



Milton Reservoir Water Quality Report



July 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.

July – Milton is looking great for early July, especially during the busy Fourth of July week. Water clarity in Milton was just over 14 feet with no signs of an algal bloom. There were streaks of floating duckweed that can be mistakenly identified as blue-green algae, but it is a beneficial plant that doesn't cause any problems. Aquatic plants are growing near shore but seem to not be causing any problems. A quick survey on the east shore indicated only the native, narrow-leaf pondweed. Oxygen is remaining near or below 100% which is another indication that algae are not blooming. The zooplankton are doing a great job at keeping the algae in check. Keep your fingers crossed for a good rest of the July and August. Algae are quick to grow.

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

Lakes Appreciation Month celebration at Barr Lake will be on Saturday, July 13th. Come out and enjoy a morning of volunteer work and then free food and lake side activities.

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 07-09-19)

Maximum Depth: 25.9 feet (dam outlet) Water Temperature: 73.3^o F (taken 3 feet below surface)

Water Clarity: 14.4 feet (≥ 3 feet is good) Dissolved Oxygen: 86.2% (>80% is good)

pH: 8.55 (between 6 and 9 is good) Chlorophyll-a: <5 ppb (How green, ≤ 25 is good)

