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## Environmental Action Committee

**Date:** February 4, 2020  
**Time:** 9:30 AM  
**Location:** Hearing Room  
Civic Centre, 2nd Floor  
300 City Centre Drive, Mississauga, Ontario, L5B 3C1

### 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
Shazerah Queshi	Peel Environmental Youth Alliance Student
Carina Suleiman	UTM Student
Alice Casselman	Association for Canadian Educational Resources
Melanie Kramer	Credit Valley Conservation
Britt McKee	Ecosource
Joel Longland	Partners in Project Green

### Non-Voting Members

Andrea Rowe	Greening Sacred Spaces
Brad Butt	Mississauga Board of Trade
Sid Gendron	Sawmill Sid Inc.

### Contact

Dayna Obaseki, Legislative Coordinator, Legislative Services  
905-615-3200 ext. 5425  
Email [dayna.obaseki@mississauga.ca](mailto:dayna.obaseki@mississauga.ca)

1. **CALL TO ORDER**

2. **APPROVAL OF AGENDA**

3. **DECLARATION OF CONFLICT OF INTEREST**

4. **MINUTES OF PREVIOUS MEETING**

4.1 DRAFT Environmental Action Committee Minutes – December 10, 2019

5. **DEPUTATIONS**

5.1 Susan and David Aiken, Residents to speak on Make Mississauga a Bird City

5.2 Michael Measure, Executive Director, FLAP (Fatal Light Awareness Program) Canada to present on Enhancing Bird Friendly Glazing

5.3 Christopher Pyke, Supervisor, Waste Management to present on Dog Waste Capture Initiative

5.4 Diana Suzuki-Bracewell, Supervisor, Environmental Outreach to present on the 2020 Climate Change Program Engagement and Outreach Plans

6. **PUBLIC QUESTION PERIOD - 15 Minute Limit (5 Minutes per Speaker)**

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. The question must pertain to a specific item on the current agenda and the speaker will state which item the question is related to.
2. A person asking a question shall limit any background explanation to two (2) statements, followed by the question.
3. The total speaking time shall be five (5) minutes maximum, per speaker.

7. **MATTERS TO BE CONSIDERED**

7.1 Environmental Action Committee Work Plan

8. **INFORMATION ITEMS**

9. **OTHER BUSINESS**

10. **ENQUIRIES**

11. **DATE OF NEXT MEETING**

Tuesday, March 3, 2020 at 9:30am  
Committee Room A, Civic Centre  
300 City Centre Drive  
Mississauga, ON L5B 3C1

12. **ADJOURNMENT**

# City of Mississauga

## Minutes



### Environmental Action Committee

#### Date

2019/12/10

#### Time

9:30 AM

#### Location

Civic Centre, Committee Room A - Second Floor,  
300 Civic Centre Drive, Mississauga, Ontario, L5B 3C1

#### Members Present

Matt Mahoney	Councillor - Ward 8 (Chair)
Stephen Dasko	Councillor - Ward 1 (Vice-Chair)
George Carlson	Councillor - Ward 11
Brad Bass	Citizen Member
Chelsea Dalton	Citizen Member
Lea Ann Mallett	Citizen Member
Pujita Verma	Citizen Member
Shazerah Qureshi	Peel Environmental Youth Alliance
Alice Casselman	Association for Canadian Educational Resources
Britt McKee	Ecosource
Melanie Kramer	Credit Valley Conservation
Joel Longland	Partners in Project Green

#### Non-Voting Members

Brad Butt	Mississauga Board of Trade
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#### Members Absent

Carina Suleiman	University of Toronto Mississauga
Teresa Ierullo	Greening Sacred Spaces
Sid Gendron	Sawmill Sid Inc.

