

## **The Regional Municipality of Durham**

### **MINUTES**

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

**October 20, 2022**

A regular meeting of the Durham Environmental Advisory Committee was held on Thursday, October 20, 2022 in Lower Level Boardroom (LL-C), Regional Municipality of Durham Headquarters, 605 Rossland Road East, Whitby at 7:01 PM. Electronic participation was permitted for this meeting.

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

Present: S. Clearwater, Whitby  
R. Dickinson, Brock  
B. Foxton, Uxbridge  
G. Layton, Oshawa, Second Vice-Chair  
K. Lui, Member at Large  
M. Nasir, Ajax  
S. Panchal, Youth Member  
B. Shipp, Member at Large attended the meeting at 7:09 PM  
D. Stathopoulos, Member at Large  
**\*all members of the committee participated electronically**

Absent: A. Abu-Rayash, Member at Large  
G. Carpentier, Scugog, Chair  
J. Cuthbertson, Clarington, First Vice-Chair  
O. Chaudhry, Pickering  
K. Murray, Member at Large  
S. Yamada, Regional Councillor, Town of Whitby

#### **Staff**

Present: R. Inacio, Systems Support Specialist, Corporate Services – IT  
A. Luqman, Senior Planner, Planning & Economic Development Department  
T. Nimmo, Manager of Technical Support, Works Department  
S. Ciani, Committee Clerk, Corporate Services – Legislative Services

In the absence of the Committee Chair, G. Layton, Second Vice-Chair, assumed the Chair.

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

Moved by K. Lui, Seconded by M. Nasir,  
That the agenda for the October 20, 2022 Durham Environmental  
Advisory Committee (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 R. Dickinson,  
That the minutes of the Durham Environmental Advisory Committee  
meeting held on Thursday, September 15, 2022, be adopted.

CARRIED

**5. Presentations**

A) Durham Wastewater – Treatment, Sludge, and Biosolids, Tavis Nimmo, Durham  
Region Works Department

Tavis Nimmo, Manager of Technical Support, provided a PowerPoint presentation  
regarding Durham's Wastewater – Treatment, Sludge, and Biosolids.

Highlights from the presentation included:

- Presentation Overview
- Durham Wastewater
  - Collection System
  - Hauled Wastewater
  - Sewer-Use By-Law Program
- Wastewater Treatment
- Conventional Activated Sludge Treatment
  - Step One: Preliminary Treatment
  - Step Two: Primary Treatment
  - Step Three: Secondary Treatment – Two Stages
  - Step Four: Disinfection & Chemical Treatment
  - Step Five: Discharge
  - Step Six: Solids Management
- Sludge – Stabilization
  - Aerobic Digestion
  - Anaerobic Digestion
- Biosolids
  - Incineration Pre-Treatment
  - Incineration
  - Land Application

T. Nimmo responded to questions from the Committee regarding whether there have been any bypasses for Durham Region during the primary or secondary water treatment processes; and whether the application of biosolids to farmlands is restricted to grasslands in the first year or two.

In response to a question from the Committee regarding the composition of the biosolids that are used for land use applications, and what the biosolids are tested for, T. Nimmo advised that he would provide the literature to A. Luqman to share with the Committee.

**6. Items for Discussion**

A) Advisory Committee Applications Deadline

A. Luqman reminded the committee members that the application deadline for applying for regional advisory committees is Thursday, October 27, 2022.

**7. For Information**

A) Information Report #2022-INFO-83: Durham Agricultural Advisory Committee 2022 Farm Tour

A copy of Report #2022-INFO-83 of the Commissioner of Planning & Economic Development was received.

B) Impact of Mowing Frequency on Anthropod Abundance and Diversity in Urban Habitats: A meta-analysis

A copy of the Impact of Mowing Frequency on Anthropod Abundance and Diversity in Urban Habitats: A meta-analysis article abstract was received.

C) Whitby Lynde Creek Master Drainage Plan Update – Municipal Class Environmental Assessment Notice of Completion and Final Report

A copy of the Whitby Lynde Creek Master Drainage Plan Update – Municipal Class Environmental Assessment Notice of Completion and Final Report was received.

D) PLN 38-22 Pickering Integrated Sustainable Design Standards

A copy of Report #PLN 38-22: Pickering Integrated Sustainable Design Standards was received.

Discussion ensued regarding the encouragement by the Pickering Official Plan to install white roofs to improve energy efficiency in buildings, stormwater management absorption quality, and to reduce urban heat island effects, and if in Durham's climate, a darker roof would be more beneficial.

E) Whitby Climate Emergency Response Plan – CityInsight Model

A copy of the Whitby Climate Emergency Response Plan – CityInsight Model was received.

Discussion ensued regarding whether Net Zero by 2050 is possible with the population increasing so dramatically, and what specifically is being done to get Durham Region there.

The Committee expressed their interest in having a presentation from the Town of Whitby to explain the CityInsight Model.

F) Durham Agricultural Advisory Committee – Minutes from September 13<sup>th</sup> Meeting

A copy of the Durham Agricultural Advisory Committee – Minutes from September 13<sup>th</sup> Meeting was received.

G) Durham Region Roundtable on Climate Change – Minutes from September 16<sup>th</sup> Meeting

A copy of the Durham Region Roundtable on Climate Change – Minutes from September 16<sup>th</sup> meeting was received.

H) Energy from Waste – Waste Management Advisory Committee meeting – Minutes from September 27<sup>th</sup> Meeting

A copy of the Energy from Waste – Waste Management Advisory Committee meeting – Minutes from September 27<sup>th</sup> meeting was received.

Moved by S. Clearwater, Seconded by R. Dickinson,  
That Information Items 7. A) to H) inclusive, be received for information.  
CARRIED

**8. Other Business**

A) Friends of Second Marsh

G. Layton advised that the Friends of Second Marsh received \$34,000 from the provincial Great Lakes Local Action Fund (GLLF) for their “Let’s De-Phrag the Marsh Project” which aims at managing invasive phragmites in the marsh.

In response to a question from the Committee regarding whether the Friends of Second Marsh is cutting back on the use of herbicides to control the phragmites in the marsh, G. Layton advised that she would provide a more detailed update at the next committee meeting. S. Clearwater stated that she would provide G. Layton with the research that she had found.

**9. Date of Next Meeting**

The next regular meeting of the Durham Environmental Advisory Committee will be held on Thursday, November 17, 2022, starting at 7:00 PM in the Council Chambers, Regional Headquarters Building, 605 Rossland Road East, Whitby.

**10. Adjournment**

Moved by D. Stathopoulos, Seconded by B. Foxton,  
That the meeting be adjourned.

CARRIED

The meeting adjourned at 7:54 PM

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G. Layton, Second Vice-Chair, Durham  
Environmental Advisory Committee

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S. Ciani, Committee Clerk