



Township of South Frontenac
Lake Ecosystem Advisory Committee
Meeting Agenda



TIME: 6:00 PM,
DATE: Thursday, September 28, 2023
PLACE: Council Chambers/Virtual Via Zoom .

1. Call to Order
 - a) Resolution
2. Approval of the Agenda
 - a) Resolution
3. Conformation of Minutes
 - a) Resolution 2 - 4
4. Disclosure of Pecuniary Interest
5. Delegations
6. Briefings
7. Business
 - a) Lake Ecosystem Grant Sub Committee Report on Grant Applications 5 - 6
 - b) Lake Ecosystem Subcommittee Lake Forum Update 7
 - c) Committee Duties and Functions - Staff Report 8 - 9
8. Motions
9. Notices of Motion
10. Correspondence
11. Questions of Clarity (from the public on outcome of agenda items)
12. Date of Next Meeting
 - a) The Date of the next Lake Ecosystem Advisory Committee is December 7, 2023
13. Adjournment
 - a) Resolution

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**Township of South Frontenac
Lake Ecosystem Advisory Committee
Meeting Minutes**



Meeting # 02

Time: 6:00 PM

Location: Council Chambers

Present: Councillor Steve Pegrum, Councillor Randy Ruttan, Alan Reville, Janet Brown, Justin Connidis, Joseph Buckley, Terry Mauer, Timm Upton, Ellie Prepas, Gerrit Buitenhuis, Holly Evans.

Staff: Christine Woods, Senior Planner

1. Call to Order

a) Resolution

Resolution No. 02

Moved by Joseph Buckley

Seconded by Randy Ruttan

That the June 22, 2023 meeting be called to order at 6:05 p.m.

Carried

2. Adoption of Agenda

a) Resolution

Resolution No. 02

Moved by Steve Pegrum

Seconded by Gerrit Buitenhuis

That the June 22, 2023 Agenda be adopted.

Carried

3. Confirmation of Minutes

a) That the minutes of the October 26, 2022 and March 23, 2023 Committee meeting be approved.

Resolution No. 03

Moved by Ellie Prepas

Seconded by Joseph Buckley

That the minutes of the October 26, 2022 and March 23, 2023 meeting be approved as presented.

Carried

4. Declaration of pecuniary interest and the general nature thereof

5. Delegations

6. Briefings

7. Business

- a) South Frontenac Official Plan - Lake Ecosystem Advisory Committee Consultation

Ms. Woods provided the Committee with a summary of the Report.

Ms. Wood spoke to the Committee regarding the proposed Community Planning Permit System.

Mr. Revill noted that he was generally impressed with the draft Official Plan.

Mr. Revill advised the Committee that the purpose of the meeting was to provide input on the draft Official Plan through the lens of the Lake Ecosystem Advisory Committee.

In response to a question from Ms. Prepas, Ms. Woods indicated that the natural shoreline policies in the proposed Official Plan are similar to the policies in the existing Official Plan. She noted that vegetation could be further regulated through a community planning permit system or a shoreline protection by-law.

In response to a comment from Mr. Buckley, Ms. Woods provided clarification regarding additional dwelling units in relation to waterfront properties. In response to a question from Mr. Buckley, Ms. Woods advised the Committee that the three conservation authorities serving the Township of South Frontenac are responsible for floodplain mapping and spoke further for the role of the mapping.

In response to a question from Mr. Buckley, Ms. Woods confirmed that the draft Official Plan includes language regarding prohibiting floating structures. She indicated that this situation can also be regulated through the Zoning By-law. Mayor Vandewal noted that Council recently approved a resolution regarding this matter.

Mr. Connidis sought further information regarding communal services. Ms. Woods provided further explanation regarding communal services. She indicated that she would investigate whether a group of cottages could pursue communal services.

Mr. Revill spoke to the importance of tree preservation and site alteration. Ms. Woods stated that staff are currently contemplating the implementation of a tree preservation by-law and site alteration by-law.