#### Staff Present

Dianne Zimmerman, Manager, Environment  
 Lisa Urbani, Environment Research Assistant, Environment  
 Dayna Obaseki, Legislative Coordinator, Legislative Services  
 Diana Suzuki-Bracewell, Supervisor, Environmental Outreach  
 Heliya Babazadeh, Outreach Coordinator, Environmental Outreach  
 Christopher Pyke, Supervisor, Waste Diversion

#### Find it online

<http://www.mississauga.ca/portal/cityhall/environmentalactioncommittee>

1. **CALL TO ORDER** – 9:32 AM

Councillor Mahoney, Chair thanked Members of the Committee for their participation on the Environmental Action Committee this past year.

2. **APPROVAL OF AGENDA**

Approved (B. McKee)

3. **DECLARATION OF CONFLICT OF INTEREST** – Nil.

4. **MINUTES OF PREVIOUS MEETING**

4.1 **Environmental Action Committee DRAFT Minutes** – November 12, 2019

Approved (B. Bass)

5. **DEPUTATIONS**

5.1 **Plastic Pollution**

The Youth Scouts and Gail Shipclark, Scout Leader, 1<sup>st</sup> Port Credit Sea Scout Troop (Scouts Canada)

Ms. Shipclark, Scout Leader, and the Youth Scouts, 1<sup>st</sup> Port Credit Sea Scout Troop (Scouts Canada) provided an overview on the Plastic Pollution and the adverse effects on wildlife and the quality of drinking water. The Youth Scouts highlighted that education is key to creating change, gaining awareness and establishing a solution.

Members of the Committee spoke to the matter and raised the following questions and concerns;

- Inquired about the cost for installing a water bottle refilling station;
- Inquired what the top disposed items were being picked up during waste clean-ups;
- Inquired what provinces are involved in deposit return programs;
- Inquired why education would be more effective over a deposit return program; and
- Suggested presenting to big name companies and to pitch creating incentives for their consumers to bring reusable bottles and mugs as well as putting up signage at every location to encourage and bring awareness to the public.

Ms. Shipclark, the Youth Scouts, Dianne Zimmerman, Manager, Environment and Councillor Mahoney responded to the questions from the Members of the Committee;

- Approximately \$2200 to install a water bottle refilling station, the City is working towards banning all single use plastics on City-owned property.
- Majority of the waste being picked up consists of cigarette buds, straws and single use cups from big corporations.
- Alberta and Manitoba participate in a deposit return program.
- Education is a key factor as the goal is to reduce the amount of plastic and to recycle and reuse in comparison to finding a source to fund and take in plastic items to recycle. There is a huge negative misconception around recycling that needs to be rectified and educating the public will help solve that matter.

RECOMMENDATION

That the deputation and associated presentation by the Youth Scouts, and Gail Shipclark, Scout Leader, 1st Port Credit Sea Scout Troop (Scouts Canada) regarding Plastic Pollution in Our Great Lakes be received for information.

Received (A. Casselman)

Recommendation EAC-0046-2019

5.2. Making Green Infrastructure Mainstream

Shannon Malloy, Specialist and Kyle Menken, Technician, Integrated Water Management Team, Credit Valley Conservation (CVC)

Ms. Malloy and Mr. Menken provided an overview on Making Green Infrastructure Mainstream: Communal Stormwater Retrofit Feasibility Study. STEP – Sustainable Technologies Evaluation Program is a multi-agency initiative developed to support the implementation of sustainable technologies and practices. STEP's key area of focuses are; low impact development, erosion and sediment control, road salt management and natural features restoration. Ms. Malloy and Mr. Menken presented a number of stormwater management design scenarios that involve using the *Drainage Act* as an implementation tool, a 50% stormwater credit, a one-water cost sharing scenario and/or an Ecotopia that includes planting trees in target areas.

Members of the Committee spoke to the matter and raised the following question inquiring if the results of the study are being shared with the City and the staff. Mr. Menken responded by noting that the Communal Stormwater Retrofit Feasibility Study results are being shared with City staff and other municipalities as well. Members of the Committee also suggested creating communal approaches that involves the community engagement and alternative ways to recycling.

