

Assessment in the UK and Ireland – Terrestrial, Freshwater, Coastal and Marine’ (Ref 6). These give advice on scoping and carrying out environmental assessments and place appraisal in the context of relevant policies. Data received through consultation, desk-based studies and field-based surveys are used to allow relevant ecological features (i.e. designated sites, ecosystems, habitat and species) of importance (or potential value) to be identified, and the main factors contributing to their value described and related to available guidance.

Ecological features; in this case legally protected species i.e. the great crested newt, may be important for multiple different reasons (e.g. rarity in a particular geographic context; role in habitat connectivity; or a species on the edge of their range). Relevant reasons for which an ecological feature is important are described and considered in order to assign each relevant ecological feature an overall value in accordance with the following geographical frames of reference:

- international (i.e. European);
- national (i.e. England);
- regional (i.e. Yorkshire and the Humber);
- county (i.e. East Riding of Yorkshire/North Yorkshire (Drax area));
- local (i.e. Survey Area and up to 2 km radius); and
- negligible (used where the value is lower than the Local level).

Annex 3 Table C-1: Details of the waterbodies within the Survey Area (2021)

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|--|-------------------------|-------------|---------------------|
| P001 | TA1679564015 | 457 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P002 | TA1682462910 | 446 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P003 | TA1669062761 | 639 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P004 | TA1559863295 | 114 | Roughly circular pond connected to ditch, surrounded by Reedbed and dense scrub on all sides. Sparse macrophytes and emergent aquatic vegetation, depth over 30 cm. Inflow from ditch. | 0.70 - Good | N/A | N/A |
| P005 | TA1469363700 | 798 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P006 | TA1421962780 | 669 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P007 | TA1452162403 | 322 | HSI completed, scoped out - distance from route. | 0.64 - Average | N/A | N/A |
| P008 | TA1394662147 | 641 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P009 | TA1446062001 | 174 | Area of standing water where ditch widens. | 0.31 - Poor | N/A | N/A |
| P010 | TA1522961622 | 17 | HSI required, access constraints. | N/A | N/A | N/A |
| P011 | TA1490361017 | 416 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P012 | TA1488960634 | 34 | HSI required, access constraints. | N/A | N/A | N/A |
| P013 | TA1424060521 | 196 | Large waterbody fenced off in pasture field, large amount of bulrush <i>Typha latifolia</i> and bullrush, surrounded by tall ruderal herbs. | 0.44 - Poor | N/A | N/A |

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P014 | TA1399260624 | 297 | No pond present at time of survey has potential to hold water at a different time of year. The presence of aquatic vegetation suggested area frequently has water present. | N/A - Dry | N/A | N/A |
| P015 | TA1392460886 | 96 | No pond present at time of survey has potential to hold water at a different time of year | N/A - Dry | N/A | N/A |
| P016 | TA1299761054 | 353 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P017 | TA1299860813 | 258 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P018 | TA1323059812 | 505 | HSI completed, scoped out - distance from route. | 0.66 - Average | N/A | N/A |
| P019 | TA1206459583 | 92 | Likely to be dry in spring/summer. Seasonal pool, 8 x 3 m max, depth 20 cm. Cattle poached, turgid. Hard rush <i>Juncus inflexus</i> , creeping buttercup <i>Ranunculus repens</i> present, no macrophytes. | 0.44 – Poor | N/A | N/A |
| P020 | TA1194559664 | 22 | Shaded, fenced pond in grazed field. Depth estimated at 0.3 m, size 20 x 4 m. no macrophytes, water heavy with tannins. | 0.52 – Below Average | N/A | N/A |
| P021 | TA1123859442 | 9 | Within and surrounded by active quarry site - unsafe to survey for eDNA - steep, deep, brambles <i>Rubus fruticosus</i> present. | 0.67 - Average | N/A | N/A |
| P022 | TA1034060364 | 1136 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P023 | TA1016159885 | 862 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P024 | TA1002259892 | 880 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P025 | TA0989459952 | 958 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P026 | TA1005259713 | 716 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P027 | TA1000059727 | 723 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P028 | TA1003359115 | 121 | Landowner has had survey undertaken and confirmed presence of GCN. | 0.81 - Excellent | N/A | N/A |

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P028a | TA0994759114 | 117 | Landowner has had survey undertaken and confirmed presence of GCN. | 0.71 - Good | N/A | N/A |
| P029 | TA1011259057 | 79 | HSI required, access constraints. | N/A | N/A | N/A |
| P030 | TA1007558924 | Within | HSI required, access constraints. | N/A | N/A | N/A |
| P031 | TA0896458357 | 255 | HSI completed, scoped out - distance from route. | 0.70 – Good | N/A | N/A |
| P032 | TA0819759284 | 444 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P033 | TA0824858284 | 92 | Irregular shape pond at the bottom of poor semi-improved grassland. Willow trees growing throughout pond area (scoped out from further survey – distance from route). | 0.74 - Good | N/A | N/A |
| P034 | TA0630958047 | 599 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P035 | TA0590857918 | 501 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P036 | TA0606457596 | 150 | HSI required, access constraints. | N/A | N/A | N/A |
| P037 | TA0648557072 | 195 | HSI required, access constraints. | N/A | N/A | N/A |
| P038 | TA0518157397 | 685 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P039 | TA0464055270 | 295 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P040 | TA0452055396 | 167 | HSI required, access constraints. | N/A | N/A | N/A |
| P041 | TA0421555223 | 281 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P042 | TA0296055058 | 527 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P043 | TA0282154775 | 579 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

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|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P044 | TA0345954340 | 14 | HSI required, access constraints. | N/A | N/A | N/A |
| P045 | TA0252254720 | 612 | HSI completed, scoped out - distance from route. | 0.6 - Average | Negative | 03/06/21 |
| P046 | TA0233154675 | 628 | Pond dry, scoped out - distance from route. | N/A - Dry | N/A | N/A |
| P047 | TA0218154447 | 489 | Pond dry, scoped out - distance from route. | N/A - Dry | N/A | N/A |
| P048 | TA0256053925 | 65 | Pond filled in. | N/A – Not present | N/A | N/A |
| P049 | TA0254553832 | 139 | Underground spring-fed, clear water, 2.5 m x 25 m, depth maximum 30 cm. Abundant emergent and marginal vegetation. | 0.68 - Average | N/A | N/A |
| P052 | TA0163954056 | 496 | HSI completed, scoped out - distance from route. | 0.75 – Good | Negative | 28/04/21 |
| P053 | TA0288553422 | 604 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P054 | TA0221753287 | 226 | HSI required, access constraints. | N/A | N/A | N/A |
| P055 | TA0165352648 | 246 | Pond dry at time of survey but evidence of presence | N/A - Dry | N/A | N/A |
| P056 | TA0128852691 | 124 | Pond dry at time of survey but evidence of presence | N/A - Dry | N/A | N/A |
| P057 | TA0002352501 | 97 | Pond with steep sides surrounded by small woodland and arable fields, shallow, no more than 40 cm deep with silt bottom | 0.65 - Average | N/A | N/A |
| P058 | SE9764250828 | 489 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P059 | SE9696849720 | 358 | HSI completed, scoped out - distance from route. | 0.44 - Poor | N/A | N/A |
| P060 | SE9611049511 | 298 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P061 | SE9680748164 | 672 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P062 | SE9416946671 | 576 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

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|---------|--------------------------------|--|--|-------------------------|-------------|---------------------|
| P063 | SE9312846732 | 90 | Circular stock pond with good water clarity, no macrophytes and terrestrial grasses emerging across 30% of pond. One semi mature willow, pond is in a small depression surrounded by bramble and improved grassland. | 0.71 – Good | N/A | N/A |
| P064 | SE9339846008 | 258 | Pond not present, scoped out - distance from route. | N/A | N/A | N/A |
| P065 | SE9413345013 | 1052 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P066 | SE9393844379 | 476 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P067 | SE9343643064 | 561 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P068 | SE9175643313 | 204 | Pond filled in. | N/A – Not present | N/A | N/A |
| P069 | SE9107242838 | 189 | Silage pond in middle of arable field, not suitable for GCN | 0.54 - Below Average | N/A | N/A |
| P070 | SE8977241339 | 214 | HSI required, access constraints. | N/A | N/A | N/A |
| P071 | SE8950140315 | 219 | HSI required, access constraints. | N/A | N/A | N/A |
| P072 | SE8910440170 | 331 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P073 | SE8888140431 | 12 | HSI completed – pond dry | N/A | N/A | N/A |
| P074 | SE8860540472 | 51 | Small oval pond surrounded by dense scrub. Water unlikely to be polluted due to surrounding land use but no submerged vegetation visible. Reed sweet grass band and rushes present at pond margins | 0.66 - Average | N/A | N/A |
| P075 | SE8851240758 | 223 | Round field pond surrounded by dense willow scrub, drawdown 50 cm, no aquatic vegetation but some <i>Lemna</i> sp. and leaf litter. Water brown and turbid. | 0.66 - Average | N/A | N/A |
| P076 | SE8853841133 | 407 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

