



Corporation of the Municipality of Temagami

Memo No.
2024-M-092

Memorandum to Council

Subject: ECA Amendment for BIOFIXE Modules

Agenda Date: May 9, 2024

Attachments:

RECOMMENDATION

BE IT RESOLVED THAT the Corporation of the Municipality of Temagami hereby receives Memo 2024-M-092;

AND FURTHER THAT Council approves the proposed amendment to the ECA to include the BIOFIXE Modules and request that OCWA commence the process.

INFORMATION

I am writing to provide an update and recommendations regarding the amendment of our Environmental Compliance Approval (ECA) through the Ministry of Environment, Conservation and Parks (MECP) for the Temagami North Lagoon, particularly in relation to the continued use of the BIOFIXE modules installed as part of a pilot project.

In July of 2022, the Ontario Clean Water Agency (OCWA) and ECOFIXE Technologies undertook a project to enhance the capacity of the Temagami North Lagoon. This initiative involved the purchase and installation of three BIOFIXE modules and a new 7.5 HP Blower, funded through the Innovative Solutions Canada program. The project aimed to reduce levels of contaminants, ammonia, and indicator bacteria in the lagoon and effluent, thereby improving environmental compliance.

The project was implemented as a pilot, given the relatively new nature of the technology at the time. The pilot project was scheduled to conclude on December 31, 2024. Recently, representatives from OCWA and ECOFIXE presented to Council on April 25, 2024, providing an overview of the project, its outcomes, and the estimated annual costs associated with its continuation, approximately \$8,000.

To continue utilizing the BIOFIXE modules beyond the pilot project term, it is necessary to amend the ECA through the MECP. OCWA has generously offered to support the Municipality in this process, including the preparation of the ECA application form, project description report (PDR), executive summary, site map, and collection of required ECOFIXE drawings, as well as revising site plan drawings.

After review, staff recommends that Council approve the request to allow OCWA to proceed with the necessary steps to amend the ECA for the continued use of the BIOFIXE modules at the Temagami North Lagoon. This recommendation is based on the demonstrated success of the pilot project, the anticipated environmental benefits, and the support provided by OCWA in facilitating the amendment process.

The proposed amendment of the ECA represents a positive step towards maintaining and enhancing environmental compliance at the Temagami North Lagoon.

Respectfully Submitted
Sabrina Pandolfo