RECOMMENDATION

That the deputation and associated presentation by Kyle Menken, Technician and Shannon Malloy, Specialist, Integrated Water Management Team, Credit Valley Conservation regarding Making Green Infrastructure Mainstream be received for information.

Received (B. Bass)

Recommendation EAC-0047-2019

5.3. Community Gardens

Britt McKee, Executive Director, Ecosource

Ms. McKee provided an overview on the Ecosource's Community Gardens and Urban Agriculture Program. The benefits associated with Community Gardens are economic development, ecological sustainability, social inclusion and community building as well as physical and mental health. A few of the 2019 highlights were The Young Urban Growers Podcast, the Field to Table programs and the Accessible Garden. In 2020, Ecosource is partaking in a two year project called Deep Roots that involves community driven food, customized programs to address food security and to build capacity for more food projects.

Members of the Committee spoke to the matter and raised the following questions inquiring if particular demographic areas and clientele are being attended to and if Ecosource is experimenting with native plants, such as perennials. Ms. McKee responded by noting that Ecosource donates to food banks and provides food-based skill workshops at those locations as well. Ms. McKee also noted that Ecosource is currently working with native plants while providing food demonstrations to the community on how to cook with these types of native plants.

#### RECOMMENDATION

That the deputation and associated presentation by Britt McKee, Executive Director, Ecosource regarding the Community Gardens and Urban Agriculture Program be received for information.

Received (P. Verma)

Recommendation EAC-0048-2019

#### 5.4. 2020 Waste Diversion Priorities

Christopher Pyke, Supervisor, Waste Diversion

Christopher Pyke, Supervisor, Waste Diversion provided an overview on the Waste Diversion Priorities for 2020. The priorities outlined were;

- 5 Year corporate Waste Diversion Plan
- The Region of Peel partnership
- Managing Regional Waste Services Contract
- Dog Waste Capture Demonstrations
- Virtuous Circular Economy Program
- Corporate Events Waste Diversion Strategy including Water Bottle Filling Strategy
- BIA Container Replacement Program
- Development of Single Corporate Litter Program
- Waste Diversion Report Cards
- Formalized SHARPS Disposal Program
- Litter-less Lunch and Waste-less Wednesday Demonstrations for Camps
- Single-Use Plastics Reduction Program
- Organic Waste Capture Initiative Expansion.

Members of the Committee spoke to the matter and raised the following questions; inquired about the locations of the sharps containers and about the waste contamination rates in parks. Mr. Pyke responded by noting that the sharps containers are strategically placed based off resident 311 calls. Mr. Pyke noted that unfortunately the waste contamination rate in parks is high and that the focus needs be centralized around education and community engagement in order to reduce the waste in the parks and cross contamination of recycle goods.

#### RECOMMENDATION

That the deputation and associated presentation by Christopher Pyke, Supervisor, Waste Diversion regarding the Waste Diversion Priorities for 2020 be received for information.

Received (C. Dalton)  
Recommendation EAC-0049-2019

5.5. Environment Outreach

Diana Suzuki-Bracewell, Supervisor Environmental Outreach and Heliya Babazadeh, Outreach Coordinator

Diana Suzuki-Bracewell, Supervisor Environmental Outreach and Heliya Babazadeh, Outreach Coordinator provided a 2019 Overview on Environment Outreach. In 2019, there were 57 events across the City of Mississauga that showcased the volunteer program, earth days, community and youth engagement, recreation, litter-less lunches, waste-less Wednesdays and the green leaders program. The focus in 2020 is surrounding climate change with emphasis on youth, businesses, waste diversion, green leader and staff as well as community groups.

Members of the Committee spoke to the matter and raised the following questions; inquired how the Stormwater Department is incorporated and if youth ambassadors at the secondary school level have been reached out to. Ms. Suzuki-Bracewell and Ms. Babazadeh responded by noting that the Outreach team has partnered with the Stormwater team for a number of events as well as partnered with local community centres to work with youth groups.

