



Milton Reservoir Water Quality Report



April 11, 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.

April – Milton Reservoir came back up to full pool again. The reservoir is producing a lot of algae right now, mostly diatoms. The water clarity is low, pH is still below 9.0, and the dissolved oxygen is well above 100%. The algae are growing for now. Hopefully there will be a clearing phase in the next couple of months. Overall, the chl-a seems to be lower than last year but still higher than the historical average. The soluble phosphorus is only 0.03 parts per million which is low for Milton. The total phosphorus levels are around 0.26 parts per million. The goal is to have total phosphorus below 0.1 parts per million between July and September.



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

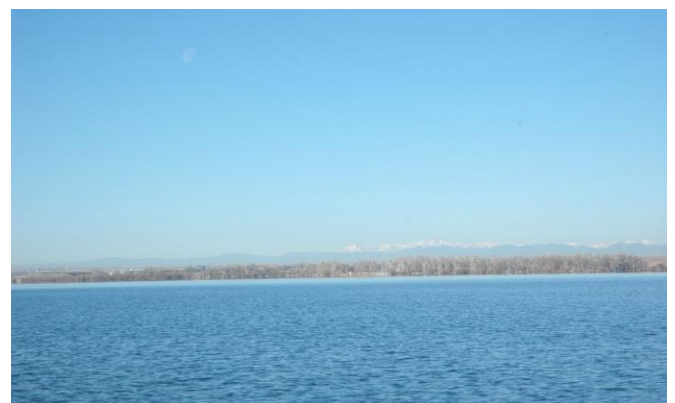
BARR LAKE AND MILTON RESERVOIR ASSOCIATION

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 04-11-23)

Maximum Depth: 26.2 feet (dam outlet) Water Temperature: 42.1° F (taken 3 feet below surface)

Water Clarity: 1.3 feet (≥ 3 feet is good) Dissolved Oxygen: 143.0% (>80% is good)

pH: 8.81 (between 6 and 9 is good) Chlorophyll-a: <50.0 ppb (How green, ≤ 25 is good)

