



Milton Reservoir Water Quality Report



July 24, 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.

July – Milton is looking great for late July. Water clarity is still over 10 feet with only minor signs of blue-green algae growing. Oxygen and pH indicates that there are no major algal blooms going on below the surface for now. The lake did drop about a foot or two since early July. The water clarity on 7/24/19 was the deepest recording ever recorded for the end of July since regular in-reservoir monitoring started in 2002. The average water clarity for the fourth week of July in Milton is just over 5 feet deep. The end of July and early August is typically when the water is the warmest. Starting in August, the shorter days start cooling off the water.

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

City and County of Denver are close to completing a couple of important storm water projects, City Park Golf Course and the Globeville Landing Outfall. Both projects will help keep nutrients from getting to Barr Lake. Storm water in Denver gets to Barr Lake.

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 07-24-19)

Maximum Depth: 24.6 feet (dam outlet) Water Temperature: 76.7° F (taken 3 feet below surface)

Water Clarity: 11.3 feet (≥ 3 feet is good) Dissolved Oxygen: 89.3% (>80% is good)

pH: 8.39 (between 6 and 9 is good) Chlorophyll-a: <10 ppb (How green, ≤ 25 is good)

