Milton Reservoir Water Quality Report

September 25, 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.

September – This concludes monitoring during the growing season. July through September are the key months for monitoring. Milton still shows no signs of algal blooms forming on the surface. There was slightly more algal growth compared to early September. The water level did not change over the past two weeks. The phosphorus concentrations are still about half of Barr Lake's. With almost a complete reservoir refill this coming winter, we will see how the nutrients level compare to the past couple of wetter and fuller years. Waterfowl were in high numbers during sampling. Milton is important water spot along the Central Flyway. This avian superhighway along the front range helps get over 50% of our countries birds to warmer conditions.

Water Quality Stats (as of 09-25-24)

Maximum Depth: 11.2 feet
(dam outlet)

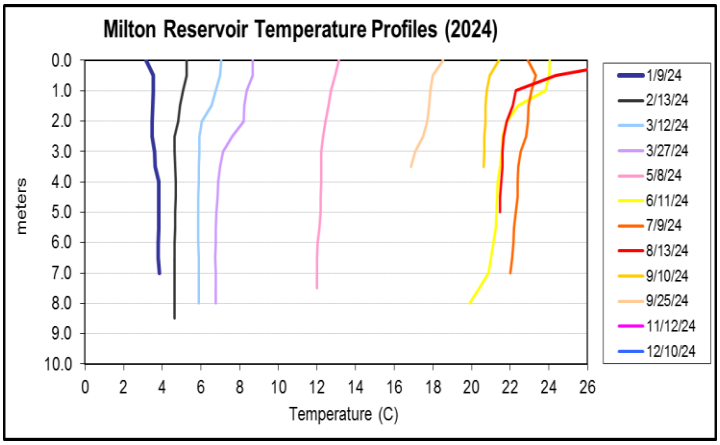
Water Temperature: 64.1^0 F
(taken 3 feet below surface)

Water Clarity: 1.3 feet
(≥ 3 feet is good)

Dissolved Oxygen: 117.5%
(>80% is good)

pH: 8.65
(between 6 and 9 is good)

Chlorophyll-a: <30 ppb
(How green, ≤ 25 is good)



ZERO PHOSPHORUS On Your Lawn

H2ONLY KEEPITCLEAN

Watershed News

Thank you Lochbuie for letting us tour your wastewater retreatment plant. At 1.8 MGD and plans to expand to 6 MGD, this facility is important to Milton Reservoir. A new board was selected with three at-large directors voted (SPCURE, Heritage Sporting, and Barr Lake State Park).

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