



Milton Reservoir Water Quality Report



September 27, 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 – This is the last monitoring event for the 2023 growing season for Colorado lakes. Milton is already refilling and is about 2 feet higher than two weeks ago. Water temperatures are coming down but are about 6 degrees F higher than normal for this time of year. The recent calm, warm weather has allowed the top waters to warm up during the day. Overall, Milton was looking good for this time of year. DO was right at 100% and pH average of the top mixing later was below 9.0. Good news, the Brighton Wastewater Treatment Plant is no longer working and all of Brighton's wastewater is now going to Metro's North Treatment Plant. All of Brighton's wastewater is not being treated for phosphorus just upstream of Milton.



Watershed News

On September 12th, BMW hired experts to install and maintain continuous monitoring equipment in Barr Lake. Data is being collected every 30 minutes and sent to the internet. It will help show how changes occur over 24 hours. The sensor will be used in 2024 and in 2025.

Join BMW Association

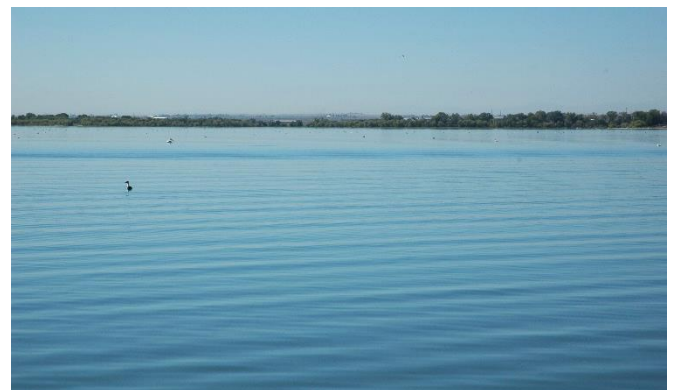
BARR LAKE AND MILTON RESERVOIR ASSOCIATION

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 09-27-23)

Maximum Depth: 21.7 feet (dam outlet) Water Temperature: 66.7° F (taken 3 feet below surface)

Water Clarity: 1.7 feet (≥ 3 feet is good) Dissolved Oxygen: 99.8% (>80% is good)

pH: 8.46 (between 6 and 9 is good) Chlorophyll-a: <30.0 ppb (How green, ≤ 25 is good)

