
Environmental Action Committee

Date

2019/07/09

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 |
| Melanie Kramer | Credit Valley Conservation Authority |
| Britt McKee | Ecosource |

Non-Voting Members

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|-----------------|--|
| Brad Butt | Mississauga Board of Trade |
| Alice Casselman | Association for Canadian Educational Resources |

Members Absent

| | |
|------------------|---|
| Vacant (PAN) | Group Representative/Stakeholder Member - Peel Aboriginal Network |
| Leena Baber | Peel Environmental Youth Alliance |
| Simran Persaud | University of Toronto Mississauga |
| Dianne Zimmerman | Partners in Project Green |
| Teresa Ierullo | Greening Sacred Spaces |
| Shelia Storey | Sawmill Sid Inc. |

Staff Present

Andrea J. McLeod, Manager, Environment
Lisa Urbani, Environment Research Assistant, Environment
Dayna Obaseki, Legislative Coordinator, Legislative Services
Sarah Piatt, Acting Supervisor, Woodlands & Natural Areas
Leya Barry, Climate Change Coordinator, Climate Change
Teresa Chan, Climate Change Specialist, Climate Change

Find it online

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

1. **CALL TO ORDER** – 9:34 AM
2. **APPROVAL OF AGENDA**
Approved (L. Mallet)
3. **DECLARATION OF CONFLICT OF INTEREST** – Nil.
4. **MINUTES OF PREVIOUS MEETING**
- 4.1 Environmental Action Committee Minutes – June 11, 2019
Approved (B. McKee)
5. **DEPUTATIONS**
- 5.1 Pollinator Initiatives

Sarah Piett, Acting Supervisor, Woodlands & Natural Areas provided an overview on the Pollinator Initiatives. Ms. Piett described what pollinators are and the various types. Ms. Piett noted the current initiatives the City is taking are the honeybee hive at City Hall, pollinator hotels at City owned garden parks, pollinator gardens, the One Million Tree Mississauga program and Bee City Canada. Ms. Piett noted the public can help further these initiatives by planting native plants; such as wild flowers, tree and shrubs as well as picking up a pollinator packs from the City.

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

- Bee City Canada conditions and process;
- Inquired if local nurseries/garden centres are advertising whether the plants are native or non-native;

Ms. Piett responded to the questions from the Members of the Committee;

- To become a Bee City – the City of Mississauga fills out an annual application form outlining future plans and past achievements.
- Due to being privately owned establishments advertisements at local nurseries surrounding whether the plants are native or not are done on an individual basis.

RECOMMENDATION

That the deputation and associated presentation by Sarah Piett, Acting Supervisor, Woodlands & Natural Areas to present on Pollinator Initiatives be received.

Received (M. Kramer)

Recommendation EAC-0025-2019

5.2 The Climate Change Project/Action Plan Update

Leya Barry, Climate Change Coordinator provided an update on The Climate Change Project and encourage members to provide in-depth feedback to help further the project plan. Ms. Barry noted the timeline of the project as well as the goals and visions outlined in the plan. The vision is for a low carbon and resilient community, whereas the goals are centered on mitigation and adaption. Ms. Barry provided a total carbon-related emissions comparison in Mississauga from 1990 to projected reduction rates in 2020. Ms. Barry further discussed the five action pathways that consist of buildings, resilient and green infrastructure, accelerating discovery and innovation, low emissions mobility and engagement and partnerships.

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

- Waste resources;
- Heat pumps/heat storage;
- Geothermal;
- Whether the Green Development Standards are mandatory or optional;
- Green initiatives on planning applications;
- Concerned with the disconnect of communication between developers and owners pertaining to the Storm Water rebate;
- Concerned with the lack green transportation initiatives;
- Electric bus fleet;
- Inquired about the target disconnect;
- Retrofits;
- Solar panels;
- Green Infrastructure definition;
- Urban Agriculture;
- Tree Campaigns;
- Citizen involvement;
- Incentives and community grants for residents to plant trees;
- Size of scale of creating awareness;
- By-law mandates;
- Erosion;
- Evaluation of cost; and
- How can the EAC members help expedite the process.

