

## Lake Survey Report

### Beaver Dam Lake

#### Contact

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#### Survey Information

Date: 6/24/2010

Time: 9:45:00 AM

Biologist: Bob Schindler

Survey Method: Airboat

#### Findings

Alkalinity: 100

DO (ppm): 9

Secchi (Visibility in ft.): 4.5

pH: 9

Temperature(°F): 81

#### Aquatic Vegetation Species

Curlyleaf Pondweed *Potamogeton crispus*

Elodea *Elodea canadensis*

Eurasian Watermilfoil *Myriophyllum spicatum*

Leafy Pondweed *Potamogeton foliosus*

Duckweed *Lemna sp.*

Sago Pondweed

#### Algae Species

Filamentous Algae

Unicellular 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

Scattered trace amounts of Curlyleaf Pondweed and Eurasian watermilfoil throughout the lake. Very dense areas of Leafy Pondweed and Sago Pondweed along large portions of the shoreline. Scattered moderate growth of Elodea along small areas of shoreline. Duckweed observed on approx. 2 acres of the lake's surface. Sparse to moderate filamentous algae along 20-30% of the shoreline. No Water Chestnut observed. Unicellular algae developing in water column. Met with Bill Auerbach and determined that full lake (800 lbs) treatment should be conducted.

#### Treatments Conducted

Copper sulfate (800 lbs) applied to control unicellular algae. Treatment notices were posted by Association.

#### Plant Density Key



None



Trace



Sparse



Moderate



Dense