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|---------|--------------------------------|--|--|-------------------------|-------------|---------------------|
| P077 | SE8769640744 | 670 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P078 | SE8801740091 | 36 | A large rectangular reservoir, lined with no vegetation and pumping equipment. | 0.72 - Good | N/A | N/A |
| P079 | SE8860139941 | 272 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P080 | SE8817239628 | 182 | Triangular dug pond in corner of field, overhung for 50% by willow and surrounded by bramble scrub and hawthorn hedgerows. Thin band of marginal sedges, no submerged or floating veg or macrophytes. | 0.67 – Average | N/A | N/A |
| P081 | SE8785639434 | 10 | Irregular shaped woodland pond with 50cm shelf and leaf litter substrate. No aquatic vegetation, semi mature willow growing out of pond, water level 15cm with drawdown of 50cm. No marginal or emergent vegetation. | 0.68 - Average | N/A | N/A |
| P082 | SE8726738665 | 377 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P083 | SE8593038613 | 265 | HSI completed, scoped out - distance from route. | 0.78 - Good | N/A | N/A |
| P084 | SE8568538434 | 295 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P085 | SE8548238390 | 360 | HSI completed, scoped out - distance from route. | 0.79 – Good | Negative | 28/04/21 |
| P086 | SE8551138200 | 213 | HSI required, access constraints. | N/A | N/A | N/A |
| P087 | SE8540938027 | 190 | Large pond surrounded by woodland. Dense bramble and deep mud prevented access to some of margin. | 0.64 – Average | Negative | 28/04/21 |
| P088 | SE8565037705 | 73 | HSI required, access constraints. | N/A | N/A | N/A |
| P089 | SE8569037713 | 129 | HSI required, access constraints. | N/A | N/A | N/A |
| P090 | SE8609337876 | 281 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P091 | SE8505037123 | 174 | HSI required, access constraints. | N/A | N/A | N/A |

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|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P092 | SE8480336935 | 216 | Large pond surrounded by scrub and embankment. Dense bramble prevented access to 25% of margin. | 0.63 – Average | Negative | 28/04/21 |
| P093 | SE8443337694 | 243 | HSI completed, scoped out - distance from route. | 0.86 - Excellent | Negative | 27/05/21 |
| P094 | SE8440337790 | 312 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P095 | SE8439337756 | 284 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P096 | SE8427437931 | 325 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P097 | SE8431537813 | 258 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P098 | SE8435037579 | 22 | Long water body with dense common reed <i>Phragmites australis</i> and bulrush along the edges. | 0.79 - Good | Negative | 27/05/21 |
| P099 | SE8431837203 | Within | Former canal? Blocked off to form elongated pond. 10 m x 400 m, 1 m deep. | 0.77 – Good | N/A | N/A |
| P100 | SE8430636928 | 181 | Former canal? Blocked off to form elongated pond. 10 m x 120 m, 1 m deep. | 0.78 – Good | N/A | N/A |
| P101 | SE8408137000 | 137 | Large pond surrounded by plantation woodland and arable field with gently sloped vegetated banks of perennial ryegrass <i>Lolium perenne</i> , bramble, common horsetail <i>Equisetum arvense</i> and common reed. Deep and permanent with silt bottom. | 0.75 – Good | N/A | N/A |
| P102 | SE8403637061 | 73 | Large rectangular pond, c. 30 m x 80 m, depth greater than 1 m. Fringed by narrow band of willow and silver birch <i>Betula pendula</i> , with occasional pedunculate oak <i>Quercus robur</i> . | 0.74 - Good | N/A | N/A |
| P103 | SE8402536993 | 161 | Pond scrubbed over with willow, dry in November - unlikely to hold water in spring/summer. | N/A – Not present | N/A | N/A |
| P104 | SE8400637011 | 143 | Pond dry in November - unlikely to hold water in spring/summer. | N/A – Not present | N/A | N/A |

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|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P105 | SE8399337023 | 132 | Pond dry in November - unlikely to hold water in spring/summer. | N/A – Not present | N/A | N/A |
| P106 | SE8397336982 | 124 | Large oblong pond, c. 30 m x 100 m. Depth greater than 1 m. Fringed by willow and silver birch, occasional stands of bulrush. Duckweed present. | 0.77 - Good | N/A | N/A |
| P107 | SE8401936928 | 205 | Pond filled in - dry in November. | N/A – Not present | N/A | N/A |
| P108 | SE8384537568 | 255 | HSI completed, scoped out - distance from route. | 0.39 - Poor | Negative | 27/05/21 |
| P109 | SE8371737359 | 148 | Shallow pond with steep sides vegetated with thick bramble and nettles <i>Urtica dioica</i> within a recently planted willow woodland. | 0.88 - Excellent | Negative | 27/05/21 |
| P110 | SE8352737401 | 288 | HSI completed, scoped out - distance from route. | 0.75 - Good | Negative | 27/05/21 |
| P111 | SE8353237150 | 66 | Bulrush dominated pond with broad leaved willowherb <i>Epilobium montanum</i> , held water in August. Would be difficult to survey using traditional methods. | 0.86 - Excellent | N/A | N/A |
| P112 | SE8367536732 | 74 | Pond within woodland with gently sloped vegetated banks of ivy <i>Hedera helix</i> , <i>Arrhenatherum elatius</i> , and hawthorn <i>Crataegus monogyna</i> shrubs. Unsuitable for bottle trapping due to shrubs. Hawthorn scrub will limit accessible area. | 0.71 - Good | N/A | N/A |
| P113 | SE8366736038 | 723 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P114 | SE8346636183 | 532 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P115 | SE8336636340 | 339 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P116 | SE8305636380 | 184 | HSI required, access constraints. | N/A | N/A | N/A |
| P117 | SE8280636772 | 170 | Pump present at pond being used for agricultural water extraction. Steep sided to southern end. | 0.67 - Average | N/A | N/A |
| P118 | SE8296036164 | 366 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

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|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P119 | SE8290536164 | 328 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P120 | SE8284136054 | 309 | HSI completed, scoped out - distance from route. | 0.79 - Good | N/A | N/A |
| P121 | SE8273136198 | 178 | Small pond in edge of arable field, holds water most of time according to owner, dense bulrush. | 0.63 - Average | N/A | N/A |
| P122 | SE8252036197 | Within | Irregular shaped pond, 30 m x 50 m and open, with marginal common reed and dominant bulrush. | 0.74 - Good | N/A | N/A |
| P123 | SE8244436401 | 10 | Large man made lagoon. Whilst highly unlikely to support GCN given proximity to potential route would require eDNA or presumption of potential presence or eDNA sampling in 2022. 2 kits would be required. | 0.57 - Below Average | N/A | N/A |
| P124 | SE8220036311 | 40 | Small circular pond, shaded by willow, bulrush present. Partially dry. | 0.55 - Below Average | N/A | N/A |
| P125 | SE8188236529 | 427 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P126 | SE8190735843 | 12 | Long, wide dug out drain. Bulrush dominant at western end, possibly easier to sample here. | 0.66 - Average | N/A | N/A |
| P127 | SE8200035062 | 235 | Irregular shaped pond dug 3 years ago, sparse marginal vegetation. Algae and pondweed present, surrounded by amenity grassland. | 0.70 - Good | N/A | N/A |
| P128 | SE8185634927 | 222 | HSI required, access constraints. | N/A | N/A | N/A |
| P129 | SE8151435432 | 8 | Small pond in strip of woodland adjacent to lane, heavily shaded with no aquatic vegetation and dense leaf litter in bottom. | 0.58 - Below Average | Negative | 11/05/21 |
| P129a | SE8147436400 | 635 | HSI completed, scoped out - distance from route. | 0.74 - Good | Negative | 11/05/21 |
| P129b | SE8150236210 | 748 | HSI completed, scoped out - distance from route. | 0.78 - Good | N/A | N/A |
| P130 | SE8123735714 | 332 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P131 | SE8088535666 | 584 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

