

Lake Survey Report

Beaver Dam Lake

Contact Information

Contact: **Larry Rossini**
 Telephone:
 Fax:
 E-mail: beaverdamlake@gmail.com

Survey Information

Date: **6/10/2015**
 Time: **9:30:00 AM**
 Biologist: **Jeffrey Horn**
 Survey Method: **Airboat**

Water Quality

Alkalinity (mg/l) [Range: 20-200 mg/l]	Dissolved Oxygen (ppm) [Desirable range: 6-10 ppm]	Secchi/Clarity (ft) [Higher = Better]	pH (SU) [Range: 6.5-8.5 SU]	Temperature (°F) [Seasonal range: 41-86 °F]
84	10	5	8.5	73.4

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>	Sago Pondweed	<i>Potamogeton pectinatus</i>
Elodea/Com. Waterweed	<i>Elodea canadensis</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

Filamentous 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

Dense Eurasian watermilfoil and Sago Pondweed observed around 80% of the shoreline. The width of plants into the lake from shoreline varied greatly. Approximately 10% of shoreline has dense Elodea mixed in. Elodea was also observed at the launch area. The permitted herbicide, Aquathol-K will not control the Elodea. The balance of observed plants were scattered throughout the lake.

Herbicide Aquathol-K applied to shoreline at a width of 60' except in a 5 areas where treatment area extended 120'-180' off shore. Treatment notices were posted

Plant Density Key



None



Trace



Sparse



Moderate



Dense