Milton Reservoir Water Quality Report

January 14, 2025

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.

January – Milton Reservoir had ice but not as much or thick as Barr. Usually, Milton is colder and has thicker ice but not this time. There was a large pool of open water near the dam so there was no need to auger through the ice. Milton had some algae growing but not as much as Barr Lake. Water is coming in and is close to being full. Milton is slightly thermally stratified which means for the wintertime that the water gets warmer as you go deeper. This is opposite during the summer months when the water gets warmer as you go deeper. Water is heaviest at 4 degrees Celsius so the bottom water during ice cover will typically be close to that temperature. Milton had plenty of oxygen and the pH was below 9.0.

Water Quality Stats (as of 01-14-25)

Maximum Depth: 23.3 feet
(dam outlet)

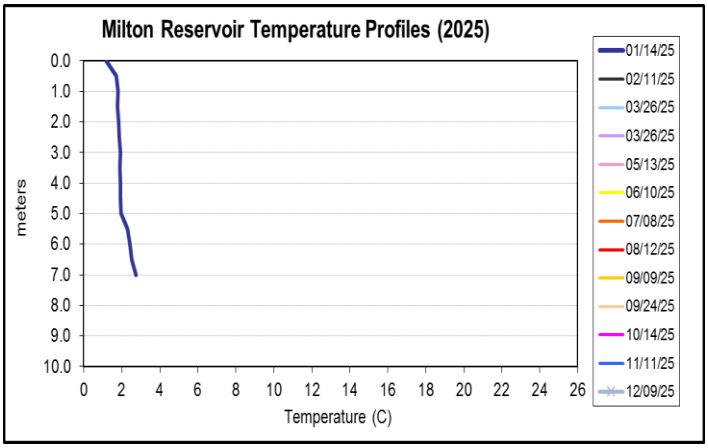
Water Temperature: 35.2^0 F
(taken 3 feet below surface)

Water Clarity: 3.1 feet
(≥ 3 feet is good)

Dissolved Oxygen: 113.7%
(>80% is good)

pH: 8.64
(between 6 and 9 is good)

Chlorophyll-a: <25.0 ppb
(How green, ≤ 25 is good)



ZERO PHOSPHORUS On Your Lawn

Watershed News

The next BMW board meeting will be February 25th. The change for 2025 is that all Information/Education meetings will now be a part of the board meetings. The Technical Committee still meets the fourth Thursday of the odd months at 9am. Anyone is welcome attend these BMW meetings.

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