

Environmental Action Committee

Date

2018/02/13

Time

9:48 AM

Location

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

Members Present

Councillor Matt Mahoney, Ward 8 (Chair)
Councillor George Carlson, Ward 11 (Vice-Chair)
Andrea Dawber, Ecosource
Lea Ann Mallett, Citizen Member
Melanie Kramer, Credit Valley Conservation
Pujita Verma, Peel Environmental Youth Alliance
Dianne Zimmerman, Partners in Project Green

Members Absent

Brad Bass, Citizen Member
Andrew Roblin, Citizen Member
Minal Waqar, University of Toronto Mississauga
Chelsea Dalton, Citizen Member
Sheila Storey, Sawmill Sid Inc.

Staff Present

Mary Bracken, Supervisor, Environmental Initiatives
Christopher Pyke, Supervisor, Waste Management
Julius Lindsay, Climate Change Specialist
Diana Suzuki-Bracewell, Environmental Outreach Coordinator
Andrea J. McLeod, Supervisor, Environmental Outreach
Lisa Urbani, Environmental Research Assistant
Trish Sarnicki, Legislative Coordinator, Legislative Services

Find it online

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

1. **CALL TO ORDER** – 9:48 a.m.

Councillor Mahoney, Chair expressed condolences for Councillor Tovey, and noted he was a strong supporter of not only the environment, but many important causes for the city and will be missed.

2. **APPROVAL OF AGENDA**

Approved (A. Dawber)

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

4. **MINUTES OF PREVIOUS MEETING**

4.1. **Environmental Action Committee Minutes** – December 5, 2017

Approved (L. Mallett)

5. **DEPUTATIONS**

5.1. **Matthew Sweet, Manager, Active Transportation spoke regarding Cycling Master Plan**

Mr. Sweet provided an overview of the Cycling Master Plan, and spoke to the project background and current status, the vision, goals and proposed directions of the Plan, the draft cycling network, and the public consultation process. Mr. Sweet noted that the project status is in the final stage and on target to be presented to General Committee in June 2018. Mr. Sweet spoke to a number of concurrent projects, and explained that the draft cycling network, the draft performance monitoring network, and the draft recommendations have been completed, and that the implementation plan and draft final report are both in progress. Mr. Sweet explained that the existing network is being evaluated in terms of what is comfortable for users, with regard to roadway character, speed, volume, etc. Mr. Sweet added that more information can be found at: www.doescyclingmoveyou.ca

In response to questions from Committee Members, Mr. Sweet responded that coordination with Peel Region is taking place, that the timeline for implementation is pending once the costs of the draft network are determined, that the pending date is 2030/2031, and that the idea is to provide facilities that are comfortable for everyone. Mr. Sweet added that there are no regional ridership studies with regard to commuting to secondary schools, but that finding ways to incentivise existing properties to adopt bike racks and parking is an excellent idea.

RECOMMENDATION

That the deputation and associated presentation by Matthew Sweet, Manager, Active Transportation with respect to the Cycling Master Plan be received.

Received (M. Kramer)

Recommendation EAC-0001-2018

5.2. Herbert Sinnock, Manager, Sustainable Energy Systems, Sheridan College spoke regarding District Energy

Mr. Sinnock provided a background and overview of modern district energy (DE) systems, and spoke to the history behind sustainable energy systems, as well as the benefits of implementing DE, noting that it allows for great flexibility in terms of the type of energy you may use and has an impeccable building envelope. Mr. Sinnock noted that pre-insulated pipe systems used in DE have an internal leak detection system, and can be mapped in a geographic information system (GIS) so that a break or crack in the pipe is quickly found and remedied. Mr. Sinnock spoke to energy transfer stations, biomass district heating, and low-temperature hydronic heating. Mr. Sinnock noted opportunities in North America for heating homes and hot water, as well as the enabling of additional renewables and waste energy, but noted that DE must be thought of in a system context, even locally. Mr. Sinnock explained that buildings (both new and retrofitted) will need to be considered carefully in order to undertake DE.

Questions from Committee Members arose with regard to the following:

- Dollar comparison of DE system versus current system;
- What might be slowing the process and eligibility of delivering this in Ontario;
- What information is being tracked i.e. capital and operating costs, eventual additional costs, etc.

Mr. Sinnock responded that the utility models will be different and that the DE day to day operating costs should not be any different, but that the elimination of expensive maintenance costs is a factor to consider. Sunk capital costs, and administration and technology services overhead costs would occur, however, from a commodity perspective, with regard to fuel, the economics can be fine-tuned in terms of how the BTU is being input into the network. Mr. Sinnock noted that pipe is typically three to six times more expensive in Canada and much of the issue with the economics regarding DE is because of a lack of market and consumer understanding. Mr. Sinnock added that often, pilot programs are enacted on a small scale when testing out new ideas, but that in order for DE to be profitable and useful it must be enacted on a larger scale. Mr. Sinnock noted that DE has been implemented on Sheridan campuses in Brampton and Oakville and that information is being collected and shared as much as possible. Lastly, Mr. Sinnock extended an invitation to Committee Members to visit the Brampton DE plant, as it is open for tours.

RECOMMENDATION

That the deputation and associated presentation by Herbert Sinnock, Manager, Sustainable Energy Systems, Sheridan College with respect to District Energy be received.

