

**City of Port Colborne  
Environmental Advisory Committee Meeting Agenda**

**Date:** Wednesday, July 12, 2023  
**Time:** 6:00 pm  
**Location:** Engineering and Operations Centre, Committee Room  
1 Killaly St West, Port Colborne

**Pages**

1. Call to Order
2. Adoption of the Agenda
3. Disclosures of Interest
4. Approval of Minutes 1
5. Staff Updates
  - 5.1 UFMP Update  
PIC, Public feedback, and EAC feedback
  - 5.2 Terms of Reference 5  
New Terms of Reference for the Environmental Advisory Committee
6. Order of Business
  - 6.1 Disaster Mitigation and Adaptation Fund  
Application Process and Workplan
  - 6.2 Strategic Plan  
Environmental and Climate Change Pillars
  - 6.3 Office of the Environmental Commissioners 13  
Summary Report Prepared by George McKibbin

## 6.4 Electric Vehicle Charging Stations

Discussion led by Norbert Geiger

## 7. New Business

## 8. Adjournment

**City of Port Colborne**  
**Environmental Advisory Committee Meeting Minutes**

**Date:** Wednesday, May 10, 2023  
**Time:** 6:00 pm  
**Location:** Engineering and Operations Centre, Committee Room  
1 Killaly St West, Port Colborne

**Members Present:** R. Waines  
J. Hellinga  
T. Doan  
G. McKibbon  
N. Gieger  
T. Lamb  
K. Klauck

**Staff Present:** M. Lannan, Staff Liaison  
M. Bagu, Councillor  
T. Hoyle, Councillor  
K. Royer, NPCA Representative

**1. Call to Order**

The Chair called the meeting to order at 6:01 p.m.

**2. Adoption of the Agenda**

Moved By Jack Hellinga  
Seconded By Ryan Waines

That the agenda dated May 10, 2023, be accepted as circulated.

Carried

**3. Disclosures of Interest**

Nil.

**4. Approval of Minutes**

#### **4.1 Regular Environmental Advisory Committee Meeting-March 8, 2023**

Moved By Tim Lamb

Seconded By Norbert Gieger

That the minutes of March 8, 2023, be accepted as written.

Carried

### **5. Staff Updates**

#### **5.1 Delegation Form**

Staff updated the committee on the use of Delegation Request Form for members of the public who wish to speak on agenda items.

#### **5.2 Committee Workplan**

Staff provided direction to the committee, on behalf of the Deputy Clerk, to proceed as usual until further notice by the Clerk's Office is provided.

#### **5.3 Membership**

Staff provided direction to the committee, on behalf of the Deputy Clerk, to proceed as usual until further notice by the Clerk's Office is provided.

#### **5.4 Friendship Trail Sign Update**

Staff provided an update on the Friendship Trail Sign project, on behalf of the Infrastructure Division.

#### **5.5 Pollinator Garden along Friendship Trail**

Staff provided an update on Friendship Trail maintenance, and pollinator habitat, on behalf of the Operations Division.

#### **5.6 Update on City Rebate Programs - Environment**

Staff provided an update to the committee, and received comments from the committee on the City's Tree Rebate Program, and the Low-Flow Toilet Rebate Program.

#### **5.7 UFMP Update**

Staff provided an update to the committee on the Urban Forestry Management Plan Project. Staff requested committee comments on a recent presentation for the project. George McKibbin, Tim Lamb, and

Katherine Klauck volunteered to review the presentation and provide feedback to staff.

## **6. Order of Business**

### **6.1 Proposed 2023 Provincial Policy Statement**

The Chair provided a report on recent Planning Policy Changes.

Moved By Katherine Klauck  
Seconded By Norbert Gieger

That the report on proposed 2023 provincial planning policy changes, prepared by George McKibbin, be circulated to Council, Planning, and Public Works, to be received for information.

Carried

### **6.2 Grist Article**

The committee discussed the major point of the article: It's not Just Oceans That Are Rising. *Groundwater is too. As Subterranean Water Inches Higher, So Do Threats To Air and Water.* Published by Grist, and circulated to the committee prior to the meeting.

Staff provided relevant information to the committee from the City's Water Division.

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Ryan Waines and Tim Lamb volunteered to communicate with local industries' Environmental Compliance contacts, for the purpose of understanding local electrification and land-use compatibility objectives.

## **7. New Business**

Nil.

## **8. Adjournment**

The Chair adjourned the meeting at approximately 7:36 p.m.

The next EAC meeting will be on Wednesday July 12th at 6 p.m.

