

## Lake Survey Report

### Truesdale Lake

#### Contact Information

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#### Survey Information

Date: 4/27/2015  
 Time: 12:45:00 PM  
 Biologist: Kevin Shank  
 Survey Method: Airboat

#### Water Quality

Alkalinity (mg/l) [Range: 20-200 mg/l] <b>68</b>	Dissolved Oxygen (ppm) [Desirable range: 6-10 ppm] <b>10</b>	Secchi/Clarity (ft) [Higher = Better] <b>6</b>	pH (SU) [Range: 6.5-8.5 SU] <b>8</b>	Temperature (°F) [Seasonal range: 41-86 °F] <b>53</b>
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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

Curlyleaf Pondweed *Potamogeton crispus*

#### Algae Species

Filamentous Algae  
 Chara

(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

Truesdale Lake aesthetically looks good. Trace amounts of benthic filamentous algae, Curlyleaf Pondweed and Chara observed around launch and beach area. Lake currently supporting 50% of varied Curlyleaf Pondweed growth. Most plants in 2-5' depth water with sparse densities in south end of lake lessening to trace amounts moving north. Most growth along western shoreline and south shallower end. Plants average 8"-18" in length, but at least 18"-24" below the surface. Plant growth not considered problematic at this time.

Treatment not required.

#### Plant Density Key



None



Trace



Sparse



Moderate



Dense