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|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P132 | SE8075435389 | 528 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P133 | SE8036135554 | 660 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P134 | SE8053735336 | 623 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P135 | SE8076834805 | 59 | HSI required, access constraints. | N/A | N/A | N/A |
| P136 | SE8030635419 | 523 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P137 | SE8096034424 | 282 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P138 | SE8080834230 | 235 | HSI required, access constraints. | N/A | N/A | N/A |
| P139 | SE7997635046 | 139 | HSI required, access constraints. | N/A | N/A | N/A |
| P140 | SE8003935095 | 157 | HSI required, access constraints. | N/A | N/A | N/A |
| P141 | SE7985335079 | 40 | HSI required, access constraints. | N/A | N/A | N/A |
| P142 | SE7996735016 | 111 | HSI required, access constraints. | N/A | N/A | N/A |
| P143 | SE7966734845 | 15 | Roadside pond in arable margin, heavily shaded/ scrubbed up with willow, elder, ash, bramble and common nettle present. | 0.28 - Poor | N/A | N/A |
| P144 | SE7978834817 | 3 | Oblong pond in arable field, dense willow scrub to 75% and bulrushes limit view. Holding water at time of survey. Dense willow dominant scrub with occasional hawthorn. | 0.64 - Average | N/A | N/A |
| P145 | SE7968634621 | 165 | Circular farm pond approximately 25 x 25 m, 50% fringed with willow, depth 1 m. | 0.71 - Good | N/A | N/A |
| P146 | SE8056033851 | 355 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P147 | SE7941334518 | 320 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

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|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P148 | SE7998833473 | 236 | Standing water in ditch running between two arable fields, ditch has tall ruderal herbs on ditch verge. | 0.77 - Good | N/A | N/A |
| P149 | SE7976333806 | 34 | Pond not present. | N/A – Not present | N/A | N/A |
| P150 | SE7930734010 | 274 | Pond not present. | N/A – Not present | N/A | N/A |
| P151 | SE7918133933 | 318 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P152 | SE8017733296 | 653 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P153 | SE7825933461 | 690 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P154 | SE7830933353 | 652 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P155 | SE7869033082 | 428 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P156 | SE7908832940 | 280 | HSI completed, scoped out - distance from route. | 0.91 - Excellent | N/A | N/A |
| P157 | SE7954332637 | 113 | HSI required, access constraints. | N/A | N/A | N/A |
| P158 | SE7929532445 | 20 | HSI required, access constraints. | N/A | N/A | N/A |
| P159 | SE7914832163 | 39 | HSI required, access constraints. | N/A | N/A | N/A |
| P160 | SE7844032272 | 253 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P161 | SE7841532250 | 257 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P162 | SE7937032033 | 213 | HSI required, access constraints. | N/A | N/A | N/A |
| P163 | SE7944532010 | 253 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P164 | SE7921231827 | 331 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P165 | SE7871831814 | 93 | HSI required, access constraints. | N/A | N/A | N/A |
| P166 | SE7860732050 | 4 | No pond present | N/A - pond present | N/A | N/A |
| P167 | SE7846931984 | 133 | No pond present | N/A - No pond present | N/A | N/A |
| P168 | SE7789232187 | 432 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P169 | SE7784431843 | 102 | Scrubbed over inline pond. | 0.42 - Poor | N/A | N/A |
| P170 | SE7812431767 | 50 | HSI required, access constraints. | N/A | N/A | N/A |
| P171 | SE7815831802 | 59 | Stocked (fish) large garden pond | 0.50 – Below Average | Negative | 23/04/21 |
| P172 | SE7820331804 | 31 | Stocked (fish) small garden pond | 0.34 – Poor | Negative | 23/04/21 |
| P173 | SE7821231776 | 6 | Small garden pond | 0.58 – Below Average | Negative | 23/04/21 |
| P174 | SE7847731630 | 38 | HSI required, access constraints. | N/A | N/A | N/A |
| P175 | SE7887331364 | 509 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P176 | SE7848631228 | 201 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P177 | SE7848231287 | 197 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P178 | SE7846731346 | 189 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P179 | SE7842031301 | 100 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P180 | SE7835531292 | 68 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P181 | SE7706531800 | 160 | Shaded pond at arable boundary, nearly dry | 0.28 - Poor | N/A | N/A |
| P182 | SE7709731514 | Within | Small long arable field, 10 x 5 m, almost dry. Bulrush on 60% margin. | 0.31 - Poor | N/A | N/A |
| P183 | SE7751530848 | 631 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P184 | SE7692530855 | 334 | HSI completed, scoped out - distance from route. | 0.53 - Below Average | N/A | N/A |
| P185 | SE7689330823 | 349 | HSI completed, scoped out - distance from route. | 0.68 - Average | N/A | N/A |
| P186 | SE7685930500 | 611 | HSI completed, scoped out - distance from route. | 0.74 - Good | N/A | N/A |
| P187 | SE7668030510 | 530 | No pond present, scoped out - distance from route. | N/A - Dry | N/A | N/A |
| P188 | SE7666831306 | 111 | No pond present | N/A - Dry | N/A | N/A |
| P189 | SE7625631076 | 89 | No pond present | N/A - No pond present | N/A | N/A |
| P190 | SE7571631372 | 580 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P191 | SE7601830869 | 5 | No pond present | N/A - Dry | N/A | N/A |
| P192 | SE7592030988 | 154 | No pond present | N/A - Dry | N/A | N/A |
| P193 | SE7586830953 | 140 | No pond present | N/A - Dry | N/A | N/A |
| P194 | SE7577330930 | 150 | No pond present | N/A - Dry | N/A | N/A |
| P195 | SE7573030937 | 168 | No pond present | N/A - Dry | N/A | N/A |
| P196 | SE7559930915 | 146 | No pond present | N/A - Dry | N/A | N/A |

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P197 | SE7553230876 | 106 | Large pond in woodland | 0.59 – Below Average | Negative | 05/05/21 |
| P198 | SE7549430847 | 78 | Four x 20 m depression between two arable fields. heavily shaded and willow trees overhanging water. Approx. 40 cm deep | 0.45 – Poor | N/A | N/A |
| P198B | SE7556530897 | 142 | Shallow field pond surround by trees/scrub. possibly dries | 0.55 – Below Average | Negative | 23/04/21 |
| P199 | SE7598630445 | 306 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P200 | SE7592930310 | 414 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P201 | SE7589630178 | 529 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P202 | SE7592330013 | 675 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P203 | SE7548430008 | 272 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P204 | SE7558230422 | 230 | HSI required, access constraints | N/A | N/A | N/A |
| P205 | SE7555030429 | 226 | HSI required, access constraints | N/A | N/A | N/A |
| P206 | SE7540931215 | 457 | HSI completed, scoped out - distance from route. | 0.59 – Below Average | N/A | N/A |
| P207 | SE7536331137 | 348 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P208 | SE7530431159 | 392 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P209 | SE7526631116 | 344 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P210 | SE7529631049 | 213 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P211 | SE7534931035 | 288 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|--|-------------------------|-------------|---------------------|
| P212 | SE7519531244 | 463 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P213 | SE7521531088 | 310 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P214 | SE7521531068 | 288 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P215 | SE7521731040 | 260 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P216 | SE7525730679 | 116 | No pond present – actually a building but misclassified as a pond by GIS | N/A - No pond present | N/A | N/A |
| P217 | SE7510930685 | 46 | No pond present | N/A - Dry | N/A | N/A |
| P218 | SE7504030843 | 116 | Small pond in caravan park | 0.66 – Average | Negative | 05/05/21 |
| P219 | SE7503030571 | Within | No pond present | N/A - Dry | N/A | N/A |
| P220 | SE7474830902 | 272 | Large ornamental waterbody stocked with Koi carp – unsuitable | 0.31 Poor | N/A | N/A |
| P221 | SE7472529716 | 480 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P222 | SE7468129819 | 386 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P223 | SE7430630123 | 163 | HSI required, access constraints | N/A | N/A | N/A |
| P224 | SE7426331004 | 603 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P225 | SE7385231041 | 432 | HSI completed, scoped out - distance from route. | 0.62 – Average | Positive | 21/04/21 |
| P226 | SE7399330811 | 360 | HSI completed, scoped out - distance from route. | 0.76 – Good | N/A | N/A |
| P227 | SE7386830721 | 291 | No pond present, some small patches of aquatic vegetation. Small log store and chopped wood piles. | N/A - No pond present | N/A | N/A |
| P228 | SE7396130699 | 271 | HSI completed, scoped out - distance from route. | 0.43 - Poor | Negative | 21/04/21 |

