



# Milton Reservoir Water Quality Report



June 28, 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.

*June* – Milton Reservoir is experiencing a blue-green algae bloom (aphanizomenon). Water is still fairly clear with large clumps of algae floating. There was no surface scum on the water except at the west boat ramp. Other plants are also growing, duckweed, filamentous green algae, and pondweed near the shoreline. This is definitely the growing season for Milton. The water level was slightly down compared to June 13<sup>th</sup>. The lake is thermally stratified slightly – top water down to about 5 meters is warmer/lighter than the cooler/heavier water between 5 meters and 8 meters. No blue-green algae were growing below 5 meters.

*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](http://www.barr-milton.org).

Contact Amy Conklin, watershed coordinator, at [amy.conklin@comcast.net](mailto:amy.conklin@comcast.net) or 303-795-5925.

*Cooperation, Involvement, and Awareness*



## Water Quality Stats (as of 06-28-17)

Maximum Depth: 25.3 feet (dam outlet)      Water Temperature: 74.4° F (taken 3 feet below surface)

Water Clarity: 3.8 feet (≥ 3 feet is good)      Dissolved Oxygen: 213% (>80% is good)

pH: 9.04 (between 6 and 9 is good)      Chlorophyll-a: <50 ppb (How green, ≤ 25 is good)

