



## **The Regional Municipality of Durham**

### **Durham Environmental Advisory Committee Agenda**

Thursday, March 18<sup>th</sup>, 2021

7:00 PM

Council Chambers  
Regional Municipality of Durham Headquarters  
605 Rossland Road East, Whitby

Please note: In an effort to help mitigate the spread of COVID-19, and to generally comply with the directions from the Government of Ontario, **it is requested in the strongest terms that Members participate in the meeting electronically**. Regional Headquarters is closed to the public, all members of the public may view the Committee meeting via live streaming, instead of attending the meeting in person. If you wish to register as a delegate regarding an agenda item, you may register in advance of the meeting by noon on the day prior to the meeting by emailing [delegations@durham.ca](mailto:delegations@durham.ca) and will be provided with the details to delegate electronically.

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1. **Roll Call**
2. **Approval of Agenda**
3. **Declarations of Interest**
4. **Adoption of Minutes**
  - A) DEAC meeting of February 18<sup>th</sup>, 2021 ([Attachment 1](#))
5. **Presentation (45 minutes)**
  - A) Durham-Scarborough Bus Rapid Transit, (Hailey McWilliam, Environmental Planner, IBI Group)
6. **Items for Discussion/Input (45 minutes)**
  - A) DEAC Youth and Student membership replacement update
  - B) Endorsement of [DEAC Climate Resiliency Guide](#)
  - C) Update from DEAC Environmental Awards Subcommittee

If this information is required in accessible format, please contact 1-800-372-1102 ext. 2549

- D) Update from DEAC Webinar Series Subcommittee
- E) Spring bee pollinator seedling distribution project update
- F) [2021-P-7](#) Envision Durham Proposed Policy Directions Report
- G) Notice of Study Completion for the Additional Water Storage and New Pumping Station Newcastle Urban Area, Clarington, Municipal Class Environmental Assessment ([Link to report and appendices](#))
- H) Ajax Reinforcement Project by Enbridge ([Link to project overview and report](#))

**7. For Information (10 minutes)**

- A) [2021-INFO-20](#) Management of Toxics in the Environment
- B) [2021-INFO-22](#) Carruthers Creek Watershed Plan Update
- C) [2021-INFO-24](#) Proposed Federal Clean Fuel Standard Regulations – Land Use and Biodiversity
- D) [2021-INFO-25](#) Provincial consultation on growing the size of the Greenbelt
- E) Canada's Net Zero Future – New report from the Canadian Institute for Climate Choices ([Link to report](#))
- F) [Durham Agricultural Advisory Committee minutes from its January 16<sup>th</sup> meeting](#)
- G) Ministry of Energy, Northern Development and Mines – Review of Long-term energy planning framework (Public comments accepted until April 27<sup>th</sup>, 2021) ([Link to proposal](#))

**8. Other Business (10 minutes)**

**9. Date of Next Meeting**

Thursday April 8<sup>th</sup>, 2021

Notice regarding collection, use and disclosure of personal information:

Written information (either paper or electronic) that you send to Durham Regional Council or Committees, including home address, phone numbers and email addresses, will become part of the public record. This also includes oral submissions at meetings. If you have any questions about the collection of information, please contact the Regional Clerk/Director of Legislative Services.

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 2097.

## **The Regional Municipality of Durham**

### **MINUTES**

#### **DURHAM ENVIRONMENTAL ADVISORY COMMITTEE**

**February 18, 2021**

A regular meeting of the Durham Environmental Advisory Committee was held on Thursday, February 18, 2021 in Council Chambers, Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby at 7:15 PM. In accordance with Provincial legislation, electronic participation was permitted for this meeting.

#### **1. Roll Call**

Present: O. Chaudhry, Pickering  
S. Clearwater, Whitby  
J. Cuthbertson, Clarington, Second Vice-Chair  
C. Doody-Hamilton, Member at Large attended the meeting at 8:15 PM  
G. Layton, Oshawa  
K. Lui, Member at Large, First Vice-Chair  
K. Murray, Member at Large  
B. Shipp, Member at Large  
D. Stathopoulos, Member at Large  
M. Thompson, Ajax  
S. Yamada, Regional Councillor, Town of Whitby  
**\*all members of the committee participated electronically**

Absent: G. Carpentier, Scugog, Chair  
R. Dickinson, Brock  
B. Foxton, Uxbridge

#### **Staff**

Present: S. Glover, Committee Clerk, Corporate Services – Legislative Services  
R. Inacio, Systems Support Specialist, Corporate Services – IT  
A. Luqman, Project Planner, Planning & Economic Development Department

In the absence of the Chair, J. Cuthbertson, Second Vice-Chair, assumed the Chair.

