# Field Data Form

|  |  |  |
| --- | --- | --- |
| **Data Required** | **Type** | **Example** |
| Surveyor | Text | J.Smith |
| Survey Date | Date | 26/06/2019 |
| Start Time | hh:mm | 14:35 |
| Pond Ref No | Integer | 3 |
| Pond Name/Location | Text | Smithy Pond |
| Pond Latitude | Decimal | 52.345 |
| Pond Longitude | Decimal | -1.233 |
|  |  |  |
| Recorder Make/Model | Text | Tascam DR-100 |
| Hydrophone Make/Model | Text | JRF Model C |
| Sample Rate (kHz) | Integer | 48 |
| Bit-depth | Integer | 24 |
| Gain setting (dB) | Integer | 12 |
|  |  |  |
| Air temperature (˚C) | Integer | 15 |
| Rain? (yes = 1/no = 0) | Boolean | 0 (no) |
| Cloud cover % | Integer % | 20 |
|  |  |  |
| Pond Area m2 (at highest water level) | Integer | 110 |
| Inflow (present = 1/absent = 0) | Boolean | 0 (absent) |
| Permanence (dries never, rarely, sometimes, annually) | Text | Rarely |
| Water quality (good, moderate, poor, bad) | Text | Moderate |
| Shading of perimeter (% of pond perimeter overhung) | Integer % | 25 |
| Macrophyte cover (at pond surface) % | Integer % | 35 |
| Waterfowl impact (absent/minor/major) | Text | Absent |
| Fish present? (Absent, possible, minor popn, major popn) | Text | Minor |
| Terrestrial habitat quality around pond (Good, moderate, poor, none) | Text | Moderate |
|  |  |  |
| Photograph references | Text | 134.jpg |
|  |  |  |
| Audio file references | 1 | 20190626\_0037.wav |
|  | 2 | 20190626\_0038.wav |
|  | 3 | 20190626\_0039.wav |
|  | 4 | 20190626\_0040.wav |
|  | 5 | 20190626\_0041.wav |
|  | 6 | 20190626\_0042.wav |
|  | 7 | 20190626\_0043.wav |
|  | 8 | 20190626\_0044.wav |
|  | 9 | 20190626\_0045.wav |
|  | 10 | 20190626\_0046.wav |
|  |  |  |
| Optional - water chemistry |  |  |
| pH | Decimal | 6.8 |
| Dissolved Oxygen (mg/L) | Decimal | 10.5 |
| Total dissolved solids (mg/L) | Decimal | 850 |
| Conductivity (µS/cm) | Integer | 1350 |
| Water temperature (°C) | Decimal | 14.5 |
|  |  |  |