RECOMMENDATION

That the deputation and associated presentation by Diana Suzuki-Bracewell, Supervisor Environmental Outreach and Heliya Babazadeh, Outreach Coordinator regarding the 2019 Overview on Environment Outreach be received for information.

Received (J. Longland)  
Recommendation EAC-0050-2019

6. **PUBLIC QUESTION PERIOD** - 15 Minute Limit (5 Minutes per Speaker)

No members of the public requested to speak.

7. **MATTERS CONSIDERED**

7.1. Environmental Action Committee Work Plan

Dayna Obaseki, Legislative Coordinator spoke to this item inquiring how the Members of EAC would like to showcase the Committee's progress as noted in the EAC Work Plan. The suggested options were to make a deputation to General Committee and/or to make a recommendation to send the EAC's Work Plan to Members of Council outlining EAC's progress and achievements.

Members of the Committee agreed that in January and July would be the most appropriate times to send and/or present information to Members of Council.



**RECOMMENDATION**

That the Environmental Action Committee Work Plan be approved as discussed at the December 10, 2019 Environmental Action Committee meeting.

Received/Approved (B. McKee)

Recommendation EAC-0051-2019

**8. INFORMATION ITEMS****8.1. Climate Change Action Plan Status Update (Verbal)**

Dianne Zimmerman, Manager, Environment provided a verbal update on the Climate Change Action Plan (CCAP). Ms. Zimmerman noted that the Members of Council unanimously supported the plan at the December 4, 2019 General Committee meeting.

**RECOMMENDATION**

That the verbal update by Dianne Zimmerman, Manager, Environment regarding the Climate Change Action Plan Status Update be received for information.

Received (S. Qureshi)

