



Barr Lake Water Quality Report



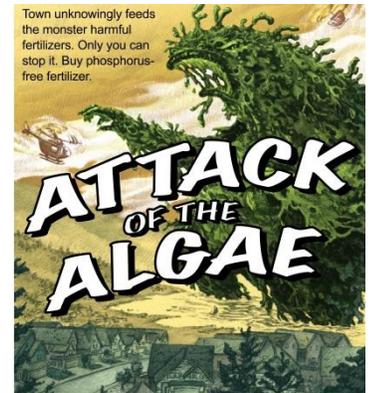
October 24, 2016

Water Summary

Barr 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 Barr Lake. 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 – This is the last of the bi-monthly monitoring. Starting in November, sampling will change to monthly. What stands out differently this fall is that the dominate algae are diatoms, not blue green algae like in the past. September data shows diatoms at 76% volume. Historically, September/October has been dominated by a late season blue-green algae bloom. Water clarity is shallow because of the diatoms, but there are no surface scums to deal with. A shorter season of blue-green algae and less intense blooms when they do dominate are two good things when it comes to Barr 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

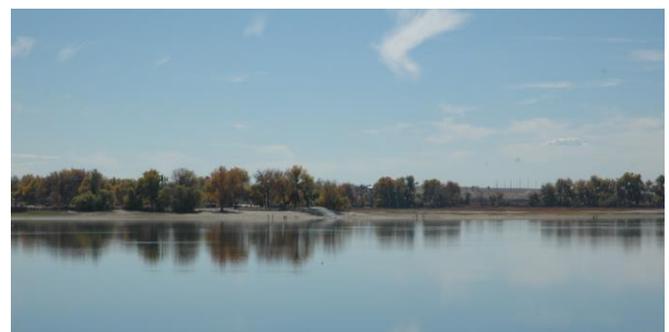
BARR LAKE AND MILTON RESERVOIR ASSOCIATION

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.

You can learn more about the lake 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: 21.3 feet (between dam outlets) Water Temperature: 54 ° F (taken 3 feet below surface)

Water Clarity: 1.5 feet (≥ 3 feet is good) Dissolved Oxygen: 109 % (>80% is good)

pH: 8.92 (between 6 and 9 is good) Chlorophyll-a: >30 ppb (How green, ≤ 25 is good)

