

Lake Survey Report

Beaver Dam Lake

Contact

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Survey Information

Date: 6/21/2011

Time: 8:20:00 AM

Biologist: Bob Schindler

Survey Method: Airboat

Findings

Alkalinity: 100 DO (ppm): 11 Secchi (Visibility in ft.): 4 pH: 9.25 Temperature(°F): 77

Aquatic Vegetation Species

Elodea *Elodea canadensis*

Water Chestnut *Trapa natans*

Eurasian Watermilfoil *Myriophyllum spicatum*

Sago Pondweed *Potamogeton pectinatus*

Duckweed *Lemna sp.*

Curlyleaf Pondweed *Potamogeton crispus*

Leafy Pondweed *Potamogeton foliosus*

Algae Species

Unicellular Algae

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

Heavy density surface algae in northern end of inlet area with sparse to moderate growth along 80% of remainder of shoreline. Heavy density Elodea along western shoreline from inlet area tapering off by fourth house from spillway. Scattered stems of Leafy Pondweed and Curlyleaf Pondweed observed along shoreline edge. Varying density of Eurasian milfoil observed in areas where water depth is less than six feet. Approximately 30 Water Chestnut plants hand-pulled from launch area. Sago Pondweed at most heavy density north of spillway continuing east along shoreline ending at the park area north side of eastern cove. Unicellular algae bloom in water column.

Copper sulfate (800 lbs.) applied for control of unicellular algae bloom. Pre-treatment posting conducted by District.

Plant Density Key



None



Trace



Sparse



Moderate



Dense