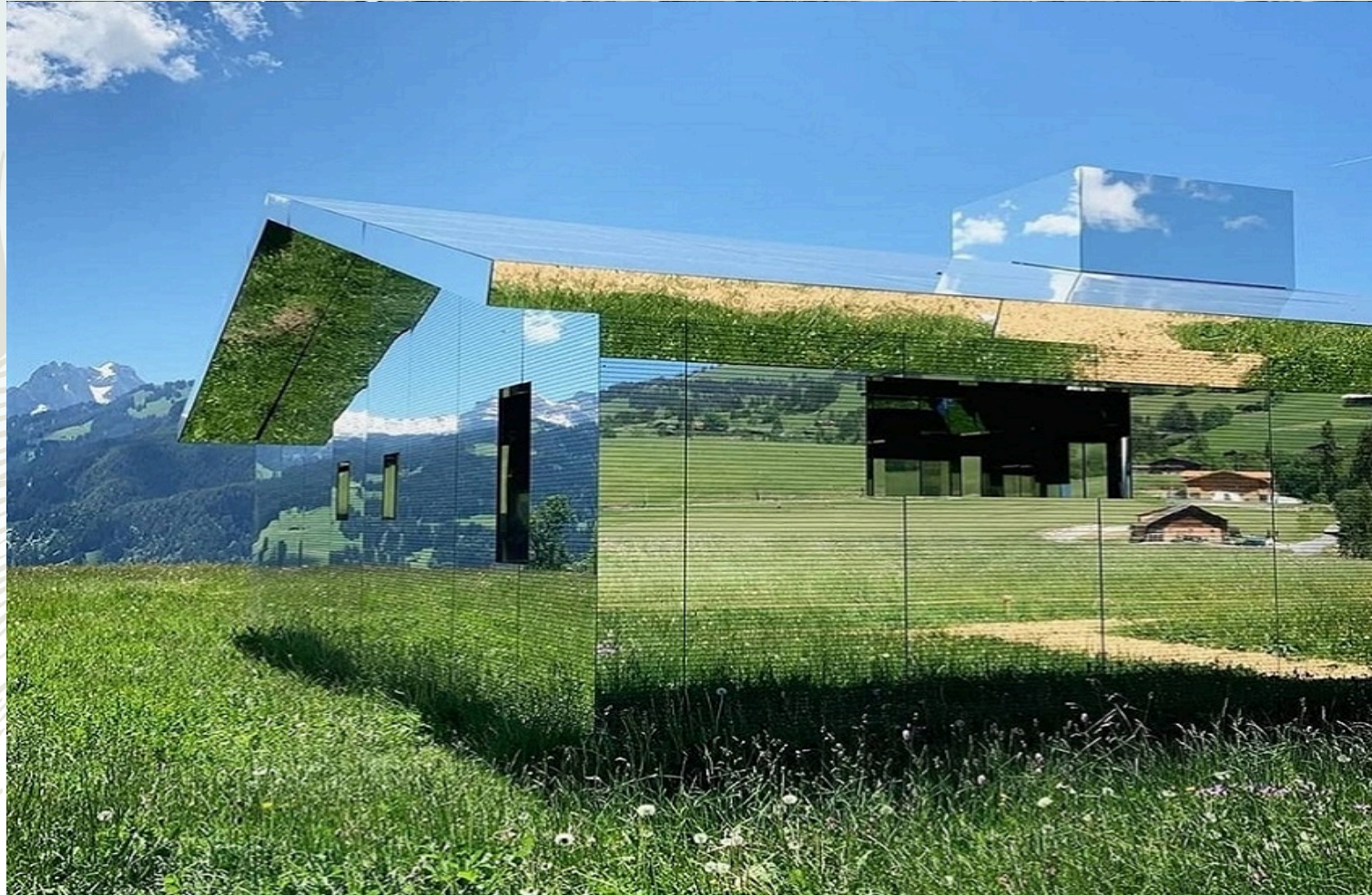
Recommendation EAC-0052-2019

**9. OTHER BUSINESS**

- 9.1. Alice Casselman, Group Representative – ACER provided an update on Project Crossroads. Ms. Casselman noted that the stakeholder meetings have had successful turnouts and are currently preparing the final application for the Canadian Heritage grant for Anti-Racism Action Program (ARAP).

**10. ENQUIRIES – Nil.****11. DATE OF NEXT MEETING(S) - Tuesday, February 4 , 2019 - 9:30am, Hearing Room****12. ADJOURNMENT – 11:30AM (L. Mallet)**

# Bird-Building Collisions and Bird-Friendly Legislation



# Bird-Building Collisions and Bird-Friendly Legislation



- 2007 – First *Bird-Friendly Development Guidelines*. (revised in 2016- *Bird-Friendly Best Practices Glass*).
- 2010 – Bird-Friendly Becomes Mandatory under Toronto Green Standard
- 2011 – First of Two Precedent-Setting Lawsuits
- 2013 – Bird-Window Collisions Become a Violation under Canadian Law
- 2019 – CSA Releases Bird-Friendly Design Standard





# Bird-Building Collisions and Bird-Friendly Legislation

## 2012 – City of Mississauga Green Development Standards

### 6.1 Bird Friendly Glazing

- Remains voluntary
- Not in compliance with the CSA *Bird Friendly Design Standard*.





# FLAP Canada

[flap.org](http://flap.org) & [birdsafecanada.org](http://birdsafecanada.org) / [flap@flap.org](mailto:flap@flap.org)