Chair

Staff Liaison

**Port Colborne  
Environmental Advisory Committee  
Terms of Reference**

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**Committee:** Environmental Advisory Committee

**Date Approved:**

**Date Revised:** N/A

**Approval:** Council

**Committee Resource:** Climate Change Coordinator

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## **1. Purpose**

The City of Port Colborne Environmental Advisory Committee (EAC) is an Advisory Committee of Council established to offer advice and recommendations to Council to support and to promote the integration of environmental, energy conservation, climate change and shoreline protection.

## **2. Mandate**

The mandate of the EAC is to provide advice to Council on a range of environmental and sustainability issues including, but not limited to:

- 2.1 Assist with the creation, improvement and enhancement of waste reduction, reuse and recycling programs, water and energy conservation measures and climate change mitigation measures;
- 2.2 Identify emerging environmental and issues and technologies particularly those associated with climate warming adaptation and mitigation;
- 2.3 Investigate and recommend to Council opportunities to work with municipal partners on environmental projects and collaborations to improve the City's conservation practices or in addressing environmental concerns;
- 2.4 Identify and recommend to Council implementation of community outreach activities which support the growth of environmental awareness and appreciation;



- 2.5 Identify new or changing environmental legislation, conservation, environmental sustainability, and the environment in relation to overall quality of life;
- 2.6 Investigate and recommend to Council funding opportunities that may be available for undertaking environmental upgrades;
- 2.7 Assist with and provide advice with respect to City properties and assets best suited for multi-faceted environmental conservation practices.

### **3. Membership Composition**

The Environmental Advisory Committee shall consist of the following voting and non-voting members:

- 3.1 Seven voting members shall be appointed from the public at large by resolution of Council. One citizen member should be under the age of 25, if possible.
- 3.2 Two non-voting members of Council will be appointed to the Advisory Committee to act as a liaison to the Committee. The Mayor is an ex-officio non-voting member of the Committee.
- 3.3 One non-voting member of staff who shall act as a resource person, recording secretary and shall provide administrative support to the Committee. Additional members of staff may be called on for specific subject matter expertise as a committee resource.
- 3.4 One non-voting representative of the Niagara Peninsula Conservation Authority (NPCA), who shall be designated by the NPCA to serve as a resource person to the Committee.

### **4. Citizen Membership Eligibility Criteria**

To facilitate the nomination and appointment of new citizen members to the EAC, the following criteria will be considered. The aim is to achieve a diverse committee with a combination of technical experts and community representatives.





## **PORT COLBORNE**

- 4.1 Residency – Members must be at least 18 years of age and a tenant or owner of land in the City of Port Colborne, or the spouse/partner of such owner or tenant.
- 4.2 Technical Expertise – A high level of technical expertise is required within the Committee. Applicants with academic qualifications and/or work experience in environmentally related disciplines will be an important consideration.
- 4.3 Community Representatives – Consideration shall be given to the individual's level of participation and knowledge of environmental issues and the planning process. The relevance of their interests to the mandate of EAC will be an important consideration.

Where possible, one member should be drawn from those under the age of 25. Preference will be given to those enrolled or employed at the time of appointment in an environmentally related field of study, as noted above.

- 4.4 Availability – It is imperative that an applicant be able to attend as many EAC meetings as possible and undertake work outside of the regular meetings.

### **5. Membership Recruitment**

- 5.1 Membership recruitment will be conducted in accordance with the City's Appointments to Boards and Committees Policy.
- 5.2 The membership on the Committee shall consist of appointments by Resolution of Council for Citizen Members.

### **6. Term**

The Committee appointments shall follow a four-year term in order to maintain the staggered structure. Each member of the Committee shall hold membership until his/her successor is appointed. In the case of a vacancy for any cause other than expiration of term, the member appointed to fill the vacancy shall hold office for the balance of the term of the member whose place is vacant.



## **PORT COLBORNE**

### **7. Resignation**

A voting member of the Committee shall cease to be a member of the Committee upon submission of a letter of resignation to the City Clerk or if he/she absents himself/herself from three successive scheduled meetings of the Committee without being authorized to do so by a resolution of the Committee entered into the minutes.

### **8. Appointment of Chair and Vice-Chair**

At the first meeting of the new term of the Committee, the members shall appoint, from among their number, a Chair and Vice-Chair. Members of Council are not eligible to act as Chair or Vice-Chair.

### **9. Role of the Chair**

The role of the Chair is to:

- 9.1 Preside at the meetings of the Committee in accordance with the Procedural By-law and keep discussion on topic.
- 9.2 Provide leadership to the Committee to encourage that its activities remain focused on its mandate as an Advisory Committee of Council.
- 9.3 Review agenda items with the Staff Liaison.
- 9.4 Recognize each Member's contribution to the Committee's work.
- 9.5 Serve as an ex-officio member of subcommittees and attend subcommittee meetings when necessary.
- 9.6 Liaise with other Committee members.
- 9.7 Make deputations, presentations, etc. before Council.
- 9.8 Prepare report with recommendations for Council in coordination with Staff Liaisons on the prescribed template.



