

Your name

Date and time

## Survey/lake location

Survey location (GPS or 10 digit NGR)

Source of lake name (tick one)

Map data

Lake name

Local knowledge

Personally assigned

## Physical naturalness

Naturalness class (circle one)

(High)

1

2

3

4

5

(Low)

Confidence class (circle one)

High

Medium

Low

Sub-categories assessed (tick all that apply)

Shoreline condition

Lake morphology (if of artificial origin)

Riparian land

## Hydrological naturalness

Naturalness class (circle one)

(High)

1

2

3

4

5

(Low)

Confidence class (circle one)

High

Medium

Low

Sub-categories assessed (tick all that apply)

Structures

Inflows and outflows

Water level fluctuations

## Chemical naturalness

### Naturalness class (circle one)

(High) 1 2 3 4 5 (Low)

### Confidence class (circle one)

High Medium Low

### Form(s) of assessment (tick all that apply)

Water clarity

Water chemistry test

Algae

Biological sampling

Plant distribution

## Biological naturalness

### Naturalness class (circle one)

(High) 1 2 3 4 5 (Low)

### Confidence class (circle one)

High Medium Low

### Sub-categories assessed (tick all that apply)

Non-native plants

Non-native animals

## Representativeness

### Is the site representative of the whole lake? (tick one)

Yes

No

Uncertain

### Notes

## Plant functional groups (tick all that apply)

- |                          |                                    |                          |                                 |
|--------------------------|------------------------------------|--------------------------|---------------------------------|
| <input type="checkbox"/> | Rosette forming short stiff leaves | <input type="checkbox"/> | Submerged fine/dissected leaves |
| <input type="checkbox"/> | Free floating                      | <input type="checkbox"/> | Emergent broad leaves           |
| <input type="checkbox"/> | Floating leaves but rooted         | <input type="checkbox"/> | Emergent narrow leaves          |
| <input type="checkbox"/> | Submerged linear leaves            | <input type="checkbox"/> | Filamentous algae               |
| <input type="checkbox"/> | Submerged broad leaves             |                          |                                 |

## Species of interest

### Mammals (tick all that apply)

- Otter (*Lutra lutra*)
- Water vole (*Arvicola terrestris*)

### Birds (tick all that apply)

- Great crested grebe (*Podiceps cristatus*)
- Pochard (*Athya ferina*)
- Gadwall (*Anas strepera*)

### Fish (tick all that apply)

- Bullhead (*Cottus gobio*)
- Pike (*Esox lucius*)
- Brown trout (*Salmo trutta*)
- Perch (*Perca fluviatilis*)

### Herpetofauna (tick all that apply)

- Common frog (*Rana temporaria*)
- Grass snake (*Natix natix*)

### Invertebrates (tick all that apply)

- White-clawed crayfish (*Austro. pallipes*)

### Plants (tick all that apply)

- Common reed (*Phragmites australis*)
- Peat moss (*Sphagnum* sp.)

## Habitat features

### Shoreline modification (tick one)

- None (natural)
- A few small structures
- <33% of the bank modified
- 33-66% modified
- >66% modified

### Riparian zone (up to 10m from bank; tick one)

- All semi-natural land use
- Nearly all semi-natural land use  
(patches of other use)
- >66% semi-natural land use
- 33-66% semi-natural land use
- <33% semi-natural land use

### Perimeter trees (tick one)

- None
- Isolated scattered
- Occasional clumps

### Shoreline with fringing marginal emergent vegetation (tick one)

- No emergent fringe
- Occasional clumps of emergent vegetation
- Large but isolated beds of emergent vegetation  
up to 33% of the perimeter
- Extensive beds of emergent vegetation  
33-66% of the perimeter
- Continuous emergent vegetation covering  
>66% of the perimeter

### Number of ditches flowing into the lake

### Outflow structure (tick one)

- Absent
- Present

- Semi continuous
- Continuous