# Dog Waste Capture Initiative – 2019

February 4, 2020

Environmental Action Committee  
Advisory Committee of Council



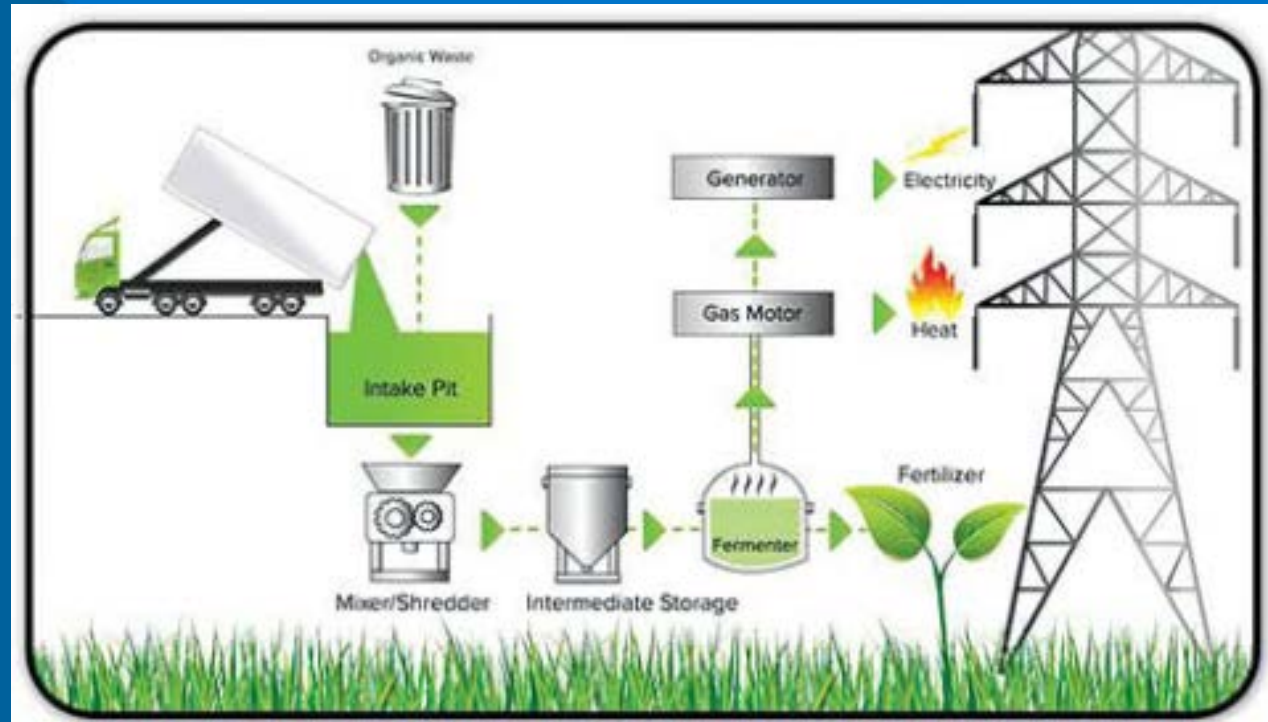
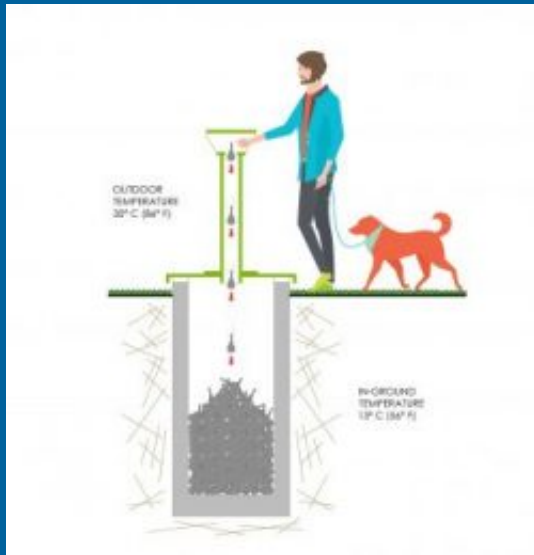








# How does it work?



# The Results are in:

Total amount of dog waste picked up in Mississauga: **12,906 kg or 12.9 metric tonnes**

Total estimated equivalencies for what has been picked up:

**1.52 TONS CO2 REMOVED FROM ATMOSPHERE**

**30.34 NUMBER OF HOMES POWERED FOR A YEAR**

**0.86 NUMBER OF ACRES FERTILIZED**

**1.43 CARS OFF THE ROAD FOR A YEAR**

**569 times a city worker did not need to remove a 50lb/22.7kg bag of dog waste from a city litter bin**

Total amount of dog waste picked up in the program: **>50,000 kg or 50 metric tonnes**

