



Milton Reservoir Water Quality Report



August 14, 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.

August – Summer seems to be winding down – shorter days, cooler mornings, and even the cottonwood trees are showing some yellow leaves at Milton. During sampling, there were no scum or debris at the boat ramp. This is an area near the dam where winds typically blow floating organic material to the shore. Water quality is great with no signs of any issues with algal blooms, low oxygen, or high pH. Water clarity is less than Barr Lake because of more algae in Milton, but there are no blue-green algae scums forming. Water level is right at average for this time of year and just a foot lower than a year ago. Colorado Parks and Wildlife is monitoring for invasive quagga mussels and have a monitoring device attached to the dock.

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 summer and say hi to her. The annual BBQ and Stakeholder meeting is coming up in September. 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 08-14-18)

Maximum Depth: 18.0 feet (dam outlet) Water Temperature: 74.3° F (taken 3 feet below surface)

Water Clarity: 2.3 feet (≥ 3 feet is good) Dissolved Oxygen: 89.8% (>80% is good)

pH: 8.87 (between 6 and 9 is good) Chlorophyll-a: <30 ppb (How green, ≤ 25 is good)

Average Depth by Month, Milton Reservoir