In response to comments from Mr. Revill, Ms. Woods indicated that she would follow up regarding policies related to protections regarding evasive species and runoff, whether short-term rental accommodations are considered a commercial use in the Official Plan and the Frontenac Arch Biosphere.

In response to a question from Mr. Revill, Ms. Woods spoke to the site plan control policy in relation to Bill 23.

Mr. Revill questioned the need for a septic reinspection program. In response to questions from Mr. Mauer, Ms. Woods provided further explanation regarding the community planning permit systems and provincially significant wetlands.

- b) Ms. Woods provided the Committee with an update regarding the Lake Ecosystem Grant Program.

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Ms. Prepas questioned if staff have received final reports from previous grant recipients. Ms. Woods responded that staff have received one final report and indicated that funding is not provided until the final report is received.

Mayor Vandewal noted that Council received a report regarding lead removal from Wolfe Lake.

8. Motions

9. Notices of Motion

10. Correspondence

11. Questions of Clarity (from the public on outcome of agenda items)

- a) Councillor Ruttan sought an update regarding the lake forum. Mr. Revill indicated that the sub-committee will meet during the week June 26, 2023. He spoke to the importance of the Township of South Frontenac and lake associations sharing information. Councillor Ruttan noted the importance of improved communication.

Ms. Evans provided the Committee with an update regarding invasive species and indicated that she would provide the Committee with a report regarding this matter.

12. Next Meeting:

- a) The next meeting of the Lake Ecosystem Advisory Committee is scheduled for September 28, 2023 at 6:00 p.m.

13. Adjournment:

- a) That the June 22, 2023, Lake Ecosystem Advisory Committee be adjourned.

Resolution No. 04

Moved by Joseph Buckley

Seconded by Terry Mauer

That the June 22, 2023 Committee meeting be adjourned at 7:19 p.m.

Carried

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REPORT TO LAKE ECOSYSTEM ADVISORY COMMITTEE

From: Ellie Prepas, Janet Brown, Justin Connidis
Lake Ecosystem Grant Subcommittee

Date: September 28, 2023

Subject: Lake Ecosystem Grant Applications

Background

The Township received four applications for Lake Ecosystem Grants before the August 4, 2023 deadline. The Lake Ecosystem Grant Subcommittee reviewed the applications against the approved evaluation criteria, and based on their merits, recommend that the Devil Lake Association and Frontenac Arch Biosphere Network projects be fully funded, and the Fourteen Island and Mink Lakes Watershed Association project partially funded, based on the amount of money allocated in the 2023 budget.

Project Summaries

Devil Lake Association

This is a project in collaboration with the Queen's University Biology Department, under the leadership of Dr. Shelley Arnott. Surveys of the littoral area (shoreline) of the lake will be done to estimate the amount of coarse woody habitat, macrophyte density and the presence of invasive plants and mollusks. Assessment of salinization will also be done. The survey will be done in July and August by Dr Arnott and two undergraduate students. The results of the survey will be used by the lake association to identify shoreline areas that should be restored and monitored in the future.

The amount requested for the project is \$9,939.90.

The recommended grant value is \$9,939.90.

Frontenac Arch Biosphere Network

This is a project to produce educational events and communication materials to promote citizen science and tangible community action about harmful blue green algae blooms. It will provide education, training, resources and supports for local residents of Dog and Cranberry Lakes to learn about harmful blue green algae blooms, and to track and report blue green algae blooms. Data will be collected to help determine the best approaches to prevention and remediation of blue green algae blooms. The project hopes to engage students and residents to become invested in protecting the lakes through three events and two workshops.

The amount requested for the project is \$10,000.00.

The recommended grant value is \$10,000.

Fourteen Island and Mink Lakes Watershed Association.

This request is part of a project to complete structural repairs on the Fourteen Island Lake dam before it fails. The Scoped Dam Safety Assessment has been completed and this request is for the detailed design of the dam. Should the dam fail, Fourteen Island Lake, Mink Lake, Spring Lake and Verona Lake would be affected as well as a culvert going under Hinchinbrooke Road.

