

## Lake Survey Report

### Beaver Dam Lake

#### Contact Information

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#### Survey Information

Date: **7/12/2013**  
 Time: **6:55:00 AM**  
 Biologist: **Jeffrey Horn**  
 Survey Method: **Airboat**

#### Water Quality

|  |   |  |  |   |
|--|---|--|--|---|
| Alkalinity (mg/l)<br>[Range: 20-200 mg/l]<br><b>40</b> | Dissolved Oxygen (ppm)<br>[Desirable range: 6-10 ppm]<br><b>8.5</b> | Secchi/Clarity (ft)<br>[Higher = Better]<br><b>2</b> | pH (SU)<br>[Range: 6.5-8.5 SU]<br><b>8.5</b> | Temperature (°F)<br>[Seasonal range: 41-86 °F]<br><b>80.5</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

Duckweed *Lemna sp.*      Watermeal *Wolffia columbiana*  
 Water Chestnut *Trapa natans*      Elodea *Elodea canadensis*

#### Algae Species

Unicellular Algae  
 Filamentous 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

Sparse amount of decaying milfoil stems collecting on surface and along the shoreline. The June Aquathol-K treatment worked very well. Minor shoreline floating filamentous algae observed. Duckweed and Watermeal collecting in the coves, and the north end around the inlet (est. 4 acres). Water Chestnut has spread from a few plants at the launch up to the north end where there are two large patches. Trace amount of Elodea observed. Unicellular algae in water column reducing clarity.

Copper sulfate applied for unicellular algae control. Treatment notices were posted.

#### Plant Density Key



None



Trace



Sparse



Moderate



Dense