Tuesday, December 13, 2016
6:00 p.m. – Regular Meeting

Boardroom WT-2C, 2nd Floor, City Hall – West Tower

Members:  
Shintu Cherian Manathara (Co-Chair)
David Laing (Co-Chair)
Trevor Boston
Douglas Foster
Rosemary Keenan
Krista Kumar
Ian McGillivray
Davika Misir
Filiz Ozmisir
Roopinder Sandhu
Joshua Teves
Laila Zarrabi Yan
City Councillor Doug Whillans

Student Project Members:  
Gurkirat Batth
Linda Bui
Aaraby Mohanathas

For inquiries about this Agenda, or to make arrangements for accessibility accommodations for persons attending (some advance notice may be required), please contact:

Shauna Danton, Legislative Coordinator
Phone (905) 874-2116, TTY (905) 874-2130, cityclerksoffice@brampton.ca

Note: Some meeting information may also be available in alternate formats, upon request
Note: Please ensure all cell phones, personal digital assistants (PDAs) and other electronic devices are turned off or placed on non-audible mode during the meeting

1. **Approval of Agenda**

2. **Declarations of Interest under the Municipal Conflict of Interest Act**

3. **Previous Minutes**

3.1. **Minutes - Environment Advisory Committee - October 18, 2016**

The minutes were considered by Planning and Infrastructure Services Committee on December 5, 2016, and are pending approval by Council on December 14, 2016. The minutes are provided for information only.

4. **Delegations/Presentations**

5. **Reports/Updates**

5.1. Verbal Update from Stavroula Kassaris, Environmental Policy Planner, Environmental Engineering, Planning and Development Services, re: Eco-challenges - Web-based Tools

6. **Sub-Committees**

7. **Environmental Ideas**

8. **Other/New Business**

8.1. Discussion at the request of David Laing, Co-Chair, re: Discussion Questions regarding MTO Cycling Initiatives under the Climate Change Action Plan

8.2. **Environment Advisory Committee - 2017 Schedule of Meetings**
9. **Correspondence**

10. **Question Period**

11. **Public Question Period**

12. **Adjournment**

   Next Meeting:  Tuesday, February 14, 2017, at 6:00 p.m.
Tuesday, October 18, 2016

Members Present:  
Shintu Cherian Manathara (Co-Chair)  
David Laing (Co-Chair)  
Trevor Boston  
Douglas Foster  
Krista Kumar  
Davika Misir  
Filiz Ozmisir  
Joshua Teves  
Laila Zarrabi Yan  
City Councillor Doug Whillans (left at 6:50 p.m. – other municipal business)

Members Absent:  
Rosemary Keenan (regrets)  
Ian McGillivray (regrets)  
Roopinder Sandhu (regrets)

Staff Present:  
Community Services:  
Ken Esplen, Manager, Property Management  
Andrew Burgess, Coordinator, Operations  
Mark Pearson, Coordinator, Operations  
Planning and Development Services:  
Michael Hoy, Environmental Policy Planner  
City Clerk’s Office:  
Shauna Danton, Legislative Coordinator
The meeting was called to order at 6:00 p.m. and adjourned at 8:10 p.m.

1. **Approval of Agenda**

   EAC027-2016 That the Agenda for the Environment Advisory Committee Meeting date of October 18, 2016, be approved, as printed and circulated.

   Carried

2. **Declarations of Interest under the Municipal Conflict of Interest Act** - nil

3. **Previous Minutes**

3.1. **Minutes - Environment Advisory Committee - August 16, 2016**

   Note: the minutes were considered by Planning and Infrastructure Services Committee on September 12, 2016, and approved by Council on September 14, 2016. The minutes were provided for information only.

