

Water Testing 2008

During the summer of 2008, Barkmere continued the monitoring of the lake and its streams.

At the beginning of August, Biofilia took water samples in 7 streams that feed Bark Lake. These samples were tested for 4 criterion that are indicators of deteriorating water quality: temperature, PH, conductivity and phosphorus.

Results showed that there was no problem with conductivity and Ph was within or very close to the norm.

Two streams had temperatures higher than the other five. These two were

- Stream #2 at the base of Miller Bay where the water comes from Lac au Brochet and
- Stream #4 at the base of Reeves Bay where the water comes from Trout Lake;

The water from both of the streams comes from large bodies of water situated close to Bark Lake where the water has time to heat up.

Two other streams had elevated phosphorus. These two were

- Stream #3 at the base of Green Bay and
- Stream #7 in Cope Bay near the eastern end of Duncan Road;

Beaver dams and a very high July rainfall (172.2mm in July 2008 compared to 71mm in July 2007) are possible reasons for the elevated results.

While the results were not a cause for alarm, it is recommended by Biofilia that these streams in question be monitored closely. Biofilia also recommends more extensive testing of the two that showed high phosphorus to determine the source of it.

You will find the detailed results and a test site map on our Website www.barkmere.org