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## Environmental Action Committee

**Date:** September 14, 2021  
**Time:** 1:30 PM  
**Location:** Online Video Conference

### Members

|                           |  |
|---------------------------|--|
| Councillor Matt Mahoney   | Ward 8 (Chair)                                   |
| Councillor Stephen Dasko  | Ward 1 (Vice-Chair)                              |
| Councillor George Carlson | Ward 11  |
| Brad Bass                 | Citizen Member                                   |
| Chelsea Dalton            | Citizen Member                                   |
| Lea Ann Mallett           | Citizen Member                                   |
| Pujita Verma              | Citizen Member                                   |
| Sydney Miller             | UTM (University of Toronto Mississauga) Student  |
| Vacant                    | PEYA (Peel Environmental Youth Alliance) Student |
| Alice Casselman           | Association for Canadian Educational Resources   |
| Melanie Kramer            | Credit Valley Conservation                       |
| Britt McKee               | Ecosource  |
| Jennifer Taves            | Partners in Project Green                        |
| Brad Butt                 | Mississauga Board of Trade (Non-Voting Member)   |
| Sid Gendron               | Sawmill Sid Inc. (Non-Voting Member)             |
| Andrea Rowe               | Greening Sacred Spaces (Non-Voting Member)       |

### Participate Virtually and/or via Telephone

Advance registration is required to attend, participate and/or make a comment in the virtual meeting. Questions for Public Question Period are required to be provided to Clerk's staff at least 24 hours in an advance of the meeting. Any materials you wish to show the Committee during your presentation must be provided as an attachment to the email. Links to cloud services will not be accepted. Comments submitted will be considered as public information and entered into public record. **Please note the Environmental Action Committee will not be streamed or video posted afterwards.**

To register, please email [michelle.sanstra@mississauga.ca](mailto:michelle.sanstra@mississauga.ca) and for Residents without access to the internet via computer, smartphone or tablet, can register by calling Michelle Sanstra at 905-615-3200 ext. 5411 **Friday, September 10, 2021 before 4:00PM.** You will be provided with directions on how to participate from Clerks' staff.

### Contact

Michelle Sanstra, Legislative Coordinator, Legislative Services  
905-615-3200 ext. 5411  
Email [michelle.sanstra@mississauga.ca](mailto:michelle.sanstra@mississauga.ca)

1. CALL TO ORDER

2. APPROVAL OF AGENDA

3. DECLARATION OF CONFLICT OF INTEREST

4. MINUTES OF PREVIOUS MEETING

4.1. Environmental Action Committee DRAFT Minutes – July 6, 2021

5. DEPUTATIONS

5.1. Tree Protection By-laws Review

- *Wayne Holder, Supervisor, Tree Preservation and Protection*

5.2. Home Energy Retrofits: Program Update

- *Teresa Chan, Acting Supervisor, Climate Change*

6. PUBLIC QUESTION PERIOD - 15 Minute Limit

**Public Comments:** Advance registration is required to participate and/or to make comments in the virtual public meeting. Any member of the public interested in speaking to an item listed on the agenda must register by calling 905-615-3200 ext. 5411 or by emailing [michelle.sanstra@mississauga.ca](mailto:michelle.sanstra@mississauga.ca) by **Friday, September 10, 2021 before 4:00PM.**

Pursuant to Section 42 of the Council Procedure By-law 0139-2013, as amended:

Environmental Action Committee may grant permission to a member of the public to ask a question of Environmental Action Committee, with the following provisions:

1. Questions shall be submitted to the Clerk at least 24 hours prior to the meeting;
2. A person is limited to two (2) questions and must pertain specific item on the current agenda and the speaker will state which item the question is related to;
3. The total public question period time is 15 minutes maximum and shall not be extended by the Chair; and
4. Any response not provided at the meeting will be provided in the format of written response.

7. CONSENT AGENDA

8. MATTERS TO BE CONSIDERED

8.1. Environmental Action Committee (EAC) Work Plan

9. INFORMATION ITEMS - Nil.

10. OTHER BUSINESS/ENQUIRIES

11. DATE OF NEXT MEETING

Tuesday, October 5, 2021 at 9:30 am via Online Video Conference

12. ADJOURNMENT

## Environmental Action Committee

**Date:** July 6, 2021  
**Time:** 9:30 AM  
**Location:** Online Video Conference

|                 |                          |  |
|-----------------|--------------------------|--|
| Members Present | Councillor Matt Mahoney  | Ward 8 (Chair)                                   |
|                 | Councillor Stephen Dasko | Ward 1 (Vice-Chair)                              |
|                 | Brad Bass                | Citizen Member                                   |
|                 | Chelsea Dalton           | Citizen Member                                   |
|                 | Lea Ann Mallett          | Citizen Member                                   |
|                 | Shailly Prajapati        | PEYA (Peel Environmental Youth Alliance) Student |
|                 | Alice Casselman          | Association for Canadian Educational Resources   |
|                 | Britt McKee              | Ecosource  |
|                 | Melanie Kramer           | Credit Valley Conservation                       |
|                 | Jennifer Taves           | Partners in Project Green                        |
|                 | Brad Butt                | Mississauga Board of Trade (Non-Voting Member)   |

|                |                           |   |
|----------------|---------------------------|---|
| Members Absent | Councillor George Carlson | Ward 11   |
|                | Pujita Verma              | Citizen Member                                  |
|                | Carina Suleiman           | UTM (University of Toronto Mississauga) Student |
|                | Andrea Rowe               | Greening Sacred Spaces (Non-Voting Member)      |
|                | Sid Gendron               | Sawmill Sid Inc. (Non-Voting Member)            |

### Staff Present

Dianne Zimmerman, Manager, Environment  
Lisa Urbani, Supervisor, Environment Initiatives  
Catherine Nguyen-Pham, Communications Coordinator  
Diana Suzuki-Bracewell, Supervisor, Environmental Outreach  
Samantha Dilorio, Environmental Assistant  
Jamie Ferguson, Manager, Parks Services  
Diane Gibson, Supervisor, Environmental Sustainability  
Paris Liu, Summer Student, Waste Management  
Sharleen Bayovo, Planner, Official Plan Review  
Amina Menkad, Planner, Official Plan Review  
Reanne Kassar, Committee Assistant  
Dayna Obaseki, Legislative Coordinator

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**1. CALL TO ORDER**

Councillor Mahoney, Chair called the meeting to order at 9:32AM.

