

Lake Survey Report

Beaver Dam Lake

Contact Information

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

Survey Information

Date: **5/21/2014**
 Time: **9:20:00 AM**
 Biologist: **Bob Schindler**
 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]
92	9	6.75	8.75	68

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

Elodea	<i>Elodea canadensis</i>	Duckweed	<i>Lemna sp.</i>
Eurasian Water Milfoil	<i>Myriophyllum spicatum</i>	Curlyleaf Pondweed	<i>Potamogeton crispus</i>
Sago Pondweed	<i>Potamogeton pectinatus</i>		

Algae Species

Filamentous Algae
 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

Sparse to moderate to heavy density Curlyleaf Pondweed with scattered trace to sparse Eurasian Watermilfoil observed throughout Beaver Dam Lake. Sparse to moderate amounts of Sago Pondweed mixed in along most shorelines and cove areas. Duckweed is scattered along the north cove shoreline, down the western shoreline to the end of the inlet cove and south of the boat launch. Windblown blue-green algae collecting on lake surface and is present throughout the water column. The beach area contains sparse Curlyleaf Pondweed and Sago Pondweed with only trace to sparse milfoil growth. All plant growth is restricted to less than 6-7' of water depth.

Herbicide treatment at this time will target the Curlyleaf Pondweed, but may not impact the majority of anticipated milfoil growth. With the limited herbicide 20 acre treatment area budget, an herbicide application for the beach area only combined with a full lake algicide treatment could be scheduled for Thursday, May 29th. The second treatment could be scheduled in mid to late-June after the milfoil has a chance to develop. Please advise.

Plant Density Key



None



Trace



Sparse



Moderate



Dense