



Milton Reservoir Water Quality Report



May 25, 2016

Water Summary

Milton Reservoir (aka Pelican Lake) 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.

May – While sampling, an isolated thunderstorm rolled over the reservoir. Gusty winds quickly caused white caps on the water. Water column profile for temperature during the storm shows how far down the waves can mix the water column. The temperature was uniform as deep as 13 feet. The chart below also shows how Milton has change in temperature from January to May. The bottom water has gone from 4 °C to about 15 °C. This means that even at full pool, warmer water is capable of mixing with bottom water during windy weather.

Water Quality Stats (as of 05-25-16)

Maximum Depth: 27.2 feet (dam outlet) Water Temperature: 64.2^o F (taken 3 feet below surface)

Water Clarity: 13.8 feet (≥ 3 feet is good) Dissolved Oxygen: 110% (>80% is good)

pH: 8.41 (between 6 and 9 is good) Chlorophyll-a: <5 ppb (How green, ≤ 25 is good)

Don't forget to bring along a bag to pick up after your pet on those nice summer walks. Pet waste can be a source of nutrients and bacteria that can harm water quality.



Pick up after your dog.

Storm drains feed local streams and rivers, which end up in our lakes and reservoirs. So please, pick up after your pet, and help keep bodies of water as places to fish, swim, and enjoy.



Watershed News

BMW Association's annual watershed tour is June 28th. The tour will start at Barr Lake's nature center and include stops at ECCV treatment facility and Milton Reservoir for a lunch BBQ. Kayaking on Lake Christina will also be included. Come and have some fun in the BMW. Contact Amy Conklin to register.

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



Milton Reservoir Temperature Profiles (2016)