## **PORT COLBORNE**

### **10. Role of the Vice-Chair**

In the absence of the Chair, the Vice-Chair will chair meetings and assume all functions of the Chair as necessary.

### **11. Role of Committee Members**

The role of Committee Members is to:

11.1 Work collaboratively with City staff to develop an annual Work Plan and prepare annual progress reports. Work Plans will ensure workload is manageable and appropriately shared between EAC members and staff.

11.2 Ensure that the mandate of the Committee is being fulfilled.

11.3 Conduct research to help inform of environmental programs, outreach campaigns, by-laws, etc.

11.4 Provide the Chair with solid information regarding agenda items.

11.5 Fairly represent the field of expertise, interest and involvement of the Committee.

11.6 Notify the Staff Liaison if they are unable to attend Committee meetings to ensure that quorum will be available for all meetings.

### **12. Meetings**

12.1 All meetings shall be open, and no person shall be excluded therefrom except for improper conduct or for matters identified in section 239(2) of the *Municipal Act*, 2001, S.O. 2001, c. 25.

12.2 All matters pertaining to a closed meeting must first be approved by the Clerk to ensure it is appropriately being dealt with in closed session.



## **PORT COLBORNE**

- 12.3 The Committee shall hold a minimum of four (4) meetings in each calendar year. At the first regular meeting of the new term, a meeting schedule will be adopted by the Committee.
- 12.4 The Chair shall cause notice of the meetings, including the agenda for the meetings in accordance with the City's Procedural By-law.
- 12.5 Meetings will be held on a set day and time as may be determined by the Committee or at the call of the Chair. The EAC will establish a meeting schedule, taking into account the business needs and the schedule of Council.
- 12.6 The location of the meetings will be set by the Committee at a City facility.

### **13. Minutes**

The minutes of all Committee meetings shall be recorded and distributed to Committee Members and to the City Clerk for safekeeping and inclusion on the regular Council agenda.

The minutes shall be open to inspection in accordance with the *Municipal Act, 2001*, S.O. 2001, c. 25., as amended and such minutes will be posted on the City's website.

### **14. Quorum**

A quorum of the Board shall consist of a majority of sitting, voting members; vacant seats shall count as seats for the purpose of calculating a quorum.

If a quorum for an Advisory Committee meeting is not present within fifteen (15) minutes of the time fixed for the commencement of the meeting, the Committee may proceed without a quorum, provided that at least three Members are present. The Clerk is not required to be present and no motions will be passed or minutes prepared.

### **15. Conflict of Interest**

It is the responsibility of each member to identify and disclose a pecuniary interest on any item or matter before Council, or Committee in accordance with the *Municipal Conflict of Interest Act*, R.S.O. 1990, c.M. 50.



## PORT COLBORNE

Where a Member has any pecuniary interest, direct or indirect, in any matter and is present at a meeting of the Committee at which the matter is the subject of consideration, the Member will, in accordance with *Municipal Conflict of Interest Act*, R.S.O.1990, c.M. 50 (5):

- file a written statement of the interest and its general nature with the Clerk prior to the meeting;
- not take part in the discussion of, or vote on any question with respect to the matter;
- not attempt in any way before, during and/or after the meeting to influence the vote on the matter.

Where a meeting is not open to the public, in addition to complying with the requirements under the *Municipal Conflict of Interest Act*, the Member will forthwith leave the meeting for the part during which the matter is under consideration.

The Clerk will record the particulars of any disclosure of pecuniary interest made by Members of Committees in the minutes of that meeting and update the Pecuniary Interest Registry. The Registry will be available for public inspection.

### **16. Procedures**

Procedures for the proceedings of meetings shall be governed by the City's Procedural By-law, as well as Robert's Rules of Order.

### **17. Remuneration**

All members of the Committee shall serve without remuneration.

### **18. Staff Liaison**

City staff from key positions within the Corporation, plus technical staff as required from time to time, will provide support for the reviews and activities of the Committee. The liaison will provide administrative, procedural, and technical support to the Committee. The liaison will co-ordinate all requests for advice from the Committee, through meeting agendas.



## **19. Annual Workplan**

An annual workplan with an estimate of the resources necessary for the coming year shall be prepared by the EAC.

## **20. Terms of Reference**

Any responsibilities not clearly identified within these Terms of Reference shall be the responsibility of the City of Port Colborne staff. Council may, at its discretion, change the Terms of Reference for this Committee at any time. Any changes proposed to these Terms of Reference by the Committee shall be recommended to Council via the City Clerk through a report. At the discretion or upon the mandate of the Committee being fulfilled, the Committee may be dissolved by resolution of Council.

