



Milton Reservoir Water Quality Report



September 11, 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, lake users, or downstream water users.

September – Since the lake is not dominated by blue-greens, the surface and boat wake are not bright green. September is the last month of the growing season and there is one more sampling event before the season is over. Because of the warmer weather, the water temperature did not change for the past two weeks. It is the same temperature from top to bottom with only slightly warmer surface water during the day. Oxygen and pH are slighter higher indicating an increase in primary productivity. During sampling, an oil and gas operator was preparing to pump reservoir water by installing temporary pipes to the water's edge. Milton is dropping but not at fast as Barr Lake.

Be algae aware. Summer is the time when blue-green algae like to grow. They are the only algae that can float to the surface and form harmful scums. Be algae aware and avoid contact with the scum.



Watershed News

Welcome our new intern, Samantha Mills. Come to a BMW event this fall and say hi to her. The annual BBQ and Stakeholder meeting is happening on September 25th. Come enjoy some good food and hear what the BMW Association has been up to for the past year. This is a great time to learn about watershed activities and water quality conditions in Barr and Milton.

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 09-11-18)

Maximum Depth: 14.8 feet Water Temperature: 70.2° F
(dam outlet) (taken 3 feet below surface)

Water Clarity: 2.0 feet Dissolved Oxygen: 117.4%
(≥ 3 feet is good) (>80% is good)

pH: 8.77 Chlorophyll-a: <40 ppb
(between 6 and 9 is good) (How green, ≤ 25 is good)

Milton Reservoir Temperature Profiles (2018)

