



Milton Reservoir Water Quality Report



August 13, 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.

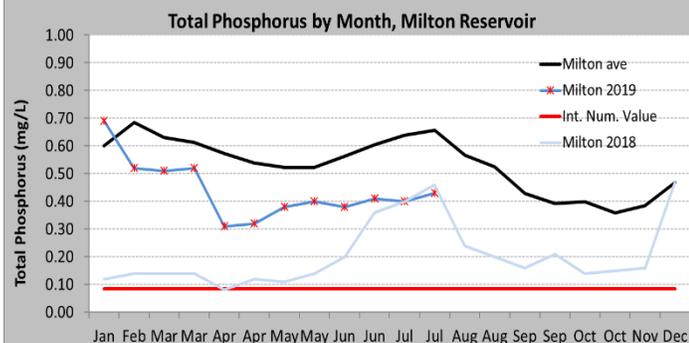
August – Milton is slightly cooler than late July, but algae are on the rise. Total phosphorus has been slowly increasing since early April, but the increase is much less than what it was in 2018. The concentrations for 2019 are below the 17-year average. Reminder, the goal is to have TP below 100 µg/L or 0.1 mg/L during the summer months. The lake has turned over and is the same temperature top to the bottom. This typically occurs when the water depth is near 20 feet at the dam. This movement of water can help keep blue-green algae from taking over. Blue-green algae prefer still water. Milton is also about 4 feet above the normal depth for this time of the year. The big snowpack and wetter spring have kept Milton higher than average.

Water Quality Stats (as of 08-13-19)

Maximum Depth: 22.3 feet (dam outlet) Water Temperature: 75.9^o F (taken 3 feet below surface)

Water Clarity: 2.8 feet (≥ 3 feet is good) Dissolved Oxygen: 94.2% (>80% is good)

pH: 8.98 (between 6 and 9 is good) Chlorophyll-a: <100 ppb (How green, ≤ 25 is good)



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

15th Annual BMW Association BBQ and stakeholder meeting at Barr Lake Nature Center on September 24th. Meeting will start at 9:30am. This is a great time to hear the latest on watershed activities and water quality updates. A free lunch is included. Please contact Amy Conklin if you plan to attend.

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

