



Milton Reservoir Water Quality Report



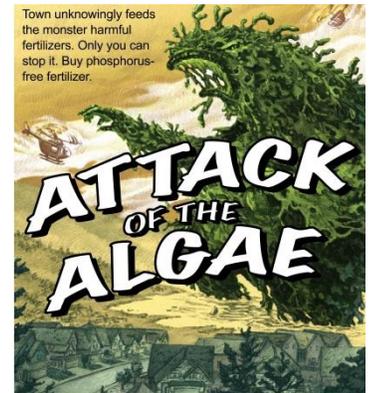
October 24, 2016

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.

October – Milton is 4.6 feet deep at the dam. The waterfowl community is dominated by white pelicans. With Milton so low, it makes it a challenge to sample the water and to get comparable data. It seems that once Milton is less than 8 feet deep, water quality can be easily influenced by the weather, wildlife, and sediments. Blue-green algae have dominated the algae community this year but diatom and green algae volumes have increased compared to previous years. A shorter season of blue-green algae and less intense blooms when they do dominate are two good things when it comes to lake health.

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

The Northern Treatment Plant, owned and operated by Metro Wastewater Reclamation District, is up and running as of October 3rd. The new, state-of-the-art plant is located at Hwy 85 and 168th. Phosphorus is being treated at this new plant, upstream of Milton.

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.

Contact Amy Conklin, watershed coordinator, at amy.conklin@comcast.net or 303-795-5925.

Cooperation, Involvement, and Awareness



Water Quality Stats (as of 10-24-16)

Maximum Depth: 4.6 feet (dam outlet) Water Temperature: 50.7° F (taken 3 feet below surface)

Water Clarity: 1.0 feet (≥ 3 feet is good) Dissolved Oxygen: 110% (>80% is good)

pH: 8.93 (between 6 and 9 is good) Chlorophyll-a: >30 ppb (How green, ≤ 25 is good)

