

**The Corporation of the City of Kawartha Lakes  
Agenda  
Environmental Advisory Committee Meeting**

**CKLEAC2024-008**

**Thursday, November 21, 2024**

**2:30 P.M.**

**Electronic Participation Meeting**

**Members:**

Councillor Pat Warren

Virginia Colling

Josh Feltham

Jamie Morris

Santosh Patel

Ola Pasternak

Doug Paterson

Deborah Pearson

David Rynie

Barry Snider

Christine Szabados

**This is an electronic participation meeting and public access to a meeting space will not be available.**

**Please contact [ckleac@kawarthalakes.ca](mailto:ckleac@kawarthalakes.ca) should you wish to view the proceedings and the zoom meeting link will be provided.**

**Accessible formats and communication supports are available upon request. The City of Kawartha Lakes is committed to accessibility for persons with disabilities. Please contact [AgendaItems@kawarthalakes.ca](mailto:AgendaItems@kawarthalakes.ca) if you have an accessible accommodation request.**

1.	<b>Call to Order</b>	
2.	<b>Administrative Business</b>	
2.1	Adoption of Agenda	
2.2	Declaration of Pecuniary Interest	
2.3	Adoption of Minutes of Environmental Advisory Committee meeting of October 17, 2024	4 - 11
	<b>That</b> the minutes from the Environmental Advisory Committee meeting of October 17, 2024 be received and adopted.	
2.4	Planning Officer - Environmental Policy	
2.5	Kawartha Region Conservation Authority representative	
2.6	Attendance Policy Reminder	
3.	<b>Deputations/Presentations</b>	
3.1	Thom Luloff, Fleming College NSERC Grant proposal	12 - 15
4.	<b>Correspondence</b>	
5.	<b>Action Item Updates</b>	
5.1	CKLEAC Work Plan Updates by Project Team Leaders (Pollinator Action, Bird Friendly, Transportation, Healthy Environment Subcommittees)	
5.2	KRCA update on Shoreline Naturalization Project at Lion's Park, Coboconk	
5.3	Tree By-law	
5.4	Environmental Intern Position	
6.	<b>New or Other Business</b>	
6.1	Bee a Hero Contest	
6.2	Youth Advisory Pilot Project	

- 6.3 Mosquito Spraying
- 6.4 Turtle Crossing Signage
- 6.5 Membership vacancies
- 6.6 In-person meetings
- 6.7 Budget
- 7. Next Meeting**
- 8. Adjournment**

**The Corporation of the City of Kawartha Lakes  
Minutes  
Environmental Advisory Committee Meeting**

**CKLEAC2024-007  
Thursday, October 17, 2024  
2:30 P.M.  
Electronic Participation Meeting**

**Members:  
Councillor Pat Warren  
Virginia Colling  
Josh Feltham  
Jamie Morris  
Santosh Patel  
Ola Pasternak  
Doug Paterson  
Deborah Pearson  
David Ryrie  
Barry Snider  
Christine Szabados**

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## 1. Call to Order

In attendance: Virginia Colling, Josh Feltham, Fleming College, Ola Pasternak, KRCA, Deborah Pearson, David Ryrie, Barry Snider, Christine Szabados, Pat Warren, Councillor

Absent: Logan McInnis, Youth Advisor, Jamie Morris, Santosh Patel, Doug Paterson

Staff: Robyn Carlson, Solicitor, Max Faulhammer, Planner II, Nancy Ord, Administrative Assistant

Chair Pearson called the meeting to order at 2:31 p.m.

## 2. Administrative Business

### 2.1 Adoption of Agenda

#### **EAC2024.046**

**Moved By** V. Colling

**Seconded By** C. Szabados

**That** the Agenda for the Environmental Advisory Committee of October 17, 2024 be adopted as amended to add Section 5.2 Youth Advisory Pilot Project and Section 6.7 In-Person Meetings.

**Carried**

### 2.2 Declaration of Pecuniary Interest

There were no declarations of pecuniary interest disclosed.

### 2.3 Adoption of Minutes of Environmental Advisory Committee meeting of September 12, 2024.

#### **EAC2024.047**

**Moved By** C. Szabados

**Seconded By** Councillor Warren

**That** the minutes of the Environmental Advisory Committee meeting of September 12, 2024 be received and adopted as presented.

