

Lake Survey Report

Beaver Dam Lake

Contact Information

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Survey Information

Date: **8/20/2012**

Time: **8:00:00 AM**

Biologist: **Jeffrey Horn**

Survey Method: **Airboat**

Water Quality

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

88

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

7

Secchi/Clarity (ft)
[Higher = Better]

38.5

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

74

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

Y

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*

Elodea *Elodea canadensis*

Duckweed *Lemna sp.*

Waterlilies *Nymphaea spp.*

Brittle Naiad *Najas minor*

Sago Pondweed *Potamogeton pectinatus*

Leafy Pondweed *Potamogeton foliosus*

Water Chestnut *Trapa natans*

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asping-leaf Pondweed

Algae Species

Filamentous Algae

Unicellular Algae

Comments

Water Chestnut still present in lake. Dense milfoil around most of the shoreline mixed in with dense Brittle Naiad. Plants extend out to 10' of water depth. Watermeal and Duckweed windblown and collecting in dense mats in the coves. Moderate amount of filamentous algae observed along shoreline. Unicellular algae bloom in water column.

Copper sulfate applied for algae control. Treatment notices were posted.

Plant Density Key



None



Trace



Sparse



Moderate



Dense