

Water Quality Results Certificate



Client Name: Fairhaven Garden Trust

Certificate Reference: ALG-FGT-080725

Water Body Name: Fairhaven Garden Trust - Staithe Access Point to Recreational Water Activities at Fairhaven

Analysis Start Date: 09/07/2025

Report Date: 09/07/2025

Analysis Results – Algae

Sample 1

Algae species	Algae type	No of colonies or filaments/ml	No of cells/ml
<i>Microcystis flos-aquae</i> (Phylum: Cyanobacteria, Order: Chroococcales)	Blue-green colonies (100 cells)	350	35,000
<i>Microcystis cf viridis</i> (Phylum: Cyanobacteria, Order: Chroococcales)	Blue-green colonies (100 cells)	290	29,000
<i>Aphanocapsa sp.</i> (Phylum: Cyanobacteria, Order: Chroococcales)	Blue-green colonies (50 cells)	1,250	62,500
<i>Snowella lacustris</i> (Phylum: Cyanobacteria, Order: Chroococcales)	Blue-green colonies (20 cells)	450	9,000
<i>Dolichospermum flos-aquae</i> (Phylum: Cyanobacteria, Order: Nostocales)	Blue-green colonies (20 cells)	2,790	55,800
<i>Dolichospermum planctonicum</i> (Phylum: Cyanobacteria, Order: Nostocales)	Blue-green colonies (50 cells)	220	11,000
<i>Aphanizomenon flos-aquae</i> (Phylum: Cyanobacteria, Order: Nostocales)	Blue-green colonies (60 cells)	230	13,800
		Total cells/ml	216,100
		WHO Rating	High

Comments

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

7 species of cyanobacteria were found in the sample, at high levels.

Dolichospermum species are known to produce neuro & hepatotoxins and Aphanocapsa species are known to produce hepatotoxins in some blooms. The toxins produced by these cyanobacteria species may be harmful to humans, dogs and livestock. It is unknown whether toxins are being, or will be, produced in this instance.

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.