



# Milton Reservoir Water Quality Report



December 13, 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.

*December* – Milton just started refilling after being drawn down for the past three months. There is open water by the Platte Valley Canal inlet but there was four inches of ice by the dam. The water column was well mixed with warmer water coming in from the canal. The pH for Milton all year has been below the upper standard of 9.0. Oxygen was slightly below 100% but the incoming water will hopefully increase the oxygen for the winter. For 2016, Milton was filled with S. Platte water because of the drawdown in the fall of 2015. 2017 will be the same with the addition of the new Northern Treatment Plant.

*Just like fertilizers, it is best to keep salt out of our lakes and streams. If you do use salt, please use it sparingly and even consider sweeping it up before the snow melts.*



## Watershed News

*To avoid dumping holiday trash around the watershed, make sure you take advantage of local Christmas tree recycling programs or use your tree for composting, mulch, or firewood. Please do not dump your tree along the roadside. Most trash eventually finds its way into Barr Lake and other water ways in the watershed.*

## 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 12-13-16)

Maximum Depth: 14.8 feet (dam outlet)      Water Temperature: 39.2° F (taken 3 feet below surface)

Water Clarity: 1.4 feet (≥ 3 feet is good)      Dissolved Oxygen: 86% (>80% is good)

pH: 8.11 (between 6 and 9 is good)      Chlorophyll-a: >20 ppb (How green, ≤ 25 is good)