4. **Delegations/Presentations**

4.1. Presentation by Erwin Pascual, Manager, Waste Planning, Region of Peel, re: **Region of Peel Waste Management Strategy**

   Erwin Pascual, Manager, Waste Planning, Region of Peel, presented an overview of the Region of Peel Waste Management Strategy that included the following:

   - Waste Free Ontario Act & Strategy
     - Proposed regulatory framework
     - Resource Recovery and Circular Economy Act; strategy for a waste free Ontario
     - Waste Diversion Transitions Act
     - Organics Action Plan
     - Key elements of the proposed Act and Strategy
     - Provincial Interest and Policy Statements
     - New Producer Responsibility Regime
     - Resource Productivity and Recovery Authority
     - Waste Diversion Transition Act
     - Timelines; 2016 to 2019 and beyond
     - Implications for Brampton and Peel
     - Next Steps
Committee consideration of the matter included:

- Region of Peel adopted diversion targets
- Ontario Building Code; Separated waste shuts
- Carbon pricing and Cap and Trade
- Manufacturer and company waste recovery targets; contributions to municipal recycling programs

The following motion was considered:

EAC028-2016
That the presentation by Erwin Pascual, Manager, Waste Planning, Region of Peel, to the Environment Advisory Committee Meeting of October 18, 2016, re: Region of Peel Waste Management Strategy be received.

Carried

4.2. Presentation by Craig Booth, Recreation Manager, Recreation and Culture, re: Waste Management in City Recreation Facilities

Andrew Burgess, Coordinator, Operations, Community Services, and Mark Pearson, Coordinator, Operations, Community Services, presented an overview on waste management in city recreation facilities that included the following:

- Region of Peel recycling program
- Waste sorting stations
- Public access to battery disposal drop-offs
- Hazardous waste disposal

Committee consideration of the matter included:

- Location of waste sorting stations in recreation facilities
- Suggestion to install waste and recycling sorting stations in city-owned parks

Staff noted that suggestions regarding waste diversion strategies may be submitted at any time.

The following motion was considered:

EAC029-2016
That the presentation by Andrew Burgess, Coordinator, Operations, Community Services, and Mark Pearson, Coordinator, Operations, Community Services, to the Environment Advisory Committee Meeting of October 18, 2016, re: Waste Management in City Recreation Facilities be received.

Carried
4.3. Verbal Update by Ken Esplen, Manager, Property Management, re: Waste Management in City Facilities

Ken Esplen, Manager, Property Management, provided an overview on waste management in City facilities, the 2012 non-hazardous solid waste audit of Brampton City Hall, and the 2016 Brampton Provincial Offences Court Annual Waste Audit report. Mr. Esplen noted the actions taken in City-run facilities to improve waste management and increase the waste diversion rate.

In response to questions from Committee, Mr. Esplen provided details on the LEED (Leadership in Energy and Environmental Design) and BOMA (Building Owners and Managers Association) certified City-owned buildings.

The following motion was considered:

EAC030-2016 That the verbal update by Ken Esplen, Manager, Property Management, to the Environment Advisory Committee Meeting of October 18, 2016, re: Waste Management in City Facilities be received.

Carried

5. Reports/Updates

5.1. Verbal update from Roop Sandhu, Member, re: Grow Green Network Recruitment

David Laing, Co-Chair, provided an update on the Grow Green network recruitment that included the following:

- A survey was sent to stakeholders and 18 responses were received, most indicating they would participate, in various capacities, in the Grow Green Network
- Next steps include follow-up and further communication with stakeholders
- The Grow Green Network web page will be updated when all stakeholder information has been collected

The following motion was considered:

EAC031-2016 That the verbal update from David Laing, Co-Chair, to the Environment Advisory Committee Meeting of October 18, 2016, re: Grow Green Network Recruitment be received.

Carried
5.2. Verbal Update from David Laing, Co-Chair, re: Credit Valley Conservation Stewardship Forum

David Laing, Co-Chair, provided an update on the Credit Valley Conservation Stewardship Forum, that included the following:

- Municipal flood and wild fire mitigation and adaptation plans
- Climate change and wildlife disruption
- Global energy consumption and renewable energy
- Lower carbon output and maintaining global temperatures

In response to questions from Committee, staff noted that the Region of Peel and City of Brampton are working to create a climate change strategy.

The following motion was considered:

EAC032-2016 That the verbal update from David Laing, Co-Chair, to the Environment Advisory Committee Meeting of October 18, 2016, re: Credit Valley Conservation Stewardship Forum be received.

