



Milton Reservoir Water Quality Report



May 22, 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, park users, or downstream water users.

May – Unlike Barr Lake, Milton is exhibiting more stable conditions this spring. Milton is experiencing a decrease in algae in the water column, clarity has improved by close to 5 feet in two weeks, and the pH and DO are both down from early May. The trade off right now for good water clarity, lower Chl-a, and lower pH is lower dissolved oxygen and more attached, filamentous algal growth around the perimeter of the reservoir. Phosphorus continues to remain well below average which helps control algal growth, keeping pH below 9.0, and having clear water in the deeper portions of the reservoir. Water temperature is warming up which can favor more algal growth. Summer is here.

Runoff from snow and thunder storms this spring creates lots of flow from our streets, parking lots, and driveways. Do your part by keeping the drains clear of trash and debris.



Watershed News

Two great events are being planned for this coming June. June 5th and 6th there is the annual free bike tour that will follow Sand Creek from Bluff Lake to the S. Platte River. Then June 26th is the annual watershed tour. This year's tour will highlight the big changes going on around the Western Complex and the S. Platte River.

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

Water Quality Stats (as of 05-08-18)

Maximum Depth: 26.9 feet (dam outlet) Water Temperature: 63.8° F (taken 3 feet below surface)

Water Clarity: 13.1 feet (≥ 3 feet is good) Dissolved Oxygen: 70.4% (>80% is good)

pH: 8.23 (between 6 and 9 is good) Chlorophyll-a: <5 ppb (How green, ≤ 25 is good)