The amount requested for the project is \$15,000.00.

The grant program is designed to fund projects up to \$10,000. There are insufficient funds in the budget to fully fund this property. Therefore, the recommended grant value is \$10,060.10.

REPORT TO LAKE ECOSYSTEM ADVISORY COMMITTEE

From: Gerrit Buitenhuis, Steve Pegrum, Ellie Prepas, Allan Revill
Lake Forum Subcommittee

Date: September 28, 2023

Subject: 2023 Lake Forum Update

Background

The Lake Forum Subcommittee hosted a Lake Forum this summer. The event was advertised through the Township's social media and website. The event was held on Wednesday, July 26th at the Sydenham Library. There were 52 people in attendance, representing several lake associations. People from outside the Township also attended.

Troy Martin, a second year Master of Science Student from Queen's University, shared his research with the attendees. He also presented the results of a study on the effects of road salt runoff on South Frontenac lake ecosystems. This study was supported through a Lake Ecosystem Grant.

Christine Woods, Senior Planner with the Township, spoke about the Township's new draft Official Plan and how it supports lake health.

There was an open discussion on topics of interest to the group.

Attendee Feedback

The following feedback was provided on the event and for future events.

- Use a larger room with a good sound system
- Declining quality of life on lakes and fish stocks
- How to handle heavy boat traffic since every year boats seem to get bigger, faster and noisier, destroying docks, churning up weeds, and harassing wildlife
- Best practices
- Who to go to for various concerns
- Address climate change issues on lakes
- Presentation by Conservation Authorities
- More research presentations and updates on LEAC initiatives
- Septic re-inspection programs

Township of South Frontenac Staff Report



To: Lake Ecosystem Advisory Committee
Prepared by: Development Services Department
Date of Meeting: September 28, 2023
Subject: **Committee Duties and Functions**

Summary

This report provides the Lake Ecosystem Advisory Committee with information about its duties and functions to start a discussion about what the Committee would like to focus its efforts on over its term.

Background

The Lake Ecosystem Advisory Committee is governed by a Terms of Reference. The Terms of Reference outlines the mandate and the specific duties and functions of the Committee.

The Committee's mandate is to support the health and welfare of the Township's lake ecosystems and the enjoyment and use of those lakes by residents, visitors and future generations through specific duties and functions outlined within the terms of reference and other items that may be specifically referred to the Committee by Township Council from time to time.

The Committee's duties and functions are:

1. Host an annual lake association forum,
2. Compile and provide a submission relating to the next year's budget and strategic plan implementation activities,
3. Develop a lake ecosystem grant program,
4. Coordinate collection of feedback from lake associations and other lakeshore owners and residents to fulfill the duties and functions,
5. Provide periodic advice or recommendations to the Township on items referred to it by staff or Council,
6. Foster meaningful, respectful and productive working relationships between lake associations, their members, other lakeshore residents, and Council and staff, and
7. Conduct research, analyse information, participate in outreach activities and undertake other tasks related to the mandate.

Discussion

The Lake Ecosystem Advisory Committee should discuss what they would like to focus their efforts on over its term.

In terms of the specific duties and functions, the Committee developed a lake ecosystem grant program and have made reviewed and recommended grants for nine projects to date. The Committee also hosted its first lake association forum in July 2023.

On October 26, 2022, the Committee discussed proposing a budget line item to cover expenses related to a future lake association forum. Members suggested that funds would be required for items such as hall rental, refreshments, and handouts. However, a formal request was not made at that time. For reference, the 2023 lake association forum expenses were approximately \$175. It is recommended that the Committee request a budget line item for the lake association forum.

Council is updating its strategic plan for the next four years. The Committee may also consider providing a submission related to the strategic plan. Information on strategic planning and the 2019-2022 Strategic Plan are available here:

<https://engagefrontenac.ca/strategic-plan?preview=true>

Report Prepared By:

Christine Woods, MCIP RPP, Senior Planner