



# Milton Reservoir Water Quality Report



November 13, 2024

## 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.

*November* – Milton was almost three feet deeper than late October. At the beginning of refill, you can visually see more organic material in the water that came from the inlet ditch. The wet dredging equipment was further east and closer to the dam area. Similar to Barr Lake, Milton was fully mixing top to the bottom and allowing the water column to be completely oxygenated. Algal growth is less than Barr Lake and slightly less than late October. Water temperature is finally back to average and ice cover usually forms in early January.



## Watershed News

*November marks the beginning of the water year for both Barr Lake and Milton Reservoir. In typical years, Barr begins to refill in October/November and Milton around January. Because of construction projects, Barr Lake started refilling on November 23<sup>rd</sup>, 2024.*

## 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](http://www.barr-milton.org).

Contact Sami Miller, watershed coordinator, at [miller.sami@outlook.com](mailto:miller.sami@outlook.com).

*Cooperation, Involvement, and Awareness*



## Water Quality Stats (as of 11-13-24)

Maximum Depth: 12.8 feet (dam outlet)      Water Temperature: 41.0° F (taken 3 feet below surface)

Water Clarity: 1.6 feet (≥ 3 feet is good)      Dissolved Oxygen: 117.0% (>80% is good)

pH: 8.88 (between 6 and 9 is good)      Chlorophyll-a: <50 ppb (How green, ≤ 25 is good)

