



Milton Reservoir Water Quality Report



July 26, 2017

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.

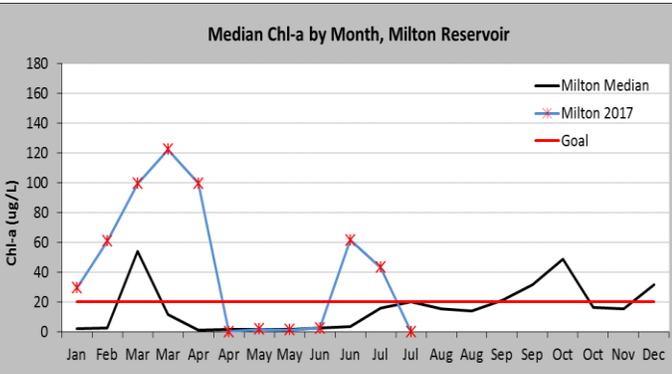
July – Milton experienced two extremes in July. In the first couple of weeks, Milton’s blue-green algae blooms were intense but short lived. During the last week of the month, Milton had great water clarity, a lower pH, and much lower oxygen levels. There was 8 feet of clarity in the open water which is unusual for the hottest time of the year. There are still two more months in the algae growing season. Similar to Barr Lake, Milton’s water level is going down and is close to average for this time of year. Milton is the same temperature top to bottom so the lake is fully mixing. This helps with keeping oxygen in the bottom water so that phosphorus stays in the sediments.

Water Quality Stats (as of 07-26-17)

Maximum Depth: 21.3 feet (dam outlet) Water Temperature: 75.7° F (taken 3 feet below surface)

Water Clarity: 8.0 feet (≥ 3 feet is good) Dissolved Oxygen: 85% (>80% is good)

pH: 9.15 (between 6 and 9 is good) Chlorophyll-a: <5 ppb (How green, ≤ 25 is good)



That time of year when people fertilize their yards. In some states, it is the law to sweep any fertilizer that gets on your sidewalk or driveway. Do your best to keep fertilizer from getting to Milton.



Watershed News

July is National Lake Appreciation Month. It is a great time to give back to Milton Reservoir. Spend a few minutes cleaning up the shoreline or making sure there are no impacts to water quality caused by erosion near the shoreline. The water summer season is here, be algae aware and avoid contact with algae scums.

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

