



# MINUTES

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## ENVIRONMENTAL ADVISORY COMMITTEE

THE CORPORATION OF THE CITY OF MISSISSAUGA

[www.mississauga.ca](http://www.mississauga.ca)

**TUESDAY, May 3, 2011 – 9:12 AM**

COUNCIL CHAMBER, 2<sup>ND</sup> FLOOR, CIVIC CENTRE  
300 CITY CENTRE DRIVE, MISSISSAUGA, ONTARIO L5B 3C1

- MEMBERS PRESENT: Councillor George Carlson, Ward 11 (Chair)  
Councillor Frank Dale, Ward 4 (Departed 10:56 am)  
Dr. Brad Bass, Citizen Member  
Sophia Chalaidopoulos, Citizen Member  
Michael DeWit, Citizen Member (Vice-Chair)  
Peter Orphanos, Citizen Member  
Maureen Ricker, Citizen Member  
Angie Sanchez, Student Rep. University of Toronto in Mississauga  
Lucas Krist, Peel Environmental Youth Alliance (PEYA)
- MEMBERS ABSENT: Hassaan Basit, Citizen Member  
Councillor Jim Tovey, Ward 1 (Illness)
- STAFF PRESENT: Brenda Osborne, Manager, Environmental Management  
Andrea J. McLeod, Environmental Coordinator  
Lisa Urbani, Environmental Research Assistant  
Mary Bracken, Project Lead, Living Green Master Plan  
Eric Menezes, Streetlighting Coordinator, Traffic Operations  
Eva Kliwer, Planner, Policy Planning  
Karin Ann Brent, Legislative Coordinator, Office of the City Clerk  
Carmela Radice, Legislative Coordinator, Office of the City Clerk

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CALL TO ORDER – 9:12am

APPROVAL OF AGENDA

DECLARATIONS OF DIRECT OR INDIRECT PECUNIARY INTEREST - Nil

MINUTES OF PREVIOUS MEETING(s)

- April 5, 2011

PRESENTATIONS

A Civic Recognition Program - Certificates

DEPUTATIONS

- A Natural Areas Survey 2010 Update  
presented: Eva Kliwer – Planner, Policy Planning Division  
Planning and Building
- B Natural Heritage System Strategy  
presented by: Ruth Marland, Team Leader, Long Term Planning  
Community Services
- C Sustainable Neighbourhood Action Plan (SNAP)  
presented by: Muneef Ahmad, Water Resources Engineer  
Transportation and Works Department
1. Business Arising From Minutes of Previous Meeting(s)
    1. Natural Areas Survey 2010 Update
    2. Motion Seeking a Natural Areas Action Team
    3. Living Green Master Plan – Update
    4. Region of Peel Climate Change Strategy
  2. New Business
    1. Call For Presenters and Topic Ideas Credit Valley Conservation’s  
Stewardship Forum and Volunteer Appreciation Event
    2. Climate Change Adaptation Strategy and Action Plan

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3. Information Items Nil

OTHER BUSINESS

1. Richard Jones Park tree planting on May 7, 2011
2. Riverwood walk and talk presented by Credit Valley Conservation on May 28, 2011
3. Sierra Club publication on Mississauga's Natural Capital

NEXT MEETING DATE(s)

- June 7, 2011 – 9: 00 AM – Council Chamber 2<sup>nd</sup> Floor, Civic Centre

ADJOURNMENT 11:16 am

CALL TO ORDER – 9:12am

APPROVAL OF AGENDA

Councillor Frank Dale moved approval of the agenda, as presented.

CARRIED

APPROVED (Councillor F. Dale)

DECLARATIONS OF DIRECT OR INDIRECT PECUNIARY INTEREST - Nil

MINUTES OF PREVIOUS MEETING(s)

Minutes of the Environmental Advisory Committee meeting held on April 5, 2011

APPROVED (Dr. Brad Bass)

PRESENTATION

A Civic Recognition Program - Certificates

Chairman Councillor George Carlson presented the recognition certificates to Citizen Member Peter Orphanos for achievement “Over 30 years of advocating protection of the Credit Valley System in Mississauga and Peel Region.” and spoke about Peel Environmental Youth Alliance Coordinator Darius Chia achievement of the “Dynamic youth advocacy for environmental issues and policies in Mississauga and Peel Region.”

