

## Lake Survey Report

### Beaver Dam Lake

#### Contact Information

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#### Survey Information

Date: 7/30/2012

Time: 9:12:00 AM

Biologist: Jeffrey Horn

Survey Method: Boat

#### Water Quality

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

84

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

9

Secchi/Clarity (ft)  
[Higher = Better]

4

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

8.25

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

78

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

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

#### Algae Species

Filamentous Algae  
Unicellular Algae

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

#### Comments

Dense watermeal and duckweed covering 50% of lake surface (windblown into the coves in very dense amounts). Scattered patches of waterchestnut found at launch and in the north end. Dense E. milfoil found along the entire shoreline with dense patches of Sago Pondweed mixed in. Filamentous algae scattered along the shoreline.

Copper sulfate (800 lbs.) was applied to control algae growth. Treatment notices were posted.

#### Plant Density Key



None



Trace



Sparse



Moderate



Dense