



# Milton Reservoir Water Quality Report



October 11, 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* – Milton has been producing chlorophyll-a from the high production of algae this fall. Water clarity is low, pH is high, and DO is well above 100%. All signs of large primary productivity by the algae. No inflows yet for Milton. There is still major dredging occurring near the Platte Valley Canal inlet. The water continues to cool similar to most years. Colder water can hold more oxygen so the concentrations are higher helping with keeping the water fully oxygenated for the fish.



## Watershed News

*Water 22' is promoting water awareness for all of 2022. To learn more about Water 22', go to [www.water22.org](http://www.water22.org). The newest public service announcement is from Coors. There is also a list of upcoming events this fall.*

## 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 10-11-22)

Maximum Depth: 8.9 feet (dam outlet)      Water Temperature: 60.1° F (taken 3 feet below surface)

Water Clarity: 1.1 feet (≥ 3 feet is good)      Dissolved Oxygen: 156.2% (>80% is good)

pH: 9.10 (between 6 and 9 is good)      Chlorophyll-a: <100.0 ppb (How green, ≤ 25 is good)

