



Milton Reservoir Water Quality Report



April 9, 2019

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.

April – Milton is about a foot down from two weeks ago. The water is almost 10 degrees warmer. Similar to Barr Lake, Milton is growing lots of diatom algae which is typical this time of the year. High algal growth is causing the elevated oxygen and pH readings. Most of the water and nutrients come to Milton during the winter months via the Platte Valley Canal that diverts water from the S. Platte River just downstream of Fort Lupton. The winter refill really determines how the reservoir will behave for the following summer/growing/recreational season. As the Spring-time algae consume the phosphorus, the concentrations tend to decrease. January TP of 690 ppb is now down to 520 ppb for the end of March.

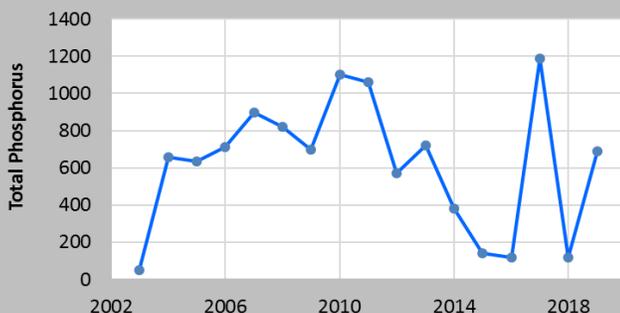
Water Quality Stats (as of 04-09-19)

Maximum Depth: 25.6 feet (dam outlet) Water Temperature: 54.4° F (taken 3 feet below surface)

Water Clarity: 1.9 feet (≥ 3 feet is good) Dissolved Oxygen: 189% (>80% is good)

pH: 9.33 (between 6 and 9 is good) Chlorophyll-a: <150 ppb (How green, ≤ 25 is good)

Milton Reservoir Total Phosphorus in January



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

Spring weather is upon us. Make sure you do your best to remove old leaves and debris from the curb. Spring runoff can send lots of nutrients through the storm sewers eventually ending up in Milton Reservoir.

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

