



Milton Reservoir Water Quality Report



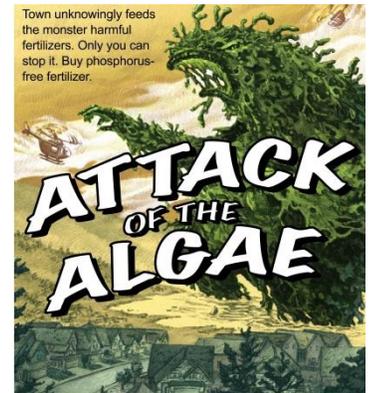
October 11, 2016

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 close to being fully drained. When the water depth is this shallow, it is hard to get comparable data. Exposure to the sediments and a large population of waterfowl can strongly influence the water quality. Water temperature is not impacted by the shallow water, and the algae do a great job of keeping the water oxygenated. Nutrients, water clarity, and algal growth seem to be impacted the most. Similar to last year, there is construction going on near the reservoir that might be related to the drawdown.

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

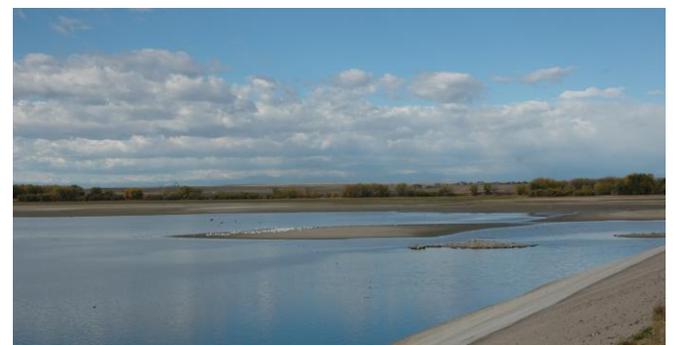
BARR LAKE AND MILTON RESERVOIR ASSOCIATION

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 10-11-16)

Maximum Depth: 8.2 feet (dam outlet) Water Temperature: 58.8° F (taken 3 feet below surface)

Water Clarity: 1.1 feet (≥ 3 feet is good) Dissolved Oxygen: 119% (>80% is good)

pH: 9.00 (between 6 and 9 is good) Chlorophyll-a: >30 ppb (How green, ≤ 25 is good)

Average Depth by Month, Milton Reservoir

