

Lake Survey Report

Beaver Dam Lake

Contact Information

Contact: Larry Rossini

Telephone:

Fax:

E-mail: beaverdamlake@gmail.com

Survey Information

Date: 8/26/2014

Time: 8:30:00 AM

Biologist: Jeffrey Horn

Survey Method: Airboat

Water Quality

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

96

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

11

Secchi/Clarity (ft)
[Higher = Better]

2.5

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

9

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

76.4

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	<i>Myriophyllum spicatum</i>	Coontail	<i>Ceratophyllum demersum</i>
Water Chestnut	<i>Trapa natans</i>	Watermeal	<i>Wolffia columbiana</i>
Duckweed	<i>Lemna sp.</i>	White Waterlily	<i>Nymphaea sp.</i>

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

Watermeal and Duckweed windblown into north cove covering approximately 4 acres. Also scattered in sparse to moderate densities along the shoreline. Moderate amounts of Eurasian Watermilfoil scattered around the lake shoreline, heaviest just southwest of the beach. Large patch of Water Chestnut (approx. 1/4 acre) in the north cove.

Copper sulfate (797 lbs.) applied for unicellular algae control. Treatment notices posted by Association prior to treatment.

Plant Density Key



None



Trace



Sparse



Moderate



Dense