



Milton Reservoir Water Quality Report



March 28, 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.

March – Milton was 6 degrees warmer than at the beginning of March. This is because of the longer days and warmer weather. Water clarity is 2 meters or just over 6 feet. The soluble form of phosphorus (SRP or Soluble Reactive Phosphorus) is below 30 parts per billion, which is below the lab's detection limit. This is much less than last year (375 parts per billion) and the 10-year average of about 500 parts per billion. SRP is the portion of the total phosphorus that is most readily useable by the algae. Phosphorus levels started out high then slowly declined in 2017 after a big refill in the winter of 2016. For 2018, less refill water was needed so less phosphorus came in this winter.

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 03-28-18)

Maximum Depth: 26.2 feet (dam outlet) Water Temperature: 48.6° F (taken 3 feet below surface)

Water Clarity: 6.6 feet (≥ 3 feet is good) Dissolved Oxygen: 84.8% (>80% is good)

pH: 8.73 (between 6 and 9 is good) Chlorophyll-a: <30 ppb (How green, ≤ 25 is good)

