



# Milton Reservoir Water Quality Report



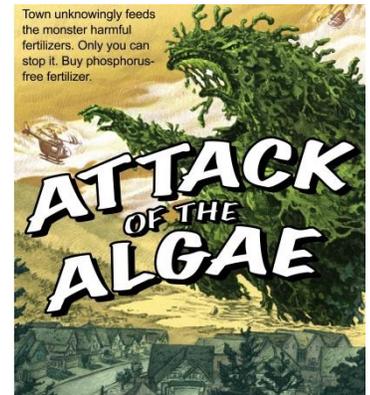
September 28, 2016

## 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.

*September* – This concludes the last sampling of the 2016 summer/growing season for Milton. The main focus to understand water quality in Milton occurs between July and September. This is the time when the water quality standards apply. Sampling still happens between October and June in order to understand how the lake behaves all year long. Milton is shallow at only 10 feet at the dam. Shallow water can definitely play a role in how the water quality looks. There is also a huge population of waterfowl and shorebirds that are using Milton as a resting place.

*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

*If you are traveling through DIA, stop and check out the BMW display about watersheds, Lake Appreciation Month, and Colorado State Parks. You can even win a park pass if you take a selfie with it. The display is at the southern end of baggage claim on the east side.*

## 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 09-28-16)

Maximum Depth: 9.8 feet (dam outlet)      Water Temperature: 63° F (taken 3 feet below surface)

Water Clarity: 1.3 feet (≥ 3 feet is good)      Dissolved Oxygen: 136% (>80% is good)

pH: 8.99 (between 6 and 9 is good)      Chlorophyll-a: >25 ppb (How green, ≤ 25 is good)

