

Lake Survey Report

Beaver Dam Lake

Contact Information

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Survey Information

Date: 7/8/2015

Time: 6:50:00 AM

Biologist: Jeffrey Horn

Survey Method: Airboat

Water Quality

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

88

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

10

Secchi/Clarity (ft)
[Higher = Better]

2.09

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

8.5

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

78.5

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

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

Algae Species

Unicellular Algae
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

Unicellular algae collecting on the surface and windblown along sections of the shoreline in an unsightly green slime. Dense patches of Elodea scattered along the shoreline. Water Chestnut is showing up along entire shoreline. Moderate to dense patches of Elodea in the north cove to the surface with dense amounts of Duckweed stuck to the plants. The balance of the lake does not look bad. Resident volunteers should continue hand pulling efforts to control infestation. May need to permit herbicide for control in 2016.

Copper sulfate (797 lbs.) applied for unicellular algae control. Treatment notices previously posted by Client.

Plant Density Key



None



Trace



Sparse



Moderate



Dense