

Water Quality Results Certificate



Client Name: Whitmore Estates

Water Body Name: Whitmore Lakes

Certificate Reference: ALG-WE-180826

Analysis Start Date: 19/08/2026

Report Date: 19/08/2026

Analysis Results – Algae

Sample 1 - Swan

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Sample 2 - Cygnet

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Sample 3 - Herron

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Sample 4 - Osprey

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Water Quality Results Certificate



Sample 5 - Kingfisher

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Sample 6 - Dragonfly

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Sample 7 - Otter

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
<i>Microcystis sp.</i> (Phylum: Cyanobacteria, Order: Chroococcales)	Blue-green colonies (1 cell)	<1	<1
		Total cells/ml	<1
		WHO Rating	Relatively Low

Sample 8 - Lily Pond

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Sample 9 - Pool 7

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Water Quality Results Certificate



Sample 10 - Whitmore Lake

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
None Detected	Blue Green	0	0
		Total cells/ml:	0
		WHO Rating:	N/A

Comments

The samples were examined for the presence of cyanobacteria at upto x400 magnification. 200ml of each sample was then filtered to concentrate the cells and this was examined at upto x400 magnification.

The water in Samples 1-6 & 9 (Swan, Cygnet, Heron, Osprey, Kingfisher, Dragonfly & Pool 7) was coloured quite noticeably blue; but was not opaque.

Sample 1 in particular contained a good variety of colonial green algae species and zooplankton.

Sample 8 appeared less blue in colour than the other lakes. It contained moderate/high numbers of the dinoflagellate *Ceratium hirundinella*.

Sample 9 contained a few *Volvox aureus* colonies. This is a large, colonial green algae.

Sample 10 (Whitmore Lake) had notably clear water compared to the other lakes.

Sample 7 (Otter) contained the cyanobacteria *Microcystis* sp., at very low levels (< 1 colony/ml). It also contained high numbers of zooplankton.

No cyanobacteria was found in the other samples.

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

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