

## Lake Survey Report

### Beaver Dam Lake

#### Contact Information

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#### Survey Information

Date: 8/10/2015

Time: 10:30:00 AM

Biologist: Jeffrey Horn

Survey Method: Airboat

#### 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]
100	13	2	9	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

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

#### 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

Heavy density unicellular algae blooming in the water column. Watermeal collecting portions of the shoreline in windblown patches. Elodea also found in moderate to heavy density patches scattered along shoreline areas. Growth of coontail, water chestnut duckweed, sago pondweed and eurasian milfoil also remain present and viable in shoreline areas.

Copper sulfate applied for unicellular algae control. Lake posted by association.

#### Plant Density Key



None



Trace



Sparse



Moderate



Dense