



Milton Reservoir Water Quality Report



September 12, 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.

September – No signs of a bloom for Milton Reservoir. The growing season is winding down for the year. Water depth is still well above average for this time of year. Water clarity was still only a couple of feet deep. Milton was fulling mixing or turning over with very similar water quality from top to bottom. The reservoir will slowly cool down until ice cover occurs. During in-reservoir monitoring 1.0 meter and 5.0 meter water was collected. Most of the analysis will be for nitrogen and phosphorus species. SRP or Soluble Reactive Phosphorus is the portion of Total Phosphorus that is readily available for algae to use. The state standard of 0.047 mg/L that will go into effect in 2028 is for TP.



Watershed News

Annual BBQ and Stakeholder meeting is coming up September 26th at Barr Lake Nature Center from 9am to noon. There will be opportunities to hear updates, ask questions, and get out on the water. New at-large board members will be voted in.

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 09-12-23)

Maximum Depth: 20.7 feet (dam outlet) Water Temperature: 70.2° F (taken 3 feet below surface)

Water Clarity: 1.6 feet (≥ 3 feet is good) Dissolved Oxygen: 72.7% (>80% is good)

pH: 8.41 (between 6 and 9 is good) Chlorophyll-a: <40.0 ppb (How green, ≤ 25 is good)

