

Lake Survey Report

Beaver Dam Lake

Contact Information

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Survey Information

Date: 7/2/2012

Time: 7:00:00 AM

Biologist: Jeffrey Horn

Survey Method: Airboat

Water Quality

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

80

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

9.5

Secchi/Clarity (ft)
[Higher = Better]

5.5

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

8.25

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

79.5

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*

Watermeal *Wolffia columbiana*

Elodea *Elodea canadensis*

Water Chestnut *Trapa natans*

Duckweed *Lemna sp.*

Sago Pondweed *Potamogeton pectinatus*

Leafy Pondweed *Potamogeton foliosus*

Waterlilies *Nymphaea spp.*

Algae Species

Filamentous Alga

Comments

Dense milfoil along the entire shoreline with dense patches of Sago Pondweed mixed in. The plants start on the water's edge and continue out to a depth of 10'. Water Chestnut was found on both sides of the launch. Filamentous algae and dense Watermeal are collecting on topped out milfoil in all coves, 90% of the north finger and scattered in small windblown pockets. Water level is at capacity.

Copper sulfate (800 lbs.) was applied to control algae growth. Treatment notices were posted.

Plant Density Key



None



Trace



Sparse



Moderate



Dense