



Milton Reservoir Water Quality Report



June 6, 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.

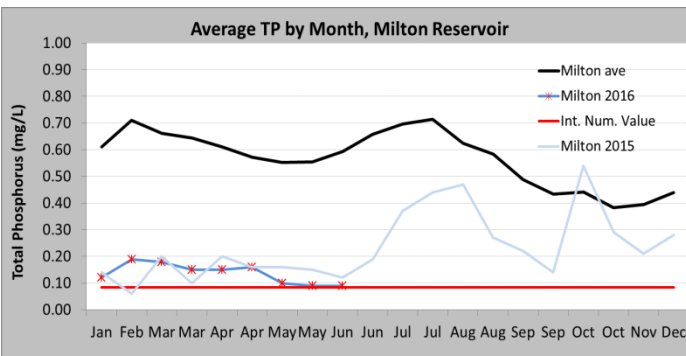
June – Milton has been full since January after being almost completely drained in October of 2015. Phosphorus has been at or below the goal of 0.10 mg/L since early May. From the graph, this is a major change from the average phosphorus levels. Internal loading from low oxygen and/or external loading from the canals may increase phosphorus later in the summer and fall. For now, Milton continues to have great clarity, plenty of oxygen, and pH below 9.0. With clarity comes more plant growth. At the boat ramp, plenty of plants collect and grow causing an issue with loading a boat onto a trailer. No hitchhikers!

Water Quality Stats (as of 06-22-16)

Maximum Depth: 24.6 feet (dam outlet) Water Temperature: 74.90° F (taken 3 feet below surface)

Water Clarity: 9.5 feet (≥ 3 feet is good) Dissolved Oxygen: 121% (>80% is good)

pH: 8.59 (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.

Slowly drain food bowls and toys, which end up in our lakes and streams. So please, pick up after your pets, and help keep bodies of water on 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

