



# Milton Reservoir Water Quality Report



October 26, 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.

*October* – Not much has changed at Milton since early October. The depth and clarity are the same. The water has cooled down by about 10 degrees F. Wet dredging is still occurring near the Platte Valley Canal inlet. No major amount of water has entered the reservoir. Algae is still very active, mainly diatoms and green algae species. Milton will not meet the pH standard for this year.



## Watershed News

*Storm water managers across the watershed are working on new monitoring efforts because of recent discharge permit updates. This will include both dry and wet weather data from outfalls. There is a great storm water dataset for the S. Platte River going back years.*

## 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 10-26-22)

Maximum Depth: 8.9 feet (dam outlet)      Water Temperature: 49.9° F (taken 3 feet below surface)

Water Clarity: 1.0 feet (≥ 3 feet is good)      Dissolved Oxygen: 132.5% (>80% is good)

pH: 9.33 (between 6 and 9 is good)      Chlorophyll-a: <100.0 ppb (How green, ≤ 25 is good)

Average Depth by Month, Milton Reservoir

