



Milton Reservoir Water Quality Report



November 13, 2018

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 of the efforts to monitor, test, and improve the water quality in Milton. Regular lake sampling started in 2002 and will continue into the future. It is important to closely monitor water quality to observe any major changes that would impact wildlife, lake users, or downstream water users.

November – Milton Reservoir has not change in depth since last month. The current surface area of Milton is 1,092 acres, and the volume is close to 8,294 acre-feet, which is about 27% full. Despite the cooler weather and shorter days, algae are still growing in Milton. This biological activity is keeping the oxygen well above 100%, and pH is getting closer 9.0. We are in the winter season for sampling so Milton Reservoir will be sampled monthly until March of 2019.

Be algae aware. Summer is the time when blue-green algae like to grow. They are the only algae that can float to the surface and form harmful scums. Be algae aware and avoid contact with the scum.



Water Quality Stats (as of 11-13-18)

Maximum Depth: 13.8 feet (dam outlet) Water Temperature: 39.7° F (taken 3 feet below surface)

Water Clarity: 2.4 feet (≥ 3 feet is good) Dissolved Oxygen: 124.0% (>80% is good)

pH: 8.90 (between 6 and 9 is good) Chlorophyll-a: >50 ppb (How green, ≤ 25 is good)

Watershed News

BMW is participating in a watershed workgroup organized by the Colorado Department of Public Health and Environment (CDPHE) to evaluate impacts of adding phosphorus to Denver Water's drinking water system. Adding phosphorus helps to reduce lead in drinking water. But, the added phosphorus can aggravate the problem of downstream algae blooms.

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 Amy Conklin, watershed coordinator, at amy.conklin@comcast.net or 303-795-5925.

Cooperation, Involvement, and Awareness



Milton Reservoir
Depth-Volume Hypsograph