Received (D. Zimmerman)
Recommendation EAC-0002-2018

5.3. Cameron McCuaig spoke regarding the City of Mississauga's vision to "inspire the world"

Mr. McCuaig provided an overview of how Mississauga could choose to "inspire the world" and spoke to the idea of Mississauga as a "world leading net zero carbon city." Mr. McCuaig explained that heritage is not only with regard to the past, but to the future, noting that the future of the city is very much connected to the environment. Mr. McCuaig noted that the issue is time sensitive and spoke to his suggestions for the city: updating the vision of the city to include reference to inspiring the world, identifying 2018 net zero carbon requirements for specific sites, assessing activities that may require action in 2018, and integrating the answer to "inspire the world" into the 2019-2022 business and strategic plans.

Questions from Committee Members arose with regard to the following:

- More detail on what would need to occur in order to reach a net zero building requirement;
- Opinion on the province's position on cap and trade and amending the building code.

Mr. McCuaig responded that he had approached senior staff with regard to the net zero building requirement and is relying on their expertise with regard to updating standards, and that he is looking for the Committee's guidance on the issue of cap and trade and amending the building code.

Councillor Mahoney, Chair commented that the presentation will need to be shared with staff from the Environment Division, and that presenting to the Association of Municipalities could be helpful.

Dianne Zimmerman, Partners in Project Green, added that the Green Ontario Fund (GreenON) could also be useful.

Lea Ann Mallett, Citizen Member commented on the importance of having a vision for the city.

Ms. Zimmerman requested more information on the process of net zero building, with Councillor Mahoney responding that the previous planning reports would be shared with Ms. Zimmerman.

Councillor Mahoney, Chair stated that with regard to Mr. McCuaig's deputation the direction for staff is to provide follow-up at a future Environmental Action Committee meeting.

RECOMMENDATION

1. That the deputation and associated presentation by Cameron McCuaig with respect to the City of Mississauga's vision to "inspire the world" be received.
2. That the presentation by Cameron McCuaig with respect to the City of Mississauga's vision to "inspire the world" be referred to staff from the

Environment Division for follow-up.

3. That the follow-up by staff from the Environment Division regarding Cameron McCuaig's presentation with respect to the City of Mississauga's vision to "inspire the world" be considered at a future meeting of the Environmental Action Committee.

Received (L. Mallet)

Recommendation EAC-0003-2018

5.4. Julius Lindsay, Climate Change Specialist spoke regarding the Climate Change Project Engagement Strategy

Mr. Lindsay provided an update with regard to the Climate Change Project Engagement Strategy and spoke to the innovative techniques undertaken, the stakeholder panel-visioning session that took place, the logistics of the engagement plan, and the Climate Change Summit, scheduled for June 1 and 2, 2018. Mr. Lindsay remarked on the partnership between University of Toronto at Mississauga Blackwood Gallery and the City of Mississauga, and also noted that a climate change themed art event would take place in September.

Questions from Committee Members arose with regard to the following:

- Whether the climate change summit is integrated with the earth market;
- Whether themes have started to emerge with regard to climate change;
- How Committee Members can assist Mr. Lindsay with this strategy.

In response to questions from Committee Members, Mr. Lindsay responded that efforts are focused on getting the public to understand the climate change project and what input they can provide. Mr. Lindsay added that district energy, zero emissions vehicle technology, opportunities for business, and flooding and water issues in the city are all items that have emerged with regard to climate change, noting that the top two hydrogen companies in the world are located in Mississauga. Mr. Lindsay asked Committee Members to share events that they know of with their networks, and to keep bringing topics of interest to the Environmental Action Committee. Mr. Lindsay remarked that the Committee will continue to be updated with regard to opportunities for engagement.

RECOMMENDATION

That the deputation and associated presentation Julius Lindsay, Climate Change Specialist with respect to Climate Change Project Engagement Strategy be received.

Received (L. Mallett.)

Recommendation EAC-0004-2018

6. **PUBLIC QUESTION PERIOD**

No members of the public requested to speak.

7. MATTERS CONSIDERED**7.1. Environmental Action Committee Work Plan**

No discussion took place on this item.

RECOMMENDATION

That the Environmental Action Committee Work Plan be approved as discussed at the February 13, 2018 meeting of the Environmental Action Committee.

Approved (Councillor Carlson)
Recommendation EAC-0005-2018

7.2. EAC Environmental Actions Summary

Pujita Verma, Peel Environmental Youth Alliance commented that she would provide her actions via email.

RECOMMENDATION

That the EAC Environmental Actions Summary be approved, as amended, as discussed at the February 13, 2018 meeting of the Environmental Action Committee.

Approved (P. Verma)
Recommendation EAC-0006-2018

8. OTHER BUSINESS

Dianne Zimmerman, Partners in Project Green, spoke to her five weeks at the Toronto and Region Conservation Authority, noting that Partners in Project Green marks its 10-year anniversary, and that over the course of the year a number of public and member based events will be taking place, such as tree planting and other activities. Ms. Zimmerman noted that there would be 10 events over the next 10 months, and will keep the Committee apprised of these events. Ms. Zimmerman added that more information could be found at: <https://www.partnersinprojectgreen.com/news/celebrating-10-years/>

Andrea Dawber, Citizen Member, introduced Ecosource's new Executive Director, Britt McKee, who will henceforth attend meetings in her place.

9. DATE OF NEXT MEETING – Tuesday, March 20, 2018 - 9:30 AM, Committee Room A**10. ADJOURNMENT – 11:21 a.m.**