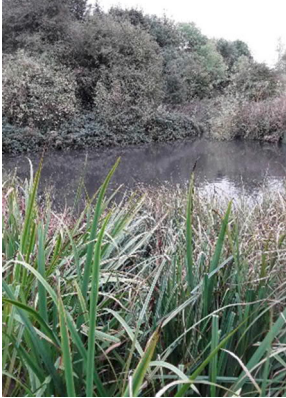

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|--|-------------------------|-------------|---------------------|
| P229 | SE7400130709 | 279 | HSI completed, scoped out - distance from route. | 0.79 – Good | Positive | 21/04/21 |
| P229b | SE7394530738 | 318 | HSI completed, scoped out - distance from route. | 0.66 – Average | Negative | 21/04/21 |
| P230 | SE7392230638 | 204 | Recreational pond surrounded by semi-improved grassland and woodland, with stands of bulrush and reed canary-grass <i>Phalaris arundinacea</i> and areas of algae. | 0.75 – Good | Positive | 21/04/21 |
| P231 | SE7532631015 | 260 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P232 | SE7301729871 | 61 | Completely shaded and inaccessible pond. Likely to be dry every year. Unsuitable for GCN | N/A - Dry | N/A | N/A |
| P233 | SE7304129527 | 378 | Pond dry, scoped out - distance from route. | N/A - Dry | N/A | N/A |
| P234 | SE7287829851 | 24 | Small depression in hedgerow, dry and no aquatic veg. Unsuitable for GCN. | N/A - Dry | N/A | N/A |
| P235 | SE7250929984 | 232 | Small pond on corner of woodland containing much deadwood and little macrophyte cover | 0.63 – Average | Negative | 20/04/21 |
| P236 | SE7292729099 | 534 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P237 | SE7279929300 | 350 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P238 | SE7269929195 | 273 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P239 | SE7221029666 | 61 | Small pond surrounded by dense bramble scrub on one side. Heavily vegetated with bulrush and reed canary-grass, and some willow scrub. Small area with water in at time of survey. | 0.80 – Excellent | N/A | N/A |
| P240 | SE7207729595 | 109 | HSI required, access constraints | N/A | N/A | N/A |
| P241 | SE7077429380 | 628 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P242 | SE7037229313 | 635 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |

| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|--|-------------------------|-------------|---------------------|
| P243 | SE7108028446 | 44 | HSI required, access constraints | N/A | N/A | N/A |
| P244 | SE7042928369 | 321 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P245 | SE7107428359 | 32 | HSI required, access constraints | N/A | N/A | N/A |
| P246 | SE7119028344 | 56 | Landowner mentioned they have previously had newts in the pond | 0.66 – Average | Negative | 23/04/21 |
| P247 | SE6989728172 | 610 | HSI completed, scoped out - distance from route. | 0.84 – Excellent | Negative | 28/04/21 |
| P247a | SE6983628204 | 669 | HSI completed, scoped out - distance from route. | 0.54 – Below Average | N/A | N/A |
| P248 | SE6951227976 | 454 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P249 | SE6939128107 | 595 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P250 | SE6923426556 | 724 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P251 | SE6790327145 | 13 | HSI required, access constraints | N/A | N/A | N/A |
| P252 | SE6768627474 | 387 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P253 | SE6783326356 | 548 | HSI completed, scoped out - distance from route. | 0.60 – Average | Negative | 22/04/21 |
| P254 | SE6779726372 | 531 | HSI completed, scoped out - distance from route. | 0.85 – Excellent | Negative | 22/04/21 |
| P255 | SE6774226399 | 510 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P256 | SE6743627242 | 106 | 600 m ² pond approximate 7 cm deep within woodland area between arable fields | 0.82 - Excellent | N/A | N/A |
| P257 | SE6731527528 | 166 | HSI required, access constraints | N/A | N/A | N/A |
| P258 | SE6759528651 | 1296 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |



| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P259 | SE6699228213 | 759 | HSI completed, scoped out - distance from route. | 0.79 – Good | Negative | 10/05/21 |
| P260 | SE6655627804 | 486 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P261 | SE6691627354 | 2 | HSI required, access constraints | N/A | N/A | N/A |
| P262 | SE6694626784 | 25 | This is a large lagoon located south of the Drax converter site. Access to around 60% of banks of lagoon is not possible due to lack of routes to walk and presence of scrub and trees. Lagoon was assessed from limited access from footpath to north east corner and from small rectangular field to west. Large body of water with presence of waterfowl (mute swan <i>Cygnus olor</i> , coot <i>Fulica atra</i> , moorhen <i>Gallinula chloropus</i> etc). Small island with trees at centre. Shallow banks but highly vegetated. No obvious signs of use for fishing but fish presence detected. Scoped out for potential for GCN due to size and lack of aquatic vegetation. Would not be possible to gain effective eDNA sample. | N/A | N/A | N/A |
| P263 | SE6685426499 | 393 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P264 | SE6690226502 | 353 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P265 | SE6699326489 | 327 | HSI not required, scoped out - distance from route. | N/A | N/A | N/A |
| P266 | SE8457136803 | Within | Long orange coloured ditch with largely inaccessible banks | 0.45 – Poor | N/A | N/A |
| P267 | SE6727726908 | Within | Long ditch with steep sloping sides between two arable fields, bordered by hedgerow. Leaf litter in channel, coltsfoot <i>Tussilago farfara</i> , marsh marigold, cow parsley <i>Anthriscus sylvestris</i> and nettles on banks | 0.73 – Good | N/A | N/A |
| P268 | SE7557731043 | 268 | HSI completed, scoped out - distance from route. | 0.71 – Good | N/A | N/A |
| P269 | SE7506230836 | 71 | Small rectangular pond | 0.64 – Average | Negative | 05/05/21 |
| P271 | SE6706628209 | 91 | Still water ditch | 0.74 – Good | Negative | 19/05/21 |



| Pond ID | Location (OSGB Grid Reference) | Distance from the planning application boundary (metres) | Pond status and description | HSI Score (See Annex 2) | eDNA Result | Date of eDNA sample |
|---------|--------------------------------|--|---|-------------------------|-------------|---------------------|
| P272 | SE6725228166 | 539 | HSI completed, scoped out - distance from route. | 0.90 – Excellent | N/A | N/A |
| P273 | SE7535430460 | 148 | Small pond at the end of field | 0.63 - Average | Negative | 28/05/21 |
| P274 | SE7516330348 | 57 | Garden pond | 0.58 - Below Average | Negative | 28/05/21 |
| P275 | SE7516330349 | 99 | Depression in arable field creating pond large enough to contain GCN | 0.56 - Below Average | Negative | 03/06/21 |
| P276 | SE7886233286 | 165 | Lined pond. Scoped out from further survey as on far side of A614 barrier and small, and habitat not suitable | 0.55 - Below Average | N/A | N/A |
| P277 | SE6770126623 | 307 | HSI completed, scoped out - distance from route. | 0.51 - Below Average | Negative | 25/06/21 |
| P278 | TA0278253806 | 209 | Recently dug wildlife pond, maturing nicely | 0.73 - Good | N/A | N/A |
| P279 | TA0277253820 | 200 | Recently dug wildlife pond, maturing nicely | 0.71 - Good | N/A | N/A |
| P280 | TA0280253812 | 211 | Recently dug wildlife pond, maturing nicely. | 0.68 - Average | N/A | N/A |
| P281 | TA1531562997 | 10 | Large waterbody between arable/cow pasture. surrounded by scrub and tall ruderal/common reed. | 0.52 – Below Average | N/A | N/A |
| P282 | SE8442637042 | 154 | HSI required, access constraints | N/A | N/A | N/A |
| P283 | TA1105259696 | 457 | HSI completed, scoped out - distance from route. | 0.68 - Average | N/A | N/A |
| P284 | SE8803039601 | 51 | Irregular shaped pond in woodland, choked with leaf litter and overshadowed. No aquatic vegetation present. | 0.64 - Average | N/A | N/A |





Annex 4 Habitat Suitability Index Assessment



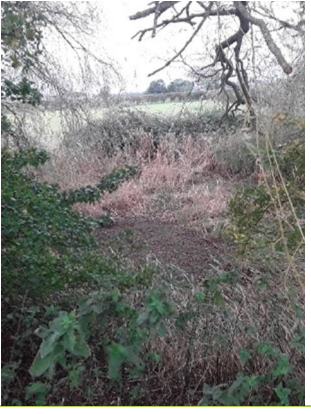
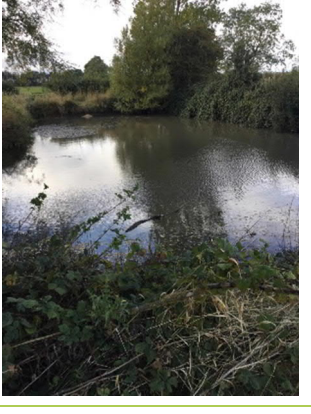
| Factor | Pond 4 | | | Pond 7 | | |
|---|--|-------|--|--|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Roughly circular pond connected to ditch, surrounded by reedbed and dense scrub on all sides. Sparse macrophytes and emergent aquatic vegetation, depth over 30 cm. Inflow from ditch. | | | Barbed fenced pond in improved field, used to stock livestock. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 500m2 | 1 | | 500m2 | 1 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Poor | 0.33 | | Poor | 0.33 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 2 | 0.6 | | 9 | 0.9 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 1-5% | 0.35 | | <1% | 0.3 | |
| HSI Score and Suitability | 0.7 (Good) | | | 0.64 (Average) | | |