## **21. Resources**

- 21.1 Procedural By-Law
- 21.2 *Municipal Act*
- 21.3 Code of Conduct
- 21.4 Appointment to Boards/Committees Policy
- 21.5 *Conflict of Interest Act*
- 21.6 Robert's Rules of Order
- 21.7 *Municipal Freedom of Information and Protection of Privacy Act (MFIPPA)*

**The State of the Environment in Ontario, 2022**  
**Office of the Auditor General of Ontario**  
**May 2023**

**Introduction:** Bonnie Lysyk, Auditor General, and Dr. Tyler Schulz, Assistant Auditor General and Commissioner of the Environment reported on the State of Ontario's Environment to the Legislative Assembly in May, 2023. The report *"was conceived as an illustration of what can be prepared and provided to the public based on available information. The report is meant to contribute to the discussion of the benefits of reporting on the state of the province's environment and serve as an accountability mechanism for government to inform its citizens objectively about how well it is doing in protecting the environment"* (page 5).

Here is a report summary and highlights that apply to Port Colborne.

**Summary:** The report is organized around a findings summary, detailed evaluation of five topics, terminology definitions, a summary of environmental decisions, and data sources.

The Auditor General and Commissioner of the Environment functions were amalgamated in 2019. In 2020, they reported on monitoring the Province's environment. In 2021 they reported on the availability of suitable environmental data. The authors recommend this report as Ontario's State of Environment Report.

Five topics are addressed: Air, Water, Land and Waste, Climate and Nature and Wildlife. Here are the summary findings:

**Air:** Air quality<sup>1</sup> improved dramatically over the past several decades except for increases in particulate matter emissions and average concentrations of ground level ozone. Local conditions may vary depending upon circumstances.

**Water:** Water quality varies across the province, despite improvements many positive water quality trends stalled or reversed since the 1990s.

**Land and Waste:** Southern Ontario has lost 25% forest cover and almost three-quarters of its wetlands. Ontario croplands have experienced declines in fertility and landfill capacity is capable of accepting only 13 more years of waste.

**Climate:** A gradual increase in surface air temperature is occurring. Weather related disasters grew over 100 years from almost one a year in the early 1900s to an average of three a year since 2000. Average Great Lakes ice cover is 26% lower than 50 years ago. Ontario's average growing season lengthened by 13 days since 1950.

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<sup>1</sup> Note, this report was released before the forest fires and substantial attendant air quality issues we are experiencing this year occurred.

**Nature and Wildlife:** The average number of forest hectares lost each year due to deforestation is almost quadruple the amount established as new forest. Ontario has not met its biodiversity strategy target of 17% of land and water systems set in 2011. Ontario has highly fragmented wildlife habitat and one of the highest concentrations of species at risk.

**Highlights applicable to Port Colborne:**

1. The 10 Ontario census divisions with the highest concentrations of ground level ozone, summer ozone, fine particulate matter (PM 2.5) and Nitrogen Oxide (NO<sub>2</sub>) over the Provincial average (2015 to 2017) are compared. Niagara ranked 7<sup>th</sup> with 45.4 parts per billion annual ozone, 5<sup>th</sup> with 52.4 parts per billion summer ozone, 6<sup>th</sup> with 7.8 micrograms per cubic metre PM 2.5 (see Figure 5 on page 20).
2. Microplastics were found to be concentrated most heavily in Lake Ontario and to a lesser extent in Lake Erie. Differences between concentrations of microplastics in water and lake bottom sediments indicates microplastics settle rapidly (page 28).
3. Lake Erie exceeded Ontario's water quality objective for average annual total phosphorus concentrations over the past 4 decades. Algae blooms increased in parts of Lake Erie and Ontario over the past decade.
4. Ontario (Great Lakes Protection Act, 2015) targeted phosphorus loadings reduction in western and central Lake Erie by 40% by 2025 (Canada-Ontario Lake Erie Action Plan). We have not reached this target.
5. Census data from 2016 shows the majority of Ontario's cropland remains at moderate to very high risk of soil erosion. Soil organic carbon has declined due to a shift from pasture to annual crops and declining cattle herds.
6. Carbon stock in southern Ontario wetlands is about 1.3 billion tonnes of carbon or 60% less than the amount prior to European settlement. (page 62)
7. A century of Great Lakes water monitoring in Lake Erie shows a statistically significant increase in water levels (0.59 cm/year). We don't know whether this is within natural variability or is a longer term continuing trend.
8. The Provincial target to protect representative naturally occurring vegetation and landforms and establish a wilderness park in the region that includes Port Colborne have not been met. Port Colborne is within a region with Southern Ontario's lowest habitat connectivity rating.