

Lake Survey Report

Beaver Dam Lake

Contact Information

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Survey Information

Date: 5/29/2014
 Time: 11:30:00 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]
100	9	6	8	69.2

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	<i>Potamogeton pectinatus</i>	Curlyleaf Pondweed	<i>Potamogeton crispus</i>
Elodea	<i>Elodea canadensis</i>	Eurasian Water Milfoil	<i>Myriophyllum spicatum</i>
Duckweed	<i>Lemna sp.</i>	Waterlilies	<i>Nymphaea spp.</i>
Water Chestnut	<i>Trapa natans</i>	Leafy Pondweed	<i>Potamogeton foliosus</i>

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

Curlyleaf Pondweed to the surface in 10 to 15% of the north finger. Small dense patches of Elodea scattered along the shoreline. Dense Sago Pondweed observed around the beach and scattered around the lake perimeter. Moderate density Eurasian Watermilfoil plants are 20 to 24 inches below the surface in 9' depths. Filamentous algae starting to colonize on the plants. Unicellular algae (green and blue-green) building in the water column.

Herbicide Aquathol-K applied in beach area to control pond weed growth in swim area. Treatment notices were posted by the client.

Plant Density Key



None



Trace



Sparse



Moderate



Dense