| Factor | Pond 9 | | | Pond 13 | | |
|---|---|-------|---|---|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Area of standing water where ditch widens. | | | Large waterbody fenced off in pasture field, large amount of bulrush, surrounded by tall ruderal herbs. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | <50m2 | 0.05 | | 300m2 | 0.6 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Bad | 0.01 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Major | 0.01 | |
| Fish (SI 7) | Absent | 1 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 0 | 0.1 | | 5 | 0. | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 16-20% | 0.5 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.31 (Poor) | | | 0.44 (Poor) | | |
| Factor | Pond 18 | | | Pond 19 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Predominantly dry/marshy pond - will dry by summer. | | | Seasonal pool, likely dry in summer. 8 x 3 m max, depth 20 cm. cattle poached, turbid. Hard rush, creeping buttercup present. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | >2000m2 | 0.8 | | <50m2 | 0.05 | |
| Pond Drying (SI 3) | Never | 0.9 | | Annual | 0.1 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Poor | 0.33 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60 | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 1 | 0.45 | | 7 | 0.85 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | <1% | 0.30 | |
| HSI Score and Suitability | 0.66 (Average) | | | 0.44 (Poor) | | |



| Factor | Pond 20 | | | Pond 21 | | |
|---|---|-------|--|--|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Shaded fenced pond in grazed field. Depth estimated. at 0.3 m, size 20 x 4 m. No macrophytes, water heavy with tannins. | | | Depth 6 m. Fringed by dense continuous bramble scrub. No macrophytes, turbid water column. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 100m2 | 0.2 | | >2000m2 | 0.8 | |
| Pond Drying (SI 3) | Rarely | 1 | | Never | 0.9 | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | |
| Shade (SI 5) | 96-100% | 0.2 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 7 | 0.85 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | <1% | 0.3 | |
| HSI Score and Suitability | 0.52 (Below Average) | | | 0.67 (Average) | | |



| Factor | Pond 28 | | | Pond 28a | | |
|---|---|-------|--|--|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Ornamental pond surrounded by woodland and amenity grassland with frequent yellow flag iris, bulrush and shallow sloped banks. Landowner says GCN have been confirmed by surveys completed to support a planning application for a residential extension. Approximately 40 cm deep. | | | Ornamental pond surrounded by woodland and amenity grassland with frequent yellow flag iris, bulrush and tall sloped banks. Landowner says GCN have been confirmed by surveys completed to support a planning application for a residential extension. having done a recent survey for an extension. Approximately 40 cm deep. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 500m2 | 1 | | 250m2 | 0.5 | |
| Pond Drying (SI 3) | Never | 0.9 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Good | 1 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Minor | 0.33 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 5 | 0.75 | | 5 | 0.75 | |
| Terrestrial Habitat (SI 9) | Good | 1 | | Good | 1 | |
| Macrophyte Cover (SI 10) | 51-55% | 0.85 | | 6-10% | | |
| HSI Score and Suitability | 0.81 (Excellent) | | | 0.65 (Average) | | |



| Factor | Pond 31 | | | Pond 33 | | |
|---|---|-------|---|--|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Circular pond adjacent to willow scrub and Kelk Beck | | | Irregular shape pond at the bottom of poor semi-improved grassland. Willow trees growing throughout pond area. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 350m2 | 0.7 | | 400m2 | 0.8 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 3 | 0.65 | | 3 | 0.65 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | <1% | 0.30 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.70 (Good) | | | 0.74 (Good) | | |
| Factor | Pond 45 | | | Pond 46 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Barbed fenced pond in improved field used to stock livestock. | | | Predominantly dry/marshy pond, will dry by summer. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 400m2 | 0.8 | | 100m2 | 0.2 | |
| Pond Drying (SI 3) | Never | 0.9 | | Annually | 0.1 | |
| Water Quality (SI 4) | Poor | 0.33 | | Poor | 0.33 | |
| Shade (SI 5) | 71-75% | 0.7 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 5 | 0.75 | | 5 | 0.75 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 31-35% | 0.65 | | 66-80% | 1 | |
| HSI Score and Suitability | 0.75 (Good) | | | 0.53 (Below Average) | | |


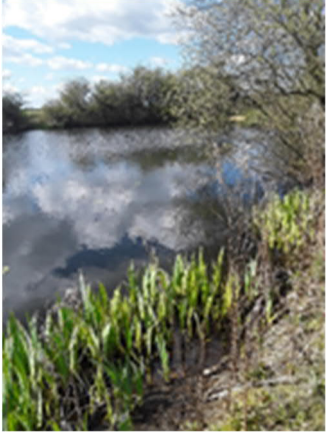
| Factor | Pond 49 | | | Pond 52 | | |
|---|---|-------|---|--|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Underground spring-fed, clear water, 2.5 m wide x 25 m, depth 30 cm. Fool's water cress <i>Apium nodiflorum</i> and figwort <i>Scrophularia nodosa</i> present. | | | Eutrophic pond covered in duckweed with waterfowl present. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 50-100m2 | 0.1 | | 250m2 | 0.5 | |
| Pond Drying (SI 3) | Rarely | 1 | | Rarely | 1 | |
| Water Quality (SI 4) | Good | 1 | | Poor | 0.33 | |
| Shade (SI 5) | 0-60% | 1 | | 61-65% | 0.9 | |
| Waterfowl (SI 6) | Absent | 1 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 4 | 0.75 | | 8 | 0.89 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Good | 1 | |
| Macrophyte Cover (SI 10) | 36-40% | 0.7 | | 66-80% | 1 | |
| HSI Score and Suitability | 0.68 (Average) | | | 0.75 (Good) | | |
| Factor | Pond 55 | | | Pond 57 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Dry pond, surrounded immediately by woodland and then pasture and arable land. | | | Pond with steep sides surrounded by small woodland and arable fields, shallow, no more than 40 cm deep with silt bottom. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 100m2 | 0.2 | | 200m2 | 0.4 | |
| Pond Drying (SI 3) | Annually | 0.1 | | Rarely | 1 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 71-75% | 0.7 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Minor | 0.67 | |
| Fish (SI 7) | Absent | 1 | | Minor | 0.33 | |
| Pond Density per km ² (SI 8) | 4 | 0.72 | | 5 | 0.75 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | <1% | 0.35 | | 11-15% | 0.45 | |
| HSI Score and Suitability | 0.52 (Below Average) | | | 0.52 (Below Average) | | |





| Factor | Pond 59 | | | Pond 63 | | |
|---|---|-------|--|---|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Small circular dug out pond 3-4 m wide, 30 cm deep. | | | Circular stock pond with good water clarity, no macrophytes and terrestrial grasses emerging across 30% of pond. One semi mature willow, pond is a small depression surrounded by bramble and improved grassland. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | <50m2 | 0.05 | | 250m2 | 0.5 | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Poor | 0.33 | | Good | 1 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 1 | 0.45 | | 3 | 0.65 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | <1% | 0.30 | |
| HSI Score and Suitability | 0.44 (Poor) | | | 0.71 (Good) | | |



| Factor | Pond 69 | | | Pond 74 | | |
|---|--|-------|--|---|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Round sloped edge pond, possibly silage pond, 6 m wide and 40 cm deep in the middle. | | | Oval pond surrounded by dense scrub. Small pond associated with dense scrub. Water unlikely to be polluted due to surrounding land use but no submerged vegetation visible. Reed sweet grass and rushes present at pond margins | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 50m2 | 0.1 | | 150m2 | 0.30 | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Never | 0.9 | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 1 | 0.45 | | 8 | 0.89 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 66-80% | 0.85 | | <1% | 0.30 | |
| HSI Score and Suitability | 0.54 (Below Average) | | | 0.66 (Average) | | |



| Factor | Pond 75 | | | Pond 78 | | |
|---|--|-------|--|--|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Pond surrounded by dense scrub, no visible inflows and no aquatic vegetation. Small patches of <i>Lemna</i> on surface, drawdown 50cm. Tall ruderal dominant around all sides under scrub layer. | | | A large rectangular reservoir, lined with no vegetation and pumping equipment. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 400m2 | 0.80 | | >2000m2 | 0.8 | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Never | 0.9 | |
| Water Quality (SI 4) | Poor | 0.33 | | Poor | 0.33 | |
| Shade (SI 5) | 66-70% | 0.80 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 6 | 0.84 | | 7 | 0.85 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 16-20% | 0.50 | | <1% | 0.30 | |
| HSI Score and Suitability | 0.66 (Average) | | | 0.72 (Good) | | |



| Factor | Pond 80 | | | Pond 81 | | |
|---|--|-------|--|--|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Triangular dug pond in corner of field, overhung for 50% by willow and surrounded by bramble scrub and hawthorn hedgerows. Thin band of marginal sedges, no submerged or floating veg or macrophytes | | | Irregular shaped woodland pond with 50cm shelf and leaf litter substrate. No aquatic vegetation, semi mature willow growing out of pond, water level 15cm with drawdown of 50cm. No marginal or emergent vegetation. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 1300m2 | 0.91 | | 300m2 | 0.60 | |
| Pond Drying (SI 3) | Never | 0.9 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 86-90% | 0.4 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | 7 | 0.85 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Good | 1 | |
| Macrophyte Cover (SI 10) | <1% | 0.30 | | <1% | 0.30 | |
| HSI Score and Suitability | 0.67 (Average) | | | 0.68 (Average) | | |



| Factor | Pond 83 | | | Pond 85 | | |
|---|--|-------|--|---|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Garden pond, surrounded by amenity grassland and with overhanging willow trees. Some algae and macrophyte cover. | | | Large waterbody with little to no macrophytes, surrounded mostly by hedgerow but most banks accessible through gaps in hedgerows making it suitable to eDNA. Deep water and permanent, possibly with fish. Pair of Great crested grebe <i>Podiceps cristatus</i> present. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 500m2 | 1 | | >2000m2 | 0.8 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Good | 1 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 8 | 0.89 | | 6 | 0.84 | |
| Terrestrial Habitat (SI 9) | Good | 1 | | Good | 1 | |
| Macrophyte Cover (SI 10) | 21-25% | 0.55 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.78 - (Good) | | | 0.79 (Good) | | |