**2. APPROVAL OF AGENDA**

Approved (M. Kramer)

**3. DECLARATION OF CONFLICT OF INTEREST - Nil.****4. MINUTES OF PREVIOUS MEETING****4.1 Environmental Action Committee DRAFT Minutes – June 1, 2021**

Approved (B. McKee)

**5. DEPUTATIONS****5.1 Mississauga Official Plan Review**

- *Sharleen Bayovo, Planner, Official Plan Review*
- *Amina Menkad, Planner, Official Plan Review*

Ms. Menkad presented and provided an overview on Mississauga's Official Plan Review. She noted the plan's vision, public engagement and the Green System. She further spoke to the key environment and climate change policy directions, which include continued value for the environment, climate mitigation and land use measures. The next steps are regional plan conformity and finalization in 2021/2022.

Members of Committee spoke to the matter and raised the following questions and concerns regarding gap analysis, tree canopy and urban forestry mapping as well as what are the driving factor(s) is regarding land use planning and the overall Official Plan review.

Ms. Menkad responded noting that green system does not map urban forestry due to the challenges of mapping private property and the accuracy due to the speed of development. Dianne Zimmerman, Manager of Environment and Jennifer Taves, Community Group Representative also noted that the City of Mississauga's Municipal Assets Initiative that maps tree canopy and further noted that TRCA's (Toronto Region Conservation Authority) Watershed Reporting Hub also maps watershed tree canopy.

To access the TRCA Wastershed Reporting Hub, please open the following link:

<https://storymaps.arcgis.com/collections/>

**RECOMMENDATION EAC-0020-2021**

Moved By B. Bass

That the deputation and associated presentation by Amina Menkad, Planner, Official Plan Review regarding the Mississauga Official Plan Review be received.

Received

## 5.2 Lead and Litter Impacting Waterfowl

- *Paris Liu, Summer Student, Waste Management*
- *Diane Gibson, Supervisor, Environmental Sustainability*

Ms. Liu and Ms. Gibson presented and provided an overview on lead and litter impacting waterfowl. They noted fishing lines, lead sinkers and seabin collection. They spoke to the fishing line collection containers and a recycling program as a solution. They provided a brief comparative analysis on lead versus non-lead sinkers and further noted purchase options as well as benchmarking. The next steps consist of a Litter Campaign, sponsorships for new initiatives and waste audits.

Members of Committee spoke to the matter and raised the following questions and concerns about seabin collection, lead-free tackle, no feeding waterfowl signage, educational social media campaign, problematic areas, budget and sponsorships, as well as store signage advising customers that bread-feeding waterfowl is dangerous.

Ms. Gibson and Jamie Ferguson, Manager of Park Services responded noting waste audits are being conducted, current signage may need to be revamped to heighten awareness and noted an upcoming litter campaign that will include an educational piece. They further responded noting resource allocation, pursuing funding sponsorships and the upcoming Silver Salmon Challenge that will be donating another seabin collection and providing lead free tackle samples.

Councillor Dasko requested for a list of local tackle shops that provide/sell alternative tackle to lead tackle, signage stating do not need feed the waterfowl and educational social media campaign.

**DIRECTION** to staff was given to provide Councillor Dasko a list of local tackle shops that sell an alternative to lead tackle.

**DIRECTION** to staff was given to collaborated with the Toronto Region Conservation Authority (TRCA), Credit Valley Conservation Authority (CVC) and Ministry of Natural Resources and Forestry as well as investigate the feasibility of educational social media campaign and signage in parks and stores and to report back to a future Environmental Action Committee meeting.

### RECOMMENDATION EAC-0021-2021

Moved By A. Casselman

That the deputation and associated presentation by Paris Liu, Summer Student, Waste Management and Diane Gibson, Supervisor, Environmental Sustainability regarding Litter Impacting Waterfowl be received.

Received

### 5.3 Climate Change Youth Challenge: Mission to Earth

- *Diana Suzuki-Bracewell, Supervisor, Environmental Outreach*
- *Samantha Dilorio, Environmental Outreach Assistant*

Ms. Dilorio and Suzuki-Bracewell presented and provided an overview on Climate Change Youth Engagement. They noted youth engagement as part of the engagement and partnership action pathway of the CCAP (Climate Change Action Plan). They further noted Mississauga's Youth Climate Challenge: Mission to Earth and the Youth Summit. The next steps include continuing working with youth partners, the Youth Challenge International and launching Project Neutral.

Brad Bass, Citizen Member requested that Youth Challenge contestants present to future Environmental Action Committee (EAC) meetings and Councillor Mahoney, Chair also noted having the presentations at General Committee (GC) meetings as well. Ms. Bracewell responded that she would follow up with the youth groups regarding the feasibility of future deputations to EAC and GC.

To access the student presentations, please open the following link:

<https://www.mississauga.ca/climate-change-youth-challenge/>

**DIRECTION** to staff investigate the feasibility of Youth Challenge contestants to present at future Environmental Action Committee and General Committee meetings.

**RECOMMENDATION** EAC-0022-2021

Moved By B. Bass

That the deputation and associated presentation by Samantha Dilorio, Environmental Outreach Assistant and Diana Suzuki-Bracewell, Supervisor, Environmental Outreach regarding the Climate Change Youth Challenge: Mission to Earth be received.

Received

### 5.4 Project Crossroads - Canadian Healthy Communities Initiative

- *Alice Casselman, Community Group Representative Environmental Action Committee Member*
- *Catherine Sople, Founder, Building Up Our Neighbourhoods*

Ms. Casselman and Ms. Sople presented and provided an overview on Association for Canada Educational Resources' Project Crossroads: Canada Healthy Communities Initiative. They noted the target areas, the funding infrastructure, low tree canopy areas and new digital products.

Brad Bass, Citizen Member noted that planting trees addresses a number of environmental and social aspects.

RECOMMENDATION EAC-0023-2021

Moved By L. Mallett

That the deputation and associated presentation by Alice Casselman, Community Group Representative Environmental Action Committee Member and Catherine Soplet, Founder, Building Up Our Neighbourhoods regarding the Project Crossroads - Canada Healthy Communities Initiative be received.

Received**6. PUBLIC QUESTION PERIOD - 15 Minute Limit**

No members of the public registered to speak.

**7. CONSENT AGENDA**

No items were approved under the Consent Agenda.

**8. MATTERS CONSIDERED****8.1 Environmental Action Committee (EAC) Work Plan**

Dayna Obaseki, Legislative Coordinator spoke to this matter advising the Committee Members that the previously approved memo reporting on the committee's progress and June's version of the Work Plan were sent to the Mayor and Members of Council via email on June 29, 2021.