**Carried**

### 3. Deputations/Presentations

#### 3.1 Tree By-law (R. Carlson, Solicitor)

R. Carlson provided an overview of Solicitor's Report LGL2024-010 presented to City Council on September 24, 2024 and which recommended:

- Adoption of the City Tree Canopy Preservation By-law at Council's October 22, 2024 meeting. The by-law had been amended to reflect public input summarized as an appendix to the report.
- Presentation of a revised Tree Preservation on Private Property Bylaw to Council by the end of 2024 with a narrowed scope applying only to development applications under the Planning Act.
- Report to City Council before the end of 2025 on recommended actions for woodlot conservation, in consultation with the Ontario Woodlot Association.
- Staff investigate potential partnerships with Fleming College to implement tree preservation efforts with report to Council by the end of 2025.

Discussion following on the need and importance of a Shoreline Preservation By-law to all Kawartha residents, to protect the City's water resources and shorelines as "the ribbon of life". The Solicitor noted the shoreline portion of the by-law had been separated from the City Tree By-law due to public opposition from some sources and for referral back to CKLEAC. CKLEAC members raised the following comments:

- Improving ways to reach out to the community in general and including Kawartha Conservation information sessions.
- An Encroachment By-law passed by City Council in 2018 prevents the cutting down of trees on municipal road allowances after comment that many roadside hedges have been destroyed by rural property owners/farmers and by ash trees dying.
- Definition of a shoreline as set out in the zoning by-law is 30.0 metres from the high water mark and that option for enforcement of by-laws could occur through the Municipal Law Enforcement Office.

The Solicitor left the meeting at approximately 3:15 p.m.

**2024.048****Moved By** V. Colling**Seconded By** C. Szabados

**That** CKLEAC recommends to Council that it direct the City Solicitor to create a Shoreline Preservation By-law as in the Conservation Authorities' Lake Management Plans and Plan Implementation.

**Carried****4. Correspondence**

No correspondence was presented.

**5. Action Item Updates**

- 5.1 CKLEAC Work Plan Updates by Project Team Leaders (Pollinator Action, Bird Friendly, Healthy Environment Subcommittees)

**Pollinator Action Subcommittee**

C. Szabados reported on the following:

- Closing of “Bee a Hero” contest on September 15, 2024 with only one garden registered. Discussion followed on the \$50 prize, the direction of the contest and how to better engage the public directed to be an Agenda item for the November 21, 2024 CKLEAC meeting.
- Attendance by Bee City Kawartha Lakes’ volunteers to the Peterborough Monarch Festival on September 21, 2024 involving races, Indigenous drummers, musicians and guest speakers including Rebecca Wood’s presentation on pollinator conservation as a young person in Kawartha Lakes. Bee City participated with its information booth presenting seed packets, outreach and seed bomb workshop.
- Ordering of wooden posts for the Seed Library and J. Kennedy donation of seed aspirator for large-scale seed processing.
- Participation in the Showcase Kawartha exhibit at the International Plowing Match with information, pollinator hotels, bumblebee nesting boxes and pollinator friendly plants.
- Touring and meeting of CKLEAC representatives with Fleming College Professor of Invertebrates Erin McGauley on potential for future partnerships.

- Collaborating on the Lindsay Landfill naturalization project.
- Collaborating on Fleming College pollinator hotel project by assisting in distributing student research and by hosting one or two student presentations to the public. The following motion was approved to support a funding application and C. Szabados directed to prepare the letter of support.
- Maintaining and winter preparation of the Broad Street Pollinator Garden occurred on October 4<sup>th</sup> with the installation of five yards of mulch. The Garden is well established and a small local event is proposed for local residents/school staff to thank partners and encourage educational use by garden groups/schools.
- Meeting of Bee City Kawartha Lakes on November 26 to review its past and coming projects and to prepare painted stones as signage to identify floral species in the garden.

### **Bird Friendly Subcommittee**

In J. Morris' absence, the Chair presented a summary of activities:

- Distribution of bird conservation information at Kawartha Conservation's September 28th Fall Festival
- Development of a Bird Friendly Kawartha Lakes logo.
- Commissioning of a pull-up banner and development of a "Birding in the Kawartha Lakes" brochure.
- Display for the City's International Plowing Match showcase.
- Receiving \$3000 grant from Nature Canada to develop, in partnership with the Humane Society of Kawartha Lakes, a campaign to encourage cat-owners to keep their pets indoors.
- Preparing a Lindsay Legacy C.H.E.S.T. grant application to treat all Lindsay bus shelters to prevent bird strikes with the application to be submitted October 25, 2024.