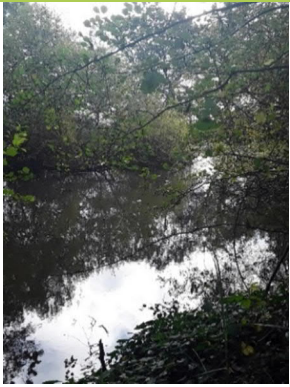


| Factor | Pond 87 | | | Pond 92 | | |
|---|---|-------|---|---|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Large pond surrounded by woodland. | | | Large pond surrounded by scrub. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 250m2 | 0.5 | | >2000m2 | 0.8 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Poor | 0.33 | |
| Shade (SI 5) | 86-90% | 0.4 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 8 | 0.89 | | 8 | 0.89 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 1-5% | 0.35 | | 6-10% | 0.4 | |
| HSI Score and Suitability | 0.64 (Average) | | | 0.63 (Average) | | |
| Factor | Pond 93 | | | Pond 98 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Large water body with dense reed bed along the edges. | | | Long water body with dense reeds and bulrush along the edges. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 400m2 | 0.8 | | 900m2 | 0.97 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Good | 1 | | Good | 1 | |
| Macrophyte Cover (SI 10) | 66-80% | 1 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.86 (Excellent) | | | 0.79 (Good) | | |





| Factor | Pond 99 | | | Pond 100 | | |
|---|--|-------|--|--|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Former canal? Blocked off to form elongated pond. 10 m x 400 m, 1 m deep. Fool's water-cress, broadleaved willowherb, duckweed and occasional reed canary-grass present. | | | Former canal? Blocked off to form elongated pond. 10 m x 120 m, 1 m deep. Fool's water-cress, broadleaved willowherb, duckweed and occasional reed canary-grass present. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | >2000m2 | 0.8 | | 1500m2 | 0.88 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 12 | 1 | | 12 | 1 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 1-5% | 0.35 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.77 (Good) | | | 0.78 (Good) | | |





| Factor | Pond 101 | | | Pond 102 | | |
|---|---|-------|--|--|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Large pond surrounded by plantation woodland and arable field with gently sloped vegetated banks of perennial ryegrass, bramble, common horsetail and common reed. Deep and permanent with silt bottom. | | | Large rectangular pond, c. 30 m x 80 m, depth greater than 1 m. Fringed by narrow band of willow and silver birch with occasional pedunculate oak. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | >2000m2 | 0.8 | | >2000m2 | 0.8 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 6-10% | 0.4 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.75 (Good) | | | 0.74 (Good) | | |



| Factor | Pond 106 | | | Pond 108 | | |
|---|--|-------|--|---|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Large oblong pond, c. 30 m x 100 m. Depth greater than 1 m. Fringed by willow and silver birch, with occasional stands of bulrush. Duckweed present. | | | Shallow pond with gently sloping sides vegetated with bramble and garlic mustard within a recently planted willow woodland. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | >2000m2 | 0.8 | | <50m2 | 0.05 | |
| Pond Drying (SI 3) | Never | 0.9 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Bad | 0.01 | |
| Shade (SI 5) | 0-60% | 1 | | 81-85% | 0.5 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 1-5% | 0.35 | | 61-65% | 0.95 | |
| HSI Score and Suitability | 0.77 (Good) | | | 0.39 (Poor) | | |





| Factor | Pond 109 | | | Pond 110 | | |
|---|---|-------|--|---|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Shallow pond with steep sides vegetated with thick bramble and nettles within a recently planted willow woodland. | | | Shallow pond with steep sides vegetated with thick bramble and nettles within a recently planted willow woodland. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 500m2 | 1 | | 500m2 | 1 | |
| Pond Drying (SI 3) | Never | 1 | | Rarely | 1 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Poor | 0.33 | |
| Shade (SI 5) | 0-60% | 1 | | 76-80% | 0.6 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Good | 1 | | Good | 1 | |
| Macrophyte Cover (SI 10) | 66-80% | 1 | | 6-10% | 0.4 | |
| HSI Score and Suitability | 0.88 (Excellent) | | | 0.75 (Good) | | |

| Factor | Pond 111 | | | Pond 112 | | |
|---|--|-------|---|--|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Bulrush-dominated pond with broadleaved willowherb, held water in August. Difficult to survey using traditional methods, bottle only. eDNA sample taken. | | | Pond within woodland with gently sloped vegetated banks of ivy, false oat-grass and hawthorn shrubs. Unsuitable for bottle trapping due to shrubs. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 500m2 | 1 | | 1800m2 | 0.84 | |
| Pond Drying (SI 3) | Rarely | 1 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 76-80% | 0.6 | |
| Waterfowl (SI 6) | Absent | 1 | | Minor | 0.67 | |
| Fish (SI 7) | Absent | 1 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 66-80% | 1 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.86 (Excellent) | | | 0.71 (Good) | | |
| Factor | Pond 117 | | | Pond 120 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Large dug oblong shaped pond, for water abstraction. 1 m deep. 8 m wide x 40 m long. Steep sided, all sides difficult to survey. | | | Large waterbody near houses surrounded by dense willow trees | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 400m2 | 0.8 | | 1000m2 | 0.96 | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 11 | 0.98 | | 12 | 1 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Good | 1 | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.67 (Average) | | | 0.79 (Good) | | |

| Factor | Pond 121 | | | Pond 122 | | |
|---|---|-------|---|--|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Small pond on edge of arable field, holds water most of time according to owner, dense bulrush present. | | | Irregular shaped, 30 m x 50 m open pond, marginal common reed dominant, bulrush present. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | <50% | 0.05 | | 300m2 | 0.6 | |
| Pond Drying (SI 3) | Rarely | 1 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | 8 | 0.89 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 56-60% | 0.9 | | 1-5% | 0.35 | |
| HSI Score and Suitability | 0.63 (Average) | | | 0.74 (Good) | | |
| Factor | Pond 123 | | | Pond 124 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Large pond lagoon, scattered scrub on banks. Margins dominated by common reed on east side. No macrophytes. | | | Small circular pond, shaded by willow, bulrush present. Partially dry. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | >2000m2 | 0.8 | | <50m2 | 0.05 | |
| Pond Drying (SI 3) | Never | 0.9 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Poor | 0.33 | | Poor | 0.33 | |
| Shade (SI 5) | 0-60% | 1 | | 61-65% | 0.9 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Minor | 0.33 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 8 | 0.89 | | 6 | 0.84 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 1-5% | 0.35 | | <1% | 0.3 | |
| HSI Score and Suitability | 0.57 (Below Average) | | | 0.55 (Below Average) | | |



| Factor | Pond 126 | | | Pond 127 | | |
|---|--|-------|---|---|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Long, wide dug out drain? Bulrush dominant at western end, possibly easier to sample. | | | Irregular shaped pond dug three years ago, sparse marginal vegetation. Algae and pondweed present, surrounded by amenity grassland. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | >2000m2 | 0.8 | | 200m2 | 0.4 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 6 | 0.84 | | 4 | 0.72 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | 16-20% | 0.5 | |
| HSI Score and Suitability | 0.66 (Average) | | | 0.70 (Good) | | |
| Factor | Pond 129 | | | Pond 129a | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Small pond in strip of woodland adjacent to lane, heavily shaded with no aquatic vegetation and dense leaf litter in bottom. | | | Round pond in arable field, marginal aquatic vegetation including water mint. Buffer of grassland with <i>Epilobium</i> sp., brambles and hedgerow. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 300m2 | 0.6 | | 800m2 | 0.99 | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Never | 0.9 | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | |
| Shade (SI 5) | 86-90% | 0.4 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 10 | 0.95 | | 10 | 0.95 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 1-5% | 0.35 | | 36-40% | 0.7 | |
| HSI Score and Suitability | 0.58 (Below Average) | | | 0.78 (Good) | | |