RECOMMENDATION EAC-0024-2021

Moved By J. Taves

That the Environmental Action Committee Work Plan be approved as discussed at the July 6, 2021 EAC meeting.

Approved**9. INFORMATION ITEMS - Nil.****10. OTHER BUSINESS/ENQUIRIES - Nil.****11. DATE OF NEXT MEETING**

Tuesday, September 14, 2021 - 1:30pm, To Be Determined

**12. ADJOURNMENT**

11:03AM (A. Casselman)



# Public & Private Tree By-law Updates

EAC

Wayne Holder

September 14, 2021

# What is the Public Tree By-law?

- A by-law to prohibit and regulate the destruction and injuring of trees located on public property



## Background and Issues

- Public tree by-law 91-75 is out of date,
- Currently using Highway Traffic Act, Section 2(f)

### Increased tree damage

- Staff hours 2016: 920
- Staff hours 2017: 1148
- Staff hours 2018: 1680
- Staff hours 2019: 2811
- Staff hours 2020: 3115

# Why we need a Public By-law?





# Examples of what happens when trees are left unprotected



# Damage to trees left unprotected is extensive and often results in loss of



## Who does the Public By-law affect?

- Utility Groups
- Region of Peel
- Residents
- Internal Departments
- Developers

## Goals

- Protect and preserve trees on city property
- Update the public tree by-law

## Municipalities with public tree bylaws

- Toronto
- Montreal
- Calgary
- Ottawa
- North York
- Vancouver
- Scarborough
- Burlington
- Oakville
- Hamilton



## Highlights to the By-law:

- Update prohibited activities
- Create tree permit process
- Allow for tree securities
- Ensure tree replacements
- Allow stop work order to be issued
- Allow the ability to lay a charge
- Increased Fines

# Private Tree By-Law

- 2005
- Allowed for the removal of 4 trees over 15cm (6inches) per calendar year without a permit
- Updated in 2012
- Allows for the removal of 2 trees over 15cm (6inches) per calendar year without a permit
- Replacement tree model

## Next Steps

- Public engagement webpage with FAQ and survey for Public and Private Trees
- Ongoing public meetings
- Present updated Public and Private Tree By-laws to Council in Fall of 2021 for approval

# Questions?





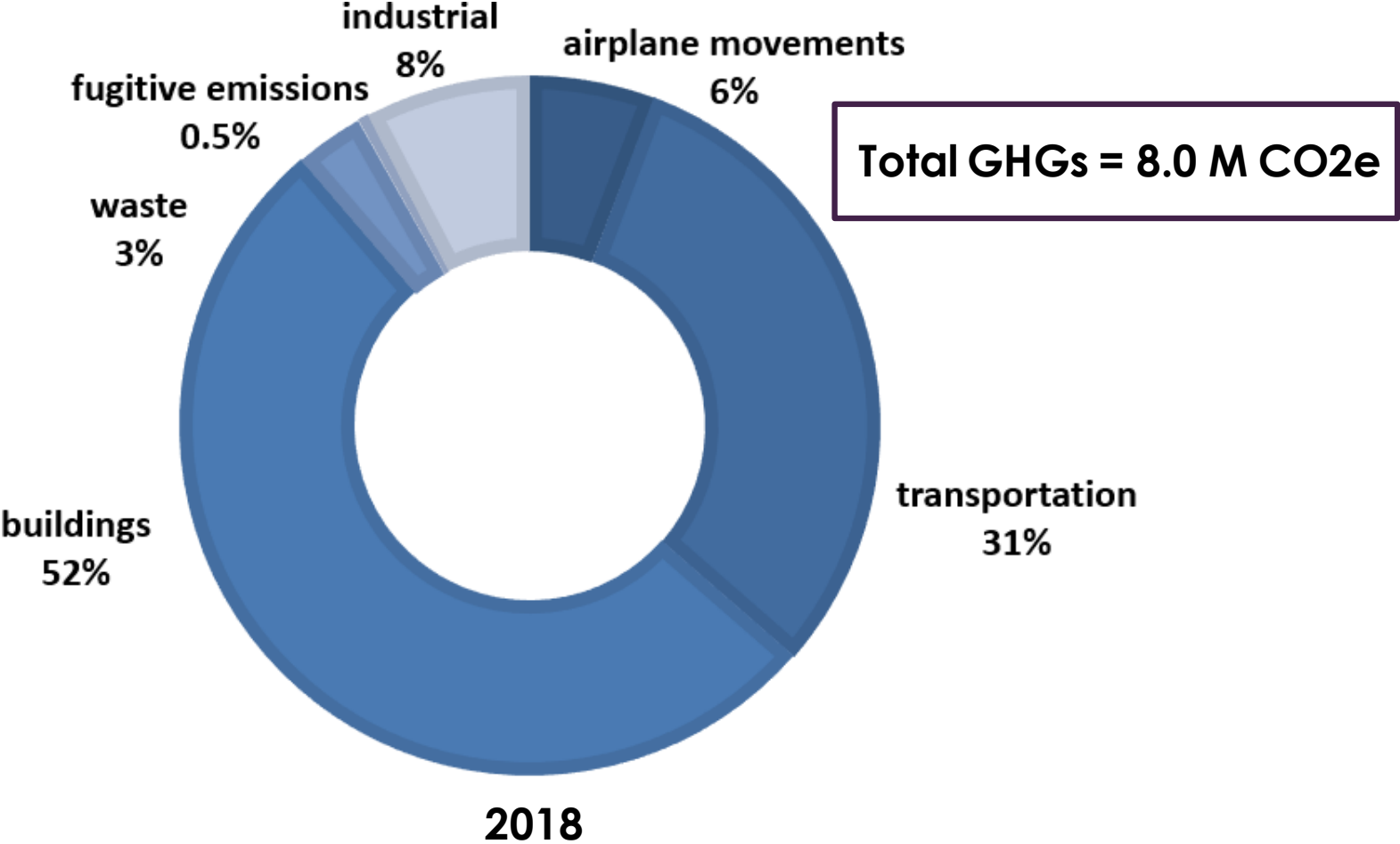
**CLIMATE  
CHANGE**

# **HOME ENERGY RETROFITS PROGRAM UPDATE**

Environmental Action Committee  
September 14, 2021

# WHY HOME RETROFITS?

# GHG EMISSIONS ARE INCREASING





# IN MISSISSAUGA TODAY... BUILDINGS

Homes in Mississauga cover 31% of built space, are large, and consume a lot of energy



Average Energy Use Intensity

0.7 GJ/m<sup>2</sup>

Non-residential buildings in Mississauga use 3 times less energy than the average building in ON



