Water Quality Testing

Love Your River Programme

Date: 26 11 2022

Weather over previous 24 hours: Sunny but cold

Weather: Dull, overcast, mainly dry Temperature: 15°C - 18°C

Max temp: 10°C

| Location | Time | Grid Ref. | Temp / ℃ | Turbidity / % | Ammonia / PPM | рН | Comments |
|---------------------------|-------|----------------|-------------|------------------|------------------|-----|--|
| Charlton Pool | 11:35 | SJ6465812932 | 8.1 | 5 | 0.25 | 6.8 | |
| Dothill Pool (outlet) | 11:55 | SJ6446112720 | 7.7 | 5 | 0.25 | 6.8 | Dredging work in progress. |
| Tee Lake | 12:20 | SJ6428212989 | 7.7 | 0 | 0.50 | 6.8 | Note temp. difference between this and the inlet. |
| Canal | 12:35 | SJ364123312885 | 8.2 | 12 | 0.00 | 6.5 | |
| End of Drain | 13:40 | SJ363842313300 | 10.3 | 0 | 0.00 | 6.8 | Flow – 38s |
| Beanhill Brook, Shawbirch | 13:25 | SJ363823313251 | 9.6 | 2 | 0.25 | 6.8 | Flow - 18s |
| Admaston Bridge | 13:05 | SJ363944312492 | 9.6 | 5 | 0.25 | 6.8 | Pink scum (as seen before) on water surface. Flow blocked (over 5 mins). |
| Dothill Bridge | 12:45 | SJ6409612808 | 11.9 | 0 | 0.25 | 6.8 | |
| Bathing Pool, Apley | 11;15 | SJ6557513099 | 8.1 | 20 | 0 | 6.5 | |
| Duckpond, Apley | 11:05 | SJ6564913146 | 7.3 | 10 | 1.00 | 6.8 | |
| Dothill Pool (inlet) | 11:45 | SJ6456612626 | 7.6 | 5 | 0.25 | 6.6 | |
| Tee Lake (inlet) | 12:10 | SJ6416312987 | 9.8 | 0 | 0.25 | 6.9 | |

Water Quality Testing

Friends of the Hurley Brook

Date: 23 11 2022

Weather over previous 24 hours: Some heavy rain and cold

Weather: Dull, overcast, some drizzle

Temperature: 8-9 °C

Max temp: 9°C

| Location | Time | Grid Ref. | Temp / ℃ | Turbidity / % | Ammonia / PPM | рН | Flow / m/s | Comments |
|--|-------|--------------|-------------|------------------|------------------|-----|--------------------------|---|
| Leegomery pools - Inlet | 13:20 | SJ6638112575 | 8.8 | 5 | 0.50 | 7.0 | N/A | |
| Leegomery pools - Outlet | 13:35 | SJ6651812531 | 8.4 | 0 | 0.50 | 7.0 | N/A | |
| Hurley Brook – Hadley Culvert | 13:51 | SJ6672512670 | 9.8 | 20 | 0.25 | 7.0 | Too turbulent to measure | Strong smell reminiscent of gas. The outflowing water was a grey, milky colour. |
| Hurley Brook – Leegomery Culvert | 14:04 | SJ72512671 | 11.2 | 0 | 0.5 | 7.0 | Too slow to measure | Water outflow was clear. Note temperature difference to Leegomery pools |
| Hurley Brook - Footbridge | 14:15 | SJ6674112830 | 10.2 | 15 | 0.25 | 7.0 | 2.0 | No noticeable smell from here on. |
| Hurley Brook – Adjacent to site of fire | 14:32 | SJ6663013245 | 9.3 | 10 | 0 | 7.0 | 0.1 | |
| Hurley Brook – Below Leegate Avenue | | | | | | | | Missed due to lack of equipment |
| Hurley Brook – below A442 | 14:48 | SJ6652813448 | 6.4 | 15 | 1.00 | 8.0 | 1.6 | |
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Water Quality Testing

Friends of the Hurley Brook

Date: 25 11 2022

Weather over previous 24 hours: Some heavy rain and cold

Weather: Dull, overcast, dry

Temperature: 8-9 °C

Max temp: 9°C

| Location | Time | Grid Ref. | Temp / ℃ | Turbidity / % | Ammonia / PPM | рН | Flow / m/s | Comments |
|----------------------------|-------|--------------|-------------|------------------|------------------|-----|------------|----------|
| Apley fishing lake - Inlet | 09:37 | SJ6457713495 | 7.4 | 10 | 1.00 | 6.5 | | |
| Apley – Duck Pond | 10:16 | SJ6566213117 | 6.4 | 0 | 1.00 | 7.0 | | |
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