



# Milton Reservoir Water Quality Report



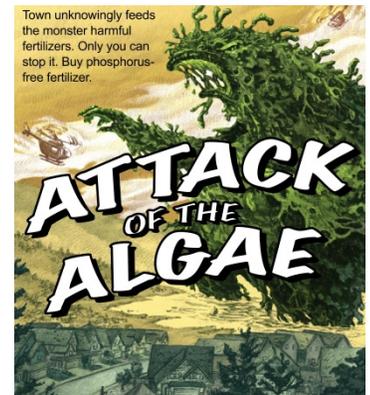
November 8, 2016

## 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.

*November* – Milton is only four feet deep and is as low as it can go – the top of the outlet structure is exposed. Construction is occurring on the east shore of the lake during the drawdown. No water is coming in or going out as of now. One benefit of the drawdown is the removal of most of the carp. Approximately 1,000 carp were seen just downstream of the outlet. Oxygen is still doing well in the reservoir mainly due to algal growth. Clarity is only 8 inches due to turbidity from the sediment. If no flows come in for November, then it will be interesting to see if lake elevation changes due to groundwater inputs.

*Fertilizers, pet waste, dirt on the road, and leaky cars can send nutrients and other chemicals to the lake. Do your best to keep them out of the water and keep the algae monster under control.*



## Watershed News

*Drought conditions have persisted for the past four months. Most of the snowpack monitoring stations in the S. Platte basin are 0 to 29% of snowpack. October 2016 was the 4<sup>th</sup> warmest on record, and it was the third October in a row with no snow (first time ever for this to happen).*

## 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 11-08-16)

Maximum Depth: 4.0 feet (dam outlet)	Water Temperature: 49.5 <sup>o</sup> F (taken 3 feet below surface)
Water Clarity: 0.7 feet (≥ 3 feet is good)	Dissolved Oxygen: 90% (>80% is good)
pH: 8.40 (between 6 and 9 is good)	Chlorophyll-a: >25 ppb (How green, ≤ 25 is good)