Average Energy Use Intensity

0.4 GJ/m<sup>2</sup>



# **BACKGROUND RESEARCH**

# WORK WITH LIGHTSPARK

- Worked with Lightspark to identify where most opportunity to reduce GHGs
- Identified 12 different housing types. Examples include:
  - **Archetype A:** medium floor area, natural gas heated with high efficiency furnaces
  - **Archetype B:** small floor area, electricity for heating and hot water
  - **Archetype F:** extremely large floor area, natural gas heated with medium efficiency furnaces



# LIGHTSPARK: FINDINGS

- Identified archetypes where could get some “quick wins” in GHG reductions:

| Archetype | Upgrade   |
|-----------|---|
| C         | Wood stove to Heat Pump                                       |
| D         | Oil furnace to Heat Pump                                      |
| E         | Low efficiency gas furnace to Heat Pump + sealing air leakage |
| G         | Low efficiency gas furnace to Heat Pump + sealing air leakage |
| I         | Sealing air leakage   |
| J         | Propane furnace to Heat Pump                                  |
| K         | Oil furnace to Heat Pump                                      |

# LIGHTSPARK: FINDINGS

Potential tCO<sub>2</sub>e Reduced

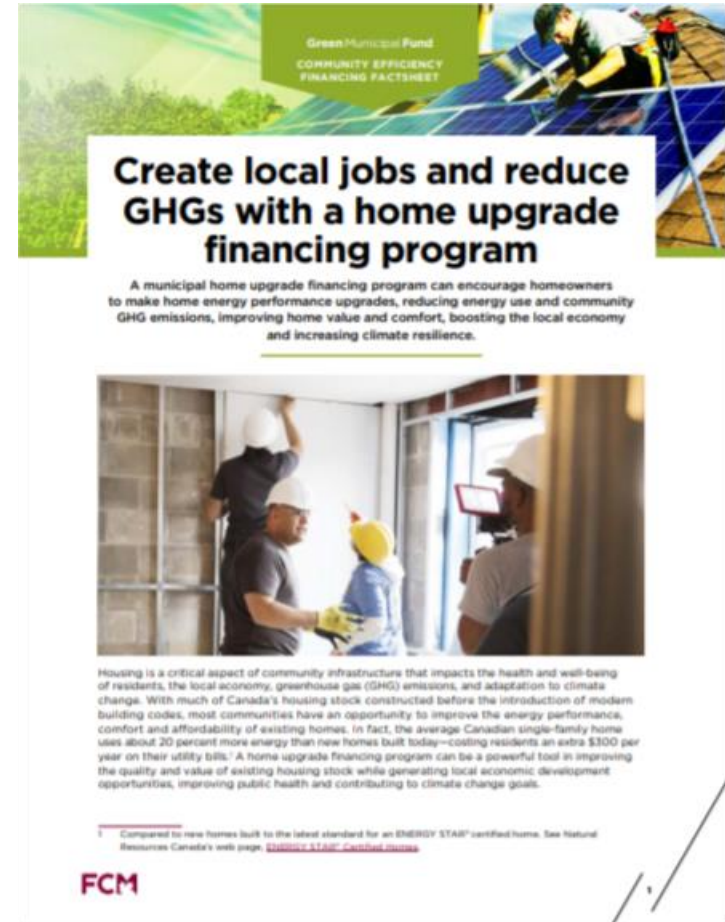
23.6%

When the upgrades are made, the city's GHG footprint would be **reduced** **by 133,220 tCO<sub>2</sub>e** (of a total of 563,172 tCO<sub>2</sub>e across the City)

# FUNDING A HOME RETROFITS PROGRAM

# A HOME RETROFIT PROGRAM


- Mississauga, with Brampton and Caledon, submitted a funding application to the Federation of Canadian Municipalities (FCM) for a **home retrofits design study**
- FCM notified us that our application was successful!



Green Municipal Fund  
COMMUNITY EFFICIENCY  
FINANCING FACTSHEET

## Create local jobs and reduce GHGs with a home upgrade financing program

A municipal home upgrade financing program can encourage homeowners to make home energy performance upgrades, reducing energy use and community GHG emissions, improving home value and comfort, boosting the local economy and increasing climate resilience.



Housing is a critical aspect of community infrastructure that impacts the health and well-being of residents, the local economy, greenhouse gas (GHG) emissions, and adaptation to climate change. With much of Canada's housing stock constructed before the introduction of modern building codes, most communities have an opportunity to improve the energy performance, comfort and affordability of existing homes. In fact, the average Canadian single-family home uses about 20 percent more energy than new homes built today—costing residents an extra \$300 per year on their utility bills.<sup>1</sup> A home upgrade financing program can be a powerful tool in improving the quality and value of existing housing stock while generating local economic development opportunities, improving public health and contributing to climate change goals.

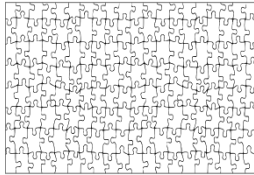
<sup>1</sup> Compared to new homes built to the latest standard for an ENERGY STAR<sup>®</sup> certified home. See Natural Resources Canada's web page: [ENERGY STAR Certified Homes](#)

**FCM**

# DESIGN OBJECTIVES



**Design home retrofits program to significantly reduce GHGs from single family homes**



**Determine key program features (e.g., Region-wide, third-party delivery)**



**Build understanding & support among internal and external stakeholders, including the public**

# MILESTONES

Q2-Q4 2021

Q1 2022

Q1 2022

Q3 2022

Q2 2023

Q2 2023

## Milestone 1

Program Foundation

## Milestone 2

Background Research

## Milestone 3

Determine Opportunities

## Milestone 4

Draft Program Design

## Milestone 5

Final Program Design

## Milestone 6

Market Program



### LEGEND



Council, LT consultation



Advisory group consultation



Public consultation



**QUESTIONS?**

# THANK YOU!

## MISSISSAUGA IS TAKING ACTION ON CLIMATE CHANGE

### climate change is real.



### we have a plan.

REDUCE EMISSIONS  
80% BY 2050



BUILD RESILIENCE TO CLIMATE EVENTS



### everybody has a role to play.



The Climate Change Action Plan is built around a central vision that Mississauga will be a low carbon and resilient community, with the long-term goal of becoming a net-zero community. It focuses on mitigation and adaptation - with 21 key actions delivered over 10 years.

