

The Golden Lake Owners Association - lake health partial results.

19TH OF SEPTEMBRE 2018

Three series of samplings were performed in front of each of the five ranges of the APLD for bacteriological analyzes (e coli).

All results are less than 20 e-coli / 100 ml, which is excellent (see table in appendix). The transparency of the lake was measured nine times and we found good results.

13 june : 6,3 mètres

10 july : 10,0 m.

17 july: 9,2 m.

3 August : 4,3 m.

15 August : 6,4 m.

20 août : 5,7 m.

4 sept. : 7,6 m.

19 sept. : 7,9 m.

7 oct. : 6,8 m.

The decrease of transparency of August 3 (4.3 meters) corresponds to a visible but weak presence of cyanobacteria

To date, there have been four reports of floating material, all located in the southern sector of the lake (between St-Michel and St. Lucie Streets), July 30 and 31, August 11 and August 19. According to the observer, the reports for July 30 and 31 would probably be related to cyanobacteria (greenish moss and boiled corn smells) while the other reports (August 11 and 19) were associated with whitish streaks, with no characteristic odor. In all cases, the concentrations of floating materials were not very important and disappeared around 10:00/10:30 hrs.

The temperature on the surface of the lake (1 meter) rose to 26oC (78oF) this summer.

The phosphorus analyzes are carried out by the RSVL (Ministry of the Environment) and will be available in March-April 2019.

Taking into account the data of the 2017 RSVL, the CRE Laurentides master plan carried out in 2017 and our results of 2018, we can say that Lac Doré is in good health and the quality of the water is excellent.

Roger Tessier

Vice-président Environnement et Écologie de l'APLD

9 octobre 2018