



Milton Reservoir Water Quality Report



May 25, 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 is experiencing above average water levels. Several docks, BBQs, garbage cans, and shade structures are inundated on the east side of the reservoir. Water level is about a foot below the spillway. Dredging equipment is still on the west side of the reservoir. Overall, water quality is great and meeting standards for pH and oxygen. Similar to Barr, Milton’s pH is below 8.0 for the entire water column. There are no signs of any major algal growth with dissolved oxygen being just under 100% saturation. The bottom three feet of water was anoxic, void of any oxygen. This will allow for phosphorus to build up in the bottom waters until the reservoir fully mixes this summer.



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 05-25-23)

Maximum Depth: 27.6 feet (dam outlet) Water Temperature: 65.7° F (taken 3 feet below surface)

Water Clarity: 8.9 feet (≥ 3 feet is good) Dissolved Oxygen: 95.5% (>80% is good)

pH: 7.73 (between 6 and 9 is good) Chlorophyll-a: <10.0 ppb (How green, ≤ 25 is good)

Average Depth by Month, Milton Reservoir

