

Water quality measured opposite beach 10/9/2017

Water clarity by Secchi disk was 7 ft. and within the range of depths measured over the years for this point in the season.

The depth at which dissolved oxygen drops below 5 ppm, the level required for a healthy aquatic environment, was 16.5 ft. and within the range of depths measured over the years for this point in the season.

The shape of the DO and Temp. curves are typical with dissolved oxygen not dropping until the temperature reaches the thermocline, the rapid drop in temperature vs depth.

The pH, a measure of acidity or alkalinity, with 7.0 being neutral and higher values being more alkaline, was 8.2. The normal range of pH for a healthy lake is 6.5 – 9.0. pH measurements on the main lake have maintained a range of 7.3 to 8.8.

Clarity, Oxygen, pH and Temperature values are typical of the season.

