



# Milton Reservoir Water Quality Report



March 13, 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.

*March* – Milton is about 3 feet from being full. The west boat ramp has been cleaned of the remnants from an old beaver dam. For the second year in a row, eagles are occupying a nest just to the west of the boat ramp, on the Platte Valley Canal inlet. Cool-water diatoms are growing causing low visibility, higher oxygen, and higher pH. Similar to Barr Lake, Milton's water temperature is not too far from the average even though there has been unseasonably warm weather. Milton will now be monitored twice a month until the end of October.

*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

*The next stakeholder meeting will be March 28. Roy Wardell, long time rancher near Milton, will talk about the local history, and Caroline Powell will show off a new app for helping manage storm drains in the watershed. Meeting is in the new nature center at Barr.*

## 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 03-13-17)

Maximum Depth: 24.6 feet (dam outlet)      Water Temperature: 42.2° F (taken 3 feet below surface)

Water Clarity: 2.2 feet (≥ 3 feet is good)      Dissolved Oxygen: 122% (>80% is good)

pH: 9.19 (between 6 and 9 is good)      Chlorophyll-a: <40 ppb (How green, ≤ 25 is good)