| Factor | Pond 129b | | | Pond 143 | | |
|---|--|-------|--|---|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Newly dug oval pond on amenity grassland, with patches of reeds and multiple inflows. One end covered by duckweed. | | | Roadside pond in arable margin, heavily shaded/ scrubbed up with willow, elder, ash, bramble and common nettle. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 200m2 | 0.4 | | 100m2 | 0.2 | |
| Pond Drying (SI 3) | Never | 0.9 | | Annually | 0.1 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Bad | 0.01 | |
| Shade (SI 5) | 0-60% | 1 | | 96-100% | 0.2 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 10 | 0.95 | | 6 | 0.84 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 66-80% | 1 | | <1% | 0.3 | |
| HSI Score and Suitability | 0.74 (Good) | | | 0.28 (Poor) | | |




| Factor | Pond 144 | | | Pond 145 | | |
|---|--|-------|---|--|-------|--|
| | Value | Value | Value | Value | Score | Photo |
| Description | Oblong pond in arable field, dense willow scrub to 75% and bulrushes limit view. Holding water through survey. Dense willow dominant scrub with occasional hawthorn. | | | Circular farm pond approximately 25 x 25 m, 50% fringed with willow, depth at least 1 m. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 500m2 | 1 | | 500m2 | 1 | |
| Pond Drying (SI 3) | Rarely | 1 | | Rarely | 1 | |
| Water Quality (SI 4) | Poor | 0.33 | | Poor | 0.33 | |
| Shade (SI 5) | 71-75% | 0.7 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 6 | 0.84 | | 6 | 0.84 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | <1% | 0.3 | |
| HSI Score and Suitability | 0.64 (Average) | | | 0.71 (Good) | | |
| Factor | Pond 148 | | | Pond 156 | | |
| | Value | Value | Value | Value | Score | Photo |
| Description | Standing water in ditch running between two arable fields, ditch has tall ruderal herbs on verge. | | | Moderate sized pond with bulrush. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 300m2 | 0.6 | | 500m2 | 1 | |
| Pond Drying (SI 3) | Rarely | 1 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 7 | 0.85 | | 10 | 0.95 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Good | 1 | |
| Macrophyte Cover (SI 10) | 66-80% | 1 | | 66-80% | 1 | |




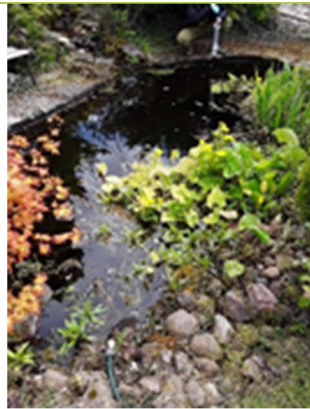
| HSI Score and Suitability | | 0.77 (Good) | | | 0.91 (Excellent) | | |
|----------------------------|--------------------------------------|-------------|---|----------------------------|------------------|---|--|
| Factor | Pond 169 | | | Pond 171 | | | |
| | Value | Value | Value | Value | Score | Photo | |
| Description | Scrubbed over inline pond. | | | Stocked large garden pond. | | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  | |
| Surface Area (SI 2) | 50-100m2 | 0.1 | | 350m2 | 0.7 | | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Never | 0.9 | | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | | |
| Shade (SI 5) | 96-100% | 0.2 | | 0-60% | 1 | | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | | |
| Fish (SI 7) | Possible | 0.67 | | Major | 0.01 | | |
| Pond Density per km²(SI 8) | 6 | 0.84 | | 5 | 0.75 | | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | 56-60% | 0.9 | | |
| HSI Score and Suitability | | 0.42 (Poor) | | | 0.50 (Poor) | | |
| Factor | Pond 172 | | | Pond 173 | | | |
| | Value | Score | Photo | Value | Score | Photo | |
| Description | Small stocked with fish garden pond. | | | Small garden pond. | | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 | | |
| Surface Area (SI 2) | <50m2 | 0.05 | | <50m2 | 0.05 | | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | | |
| Fish (SI 7) | Major | 0.01 | | Absent | 1 | | |
| Pond Density per km²(SI 8) | 5 | 0.75 | | 5 | 0.75 | | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | | |





| | | | | | | |
|---|--|--------------|---|--|--------------|--|
| Macrophyte Cover (SI 10) | 26-30% | 0.6 | | 26-30% | 0.6 |  |
| HSI Score and Suitability | 0.34 (Poor) | | | 0.58 (Below Average) | | |
| Factor | Pond 181 | | | Pond 182 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Shaded pond on arable field boundary. Dry. | | | Small pond in long arable field, 10 x 5 m, almost dry. Bulrush on 60% of the margin. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 50-100m2 | | | 100m2 | | |
| Pond Drying (SI 3) | Annually | | | Annually | 0.1 | |
| Water Quality (SI 4) | Bad | | | Poor | 0.33 | |
| Shade (SI 5) | 96-100% | | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | | | Absent | 1 | |
| Fish (SI 7) | Absent | | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 7 | | | 5 | 0.75 | |
| Terrestrial Habitat (SI 9) | Moderate | | | None | 0.01 | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | <1% | 0.3 | |
| HSI Score and Suitability | 0.28 (Poor) | | | 0.31 (Poor) | | |



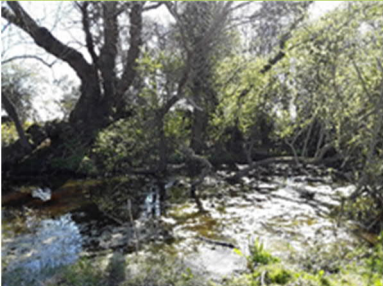

| Factor | Pond 184 | | | Pond 185 | | |
|---|---|-------|--|---|-------|---|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Part of a ditch. 2 m x 30 m. Recently managed. Bulrush dominant with fleabane <i>Pulicaria dysenterica</i> also present rarely. | | | Rectangular pond, part of ditch so inline - 10 x 30 m and up to 50 cm deep. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 50-100m2 | 0.1 | | 300m2 | 0.6 | |
| Pond Drying (SI 3) | Rarely | 1 | | Rarely | 1 | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | 7 | 0.85 | | 7 | 0.85 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | <1% | 0.3 | | <1% | 0.3 | |
| HSI Score and Suitability | 0.53 (Below Average) | | | 0.68 (Average) | | |


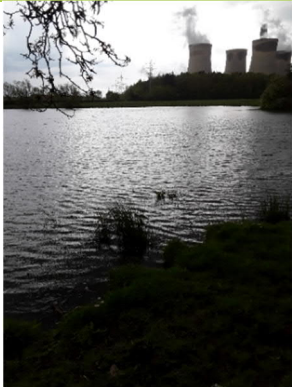


| Factor | Pond 186 | | | Pond 197 | | |
|---|---|-------|---|---|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Long pond - roughly 5-6 m wide. | | | Large pond in woodland. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 400m2 | 0.8 | | 350m2 | 0.7 | |
| Pond Drying (SI 3) | Rarely | 1 | | Annually | 0.1 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Poor | 0.33 | |
| Shade (SI 5) | 0-60% | 1 | | 66-70% | 0.8 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 7 | 0.85 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Good | 1 | |
| Macrophyte Cover (SI 10) | 1-5% | 0.35 | | 6-10% | 0.4 | |
| HSI Score and Suitability | 0.74 (Good) | | | 0.59 (Below Average) | | |
| Factor | Pond 198 | | | Pond 198b | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Four by 20 m depression between two arable fields. Heavily shaded and willow trees overhanging. 40 cm deep. | | | Shallow field pond surround by trees/scrub. Possibly dries. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 150m2 | 0.3 | | 100m2 | 0.2 | |
| Pond Drying (SI 3) | Annually | 0.1 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Poor | 0.33 | | Poor | 0.33 | |
| Shade (SI 5) | 96-100% | 0.2 | | 91-95% | 0.3 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Good | 1 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 6-10% | 0.4 | | 6-10% | 0.4 | |
| HSI Score and Suitability | 0.45 (Poor) | | | 0.55 (Below Average) | | |





| Factor | Pond 206 | | | Pond 218 | | |
|---|--|-------|---|--|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Small pond in hedgerow between two field boundaries. | | | Small pond in caravan park. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 50-100m2 | 0.1 | | 150m2 | 0.3 | |
| Pond Drying (SI 3) | Rarely | 1 | | Never | 0.9 | |
| Water Quality (SI 4) | Poor | 0.33 | | Poor | 0.33 | |
| Shade (SI 5) | 76-80% | 0.6 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Minor | 0.67 | |
| Fish (SI 7) | Absent | 1 | | Possible | 0.67 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 6-10% | 0.4 | | 26-30% | 0.6 | |
| HSI Score and Suitability | 0.59 (Below Average) | | | 0.66 (Average) | | |
| Factor | Pond 220 | | | Pond 225 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Large ornamental waterbody stocked with Koi carp. | | | Small pond surrounded by dense bramble and willow scrub, minimal aquatic vegetation and lots of leaf litter. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 1600m2 | 0.87 | | 300m2 | 0.6 | |
| Pond Drying (SI 3) | Never | 0.9 | | Rarely | 1 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Poor | 0.33 | |
| Shade (SI 5) | 0-60% | 1 | | 86-90% | 0.4 | |
| Waterfowl (SI 6) | Major | 0.01 | | Minor | 0.67 | |
| Fish (SI 7) | Major | 0.01 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 6 | 0.84 | | 10 | 0.95 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 21-25% | 0.55 | | 16-20% | 0.5 | |
| HSI Score and Suitability | 0.31 (Poor) | | | 0.62 (Average) | | |

