



Milton Reservoir Water Quality Report



May 9, 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.

May – Milton Reservoir also experiencing a clearing phase. Zooplankton are consuming the algae and very few algae are growing. It is good to see clearer water and less algae, but the dissolved oxygen has gone below the standard of 5.0 mg/L. Milton did not meet the oxygen standard. pH is well below average and close to neutral. Milton is a couple of degrees warmer than Barr. For the past couple of years, Milton has seen a shorter window of clearer waters and not as deep as in the past. We will see how deep the clarity goes and for how long.



Watershed News

That time of year when lawn owners go out and fertilize their lawns. To help with water quality in Barr and Milton, please use phosphorus free lawn fertilizers if you are planning to fertilize this year. Make sure you clean up all spills and keep leaves, grass clippings and dirt from getting to the storm drains. Lovecoloradowater.org/care

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 05-09-23)

Maximum Depth: 25.6 feet (dam outlet) Water Temperature: 61.3° F (taken 3 feet below surface)

Water Clarity: 6.7 feet (≥ 3 feet is good) Dissolved Oxygen: 56.7% (>80% is good)

pH: 7.82 (between 6 and 9 is good) Chlorophyll-a: <10.0 ppb (How green, ≤ 25 is good)

