

Lake Survey Report Beaver Dam Lake

Contract Information

Contact:
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Survey Information

Date: 8/9/07
Time: 11:00 AM
Biologist: Brian Janoski
Survey Method: Airboat

Water Quality

Alkalinity (mg/l) [Range: 20-200 ml]	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°]
----	10	2.5	8.25	80

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

Curly-leaf pondweed (<i>Potamogeton crispus</i>)	Small duckweed (<i>Lemna minor</i>)
Sago Pondweed (<i>Potamogeton pectinatus</i>)	

Algae Species

Unicellular algae
Filamentous algae

Comments

Shoreline filamentous algae was present in moderate densities 1-15 feet from shoreline. Very little filamentous algae was present off of the shoreline. The water color was very green with heavy phytoplankton. Both algae types were treated. Vascular vegetation was heaviest within 25 ft of the shoreline but below nuisance densities.

Citrine Plus was applied to control filamentous and unicellular algae.

Plant Density Key



None



Trace



Sparse



Moderate



Dense