[THECLIMATECHANGEPROJECT.CA](http://THECLIMATECHANGEPROJECT.CA)



the  
**CLIMATE CHANGE**  
project

  
MISSISSAUGA

# 2019-2022 Environmental Action Committee Work Plan

| WORK PLAN ITEM               | ACTION FOR EAC MEMBERS  | TIMING         | PROGRESS<br><i>Action Taken or Date Completed</i>  |
|------------------------------|---|----------------|--|
| <p><b>Climate Change</b></p> | <p>Support approval and implementation of the Climate Change Action Plan.</p> | <p>Ongoing</p> | <p><b>May 29, 2019</b></p> <p>At the May 29, 2019, General Committee meeting, students from Camilla Road Senior Public School requested the City of Mississauga declare climate change an emergency. The following recommendation was issued;</p> <p><i>That a motion provided by the students of Camilla Road Senior Public School regarding the City of Mississauga declaring climate change an emergency be referred to the Environmental Action Committee for further consideration. <b>GC-0306-2019</b></i></p>   |
|                              |   |                | <p><b>June 11, 2019</b></p> <p>Referred from the May 29, 2019 GC meeting, the Eco Team Students from Camilla Road Senior Public School provided an overview on the crisis surrounding climate change and requested that the City of Mississauga declare a Climate Emergency at the June 11, 2019 EAC meeting. The following recommendation was issued;</p> <p><i>That the Environmental Action Committee supports Camilla Road Sr. Public School Eco Team's position that the City of Mississauga will declare a Climate Emergency and create an action plan to help achieve net zero emissions and increased renewable energy by 2050. <b>EAC-0016-2019</b></i></p>   |
|                              |   |                | <p><b>June 19, 2019</b></p> <p>At the June 19, 2019 Council, the following EAC-0016-2019 recommendation was amended and approved as;</p> <p><i>Climate change is a real and urgent crisis, driven by human activity, that impacts the environment, biodiversity, human health and the economy.</i></p> <p><i>The City of Mississauga is committed to taking action on climate change, therefore the City of Mississauga declares a climate emergency and direct staff to develop and bring forward a climate change action plan to Council for approval by the end of 2019.</i></p> <p><i>That the students of Camilla Road Senior P.S. be thanked for their initiative on this matter.</i></p> <p style="text-align: right;"><b>0149-2019</b></p> |
|                              |   |                | <p><b>July 9/2019</b></p> <p>Deep dive discussion surrounding the Climate Change Action Plan with the EAC Members gaining insightful comments and feedback for consideration during the finalization of the overall plan.</p>  |
|                              |   |                | <p><b>July 25/2019</b></p> <p>The Climate Change Stakeholder Panel workshop was held, where several EAC Members participated. Comments received at this workshop were incorporated in the draft Climate Change Action Plan (CCAP). The updated CCAP will go to Council at the September 18th meeting for information. If public consultation for this draft CCAP is approved by Council at this meeting, public consultations will run from Mid-September to October.</p>  |

# 2019-2022 Environmental Action Committee Work Plan

|                       |  |         |                      |   |
|-----------------------|--|---------|----------------------|---|
| <b>Climate Change</b> | Support approval and implementation of the Climate Change Action Plan. | Ongoing | <b>Sept. 9/2019</b>  | The Corporate Green Building Standard for New Construction and Major Renovations Building Projects takes into account the Climate Change Action Plan to reach 80% GHG Reduction by 2050.  |
|                       |  |         | <b>Sept. 19/2019</b> | An email was sent to EAC Members to share public consultation opportunities (e.g., open houses, survey) for the draft Climate Change Action Plan. Consultation opportunities available between September 18, 2019 and October 18, 2019.   |
|                       |  |         | <b>Nov. 12/2019</b>  | At the November 12, 2019 EAC meeting – A deputation and memo related to the final draft version of the Climate Change Action Plan were presented to the EAC Members and the Committee approved the following recommendation;<br><br><i>That the Environmental Action Committee are in support of the Climate Change Action Plan and bringing it to General Committee on December 4, 2019 for endorsement. <b>EAC-0041-2019</b></i>  |
|                       |  |         | <b>Dec. 4/2019</b>   | At the December 4, 2019 General Committee meeting – The Climate Change Action Plan was unanimously supported and approved by the Members of Council.<br><br><i>That the Climate Change Action Plan (CCAP), and its supporting vision, goals, and actions, attached as Appendix 1 to the Corporate Report dated November 22, 2019 entitled “Climate Change Action Plan” from the Commissioner of Community Services be approved, subject to the City of Mississauga’s annual budget process. <b>GC-0650-2019</b></i>   |
|                       |  |         | <b>Sept. 15/2020</b> | City staff presented to EAC on the Climate Change Online Public Education and Engagement Tools.   |
|                       |  |         | <b>Nov. 3/2020</b>   | At the November 3, 2020 EAC meeting – A deputation from Clean Air Partnership and a staff memo regarding Inter-Governmental Declaration on Clean Air and Climate Change for Clean Air Council were presented to the EAC Members and the Committee approved the following recommendation;<br><br><i>2. That the Environmental Action Committee are in support of Clean Air Council’s 2019-2023 Intergovernmental Declaration on Clean and Climate Change and recommend endorsement from General Committee on November 18, 2020. <b>EAC-0022-2020</b></i>   |
|                       |  |         | <b>Dec. 8/2020</b>   | At the December 8, 2020 EAC meeting – A deputation from Clean Air Alliance and an associated memo requesting the City to draft a letter to the Province supporting the initiative to Phase-Out Ontario’s Gas-Fire Power Plants by 2030 was presented to the EAC Members and the Committee approved the following recommendation;<br><br><i>3. That staff further investigate Clean Air Alliance’s request to phase-out all gas-fired electricity generation and to benchmark with other municipalities on endorsement and to report back to the Environmental Action Committee prior to General Committee. <b>EAC-0032-2020</b></i> |

