

## Lake Survey Report

### Beaver Dam Lake

#### Contact Information

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#### Survey Information

Date: **6/19/2014**  
 Time: **10:30:00 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]
<b>92</b>	<b>8</b>	<b>4.17</b>	<b>8.75</b>	<b>74</b>

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>	Eurasian Water Milfoil <i>Myriophyllum spicatum</i>
Duckweed <i>Lemna sp.</i>	Water Chestnut <i>Trapa natans</i>
Water Chestnut <i>Trapa natans</i>	Curlyleaf Pondweed <i>Potamogeton crispus</i>
Elodea <i>Elodea canadensis</i>	

#### Algae Species

Unicellular Algae  
 Filamentous Algae

(To view pictures of the plants surveyed, go to [www.alliedbiological.com](http://www.alliedbiological.com) and click on the Plant Identification link at the bottom of the page.)

#### Comments

Sago Pondweed observed at moderate densities in much of the lake. Trace to sparse density milfoil limited to southeast cove and north finger. Several Water Chestnut plants adjacent to boat launch and a few plants observed in north finger. Sparse to moderate surface filamentous algae throughout with heaviest densities in southeast cove and north finger. Unicellular algae increasing in water column reducing overall secchi reading to 4'2".

Herbicide Aquathol-K applied for weed control within 20 acres of highest plant density areas including southeast cove, the cove behind the small island, the north finger and the beach area. Treatment notices were posted by the client. Anticipate algicide application will be

#### Plant Density Key



None



Trace



Sparse



Moderate



Dense



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• Maryland, NY

required in two weeks.

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None



Trace



Sparse



Moderate



Dense