TL55673788 |

| SI No. | SI Description | SI Value |
|------------------|---------------------|-------------|
| 1 | Geographic location | 1 |
| 2 | Pond area | 0.2 |
| 3 | Pond permanence | 0.1 |
| 4 | Water quality | 0.33 |
| 5 | Shade | 1 |
| 6 | Waterfowl effect | 1 |
| 7 | Fish presence | 1 |
| 8 | Pond Density | 0.3 |
| 9 | Terrestrial habitat | 0.33 |
| 10 | Macrophyte cover | 0.3 |
| HIS Score | | 0.43 |
| Pond Suitability | | Poor |