| Factor | Pond 226 | | | Pond 228 | | |
|---|---|-------|---|--|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Large pond with stands of bulrush, bordered by amenity grassland. | | | Oval lined ornamental garden pond with fountain, surrounded by amenity grassland. Some planted aquatic vegetation. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 800m2 | 0.99 | | 150m2 | 0.3 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Major | 0.01 | |
| Pond Density per km ² (SI 8) | 10 | 0.95 | | 10 | 0.95 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 46-50% | 0.8 | | 6-10% | 0.4 | |
| HSI Score and Suitability | 0.76 (Good) | | | 0.43 (Poor) | | |
| Factor | Pond 229 | | | Pond 229b | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Moat with central island in garden, with marsh marigold, yellow flag, bulrush and common reed. Dry in places, up to 20 cm deep. | | | Small lined ornamental garden pond with planted marsh marigold and lily pads, also skunk cabbage present. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 200m2 | 0.4 | | <50m2 | 0.05 | |
| Pond Drying (SI 3) | Rarely | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 10 | 0.95 | | 10 | 0.95 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 46-50% | 0.8 | | 46-50% | 0.8 | |
| HSI Score and Suitability | 0.79 (Good) | | | 0.66 (Average) | | |

| Factor | Pond 230 | | | Pond 235 | | |
|---|--|-------|---|--|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Recreational pond surrounded by semi-improved grassland and woodland, with stands of bulrush and common reed and algae | | | Small pond on corner of woodland containing much deadwood and little macrophyte cover. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 350m2 | 0.7 | | 50-100m2 | 0.1 | |
| Pond Drying (SI 3) | Never | 0.9 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 66-70% | 0.8 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 10 | 0.95 | | 6 | 0.84 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Zone A | 1 | |
| Macrophyte Cover (SI 10) | 66-80% | 1 | | 50-100m2 | 0.1 | |
| HSI Score and Suitability | 0.75 (Good) | | | 0.63 (Average) | | |
| Factor | Pond 239 | | | Pond 246 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Small pond surrounded by dense bramble scrub on one side. Heavily vegetated with bulrush and common reed, and some willow scrub. Small area with water in at time of survey. | | | Lined garden pond with yellow flag iris, extensive macrophytes including invasive New Zealand pygmyweed <i>Crassula helmslii</i> . | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 500-700m2 | 1 | | <50m2 | 0.05 | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Rarely | 1 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 5 | 0.75 | | 3 | 0.65 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 66-80% | 1 | | 66-80% | 1 | |
| HSI Score and Suitability | 0.80 (Excellent) | | | 0.66 (Average) | | |

| Factor | Pond 247 | | | Pond 247a | | |
|----------------------------------|--|-------|---|--|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Small pond and ditch in woodland, surrounded by common reed and dense scrub. Aquatic vegetation and macrophytes present on margins | | | Small pool, heavily silted with low water level and minimal aquatic vegetation. Reeds on one margin. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 500-700m2 | 1 | | <50m2 | 0.05 | |
| Pond Drying (SI 3) | Rarely | 1 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Poor | 0.33 | |
| Shade (SI 5) | 0-60% | 1 | | 76-80% | 0.6 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Possible | 0.67 | | Absent | 1 | |
| Pond Density per km²(SI 8) | 3 | 0.65 | | 3 | 0.65 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 56-60% | 0.9 | | 66-80% | 1 | |
| HSI Score and Suitability | 0.84 (Excellent) | | | 0.54 (Below Average) | | |
| Factor | Pond 253 | | | Pond 254 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Confirmation from landowner saying dries in summer, green filamentous algae present. | | | Nice pond, fairly shallow has potential for inverts and plants | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 300m2 | 0.6 | | 400m2 | 0.8 | |
| Pond Drying (SI 3) | Annually | 0.1 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | |
| Shade (SI 5) | 71-75% | 0.7 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km²(SI 8) | 10 | 0.95 | | 10 | 0.95 | |
| Terrestrial Habitat (SI 9) | Good | 1 | | Good | 1 | |
| Macrophyte Cover (SI 10) | 11-15% | 0.45 | | 41-45% | 0.75 | |
| HSI Score and Suitability | 0.60 (Average) | | | 0.85 (Excellent) | | |

| Factor | Pond 256 | | | Pond 259 | | |
|----------------------------------|---|-------|---|---|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | 600 m2 pond approximately 7 cm deep within woodland area between arable fields. | | | Large pond located in parkland area. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 800m2 | 0.99 | | 1000m2 | 0.96 | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Never | 0.9 | |
| Water Quality (SI 4) | Moderate | 0.67 | | Moderate | 0.67 | |
| Shade (SI 5) | 61-65% | 0.9 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Minor | 0.67 | |
| Fish (SI 7) | Absent | 1 | | Possible | 0.67 | |
| Pond Density per km²(SI 8) | 6 | 0.84 | | 9 | 0.9 | |
| Terrestrial Habitat (SI 9) | Moderate | 0.67 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 51-55% | 0.85 | | 26-30% | 0.6 | |
| HSI Score and Suitability | 0.82 (Excellent) | | | 0.79 (Good) | | |
| Factor | Pond 266 | | | Pond 267 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Long orange coloured ditch with largely inaccessible banks. | | | Long ditch with steep sloping sides between two arable fields, bordered by hedgerow. Leaf litter in channel, coltsfoot, marsh marigold, cow parsley and nettles on banks. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | >2000m2 | 0.8 | | 1500m2 | 0.88 | |
| Pond Drying (SI 3) | Sometimes | 0.5 | | Sometimes | 0.5 | |
| Water Quality (SI 4) | Bad | 0.01 | | Poor | 0.33 | |
| Shade (SI 5) | 71-75% | 0.7 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km²(SI 8) | 7 | 0.85 | | 10 | 0.95 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 46-50% | 0.8 | 56-60% | 0.9 | | |
| HSI Score and Suitability | 0.45 (Poor) | | | 0.73 (Good) | | |

| Factor | Pond 268 | | | Pond 269 | | |
|---|--|-------|---|-------------------------|-------|--|
| | Value | Score | Photo | Value | Score | Photo |
| Description | Small pond behind fence surrounded by scrub and a willow tree. | | | Small rectangular pond. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 150m2 | 0.3 | | <50m2 | 0.05 | |
| Pond Drying (SI 3) | Never | 0.9 | | Never | 0.9 | |
| Water Quality (SI 4) | Poor | 0.33 | | Moderate | 0.67 | |
| Shade (SI 5) | 0-60% | 1 | | 0-60% | 1 | |
| Waterfowl (SI 6) | Minor | 0.67 | | Minor | 0.67 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | >12 | 1 | | >12 | 1 | |
| Terrestrial Habitat (SI 9) | Good | 1 | | Moderate | 0.67 | |
| Macrophyte Cover (SI 10) | 21-25 | 0.55 | | 51-55% | 0.85 | |
| HSI Score and Suitability | 0.71 (Good) | | | 0.64 (Average) | | |
| Factor | Pond 271 | | | Pond 272 | | |
| | Value | Score | Photo | Value | Score | Photo |
| Description | Long drainage ditch with standing water. | | | Long drainage ditch. | | |
| Location (SI 1) | Zone A | 1 |  | Zone A | 1 |  |
| Surface Area (SI 2) | 1000m2 | 0.96 | | 1000m2 | 0.96 | |
| Pond Drying (SI 3) | Rarely | 1 | | Rarely | 1 | |
| Water Quality (SI 4) | Poor | 0.33 | | Poor | 0.33 | |
| Shade (SI 5) | 66-70% | 0.8 | | 66-70% | 0.8 | |
| Waterfowl (SI 6) | Absent | 1 | | Absent | 1 | |
| Fish (SI 7) | Absent | 1 | | Absent | 1 | |
| Pond Density per km ² (SI 8) | 9 | 0.9 | | 9 | 0.9 | |
| Terrestrial Habitat (SI 9) | Poor | 0.33 | | Poor | 0.33 | |
| Macrophyte Cover (SI 10) | 36-40% | 0.7 | | 36-40% | 0.7 | |
| HSI Score and Suitability | 0.74 (Good) | | | 0.74 (Good) | | |