

Water Quality Results Certificate



Client Name: Alderford Lake

Water Body Name: Alderford Lake

Certificate Reference: TSBN7841153

Analysis Start Date: 20/08/2024

Report Date: 23/08/2024

Analysis Results – Microbiology

Sample 1

| Test/Unit | Result | EC Bathing Water Directive (2006/7/EC) (For inland waters) |
|-------------------------|--------|---|
| E. coli (no/100 ml) | 9 | Pass Excellent |
| Enterococci (no/100 ml) | 13 | Pass Excellent |

Sample 2 - 1/2 Mile Tree

| Test/Unit | Result | EC Bathing Water Directive (2006/7/EC) (For inland waters) |
|-------------------------|--------|---|
| E. coli (no/100 ml) | 36 | Pass Excellent |
| Enterococci (no/100 ml) | 11 | Pass Excellent |

The testing results in this certificate relate only to the samples described above. Unless otherwise stated, all results are expressed on an as received basis. All analysis was carried out in UKAS accredited laboratory.

Please visit www.swim-safety.co.uk/results-guidance/ for more info on results thresholds.

Water Quality Results Certificate



Client Name: Alderford Lake
Water Body Name: Alderford Lake

Certificate Reference: ALG-AL-020924
Analysis Start Date: 03/09/2024
Report Date: 03/09/2024

Analysis Results – Algae

Sample 1

| Algae species | Algae type | No of colonies or filaments/ml | No of cells/ml |
|---|---|--------------------------------|-----------------------|
| <i>Microcystis aeruginosa</i> (Phylum: Cyanobacteria, Order: Chroococcales) | Blue-green colonies (250 cells) | <1 | - |
| <i>Planktothrix sp.</i> (Phylum: Cyanobacteria, Order: Oscillatoriales) | Blue-green colonies (45 cells) | 2 | 90 |
| | | Total cells/ml | 90 |
| | | WHO Rating | Relatively Low |

Comments

The sample was examined for the presence of Cyanobacteria at upto x400 magnification. 200ml of the sample was then filtered to concentrate the algal cells and this was examined at upto x400 magnification.

2 species of cyanobacteria were found in the sample, at low levels.

The World Health Organisation (WHO Rating) above indicates levels of algae present in the sample(s), against WHO guidance values.

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