

Lake Survey Report

Arrowhead, Lake Club - Lk Arrowhead, Great Bay, Bay of Deep Waters, Rte 46 Pond

Contact Information

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Survey Information

Date: 9/8/2014

Time: 12:15:00 PM

Biologist: Sandra LaVigne

Survey Method: Boat

Water Quality

Alkalinity (mg/l)
[Range: 20-200 mg/l]

48

Dissolved Oxygen (ppm)
[Desirable range: 6-10 ppm]

7.62

Secchi/Clarity (ft)
[Higher = Better]

5.5

pH (SU)
[Range: 6.5-8.5 SU]

7.5

Temperature (°F)
[Seasonal range: 41-86 °F]

72

Note: Typical ranges are provided unless otherwise noted. Normal readings may be within, above, or below typical ranges. Fluctuations from normal readings may indicate a need for further analysis.

Aquatic Vegetation Species

Naiad *Najas sp.*

Algae Species

Filamentous Algae

(To view pictures of the plants surveyed, go to www.alliedbiological.com and click on the Plant Identification link at the bottom of the page.)

Comments

ARROWHEAD LAKE: Lake appearance much improved. Trace amount of Naiad still observed, but appears to be dying back. Sparse patches of floating filamentous algae persisting in front of clubhouse, in coves east and west of island, and in the northern coves. Total coverage approximately 10% of lake surface. **BAY OF DEEP WATER:** Sparse patches of benthic filamentous algae floating to surface scattered throughout. Visible unicellular algae in water column. **GREAT BAY:** Sparse to moderate density Leafy Pondweed scattered throughout. Higher density in north end and southeast basin. Sparse to moderate filamentous algae colonizing on top of plants. **ROUTE 46 POND:** Water cloudy and green with visible unicellular algae along shoreline.

Surveys only. No treatments conducted.

Plant Density Key



None



Trace



Sparse



Moderate



Dense