



Milton Reservoir Water Quality Report



December 11, 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.

December – Similar to Barr Lake, Milton experiences an increase in bottom water phosphorus when the oxygen goes to zero. Milton is slightly shallower and tends to mix more often than Barr but still experiences internal loading. Like Barr Lake, this internal loading occurred during ice-cover and during the early part of the summer when the reservoir was at full pool. Timing of this internal loading can have a large impact on the spring and summer algal blooms. This was the last sampling event for 2023. Milton did meet the pH standard for 2023 but did not meet the dissolved oxygen standard. Dissolved oxygen dipped below 5.0 mg/L on May 9th, June 13th, and August 9th.



Watershed News

BMW Association wants to thank Michelle Seubert (Barr Lake Park Manager) for her service for the past 15 years and welcome in Lisa Gill as the new park manager. We are excited to continue working with CPW on water quality topics at Barr Lake. 2024 will be a great year.

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 12-11-23)

Maximum Depth: 22.0 feet (dam outlet) Water Temperature: 36.1^o F (taken 3 feet below surface)

Water Clarity: 2.0 feet (≥ 3 feet is good) Dissolved Oxygen: 136.9% (>80% is good)

pH: 7.36 Chlorophyll-a: <30.0 ppb (How green, ≤ 25 is good)