Ms. Barry, Teresa Chan, Climate Change Specialist, Andrea J. McLeod, Manager of Environment, Councillor Mahoney and Councillor Dasko responded to the questions from the Members of the Committee;

- Waste water/sewage plants with a focus on the GE Booth Lakeview Waste Water Plant are considered as primary resources.
- In the previous update – the City presented on the use of Siemen’s modeling tool which outlined electric heat pumps as an option and retrofitting older buildings. The focus is to move away from the use of natural gas and conduct pilot projects on buildings with electric bass board heaters.
- Geothermal is a great idea, however involves a very complicated installation process and can be quite expensive.

- The Green Development Standards are voluntary, however the City is aiming for compliance in stages, such as initially filling out that particular section on the application to having a minimal standard reached as a requirement.
- The City would like to create a better flow of information and education surrounding the StormWater rebate and other environmental initiatives.
- The City has adopted the Transportation Master plan, which encompasses green initiatives, therefore the Climate Change Project does not act as the lead on those initiatives, but more so in complimentary capacity.
- Investing into electric bus fleet and smaller buses for less busy routes is being considered from all perspectives with staff to ensure a service level is not affected.
- The set targets are based off a different metric that focus on the reduction of energy consumptions that helps with lower greenhouse emissions.
- Retrofits are a priority during a renovation period and lifecycle replacements.
- Solar energy is being utilized at City owned facilities.
- The City is working towards a standard definition of green infrastructure and moving away from working in silos towards a more municipal holistic approach.
- Action 9 listed in the presentation and the sub-actions that fall under these high-level action items deal with food security and touch on urban agriculture.
- Community grants are already in place as well as conservations that help towards planting more trees, life sustainability, the support for diversity of habitats and different types of eco-sources.
- Creating incentives, such as community champion awards helps change societal behaviour towards citizen involvement. The focus is to promote awareness and educate the public as well as provide opportunities to participate and help improve the environment. Set targets produce sustainable action, such as mode sharing reducing to 50%.
- Raising awareness, natural theming, training 311 staff on existing and upcoming programs, working with support groups, and climate hubs are dealt with on a neighbourhood scale.
- There is no current by-law that mandates a target for green infrastructure.
- Vulnerability assessments of parks are being considered and erosion aspects will be addressed under this initiative.
- Cost assessments have been conducted on the basis if the City did not take on any future green initiatives vs. the implementation of those suggested initiatives.
- Presently members can provide feedback and participate in these set out initiatives to help achieve these set targets. In five years the plan will be reassessed and at that time new technologies may help further expedite the set goals.

RECOMMENDATION

That the deputation and associated presentation by Leya Barry, Climate Change Coordinator to present on The Climate Change Action Plan be received.

Received (A. Cassleman)
Recommendation EAC-0026-2019

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 Work Plan**

Alice Cassleman, Member advocated that there should be a spring and fall EAC Work Plan progress report. This suggested will be updated and reflected in the EAC Work Plan.

Pujita Verma, Member inquired about the Committee's interest in the Adopt-A-Park Program. Members of the Committee noted that the main struggle has been due to time constraints and that the turnout at past events has been disheartening. Members expressed their interest in the program continuing and suggested facilitating these events on weekends, in order for members to attend alongside with their family and friends and to compound these events with tree planting as well.

RECOMMENDATION

That the Environmental Action Committee Work Plan be approved as discussed at the July 9, 2019 meeting of the Environmental Action Committee.

Approved (P. Verma)

Recommendation EAC-0028-2019

8. INFORMATION ITEMS**8.1 Committees of Council Procedure**

Dayna Obaseki, Legislative Coordinator provided a brief overview on the committee procedures in specific relation to the Environmental Action Committee operations.

Melanie Kramer, Member inquired how the public requests are processed. Ms. Obaseki responded by noting that the staff help members of the public frame their requests for the appropriate audience.

RECOMMENDATION

That the Committees of Council Procedure be received.

Received (M. Kramer)

Recommendation EAC-0029-2019

9. OTHER BUSINESS – Nil.**10. ENQUIRIES – Nil.****11. DATE OF NEXT MEETING(S) – To be determined.****12. ADJOURNMENT – 11:22 AM (L. Mallet)**