

Lake Survey Report

Beaver Dam Lake

Contact Information

Contact: **Larry Rossini**
 Telephone:
 Fax:
 E-mail: beaverdamlake@gmail.com

Survey Information

Date: **8/14/2013**
 Time: **10:00:00 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]
120	8	2	9	73.8

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* Coontail *Ceratophyllum demersum*
 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 and click on the Plant Identification link at the bottom of the page.)

Comments

Sparse amount of Eurasian Watermilfoil in north end of lake covering no more than half an acre. Dense Duckweed in north covering approx. six acres. Dense Duckweed also observed in cove on eastern shoreline. Trace density Coontail observed along western shore. Heavy unicellular algae bloom in water column reducing clarity to 2'.

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

Plant Density Key



None



Trace



Sparse



Moderate



Dense