

Survey Report

Survey Information

Site Name: High Crest Lake
Date: September 25, 2019
Biologist: Jeff Horn
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]	Temp. (°F) [Seasonal Range: 41-86°]
80	7.5	4	7.5	70

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.

Comments

The last visit to High Crest Lake for the 2019 season found the lake to be healthy and in good shape. The water level was somewhat low with no outflow. Trace amounts of unicellular algae was observed collected on the surface. Eelgrass (*Vallisneria americana*) a native plant , is the dominate plant occupying 90% of the shoreline. This plant supplies excellent shelter for young fish while absorbing nutrients in the lake sediment and the water column. Brittle naiad is also found along the shoreline in moderate amounts. On the surface Watershield and White Water lilies are occupying a few areas scattered around the lake. The amount of Watershield on the surface has almost doubled in the last three years. Although this plant can have a favorable environmental impact, it should not be allowed to grow unchecked. A Water Quality Program, including nutrient load, and once a month water collection for algae count and identification is recommended for next year.

Plant Density Key



None



Trace



Sparse



Moderate



Dense