

## Lake Survey Report

### Beaver Dam Lake

#### Contact Information

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#### Survey Information

Date: **7/31/2013**  
 Time: **7:55:00 AM**  
 Biologist: **Bob Schindler**  
 Survey Method: **18' boat**

#### Water Quality

Alkalinity (mg/l) [Range: 20-200 mg/l]	Dissolved Oxygen (ppm) [Desirable range: 6-10 ppm]	Secchi/Clarity (ft) [Higher = Better]	pH (SU) [Range: 6.5-8.5 SU]	Temperature (°F) [Seasonal range: 41-86 °F]
<b>58</b>	<b>11</b>	<b>4'</b>	<b>9</b>	<b>78</b>

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 *Myriophyllum spicatum* Duckweed *Lemna sp.*  
 Watermeal *Wolffia columbiana* Water Chestnut *Trapa natans*

#### Algae Species

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

Moderate to heavy density unicellular algae in water column reducing water clarity in some areas to 2.17 feet. Heavy density Duckweed across much of the northwest lake area and around most of the lake perimeter. Water Chestnut and Watermeal scattered across northwest lake area. Sparse amount of dead milfoil stems scattered about with highest density to the south of the island. Water level appeared approximately 5 inches lower than normal, although trickle outflow was still apparent over small portion of dam.

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

#### Plant Density Key



None



Trace



Sparse



Moderate



Dense