### **Healthy Environment Subcommittee**

Councillor Warren reported that an Environmental Planner had been hired and will start employment with the City in November 2024. M Faulhammer added that:



- Work is underway to prepare an RFP for the updating of the 2019 Healthy Environment Plan.
- A municipal intern has been accepted by the City to focus for six months on the environment and to shadow Councillor Warren and City Staff.

**EAC2024.049****Moved By** Councillor Warren**Seconded By** V. Colling

**That** CKLEAC supports a funding application by Fleming College for pollinator hotels research project.

**Carried****EAC2024.050****Moved By** D. Pearson**Seconded By** Councillor Warren

**That** \$50 gift certificate be approved for this year's Bee A Hero winner.

**Carried**

## 5.2 Youth Advisory Pilot Project

CKLEAC's input was requested on a series of questions previously provided to assist Staff in preparing a report for Council on the Youth Advisor Pilot Project. Members Pearson, Szabados, Colling and Councillor Warren agreed to review the questions and provide input to Staff before mid-next week.

**6. New or Other Business**

## 6.1 Mosquito Spraying

C. Szabados provided an overview of ongoing research on the negative effects on aquatic environments and pollinators of several pesticides, chemicals and insecticides used in spraying. Discussion followed on:

- Control of spraying signage.
- Limitations to municipal and CKLEAC action where the Province regulates spraying.
- The need for action, as Kawartha Lakes is a Bird Friendly City, and for continued research on avenues to address spraying.

**EAC2024.051****Moved By** C. Szabados**Seconded By** Councillor Warren

**That** select CKLEAC members reach out to the Health Unit on the mosquito spraying issue.

**Carried**

## 6.2 Turtle Crossing Signage in 2025.

C. Szabados reported that review is ongoing and further report. Some discussion followed on options to protect turtles with J. Feltham to provide further review on potential for funding, collection of data and Fleming College student involvement.

## 6.3 Membership vacancies and thank you to retiring member.

D. Pearson reported that Staff are following up with the Clerk's Division on posting procedures for new CKLEAC members in conjunction with advertising for vacancies in other committees of Council.

## 6.4 Kawartha Land Trust October 10th launch of new regional conservation and climate partnership.

Councillor Warren reported on her attendance at the October 10<sup>th</sup> Kawartha Land Trust event and its efforts to seek partnerships in resurrecting a wildlife corridor plan.

## 6.5 Resolution on "willing host" for renewable energy.

Councillor Warren reported that Council approved a revised motion (which removed reference to wind turbines) and that further report will be presented to Council in the first quarter of 2025 once Provincial changes/requirements are known.

## 6.6 Municipal Climate Internship.

As introduced in Section 5.2, M. Faulhammer indicated the Internship application process has commenced with placement scheduled to start in January 2025. CKLEAC members were asked to encourage potential applicants to apply and that advertising of the position is occurring through several sources. J. Feltham indicated an email had been received at Fleming College.

## 6.7 In-Person Meetings

Some members expressed interest in holding in person CKLEAC meetings and the topic was deferred to a future meeting for discussion.

## 7. Next Meeting

The next meeting is scheduled for Thursday, November 21, 2024. The holding of the last meeting of the year on December 19th, 2024 to be reviewed at that time.

## 8. Adjournment

**Moved By** C. Szabados

**Seconded By** D. Ryrie

**That** the meeting be adjourned at 4:29 p.m.

**Carried**



## **Briefing Note**

Date: November 13, 2024

Subject: ***Request for Partnership in College and Community Social Innovation Fund Grant Proposal – City of Kawartha Lakes Bird-Friendly Initiative***

Prepared for: Environmental Action Committee

Cc: City of Kawartha Lakes

## **Purpose of Briefing Note**

The purpose of this briefing note is to formally request the recommendation of the Environmental Action Committee (EAC) to the City of Kawartha Lakes (CKL) to become a community partner in a College and Community Social Innovation Fund (CCSIF) grant proposal.

This grant is funded by the Natural Sciences and Engineering Research Council of Canada (NSERC) and organized by Professor Thom Luloff at Fleming College. By partnering in this research project, CKL will play a leading role in innovative, community-based research aimed at identifying and implementing the most effective bird-friendly strategies for urban environments.

## **Overview of the College and Community Social Innovation Fund Grant**

The CCSIF grant program supports applied, community-based research that fosters partnerships between colleges and local organizations to address social, environmental, and economic challenges.

