

Lake Survey Report

Beaver Dam Lake

Contact Information

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Survey Information

Date: 8/7/2014

Time: 8:00:00 AM

Biologist: Jeffrey Horn

Survey Method: Airboat

Water Quality

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

90

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

8.5

Secchi/Clarity (ft)
[Higher = Better]

2

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

8.5

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

78.7

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*

Waterlilies *Nymphaea spp.*

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 the shallow north cove covering approx. 6 acres. Scattered accumulation in sparse to moderate amounts also along the shoreline. Moderate density milfoil scattered around the lake. Heaviest density just southwest of the beach. Large patch of Water Chestnut (est. 1/4 acre) in the north cove. Unicellular algae bloom in water column reducing clarity.

Copper sulfate (797 lbs.) applied for control of unicellular algae. Treatment notices were posted. There were 5 areas of District property that were treated with Roundup Poison Ivy for control of terrestrial weeds.

Plant Density Key



None



Trace



Sparse



Moderate



Dense