

Lake Survey Report

Beaver Dam Lake

Contact Information

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Survey Information

Date: 7/19/2011

Time: 9:00:00 AM

Biologist: Jeffrey Horn

Survey Method: Airboat

Water Quality

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

92

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

11

Secchi (ft)
[Higher = Better]

3

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

9.25

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

82.1

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

Aquatic Vegetation Species

Watermeal	<i>Wolffia columbiana</i>	Duckweed	<i>Lemna sp.</i>
Eurasian Watermilfoil	<i>Myriophyllum spicatum</i>	Waterlilies	<i>Nymphaea spp.</i>
Elodea	<i>Elodea canadensis</i>	Leafy Pondweed	<i>Potamogeton foliosus</i>
Water Chestnut	<i>Trapa natans</i>		

Algae Species

Filamentous Alga
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

Shoreline filamentous algae in moderate densities scattered along the entire shoreline. Dense milfoil in coves with filamentous algae, Duckweed and Watermeal collecting on the surface. The bottom half of the northern, long narrow section is 90% covered with filamentous algae, Duckweed and Watermeal.

Copper sulfate (800 lbs.) applied for treatment of unicellular and filamentous algae. Treatment notices were previously posted by District members.

Plant Density Key



None



Trace



Sparse



Moderate



Dense