

Lac (Lake) Bromont, Quebec, Canada

Application date: October/November 2017

Summary

Aim: To significantly improve the water quality and the ecological condition of the lake.

Description: Natural Lake

Size (ha): 45

Max. depth (m): 7.2

Average depth (m): 4

The Lake



Figure 1. Aerial view of Lac Bromont, Quebec, Canada (Google Earth Pro)

Lac (Lake) Bromont (Figure 1) is a 45 ha lake located about 85km to the east of Montreal. The lake is a popular recreational destination for both Bromont residents and visitors from surrounding areas. In recent years, the lake has experienced a decline in water quality and the Lake Stakeholders Association and the Town of Bromont (la Ville de Bromont) were keen to undertake measures to improve the water quality and the ecological condition of the lake.

The Treatment

174 tonnes of Phoslock were applied to Lac Bromont at the end of October/ early November 2017 (Figure 2). This was undertaken to bind the soluble phosphorus in the lake. At the time of this publication water samples had been taken. The lake will be monitored for several years after the application. The application generated considerable media interest and resulted in coverage on national Canadian TV and several newspapers.

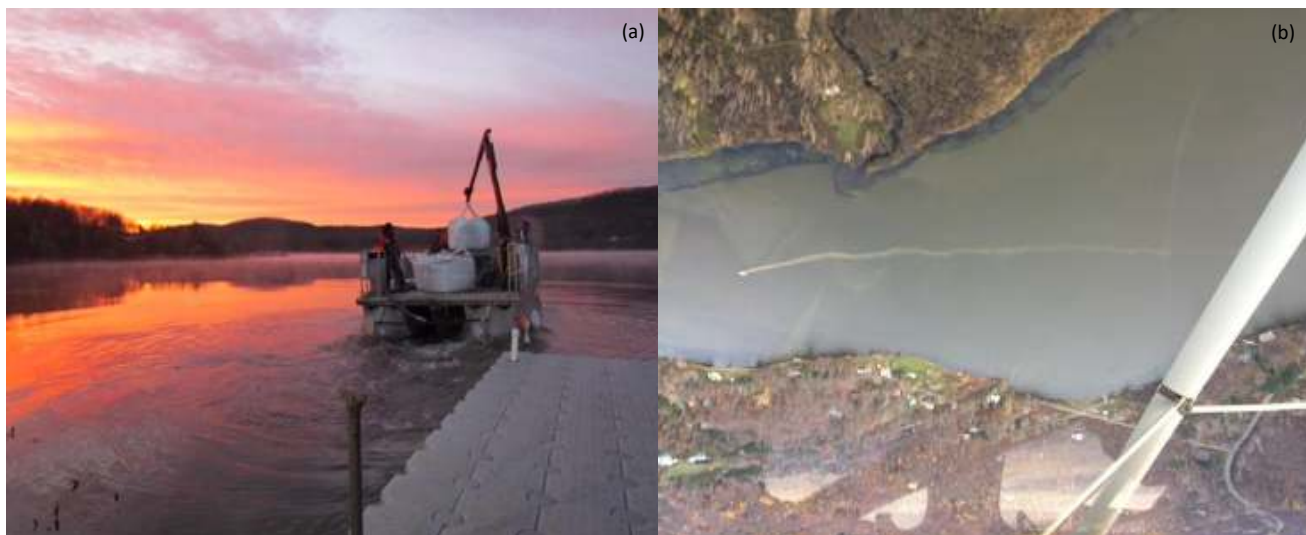


Figure 2. Photos from Lac Bromont during the application of Phoslock. Sunrise at Lac Bromont ((a) photo taken by Helene Oligny-Hebert) and (b) aerial photo of the Phoslock application to Lac Bromont (photo taken by Richard Cauchon).

Conclusion

At the time of this publication, water samples had only just been taken. Results and conclusions will be updated when results become available.

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Additional information can be found on our website or by emailing info@phoslock.eu