

Lake Survey Report

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

Arrowhead Lake

Contact Information

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Survey Information

Date: 9/3/2014

Time: 12:50:00 PM

Biologist: Todd Schramm

Survey Method: 18' boat

Water Quality

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

52

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

9

Secchi/Clarity (ft)
[Higher = Better]

6

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

8.5

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

81

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

Brittle Naiad *Najas minor*

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

Moderate to heavy density Brittle Naiad in 40% of northern portion of lake, north of island and scattered around shoreline areas. Moderate density floating filamentous algae along western shoreline. Surface algae was brown and most likely being half up by viable green naiad. Benthic filamentous algae along western shoreline green and colonizing on plants.

Herbicide Reward and copper sulfate applied for control of Brittle Naiad and filamentous algae. Treatment notices were posted.

Plant Density Key



None



Trace



Sparse



Moderate



Dense