#### **2. Approval of Agenda**

Moved by K. Murray, Seconded by D. Stathopoulos,  
That the agenda for the February 18, 2021 DEAC meeting, as  
presented, be approved.

CARRIED

#### **3. Declarations of Interest**

There were no declarations of interest.

**4. Adoption of Minutes**

Moved by S. Clearwater, Seconded by K. Lui,  
That the minutes of the regular DEAC meeting held on Thursday,  
January 21, 2021, be adopted.  
CARRIED

**5. Presentations**

A) The Seed Exchange Library at Durham College/Ontario Tech University Library, (Nathalie Zhou, Librarian, School of the Hospitality and Horticultural Science and the School of Interdisciplinary Studies)

Natalie Zhou, Librarian, provided a PowerPoint presentation regarding the Seed Exchange Library at Durham College/Ontario Tech University Library.

Highlights from the presentation included:

- Overview
- Why We Started the Program?
- How Did We Start?
- Thanks to Donors
- Letters to Donors
- Some Fruits and Vegetables
- Gardens at Durham College (Whitby Campus)
- Donation from Urban Harvest
- Seed Exchange Procedure
- Our Message to Growers
- Subsequent Development
- Seed Exchange Library Website
- Promotions

N. Zhou responded to questions from the Committee regarding whether the Seed Exchange Library is available to the public or just students; and when the Seed Exchange Library would be open for in-person attendance.

**6. Items for Discussion/Input**

A) Town of Whitby Bridge and Culvert Master Plan Environmental Study Report – Notice of Completion

Antony Manoharan, Water Resources Engineer, Town of Whitby provided an overview of the Bridge and Culvert Master Plan and advised that the priority was to stop flooding in order to prevent having to close or lose the road and determine what the capacity issues were with the culverts. He advised that staff studied many creeks and culverts and identified downstream erosion locations and sized the culverts accordingly.

A. Manoharan responded to questions from the Committee regarding if planting medium and large size native trees throughout the study area to assist in water uptake was considered; identifying a range of design alternatives at each of the high risk crossings to reduce flood risk; the environmental impacts of enlarging culverts on downstream flooding; erosion, habitat destruction and sedimentation in the downstream wetland, and potential mitigation strategies; whether consideration was made to implement green infrastructure; how to protect the culverts from large storm events; natural features that would allow for the infrastructure to not be overwhelmed and not require a large investment; and, whether tile treatment wetlands that would allow for settling and that are placed 50-100 meters away from the creek itself, have been considered.

Discussion ensued regarding the legends in the study report including main crossroads including Hwy 12; and a series of check dams to slow down storm flows that could eliminate the need to enlarge all of the culverts.

In response to a question from the Committee regarding whether the Region is going to look into studies on best practices to mitigate impacts of flooding and whether the Region is protecting itself with the developments being allowed, A. Luqman advised that she would forward this question to the Works Department specifically with regards to Regional jurisdiction.

B) Notice of Study Commencement and Step-down, Highway 407 East – New Maintenance Patrol Yard

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A copy of the Notice of Study Commencement and Step-down, Highway 407 East – New Maintenance Patrol Yard was received as Attachment #2 to the agenda.

A. Luqman advised that comments can be submitted by March 12, 2021.

C) DEAC Youth and Student Membership Replacement Update

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A. Luqman advised that the Planning and Economic Development Committee considered and approved Report #2021-P-3 of the Commissioner of Planning & Economic Development appointing the post-secondary member and the two youth members. She advised that Report #2021-P-3 will be considered by Regional Council on February 24, 2021.

D) Update from Climate Change Resiliency Homeowner's Guide Subcommittee

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A. Luqman requested that any final comments be submitted to her by the end of day on Friday, February 19, 2021 for consideration in the final copy of the Climate Change Resiliency Homeowner's Guide.