The grant proposal, submitted and administered through Fleming College, seeks over \$100,000 in funding, most of which will be dedicated to directly supporting research projects involving citizens in the City of Kawartha Lakes. The primary focus is to provide bird-friendly enhancements to households, promote urban conservation, and ultimately deliver practical and cost-effective recommendations for municipalities that answers questions relating to bird safety measures in an urban setting.

This project will involve students from Fleming's Frost Campus in both research and community engagement, making it an ideal blend of academic research, environmental action, and community benefit.



## Overview of the Research Project

The main objective of this research project is to determine: *“What is the biggest threat to urban birds, and which bird-friendly action (window mitigation, native planting/habitat enhancement, or artificial enrichment such as bird feeders, bird baths, or bird houses) offers the best return on investment for bird safety in urban settings?”*

The goal is to provide a recommendation tool that can be adapted by municipalities across Ontario which describes the most cost-effective environmental actions that can protect urban bird populations.

## Project Scope and Community Involvement

As a community-based research project, CKL citizens who wish to participate will be provided with bird-friendly enhancements such as:

- Professionally installed window collision deterrent treatments,
- Native plantings for habitat enrichment,
- Bird feeders, bird baths, and bird houses.

Each enhancement will be installed at no-cost to participants, and the success of these interventions will be monitored over a three-year period by researchers and Frost Campus students.

By partnering in this project, CKL will help foster active citizen involvement in conservation efforts, encourage sustainable urban planning, and support bird-friendly community education which aligns with our requirements to maintain a Bird-Friendly City designation.

## Funding Overview and Cost Structure

The CCSIF grant proposal includes a budget request exceeding \$100,000, with the majority of funds dedicated to procuring and installing the bird-friendly enhancements, which will be subsequently monitored for efficacy, that participating citizens will retain at the end of the study.

**There will be no financial commitment required from CKL in this partnership;** all associated costs are covered by the grant and administered by Fleming College.

## **Benefits to the City of Kawartha Lakes**

### *Enhanced Bird-Friendly Designation*

- Participation in this research aligns with CKL's ongoing bird-friendly initiatives and enhances its status as a conservation-oriented municipality. Each intervention will directly benefit bird populations in urban areas and contributes to CKL's environmental objectives.

### *No-Cost Public Education and Awareness Efforts*

- A key component of this project is public education. Through the grant, educational resources and outreach efforts will be conducted in the community, increasing awareness of conservation practices and the importance of urban biodiversity.

### *Support for Bird-Safe Municipal Buildings*

- The research will explore the efficacy of treating windows to reduce bird collisions. As part of the project, municipal buildings identified in a recent Bird Safe Window audit may have decals installed at no cost to the municipality, serving as monitoring sites for this important bird-friendly intervention.

### *Community Engagement and Student Learning Opportunities*

- This project involves Frost Campus students in applied conservation research, providing them with hands-on experience that will benefit CKL and foster a stronger connection between Fleming College and the local community.

### *Practical, Cost-Effective Conservation Recommendations*

- By the project's end, the City will receive a prioritized list of bird-friendly actions based on their cost-effectiveness and impact on bird safety.
- These findings can help CKL make informed environmental policy decisions and serve as a model for other municipalities seeking similar outcomes.

## **Partnership Request and Commitment**

We kindly ask the Environmental Action Committee to recommend the City of Kawartha Lakes to partner with us in this research initiative.

The requirements of this partnership for CKL would be defined as:

- Promoting the opportunity for CKL citizens to participate in this research project by sharing information and encouraging engagement using existing municipal communication platforms,
- Providing a letter of support on City letterhead and signing off on related partner documents, indicating the City's support for this project. This letter will be included in the final grant submission to NSERC.



## Conclusion

By supporting this grant proposal, the City of Kawartha Lakes has an opportunity to advance its bird-friendly designation, enhance environmental education in the community, and contribute to meaningful conservation research without incurring any costs.

This project aligns with CKL's commitment to sustainability and community engagement and promises lasting benefits to both the City and its residents. We are excited to work together in making CKL a leader in urban bird conservation through this impactful and collaborative project.

Thank you for considering this partnership opportunity. We look forward to your support and to building a sustainable, bird-friendly future for the City of Kawartha Lakes.

Sincerely,

A handwritten signature in black ink, appearing to read "Thom Luloff", with a long horizontal flourish extending to the left.

Thom Luloff  
Professor, Conservation Biology  
Frost Campus, Fleming College