

## Survey Details

Site Name – River/Stream: \_\_\_\_\_ at Location: \_\_\_\_\_

UK Grid Reference: \_\_\_\_\_ Public Access:  Good  Poor  Other \_\_\_\_\_  
(refer to <https://www.gridreferencefinder.com/os.php>)

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Observer Name: \_\_\_\_\_

### Type of waterbody (tick one)

- River  Stream  Ditch  Stillwater  Estuary/tidal  
 Other: \_\_\_\_\_

### Rain in previous 24 hours (tick one)

- None  Light rain/showers  Heavy or prolonged rain



Please take **up to** four photos (max.) to go with your survey data. One photo should be taken from the same place on each visit and will capture some of the waterbody and surroundings.

Other features where photos would be useful are highlighted with the camera icon.

## General Observations

### Dominant land use within ~50m (~150m ft) (tick all that apply)

- Woodland  Heathland  Urban/residential/commercial/industrial  Tall herbs/scrub  
 Grassland/pasture  Agriculture (crops)  Tilled land  Other: \_\_\_\_\_

### Dominant bankside vegetation within ~5m (~15 ft) (tick all that apply)

- Trees/shrub  Grass  Emergent plants (reed/rushes)  None (bare earth)  
 Artificial surface (e.g. concrete)  Other: \_\_\_\_\_

### Problem invasive plant species (tick all that apply)

(see INNS identification sheets)

- Himalayan balsam  Japanese knotweed  Giant hogweed  New Zealand Pygmy Weed  
 Water fern  Floating Pennywort  Other: \_\_\_\_\_

### Wildlife signs or sightings (tick all that apply)

- Otter  Mink  Water vole  Kingfisher  Cormorant  
 Heron  Fish  Grass snake  Dragonflies/damselflies  
 Other: \_\_\_\_\_

### Recreational activities present (tick all that apply)

- Fishing  Boating  Paddleboard/canoes  Bathing  Walkers (inc dog)  Other: \_\_\_\_\_

**If you see any potential pollution incidents, call the Environment Agency 24-hour incident hotline 080080 70 60.  
Indicators include: grey water discharge, oil, chemical or sewage odour, dead fish, or fish gasping for air.**

## Evidence of Pollution

### Observed pollution sources (tick all that apply)

- |  |   |  |   |
|--|---|--|---|
| <input type="checkbox"/> Outfall present not discharging | <input type="checkbox"/> Outfall present discharging    | <input type="checkbox"/> Outfall causing odour                     | <input type="checkbox"/> Outfall causing discolouration |
| <input type="checkbox"/> Collapsed riverbanks            | <input type="checkbox"/> Livestock trampling riverbanks | <input type="checkbox"/> Grey water presence (poss. misconnection) | <input type="checkbox"/> Road run-off                   |
| <input type="checkbox"/> Soil run-off                    | <input type="checkbox"/> Farm run-off                   | <input type="checkbox"/> Livestock in watercourse                  | <input type="checkbox"/> Other: _____                   |

### Observed evidence of recent pollution

- |  |   |   |                                     |
|--|---|---|-------------------------------------|
| <input type="checkbox"/> Sewage-related litter                         | <input type="checkbox"/> Litter/fly-tipping | <input type="checkbox"/> Unpleasant Odour | <input type="checkbox"/> Oily sheen |
| <input type="checkbox"/> Sewage fungus<br>(see sewage fungus ID sheet) | <input type="checkbox"/> Foam               | <input type="checkbox"/> Smothering algae |                                     |
| <input type="checkbox"/> Other: _____                                  |   |   |                                     |

## Waterbody Characteristics

### Channel dimensions - Estimated width at water level (1m = 3'3") (tick one)

- 0 to 5m       5 to 10m       10 to 20m       >20m

### Channel dimensions - Estimated average depth (0.3m = 1 ft) (tick one)

- <0.3 m       0.3 to 0.6m       0.6 to 0.9 m       0.9 to 1.2m       >1.2       bed not visible

### Water level (tick one)

- Flood out of bank       High (still in channel)       Normal       Low

### Flow condition (tick one)

- Surging       Steady       Slow       Still       Dry

### Obstacles to fish, flow and other key features (tick all that apply)

Water and fish need to move freely. Is there an obstruction in the channel (within 50m) which might stop or inhibit flow or fish movement?

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Weir / sluice gate | <input type="checkbox"/> Bridge / Culvert | <input type="checkbox"/> Fallen or submerged tree   |
| <input type="checkbox"/> Debris Dam         | <input type="checkbox"/> Ford             | <input type="checkbox"/> Other artificial structure |

### Predominant riverbed composition (tick one)

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Cobble / stone<br><25cm to >6cm<br>(Football to tennis ball) | <input type="checkbox"/> Gravel/Pebble<br><6cm – >3mm<br>(Tennis ball to small pea) | <input type="checkbox"/> Sand<br><2mm                            | <input type="checkbox"/> Silt/mud<br>(Fine muds, not sand) |
| <input type="checkbox"/> Leaf litter  | <input type="checkbox"/> Clay   | <input type="checkbox"/> Artificial<br>(e.g. rubble or concrete) | <input type="checkbox"/> Not visible                       |

Other: \_\_\_\_\_

### Water quality observations

Water Temperature (°C): \_\_\_\_\_ Dissolved Solids (TDS - ppm): \_\_\_\_\_ Turbidity: \_\_\_\_\_

- |                                |                            |                              |                              |                              |                              |                               |                               |
|--------------------------------|----------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-------------------------------|
| Ammonia NH <sub>3</sub> (ppm): | <input type="checkbox"/> 0 | <input type="checkbox"/> 0.5 | <input type="checkbox"/> 1   | <input type="checkbox"/> 3   | <input type="checkbox"/> 6   |                               |                               |
| Phosphate (ppb):               | <input type="checkbox"/> 0 | <input type="checkbox"/> 100 | <input type="checkbox"/> 200 | <input type="checkbox"/> 300 | <input type="checkbox"/> 500 | <input type="checkbox"/> 1000 | <input type="checkbox"/> 2500 |
| Nitrate (ppm):                 | <input type="checkbox"/> 0 | <input type="checkbox"/> 10  | <input type="checkbox"/> 30  | <input type="checkbox"/> 60  | <input type="checkbox"/> 120 | <input type="checkbox"/> 200  |                               |

Additional test: \_\_\_\_\_ Result: \_\_\_\_\_ Units: \_\_\_\_\_

(Only fill out if you have an added test to complete such as pH, dissolved oxygen, or bacteria – please use the note section if necessary)

## Notes