# 2019-2022 Environmental Action Committee Work Plan

|                       |  |             |                      |   |
|-----------------------|--|-------------|----------------------|---|
| <b>Climate Change</b> | Support approval and implementation of the Climate Change Action Plan.                                 | Ongoing     | <b>Feb. 2/2021</b>   | At the February 2, 2021 EAC meeting – staff provided an update based on a directive from the December 8, 2020 EAC meeting regarding the initiative to Phase-Out Ontario’s Gas-Fire Power Plants by 2030. The Committee approved the following recommendation;<br><br><i>That the Environmental Action Committee support in principal Phasing-Out Ontario’s Gas-Fired Electricity Power Generation and recommends that Jack Gibbons, Chair, Ontario Clean Air Alliance present this initiative for further discussion at an upcoming General Committee meeting. <b>EAC-0002-2021</b></i>   |
|                       |  |             | <b>Feb. 24/2021</b>  | At the February 24, 2021 General Committee meeting, Clean Air Alliance made a deputation regarding the Phase-Out Ontario’s Gas-Fired Electricity Power Generation in conjunction with a staff corporate report.   |
|                       |  |             | <b>Mar. 3/2021</b>   | At the March 3, 2021 Council meeting, Council approved the motion brought forward by the Chair of EAC regarding the City’s request to the Province to place an interim cap per year on the GHG emission from gas-fired power plants and to develop and implement a plan to phase-out all gas-fired electricity generation by 2030. Refer to <b>Resolution 0042-2021</b> .   |
|                       |  |             | <b>July 6/2021</b>   | A deputation regarding the Climate Change Youth Challenge: Mission to Earth was presented to EAC. <i>Direction to staff outlined under <u>Next Steps</u>.</i>   |
| <b>VOLUNTEERING</b>   | Participate in volunteering opportunities as members of the Community Green Leaders volunteer program. | Spring 2020 | <b>Sept. 26/2019</b> | Opportunities for EAC Members to participate in the program will be brought to the Committee in spring 2020   |
|                       |  | Ongoing     | <b>Oct. 8/2019</b>   | Adopt-a-Park deputation and discussion around the Members of EAC participating in a litter pick-up at a local park. Pujita Verma, EAC Citizen Member will be coordinating the details of the next volunteer event (date to be determined).  |
|                       |  |             | <b>Mar. 3/2020</b>   | Pujita Verma, EAC Citizen Member coordinated the details of Adopt-A-Park Clean Up for the Members of the Committee. The Committee decided on the following;<br><br>2. <i>That the Environmental Action Committee selected the proposed dates of April 18, August 22, and October 17, 2020 at 10:00AM to participate in the Adopt-A-Park Clean-Up Program.</i><br>a. <i>That the April 18, 2020 Adopt-A-Park Clean Up be located at the R.K. McMillan Park along the banks of the Cooksville Creek from Lakeshore Road to Lake Ontario.</i><br>b. <i>That the locations of the August 22 and October 17, 2020 proposed Adopt-A-Park Clean-up dates be determined at a future date. <b>EAC-0009-2020</b></i><br><br>Due to the COVID-19 Pandemic – the April and August dates for the Adopt-A-Park Clean Ups have been postponed. |
|                       |  |             | <b>Aug. 14/2020</b>  | City staff have developed COVID protocols for safely reengaging volunteers and on August 14, 2020 conducted a trail litter clean up at R.K. McMillan Park with the Environment staff to test these protocols. Based on this, a date to conduct a litter clean-up with EAC Members will be discussed on September 15, 2020 EAC Meeting.  |

# 2019-2022 Environmental Action Committee Work Plan

|   |   |                 |                      |   |
|---|---|-----------------|----------------------|---|
| <b>VOLUNTEERING</b>                       | Participate in volunteering opportunities as members of the Community Green Leaders volunteer program.                    | Ongoing         | <b>Oct. 6/2020</b>   | Pujita Verma, EAC Citizen Member provided an update to EAC on the Committee's upcoming October Litter Clean Up and new health and safety protocols surrounding COVID-19. An email was sent post meeting outlining the volunteer participation; Saturday, October 17, 2020 from 10AM to 12PM at R.K. McMillian Park. |
|   |   |                 | <b>Oct. 17/2020</b>  | EAC Members participated in Litter Clean Up at R.K. McMillian Park. Several EAC members participated in the clean-up and a total of 10 kg of waste was collected. Littered items mainly included coffee cups, balloons, confetti, beer bottles.   |
| <b>Support City Action on Environment</b> | Be prepared to comment on City-led items brought forward to EAC meetings. (E.g., strategic plans, by-laws).               | At EAC meetings | <b>Sept. 9/2019</b>  | The Corporate Green Building Standard for New Construction and Major Renovations Building Projects was presented to EAC and recommended by the Members of Environmental Action Committee to General Committee for endorsement.  |
|   |   |                 | <b>Sept. 9/2019</b>  | The Downtown Strategy was presented at EAC, where the Members provided comments and feedback. An email was sent post meeting asking for participation from the EAC Members to fill out the survey to provide more insightful feedback.  |
|   |   |                 | <b>Nov. 12/2019</b>  | The Stormwater Master Plan was presented at EAC, where the Members provided comments and feedback.  |
|   |   |                 | <b>July 7/2020</b>   | An email was sent to EAC Members requesting feedback on the Stormwater Master Plan.   |
|   |   |                 | <b>Sept. 15/2020</b> | City staff presented to EAC an Update on District Energy in the City of Mississauga.  |
|   |   |                 | <b>Oct. 6/2020</b>   | A deputation regarding the Pedestrian Master Plan was presented at EAC, where the Members provided comments and feedback.   |
|   |   |                 | <b>Oct. 6/2020</b>   | A deputation regarding the Green Fleet and Equipment Policy was presented at EAC, where the members provided comments and feedback.   |
|   |   |                 | <b>Oct. 6/2020</b>   | City staff presented to EAC on the Home Energy Retrofit Program.  |
|   |   |                 | <b>Nov. 3/2020</b>   | A deputation regarding Energy Efficiency in Buildings and Low Carbon Energy Supply was presented at EAC, where the Members provided comments and feedback.  |
|   |   |                 | <b>Nov. 3/2020</b>   | A deputation regarding Parkland Acquisition was presented at EAC, where the Members provided comments and feedback.   |
| <b>Nov. 3/2020</b>                        | A deputation regarding the Downtown Movement Plan was presented at EAC, where the Members provided comments and feedback. |                 |                      |   |