Carried

5.3. Update re: Planning and Infrastructure Services Committee - September 26, 2016 - Passing of Blue Dot Declaration

6. Sub-Committees

6.1. Verbal Update from Trevor Boston, Member, re: Outreach Working Group

Trevor Boston, Member, provided an update on the Outreach Working Group and noted that members of the Subcommittee attended the Fletcher’s Creek SNAP (Sustainable Neighbourhood Retrofit Action Plan) Neighbourhood Event to promote the Environment Advisory Committee and the Grow Green Network. Mr. Boston noted that the Subcommittee has been developing eco-challenges to include on the Committee’s web page.

In response to questions from Committee, staff noted that the Strategic Communications office is designing promotional materials for the committee such as post cards. Draft materials will be shared with the Committee when available.

The following motion was considered:
EAC033-2016 That the verbal update from Trevor Boston, Member, to the Environment Advisory Committee Meeting of October 18, 2016, re: Outreach Working Group be received. 

Carried

6.2. Verbal Update from Joshua Teves, Member, re: Web-page Content Working Group

Joshua Teves, Member, provided an update on the Web-page Content Working Group and noted the initiatives and links that the Subcommittee would like featured on the webpage.

In response to questions from Committee, staff noted that the City’s website will include three web-pages dedicated to the Environment Advisory Committee. Web-page content will be uploaded to the Committee’s web-pages, once it has been finalized and received by the City’s IT division.

The following motion was considered:

EAC034-2016 That the verbal update from Joshua Teves, Member, to the Environment Advisory Committee Meeting of October 18, 2016, re: Web-page Content Working Group be received.

Carried

7. Environmental Ideas - nil

8. Other/New Business

8.1. Discussion at the request of David Laing, Co-Chair, re:

- Eco-challenges and Events for 2017
- Grow Green Network 2017 Kick-off Event
- Blog Site and Monthly Newsletter

Committee consideration of the matter included:

- Eco-challenges and events for 2017
  - Finalization and launch of challenges
  - Incentives and encouraging participation
  - Long term goals and recognizing achievements
  - Communication and education
- Grow Green Network 2017 Kick-off Event
  - Location of event and invitation list
9. **Correspondence** - nil

10. **Question Period**

    In response to a question from a member of the public, Michael Hoy, Environmental Policy Planner, Planning and Development Services, noted that waste recovery is a Regional matter and is guided by legislation.

11. **Public Question Period** - nil

12. **Adjournment**

    EAC035-2016 That the Environment Advisory Committee do now adjourn to meet again on Tuesday, December 13, 2016, at 6:00 p.m.

        Carried

_________________________          ____________________________
Shintu Cherian Manathara, Co-Chair          David Laing, Co-Chair
DISCUSSION QUESTIONS REGARDING MTO CYCLING INITIATIVES UNDER THE CLIMATE CHANGE ACTION PLAN

PLAN TO IMPROVE COMMUTER CYCLING NETWORKS

Question: What infrastructure should be prioritized to make cycling in Ontario safer and more convenient to support commuter cycling between residential communities, major transit stations, employment areas and other destinations travelled to on a frequent basis?

Answer: The Province should work with local and regional governments to improve cycle route crossings of 400 series highways. In our city of Brampton cycling infrastructure on local roads, where it intersects with a provincial highway right of way, is inconsistently managed. There are many examples where bicycle facilities simply disappear without warning at the approach to a 400 series bridge only to reappear on the other side. Cyclists are left to determine the best way to cross. In some places there isn’t even a contiguous sidewalk for the cyclist to dismount and walk across. This leads to unsafe, uncomfortable or inconvenient conditions which deter many cyclists from using these routes. Brampton has a large number of provincial highways running through or around its borders. These highways currently represent a significant barrier to the implementation of local cycling networks.

The Province should also work with local governments to install or upgrade cycling infrastructure in and around school zones. According to traffic studies parents driving their children to and from school represent more than 20% of the morning and afternoon rush hour vehicles on the road. Cars park and sit idling while waiting for pick-up. Many of the children being driven live within an easy walking or cycling distance from their school yet parents still drive because of concern about road safety. These unnecessary car trips contribute to road congestion, carbon emissions and also create unsafe conditions for children wishing to commute by active transportation.

