

Hello,

Here are the latest developments regarding the presence of blue-green algae reported in our lake in the past few days.

On the morning of July 10th, a resident of Lac Doré informed the association of the probable presence of cyanobacteria in the southern sector of the lake.

The environmental manager (Roger Tessier) went there at 9:00 am to find that all the blue-green algae had disappeared from the surface in this portion of the lake.

Other observers have told us that the same morning the surface of the lake was like a mirror, allowing these types of organisms to rise to the surface and stay there.

One of our members observed this phenomenon and saw a strip of algae about 15 meters in length around Ste-Agathe Beach. Other members circled the whole lake in the afternoon and found no floating material and no suspicious odors.

The next day, July 11, paddleboarders also did a full tour in the afternoon of the lake and saw nothing special.

On July 12th around 7:00 a.m. a local resident observed and photographed an algal bloom that seems to be caused by cyanobacteria. Mr. Tessier went there around 9:00 am but all the algae had still disappeared due to the light wind that had risen and was agitating the lake. This observer informed us that the spread of the organisms was about 750 square meters. The lake having an area of 85,000 square meters the algae therefore covered 1.3% of the surface of the lake at this time. A nearby resident is said to have taken a sample and is expected to send it to the Ministry of the Environment. We have also sent a report of this episode to this ministry.

These appearances of algae (probably blue-green) have been recurrent for ten years, although the lake water is of excellent quality in terms of phosphorus and transparency. One of the problems would be the high temperature (around 25 degrees C).

The recommendation is to avoid swimming when it is possible to see the colonies of cyanobacteria (algal bloom). At these concentrations there can be a risk of toxicity.

It is strongly suggested to consult the documents of the Ministry of the environment which accompany this document and are also accessible on the associations website.

Roger Tessier

Vice-president Environment

Association des propriétaires du lac Doré