



Milton Reservoir Water Quality Report



March 29, 2023

Water Summary

Milton Reservoir is sampled twice a month between March and October and monthly between November and February. The Barr Lake and Milton Reservoir Watershed Association coordinates all the efforts to monitor, test, and improve the water quality in Milton. Regular lake sampling started in 2002.

March – Milton Reservoir dropped a little in elevation compared to the first week of March. The springtime brings both warm and cool weather allowing for periods of thermal warming and stratification and then complete lake mixing. The water temperature is only 42 ° F. The surface water is still cold. With this full water column mixing comes more volume of water to grow algae. Water quality parameters like temperature, turbidity, pH, and oxygen are uniform from top to bottom. The water temperature for Milton seems to be slightly below average for the end of March. There seems to be more algal growth in Milton than Barr. The percent oxygen is well over 100%.



Watershed News

Rain barrels are a great way to help reduce storm water runoff, decrease phosphorus loads to Barr and Milton, and help conserve water. There are several rain barrel workshops planned this year to help you build and install a rain collection system. You can have two 55-gallon barrels per household.

Join BMW Association

BARR LAKE AND MILTON RESERVOIR ASSOCIATION

The BMW Association's mission is to improve the water quality by encouraging cooperation, involvement, and awareness with people living near and upstream of Barr Lake and Milton Reservoir.

You can learn more about the lakes and what is going on in the watershed by going to www.barr-milton.org.

Contact Sami Miller, watershed coordinator, at miller.sami@outlook.com.

Cooperation, Involvement, and Awareness

Water Quality Stats (as of 03-29-23)

Maximum Depth: 26.2 feet (dam outlet) Water Temperature: 42.1° F (taken 3 feet below surface)

Water Clarity: 1.3 feet (≥ 3 feet is good) Dissolved Oxygen: 143.0% (>80% is good)

pH: 8.81 (between 6 and 9 is good) Chlorophyll-a: <50.0 ppb (How green, ≤ 25 is good)