A third priority would be for the Province to work with local governments to define and build cycling networks to connect people where they live to places where they want to go, be it places of work, schools, places of worship or places to shop or have fun. Providing, safe and convenient on-street bicycle facilities will encourage more people to use bicycles for utilitarian purposes thus reducing motorized vehicular load and making cycling a normalized behaviour for routine daily transportation.

Question: What evidence can demonstrate the impact of cycling infrastructure investments on the number of cyclists and on GHG emissions?

Answer: Reducing GHG emissions will occur by having fewer cars on the road or, at the very least, reduced growth in car usage when compared to population or economic growth.
Therefore, Provincial investments in cycling infrastructure should be prioritized based primarily on their ability to encourage and support mode shift away from personal vehicles by getting more people using bicycles for transportation. Significant mode shift is required; it will not be sufficient for the percentage of cycling trips to simply double. Cycling must become a normalized mode of travel. Mode share growth to 7-10% of daily traffic flows, (excluding Provincial highways), should be the target within the next decade. The fallout from achieving these targets will be improved air quality, increased economic growth for retail business, reduced healthcare costs, reduced traffic congestion and increased tourism spending.

**LOCAL CYCLING INFRASTRUCTURE**

**Question:** For local cycling networks, what types of cycling infrastructure would best support commuter cycling between residential communities, major transit stations, employment areas and other destinations travelled to on a frequent basis?

**Answer:** Encouraging more utilitarian cycling means cycling infrastructure must be safe, convenient and predictable. Safety means reducing risk to vulnerable road users as much as possible. Convenience means proximity of cycling infrastructure to destinations. Predictability means well signed and signalled infrastructure with clearly marked hazards, and minimal breaks or unnecessary detours. These priorities will conflict on occasion so building appropriate cycling infrastructure often involves trade off decisions. Appropriately designed infrastructure reduces risk and increases comfort levels for vulnerable road users thereby encouraging more cycling. Infrastructure that is overdesigned, for safety, however, can lead to reduced convenience resulting in infrastructure being underutilized. Where possible bicycle infrastructure should be barrier or grade separated from other traffic but sometimes, for the sake of convenience, bicycles will be required to share the road with other vehicles. In these cases, steps should be taken to minimize speed variations and improve car bicycle interaction.

**PROVINCIAL CYCLING INFRASTRUCTURE**

**Question:** What types of cycling infrastructure on provincial highways would best support commuter cycling between residential communities, major transit stations, employment areas and other destinations travelled to on a frequent basis?

**Answer:** Wide paved shoulders with appropriate bike route signage should be sufficient to meet the needs of the majority of commuter cyclists using provincial roads. Consideration should be given to providing barrier separated infrastructure on heavily travelled routes.

**BICYCLE PARKING**

**Question:** What types of bike parking facilities (e.g., bike racks, lockers, fee-based enclosures) are needed to support cycling for commuting and other frequent trips?
**Answer:** For commuting trips, where the bicycle could be left for hours at a time, bicycle parking should be secure, physically safe, well-lit and protected from the elements.

**Question:** What types of government-owned, publicly accessible facilities should have bike parking?

**Answer:** All government buildings including Service Ontario stores should have sufficient bicycle parking to accommodate the needs of both employees and clients. All provincially funded education facilities including schools, colleges and universities should have bicycle parking for students and staff.

**Question:** What types of transit or transportation stations should have bike parking to support improved cyclist access (e.g., GO Stations, LRT stations, bus terminals)?

**Answer:** All transit and transportation stations should have on-site or nearby available bike parking that is physically safe and well-lit.

**Question:** What types of private facilities could potentially be eligible to receive provincial funding for bicycle parking facilities?

**Answer:** Provincial funding for bicycle parking could be provided to private sector organizations as part of local BIA streetscape projects to establish walkable and bikeable complete communities or as incentives to businesses looking to establish an active transportation commuting program designed to reduce greenhouse gas emissions.
# Environment Advisory Committee

## 2017 Schedule of Meetings

All hearings commence at 6:00 p.m. and are held in Boardroom WT-2C – West Tower

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**Members:** If you are unable to attend a meeting, please contact Shauna Danton, Legislative Coordinator, at (905) 874-2116 or via email at shauna.danton@brampton.ca at your earliest possible convenience.

A minimum of 7 members must be present to achieve quorum and proceed with the hearing.