Participating municipalities and waste collected:

Waterloo: **19.08mt**

Kitchener: **TBD**

Cambridge: **3.378mt**

Strathroy: **3.95mt**

Elmira: **TBD**

Guelph: **.98mt**

Brampton: **4.225mt**

Mississauga: **13 mt**

Hamilton: **2.704mt**

Toronto: (private): **.47mt**

Essa Township: **.74mt**

Niagara Falls : **TBD**



# What does it mean?



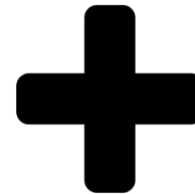
30 homes powered



1.52 tonnes  
CO<sub>2</sub>



0.86 acres  
fertilized



OTHER BENEFITS

# Recent


3°C | Wednesday Jan 15



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## From poop to power: Mississauga creating natural energy from dog waste

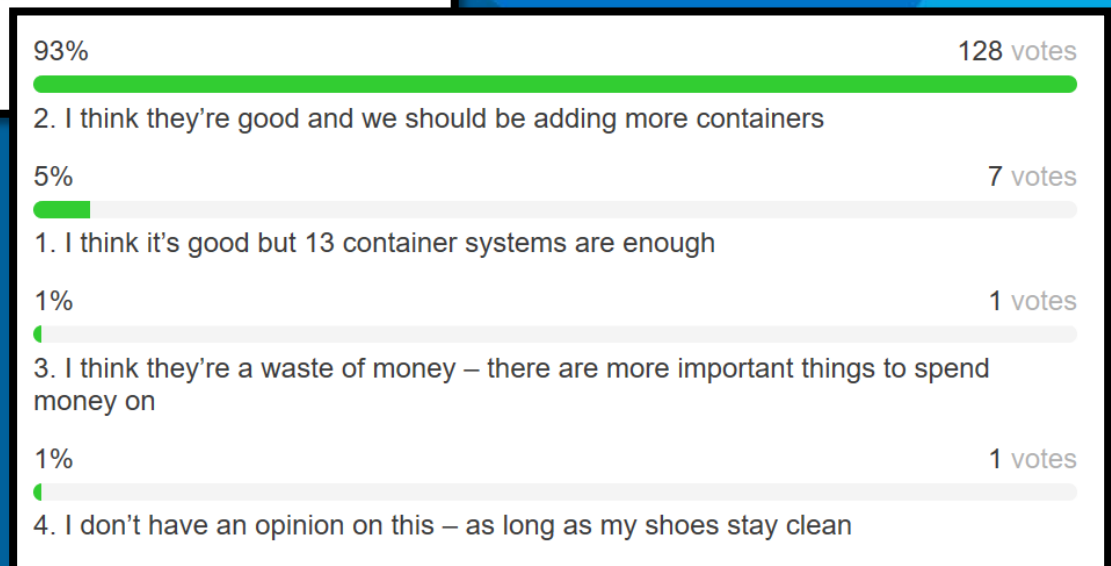
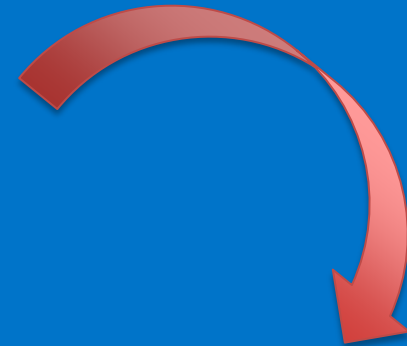
Pilot project allowed for 23 homes to be powered for one year

NEWS Jan 14, 2020 by [Sabrina Gamrot](#)  Mississauga News









# Good Press - Samples

## Mississauga Specific:

<https://www.cbc.ca/news/canada/ottawa/dog-poop-energy-proposal-ottawa-1.4576288>

<https://www.theglobeandmail.com/canada/toronto/article-what-to-do-with-all-that-dog-poop-ontario-cities-come-up-with/>

<https://www.theglobeandmail.com/real-estate/toronto/article-torontos-condo-communities-have-a-dog-poo-problem/>