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| <p><b>Support City Action on Environment</b></p> | <p>Be prepared to comment on City-led items brought forward to EAC meetings. (E.g., strategic plans, by-laws).</p> | <p>At EAC meetings</p> | <p><b>Nov. 3/2020</b></p>  | <p>At the November 3, 2020 EAC Meeting – the Committee approved the following recommendation;<br/><i>That the draft Green Fleet and Equipment Policy, attached as Appendix 1, the Decision Making Framework and Electric Vehicle Charging Station Standard, attached as Appendix 2 and 3 be supported by the Environmental Action Committee and recommend endorsement by General Committee. EAC-0027-2020</i></p> <p>Subsequently, at the November 25, 2020 General Committee meeting, Council adopted the Green Fleet and Equipment Policy and Electric Vehicle Charging Station Standard as per Recommendation <b>GC-0317-2020</b></p> |
|  |  |                        | <p><b>Dec. 8/2020</b></p>  | <p>A deputation regarding the Electric Grass Cutting Equipment Pilot Project was presented at EAC, where the Members provided comments and feedback.</p>   |
|  |  |                        | <p><b>Dec. 8/2020</b></p>  | <p>A deputation regarding the Sustainable Procurement Policy was presented at EAC, where the Members provided comments and feedback.</p>   |
|  |  |                        | <p><b>Feb. 2 /2021</b></p> | <p>The Stormwater Master Plan and project scope was presented at EAC, where the Members provided comments and feedback.</p>  |
|  |  |                        | <p><b>Feb. 24/2021</b></p> | <p>At the February 24, 2021 Special Council Meeting, Members of Council brought forward a motion opposing the construction pertaining to the GTA West highway 413. Refer to <b>Resolution 0033-2021</b>.</p>   |
|  |  |                        | <p><b>Mar. 2/2021</b></p>  | <p>At the March 2, 2021 EAC Meeting, the Committee approved the following recommendation;<br/><i>That the Environmental Action Committee is in full support of Council's opposition to the proposed highway 413. EAC-0007-2021</i></p>   |
|  |  |                        | <p><b>Mar. 2/2021</b></p>  | <p>A deputation regarding the upcoming 2021 Earth Days events was presented at EAC.</p>  |
|  |  |                        | <p><b>Mar. 2/2021</b></p>  | <p>A deputation regarding the Dog Waste In-Ground Containers Results were presented at EAC.</p>  |
|  |  |                        | <p><b>Apr. 6/2021</b></p>  | <p>A deputation regarding the Urban Agriculture Strategy was presented to EAC, where the Members could provide feedback.</p>   |
|  |  |                        | <p><b>Apr. 6/2021</b></p>  | <p>A follow-up deputation providing an update on the 2021 Earth Days events was presented to EAC.</p>  |
|  |  |                        | <p><b>June 1/2021</b></p>  | <p>A deputation and associated corporate memo regarding the Stormwater Master Plan and the Plan's Draft Actions, were presented to EAC, where Members provided brief comments and both items were received for information.</p>  |
|  |  |                        | <p><b>June 1/2021</b></p>  | <p>A deputation regarding the 5 Year Energy Conservation Plan – 2020 Annual Report was presented at EAC, where the Members were provided an opportunity to provide comment and feedback.</p>   |

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|  |   |                       | <p><b>June 1/2021</b></p> <p>A deputation regarding We Are Resilient; an environmental initiative in conjunction with Museums of Mississauga was presented to EAC, where the Members were provided an opportunity to provide comment and feedback.</p>   |
|  |   |                       | <p><b>July 6/2021</b></p> <p>A deputation regarding the Mississauga Official Plan Review was presented to EAC, where the Members were provided an opportunity to provide comment and feedback.</p>   |
| <p><b>Report on Committee Progress</b></p> | <p>Report to General Committee bi-annually on the progress of the EAC’s work plan and activities.<br/>(Includes the EAC Actions Summary as an appendix)</p> | <p>Twice per year</p> | <p><b>Mar. 3/2020</b></p> <p>At the March 3, 2020 EAC Meeting – the Committee approved the following recommendation;</p> <ol style="list-style-type: none"> <li>1. That Carina Suleiman and Shazerah Qureshi, Environmental Action Committee Student Members have been selected to present on the Committee’s Progress and Achievements outlined in the Environmental Action Committee Work Plan to Members of Council at the June 10, 2020 General Committee.</li> <li>2. That the Environmental Action Committee Work Plan be approved as discussed at the March 3, 2020 Environmental Action Committee meeting. <b>EAC-0010-2020</b></li> </ol> |
|  |   |                       | <p><b>July 22/2020</b></p> <p>At the July 22, 2020 Virtual Council Meeting - Carina Suleiman and Shazerah Qureshi, Environmental Action Committee Student members presented (deputation) the Committee’s Progress and Achievements based on the Environmental Action Committee Work Plan.</p>  |
|  |   |                       | <p><b>Dec. 8/2020</b></p> <p>Due to the COVID-19 Pandemic, this year (2020) the Committee will forego the second deputation to report on the Committee’s progress outlined in the EAC Work Plan.</p>   |
|  |   |                       | <p><b>Apr. 6/2021</b></p> <p>The Members decided to report on the Committee’s progress outlined in the EAC Work Plan via email to the Members of Council and nominated Alice Casselman, Community Group Representative to be the presenter at a future deputation. The Committee approved the following recommendation;</p> <ol style="list-style-type: none"> <li>1. That staff prepare a memo with the Environmental Action Committee Work Plan attached to be emailed to the Members of Council by the end of June 2021 to Report on the Committee’s Progress. <b>EAC-0013-2021</b></li> </ol>  |
|  |   |                       | <p><b>June 1/2021</b></p> <p>The EAC Members approved the memo on the Committee’s progress included in the June 1, 2021 EAC agenda package, which noted the June version of EAC’s Work Plan to be sent via email to the Mayor and Members of Council.</p>  |
| <p><b>Additional/Other</b></p>             |   |                       | <p><b>Nov. 12/2019</b></p> <p>At the November 12, 2019 EAC meeting – the Committee supported going paperless and approved the following recommendation;</p> <p><i>That the Legislative Coordinator for the Environmental Action Committee (EAC) eliminates the distribution of paper copies of the agenda and will only provide electronic copies of the agendas for all EAC meetings starting December 10, 2019. <b>EAC-0042-2019</b></i></p>   |
|  |   |                       | <p><b>Feb. 4/2020</b></p> <p>Two external deputations; one from local residents and another from FLAP (Fatal Light Awareness Program) Canada presented on the decline of birds as result of unfriendly bird glazing. <i>Direction to staff outlined under <u>Next Steps</u>.</i></p>   |