DEPUTATIONS

A Natural Areas Survey 2010 Update  
presented by: Eva Kliwer Planner, City-Wide Planning Section, Policy Planning Division  
Planning and Building.

Eva Kliwer City-Wide Planning Section, Policy Planning Division Planning and Building  
presented a 2010 Update of the Natural Areas Survey and highlighted Mississauga natural  
areas and linkages.

Citizen member Dr. Brad Bass inquired about the criteria for a linkage area. Ms. Kliwer  
indicated that in the appendix of the Report Natural Areas Survey 2010 Update there is a  
description of all the different components of the natural areas system.

Citizen member Maureen Ricker inquired about how much the potential maximum  
percentage will be of the natural areas in the City. Ms. Eva Kliwer indicated that the

potential maximum percentage of natural areas in the City of Mississauga would be twenty five percent.

Citizen member Sophia Chalaidopoulos inquired about the Natural Areas Update on the 7.1% inclusions if it is a change in the definition not an actual increase. Ms. Kliwer mentioned that our consultants go out with using the same criteria and look at the plant species on the ground. Ms. Chalaidopoulos also commented on the Naturalized Areas, and she feels like they are not naturalized areas because they are not being maintained or sustained. Decrease in native plants, is there anything that is being addressed about that. Ms. Kliwer indicated that she is aware that Credit Valley Conservation and Community Services work together and try to remove invasive species.

#### Recommendation

EAC-0008-2011

That the PowerPoint presentation regarding the Natural Areas Survey 2010 Update by Eva Kliwer Planner, City-Wide Planning Section, Policy Planning Division Planning and Building.

RECEIVED FOR INFORMATION (P. Orphanos)

#### B Natural Heritage System Strategy

presented by: Ruth Marland, Team Leader, Long Term Planning, Park Planning Section, Planning Development and Business Services Division, Community Services Department.

Ms. Marland in the deputation highlighted the draft goal which is about building on the work that had been done through the Natural Heritage System Strategy. By planning to do an update to harmonize the work that had been done by other government agencies and bring together a unified sustainable planning and management systems approach of the Natural Heritage.

Dr. Brad Bass noted that he requested that the Environmental Advisory Committee be involved in the Natural Heritage System Strategy consultant procurement. Ms. Marland indicated that she would enquire of the protocol with Materiel Management division.

#### Recommendation

EAC-0008-2011

That the PowerPoint presentation regarding the Natural Heritage System Strategy by Ruth Marland, Team Leader, Long Term Planning, Park Planning Section, Planning Development and Business Services Division, Community Services Department .

RECEIVED FOR INFORMATION (Councillor F. Dale)



- C Sustainable Neighbourhood Action Plan (SNAP)  
presented by: Muneef Ahmad, Water Resources Engineer, Environmental Service  
Section Transportation and Infrastructure Planning Division, Transportation and Works  
Department.

Muneef Ahmad in the deputation highlighted the project themes such as Energy use and Conservation, Water Use and Conservation, Storm water management are some core themes that were presented. Process to date is the internal team selection and the neighbourhood selection and the next steps in the process is grant applications, establishing technical objectives and initial stakeholder contact and engagement plan.

Vice Chair, Mr. DeWit indicated that he is interested in the types of strategies that maybe proposed to increase water infiltration in the neighbourhood and what types of project themes will be used to encourage homeowners and businesses to participate and how SNAP will approach two stakeholders for each piece of property. Sonya Meek, B.E.S., M.Sc. Manager, Watershed Planning Ecology Division, Toronto and Region Conservation Authority advised that SNAP looks at the willingness and the interests of the homeowners and businesses in the neighbourhood to see what retrofit(s) will best be suited there.

Ms. Chalaidopoulos asked who determines what the needs are of the pilot neighbourhood and how are the neighbours going to be engaged. Mr. Ahmad indicated that study teams from the City and the Toronto and Region Conservation Authority (TRCA) will use a variety of methods to engage the key stakeholders to encourage uptake of projects. He further advised the project should be completed 2013-2014 and he would provide an update in the later part of this year.

