



Barr Lake Water Quality Report



March 27, 2019

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.

March – Barr Lake is finally ice free and warming up. As the days get longer and warmer, the entire water column is slowly warming up. The surface of the lake warms up during the day and then mixes during storms and at night. Deeper bodies of water tend to keep the water near 4 C at the bottom. Barr Lake at the 10-meter (33-foot) depth has increased to almost 6 C. By the end of June, Barr Lake bottom water is typically around 16 – 18 C. The temperature regime for Barr Lake determines what, when, and where the algae grow. Right now, Barr Lake is growing diatoms, and they are distributed top to the bottom because of the mixing.

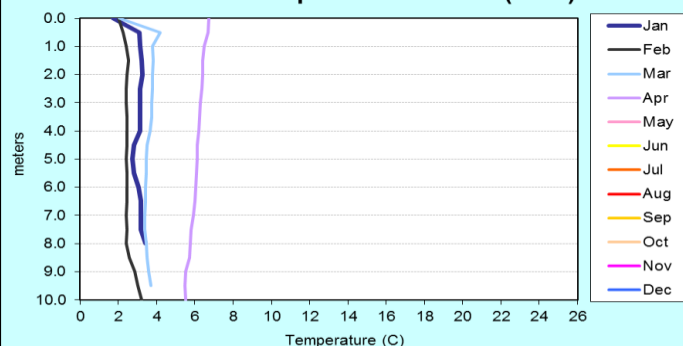
Water Quality Stats (as of 03-27-19)

Maximum Depth: 32.8 feet (between dam outlets) Water Temperature: 43.6° F (taken 3 feet below surface)

Water Clarity: 2.3 feet (≥ 3 feet is good) Dissolved Oxygen: 144.0% (>80% is good)

pH: 8.96 (between 6 and 9 is good) Chlorophyll-a: <100 ppb (How green, ≤ 25 is good)

Barr Lake Temperature Profiles (2019)



Runoff from snow and thunder storms this spring creates lots of flow from our streets, parking lots, and driveways. Do your part by keeping the drains clear of trash and debris



Watershed News

Spring weather is upon us. Make sure you do your best to remove old leaves and debris from the curb. Spring runoff can send lots of nutrients through the storm sewers eventually ending up in Barr Lake.

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

