



# Milton Reservoir Water Quality Report



December 20, 2022

## 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.

*December* – Milton has been very productive during this fall and the lower water levels. There have been some inflows from the dewatering for the dredging project that is still ongoing. There have also been some flows in from the Platte Valley Canal. The water depth cam up by 16 inches since November. One noticeable difference this fall is alkalinity. Alkalinity has been much lower than average since early September. Water clarity, like Barr Lake, has changed over the years. Due to increase in winter-time diatom blooms, water clarity on average is lower during the winter and early spring. There was six inches of hard, clear ice on Milton. The ice was slightly thicker than Barr Lake. A water quality summary will be generated in early 2023 for Milton.



## Watershed News

*Heading into winter, there is a major effort to keep tree leaves out of our streets and storm drains. Leaf Drop Off programs are important for watershed residents to participate in. Keep leaves out of the street. They end up triggering algae blooms downstream in Barr/Milton.*

## 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 Amy Conklin, watershed coordinator, at [amy.conklin@comcast.net](mailto:amy.conklin@comcast.net) or 303-795-5925.

*Cooperation, Involvement, and Awareness*



## Water Quality Stats (as of 12-20-22)

Maximum Depth: 9.2 feet (dam outlet)      Water Temperature: 36.5° F (taken 3 feet below surface)

Water Clarity: 1.0 feet (≥ 3 feet is good)      Dissolved Oxygen: 156.2% (>80% is good)

pH: 9.01      Chlorophyll-a: <200.0 ppb (between 6 and 9 is good) (How green, ≤ 25 is good)