## Program Specific:

<https://kitchener.ctvnews.ca/waterloo-s-dog-waste-bins-drawing-attention-across-north-america-1.3434152>

<https://www.cbc.ca/news/canada/toronto/dog-poop-receptacle-canary-condo-waste-energy-1.5195931>

# Climate Change Outreach and Engagement

2020



MISSISSAUGA



## 5.0 Engagement & Partnerships

Building on existing partnerships and collaborating with community groups to provide meaningful opportunities for engagement







## Internal collaboration and partnerships for Climate Change awareness

**Read up on Climate Change!**  
New selections added monthly.



**#SaugaClimateReads**



**The Library**



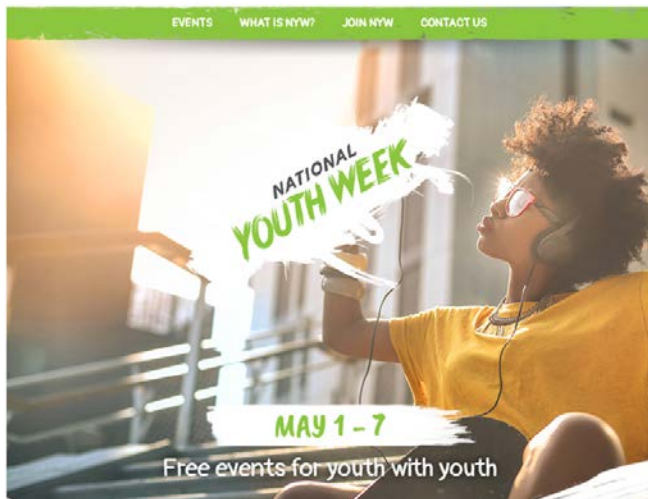
Community workshops  
on urban naturalization







Creating outreach and engagement opportunities for youth



## National Youth Week 2020

Take action for climate change





## Presence in the community to increase education and awareness





## Presence in the community to increase education and awareness





## Increasing internal awareness and education on climate change

**GREEN** Leaders  
Program  
Employee  
Engagement in  
Sustainability



Sustainable  
Transportation



Energy  
conservation



Biodiversity



Waste reduction  
and Water  
conservation

# Thank you

Environment Section Outreach team

Samantha Dilorio

Heliya Babazadeh

Diana Suzuki Bracewell



# 2019-2022 Environmental Action Committee Work Plan

WORK PLAN ITEM	ACTION FOR EAC MEMBERS	TIMING	PROGRESS	
			Action Taken or Date Completed	
Climate Change	Support approval and implementation of the Climate Change Action Plan.	Ongoing	May 29, 2019	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;  <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. GC-0306-2019</i>
			June 11, 2019	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;  <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. EAC-0016-2019</i>
			June 16, 2019	At the June 16, 2019 Council, the following EAC-0016-2019 recommendation was amended and approved as;  <i>Climate change is a real and urgent crisis, driven by human activity, that impacts the environment, biodiversity, human health and the economy.</i>  <i>The City of Mississauga is committed to taking action on climate change, therefore the City if 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>  <i>That the students of Camilla Road Senior P.S. be thanked for their initiative on this matter.</i> <b>0149-2019</b>
			July 9/2019	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.
			July 25/2019	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.

# 2019-2022 Environmental Action Committee Work Plan

Climate Change	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;  <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.  <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>
Volunteering	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).
Support City Action on Environment	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.

# 2019-2022 Environmental Action Committee Work Plan

Report on Committee Progress	Report to General Committee bi-annually on the progress of the EAC’s work plan and activities. (Includes the EAC Actions Summary as an appendix)	Twice per year	
Additional/Other			
Next Steps	Upcoming suggested environmental actions and initiatives to be implemented.	Ongoing	<div>Nov. 12/2019</div> <div>At the November 12, 2019 EAC meeting – the Committee supported going paperless and approved the following recommendation;</div> <div>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></div>