

Lower Bolton Lake Public Health Cyanobacteria Water Monitoring Results

Date	Location	Dominant taxa	microcystin (ppb)*	Cell Count (cells/ml)*
22-Aug	Boat Launch	Anabaena, Aphanizomenon	0.3	NA
24-Aug	Lakeside La.	Anabaena	< 1.0	91,000
24-Aug	Boat Lauch	Anabaena	< 1.0	130,000
24-Aug	Vernon Rd.	Anabaena	< 1.0	220,000
5-Sep	Indian Notch	Anabaena	< 1.0	220,000
5-Sep	Boat Lauch	Anabaena	< 1.0	160,000
12-Sep	Indian Notch	Anabaena	< 1.0	72,000
12-Sep	Boat Lauch	Anabaena	< 1.0	130,000
19-Sep	Indian Notch	Anabaena, Microcystis	< 1.0	33,000
19-Sep	Boat Lauch	Anabaena, Microcystis, Chroococcus	< 1.0	22,000
26-Sep	Boat Lauch	Anabaena, Microcystis	< 1.0	15,000
26-Sep	Rosedale Beach	Anabaena	< 1.0	2,400
26-Sep	Northern Spillway	Coelosphaerium, Aphanocapsa	< 1.0	19,000
26-Sep	Northern Vernon rd	Anabaena	< 1.0	52,000
26-Sep	Southern Vernon rd	Microcystis	< 1.0	23,000
5-Oct	Lakeside Circle	Coelosphaerium	< 1.0	20,000
5-Oct	Vernon Rd.	Coelosphaerium	< 1.0	23,000

* Massachusetts Department of Public Health Thresholds are ≤ 14 ppb and $\leq 70,000$ cells/ml