



# Milton Reservoir Water Quality Report



June 13, 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.

June – Milton’s water elevation is even higher than May topping out at 28.2 feet at the dam outlet. There were two noticeable inflows causing short circuiting, pump back near the dam and the inlet from Platte Valley Canal. These inflows are close to the dam outlet. A noticeable scum line went west to east across the lake from the inlet and active dredging area. Blue-green algae were present in the zooplankton net indicating that the algae season is here for Milton. Clarity is slightly down and oxygen as well.



## 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](http://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](http://www.barr-milton.org).

Contact Sami Miller, watershed coordinator, at [miller.sami@outlook.com](mailto:miller.sami@outlook.com).

*Cooperation, Involvement, and Awareness*



## Water Quality Stats (as of 06-13-23)

Maximum Depth: 28.2 feet (dam outlet)      Water Temperature: 67.5° F (taken 3 feet below surface)

Water Clarity: 3.4 feet (≥ 3 feet is good)      Dissolved Oxygen: 65.4% (>80% is good)

pH: 8.13 (between 6 and 9 is good)      Chlorophyll-a: <20.0 ppb (How green, ≤ 25 is good)

