



Milton Reservoir Water Quality Report



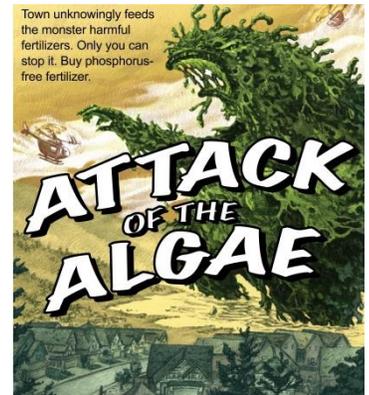
July 12, 2016

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.

July – Milton has dropped by about 3 feet in the past two weeks. Blue-green algae are starting to grow. Filamentous algae is actively growing along the shoreline by the boat ramp. This is the same algae that City Park in Denver is having trouble with. pH is still below 9.0 even though it is peak growing season. Milton fully mixes top to bottom when it gets below 7 meters in depth. Destratification can help control algal blooms by forcing them into darker, deeper water. Wind and summer thunderstorms can alter water quality when it comes to algal blooms that like to stay in calm, surface water.

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

July is National Lakes Appreciation Month. This is a time to celebrate and give back to our lakes and reservoirs that we enjoy and rely on so much. Barr Lake will be having Lake Appreciation Day on July 16. Volunteers will help with projects around the park, have a free lunch, and then enjoy free activities on the water.

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 07-12-16)

Maximum Depth: 21.3 feet (dam outlet) Water Temperature: 75.5° F (taken 3 feet below surface)

Water Clarity: 3.9 feet (≥ 3 feet is good) Dissolved Oxygen: 139% (>80% is good)

pH: 8.86 (between 6 and 9 is good) Chlorophyll-a: <25 ppb (How green, ≤ 25 is good)