E) Update from DEAC Environmental Awards Subcommittee

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G. Layton advised that the DEAC Environmental Awards Subcommittee met on Tuesday, February 16, 2021 to discuss next steps. She advised that advertisements will be in print and via social media in March with applications being due by April 30, 2021 where the winners will be selected in time for the June DEAC meeting.

F) Spring Bee Pollinator Seedling Distribution Project

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Discussion ensued regarding next steps for the Spring Bee Pollinator Seedling Distribution Project. A. Luqman advised that she anticipates hearing back from the Works Department shortly to see if they will be proceeding with their Spring compost days as a possible option to distribute seeds during those events. She advised that next steps would be to reach out to suppliers and obtain prices for the seed packets.

**7. For Information**

A) Commissioner's Report #2021-P-3 – Durham Environmental Advisory Committee 2020 Annual Report and 2020 Workplan

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A copy of Report #2021-P-3 of the Commissioner of Planning & Economic Development was received.

B) Commissioner's Report #2021-INFO-10 – 2020 Source Water Protection Annual Report

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A copy of Report #2021-INFO-10 of the Commissioner of Works was received.

Concerns were raised by S. Clearwater regarding the seven remaining significant threats in Durham Region noted in Report #2021-INFO-10 of the Commissioner of Works, and that the DEAC should be keeping an eye on those threats.

C) Commissioner's Report #2021-INFO-11 – Odour Mitigation Strategies for the Mixed Waste Pre-Sort and Anaerobic Digestion Facility

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A copy of Report #2021-INFO-11 of the Commissioner of Works was received.

A question was raised regarding district heating opportunities and low-quality heat being utilized for commercial, industrial and residential purposes, and whether this would be considered as it relates to the anaerobic digestion facility. A. Luqman advised that she would forward the question to the Waste Services division.

D) DAAC minutes from January 12, 2021 Meeting

A copy of the January 12, 2021 DAAC meeting minutes was received.

E) Central Lake Ontario Conservation's 2020 Annual Report

A copy of the Central Lake Ontario Conservation's 2020 Annual Report was received.

F) Ontario on the Rocks: A Report on the Economic, Social and Environmental Consequences of Resource Extraction

A copy of Ontario on the Rocks: A Report on the Economic, Social and Environmental Consequences of Resource Extraction was received as Attachment #3 to the agenda.

In response to a question from the Committee regarding the nature of this attachment, A. Luqman advised that it was received from a group called Gravel Watch Ontario, whose focus is on aggregate use.

Moved by S. Clearwater, Seconded by D. Stathopoulos,  
That Information Items 7A) and 7F) inclusive, be received for  
information.

CARRIED

**8. Other Business**

A) Duffin Creek Water Pollution Control Plant Committee

S. Clearwater advised that she attended the Duffin Creek Water Pollution Control Plant Committee meeting on February 4, 2021. She advised that there was a presentation by the Toronto Region Conservation Authority (TRCA) regarding what would happen if 8% of agricultural land was changed to forest (importance of reforestation on water quality), and a presentation regarding the engineering of the long outfall pipes that go out into the water, with a focus on phosphorus.

S. Clearwater advised that she would forward the presenters' information to A. Luqman.

B) Potential Webinar Series by DEAC members

Discussion ensued regarding DEAC members developing a webinar series for the public that would highlight different topics of interest and inviting different speakers to participate in the webinars. Suggested topics included a presentation on Green Infrastructure and a presentation by Krista Chomicki, a Great Lakes Scientist from the TRCA.

Moved by C. Doody-Hamilton, Seconded by S. Clearwater,  
That an Educational Webinar Series Subcommittee be established;  
and that C. Doody-Hamilton and J. Cuthbertson be appointed to the  
subcommittee.

CARRIED

**9. Next Meeting**

The next regular meeting of the Durham Environmental Advisory Committee will be held on Thursday, March 11, 2021 starting at 7:00 PM in the Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby.

**10. Adjournment**

Moved by O. Chaudhry, Seconded by K. Murray,  
That the meeting be adjourned.

CARRIED

The meeting adjourned at 8:30 PM

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J. Cuthbertson, Second Vice-Chair,  
Durham Environmental Advisory  
Committee

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S. Glover, Committee Clerk