

Lake Survey Report

Beaver Dam Lake

Contact Information

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Survey Information

Date: 7/22/2014

Time: 9:30:00 AM

Biologist: Kevin Shank

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]

2.75

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

8.75

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

81.2

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

Sago Pondweed *Potamogeton pectinatus*

Duckweed *Lemna sp.*

Water Chestnut *Trapa natans*

Elodea *Elodea canadensis*

Watermeal *Wolffia columbiana*

Eurasian Water Milfoil *Myriophyllum spicatum*

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

Plant growth generally unchanged from previous survey. Trace amount of milfoil throughout the lake. Sparse to moderate Sago Pondweed in south outlet cove. Duckweed throughout, but collecting in north and east coves. Unicellular algae throughout the water column but heaviest in east and south coves.

Copper sulfate (798 lbs.) applied for unicellular algae control. District treatment notices had been posted.

Plant Density Key



None



Trace



Sparse



Moderate



Dense