

Lake Survey Report

Beaver Dam Lake

Contact Information

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Survey Information

Date: **8/29/2013**
 Time: **8:30:00 AM**
 Biologist: **Jeffrey Horn**
 Survey Method: **Airboat**

Water Quality

Alkalinity (mg/l) [Range: 20-200 mg/l] 100	Dissolved Oxygen (ppm) [Desirable range: 6-10 ppm] 9	Secchi/Clarity (ft) [Higher = Better] 2	pH (SU) [Range: 6.5-8.5 SU] 8.25	Temperature (°F) [Seasonal range: 41-86 °F] 74.7
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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

Eurasian Water Milfoil	<i>Myriophyllum spicatum</i>	Coontail	<i>Ceratophyllum demersum</i>
Duckweed	<i>Lemna sp.</i>	Watermeal	<i>Wolffia columbiana</i>
Water Chestnut	<i>Trapa natans</i>	Waterlilies	<i>Nymphaea spp.</i>

Algae Species

Unicellular 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

Dense unicellular algae throughout the water column. A few small moderate patches of Eurasian watermilfoil and Coontail observed in northeast shoreline. Only a few floating Water Chestnut rosettes were observed in northern end of lake following volunteer hand-pulling efforts.

Copper sulfate (797 lbs.) applied for unicellular algae control. Treatment notices were posted.

Plant Density Key



None



Trace



Sparse



Moderate



Dense