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| Additional/Other |   |         | Oct. 6/2020 | The Citizen Satisfaction Survey was presented at EAC. Members provide comments and feedback pertaining to expanding the Environmental section to include a question on Climate Change.  |
|                  |   |         | Oct. 6/2020 | A verbal update on the Smart City Challenge was provided at EAC. If interested, Members can be invited to attend the industry presentations and the closing awards session.   |
|                  |   |         | Dec. 8/2020 | A secondary student presented to the Committee on Marker Recycling. Staff will work with the student offline to create a potential pilot project to place cardboard bins for markers to be recycled in City owned libraries and recreational facilities.  |
|                  |   |         | Dec. 8/2020 | A deputation from Alice Casselman, EAC Member and Founding President of Association for Canadian Educational Resources, and Catherine Soplet, Founder, Building Up Our Neighbourhoods, regarding the draft proposal on an initiative called Project Crossroads was presented to the EAC Members and the Committee approved the following recommendation;<br><br>2. That the Environmental Action Committee are in support in principal of Association for Canadian Educational Resources Project Crossroads Initiative. <b>EAC-0033-2020</b><br><br><i>Direction to staff outlined under <u>Next Steps</u>.</i> |
|                  |   |         | Apr. 6/2021 | Ontario Trumpeter Swan Restoration presented to the Committee on Port Credit Waterfront Pollution and the effects on Waterfowl. <i>Direction to staff outlined under <u>Next Steps</u>.</i>   |
|                  |   |         | Apr. 6/2021 | Blooming Boulevards presented to the Committee on services provided by Blooming Boulevards and requested a Municipal Community Greenhouse. <i>Direction to staff outlined under <u>Next Steps</u>.</i>  |
|                  |   |         | Apr. 6/2021 | Climate Community Council presented to EAC on services provided by Climate Community Council.   |
|                  |   |         | Apr. 6/2021 | A deputation regarding the Urban Agriculture Strategy was presented EAC. <i>Direction to staff outlined under <u>Next Steps</u>.</i>  |
|                  |   |         | July 6/2021 | Environment Staff presented to EAC on the Lead and Litter Impact on Waterfowl as per previous direction from the April 6, 2021 meeting. <i>Direction to staff outlined under <u>Next Steps</u>.</i>   |
| July 6/2021      | A deputation from Alice Casselman, EAC Member and Founding President of Association for Canadian Educational Resources, and Catherine Soplet, Founder, Building Up Our Neighbourhoods regarding the Project Crossroads: Canada Healthy Communities Initiative was presented to EAC for information. |         |             |   |
| Next Steps       | Upcoming suggested environmental actions and initiatives to be implemented.   | Ongoing | Feb. 4/2020 | At the February 4, 2020 EAC Meeting – Two external deputations presented on the decline of birds as result of unfriendly bird glazing. The Committee requested that staff contact FLAP (Fatal Light Awareness Program) Canada to gather birds of prey statistics and report back to EAC. The Committee approved the following recommendation;   |

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| <p><b>Next Steps</b></p> | <p>Upcoming suggested environmental actions and initiatives to be implemented.</p> |  | <p>2. That staff be directed to report back to a future Environmental Action Committee meeting to investigate the feasibility of becoming a Bird City.<br/><b>STATUS:</b> In Progress - Staff were in contact with Nature Canada and the certification process was, at the time, being revamped.</p> <p>3. That Animal Services staff be requested to provide a list of programs and services related to injured animals and wildlife rehabilitation to be circulated to the Environmental Action Committee and Members of Council.<br/><b>EAC-0002-2020</b><br/><b>STATUS:</b> In Progress</p> |  |
|                          |  |  | <p><b>Dec. 8/2020</b></p>   | <p>At the December 8, 2020 EAC meeting – A deputation from EAC Member and Building Up Our Neighbourhood presented the draft proposal on the Project Crossroads initiative was presented to the EAC Members. <b>DIRECTION</b> to staff to work offline with Association for Canadian Educational Resources (ACER) to explore the potential of expanding the One Million Trees Program to include the School Board District and potentially creating a working committee with staff that focuses on climate change, equity and inclusion.</p> <p><b>STATUS:</b> Ongoing - Forestry staff continue to identify land opportunities to plant trees and shrubs to meet its One Million Tree target, including interacting with school boards. City staff continue to engage with ACER.</p> |
|                          |  |  | <p><b>Apr. 6/2021</b></p>   | <p>At the April 6, 2021 EAC Meeting – A deputation from the Ontario Trumpeter Swan Restoration presented to the Committee on Port Credit Waterfront Pollution and the effects on Waterfowl. <b>DIRECTION:</b> The Committee requested that staff report back to EAC on the effects of lead on waterfowl.</p> <p><b>STATUS:</b> <u>COMPLETE</u> - Staff reported back to EAC on July 6<sup>th</sup> with the results of their research and identified next steps.</p>   |
|                          |  |  | <p><b>Apr. 6/2021</b></p>   | <p>At the April 6, 2021 EAC Meeting – A deputation from Blooming Boulevards presented to the Committee on services provided by Blooming Boulevards and requested a Municipal Community Greenhouse. The Committee approved the following recommendation;</p> <p>2. That the Environment Staff schedule a meeting with Jeanne McRight, President, Blooming Boulevards to further explore the feasibility regarding the request to create a Municipal Greenhouse. <b>EAC-0009-2021</b></p> <p><b>STATUS:</b> In Progress - Staff met with Booming Boulevards to determine needs. Staff continue to investigate potential opportunities.</p>   |
|                          |  |  | <p><b>Apr. 6/2021</b></p>   | <p>At the April 6, 2021 EAC Meeting - A deputation regarding the Urban Agriculture Strategy was presented to the Committee. <b>DIRECTION</b> to staff was given to set up an offline meeting with Britt McKee, Community Group Representative (Ecosource), Lea-Ann Mallet, Citizen Member and any other organizational partners to discuss the application of the Urban Agriculture Strategy.</p> <p><b>STATUS:</b> Ongoing - Staff sent follow-up emails requesting a meeting. Ongoing conversations with Ecosource continue as the Urban Agriculture Strategy continues to be developed.</p>   |

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| <b>Next Steps</b> | Upcoming suggested environmental actions and initiatives to be implemented. | <i>July 6/2021</i> | <p>At the July 6, 2021 EAC Meeting – Environment Staff presented to EAC on the Lead and Litter Impact on Waterfowl as per previous direction at the April 6, 2021 meeting. <b>DIRECTION</b> to staff was given to provide Councillor Dasko a list of local tackle shops that sell an alternative to lead tackle and to collaborated with the TRCA, CVC and Ministry of Natural Resources and Forestry as well as investigate the feasibility of educational social media campaign and signage in parks and stores and to report back to a future EAC meeting.</p> <p><b>STATUS:</b> <i>In Progress</i></p> |
|                   |   | <i>July 6/2021</i> | <p>At the July 6, 2021 EAC Meeting - A deputation on the Climate Change Youth Challenge: Mission to Earth was presented to EAC. <b>DIRECTION</b> to staff investigate the feasibility of Youth Challenge contestants to present at future Environmental Action Committee and General Committee meetings.</p> <p><b>STATUS:</b> <i>In Progress</i></p>  |