Citizen member Peter Orphanos suggested that this is a great initiative because it gets out to the homeowners and businesses at the ground level. He would like to see Credit Valley Conservation (CVC) and Region of Peel as partners in the project to avoid duplication.

Chair, Councillor George Carlson spoke to where this project could go in the future. Mr Ahmad speaks to the fact that TRCA is here to provide themselves as a resource of their knowledge and experience with the SNAP project. In moving forward the City will take on the philosophy of SNAP.

#### Recommendation

EAC-0008-2011

That the PowerPoint presentation regarding the Sustainable Neighbourhood Retrofit Action Plan (SNAP) by Muneef Ahmad, Water Resources Engineer, Environmental Service Section Transportation and Infrastructure Planning Division, Transportation and Works Department.

RECEIVED FOR INFORMATION (P. Orphanos)

MATTERS CONSIDERED1. Business Arising From Minutes of Previous Meeting(s)1. Natural Areas Survey 2010 Update

A Memorandum dated March 21, 2011 from John Calvert, the Director of the Policy Planning Division of the Planning and Building Department, presents an update on the Natural Areas Survey 2010 bound report.

Recommendation

EAC-0008-2011

That the Memorandum dated March 21, 2011 from John Calvert, Director Policy Planning Division, Planning and Building Department, presents an update on the Natural Areas Survey 2010 bound report.

RECEIVED FOR INFORMATION (Councillor F. Dale)2. Motion Seeking a Natural Areas Action Team

Citizen Member Peter Orphanos presented a motion to the Environmental Advisory Committee at the meeting on April 5<sup>th</sup>, 2011 which was referred to this meeting for consideration. Subsequently, Mr. Orphanos met with staff and wished the Committee to consider the following motion which is an amended version of the motion presented to the Committee on April 5, 2011.

Chairman Councillor George Carlson suggested that the fourth recital in the motion be deleted. Ruth Marland, Team Leader, Long Term Planning noted that the fourth recital could be achieved as one of the deliverables on the Natural Heritage Systems Strategy.

Recommendation

EAC-0009-2011

**WHEREAS** surveys and consultations as part of the Strategic Plan, Living Green Master Plan, Canadian Heritage River System initiative and the Credit River Parks Strategy show clearly that the public is unanimous in their support of natural areas as a priority; and  
**WHEREAS** every Natural Area Survey has concluded that we need to "...increase the proportion of the City occupied by natural habitat..."; and  
**WHEREAS** there are presently around 7% natural areas in Mississauga, substantially below the 30% recommended by Environment Canada; and  
**WHEREAS** increased intensification in the future will greatly increase the need for natural areas;  
**NOW THEREFORE**, Be It Resolved That a Natural Heritage Action Team, comprised of appropriate stakeholders, including EAC, relevant Conservation Authorities and major non-government organizations (NGO)s be included in the development of a Natural Heritage Strategy and include the Action Team in the Natural Heritage Strategy Terms of Reference. This Action Team will provide input in the development of the Natural Areas Strategy.

APPROVED

3. Living Green Master Plan – Update

Mary Bracken Project Lead, Living Green Master Plan, Environmental Management Section Recreation and Parks Division, Community Services Department gave a verbal update on the Living Green Master Plan, including the timing of presenting the draft Plan to this committee.

Recommendation

EAC-0008-2011

That the verbal report regarding the progress of the Living Green Master Plan, including the timing of presenting the draft Plan, by Mary Bracken Project Lead, Living Green Master Plan, Environmental Management Section Recreation and Parks Division, Community Services Department.

RECEIVED FOR INFORMATION (P. Orphanos)

4. Region of Peel Climate Change Strategy

Brenda Osborne, Manager of Environmental Management, Community Services Department gave a verbal update about the status of the Region of Peel Climate Change Strategy.

Citizen Member Dr. Brad Bass suggested that the Living Green working meeting take place after staff have provided EAC with a summary report of the Provincial Climate Change Adpatation Strategy and Action Plan.

Recommendation

EAC-0008-2011

That the verbal report about the status of the Region of Peel Climate Change Strategy by Brenda Osborne, Manager of Environmental Management, Environmental Management Section, Recreation and Parks Division, Community Services Department.

Received for Information (Dr. Brad Bass)

## 2. New Business

### 1. Call For Presenters and Topic Ideas Credit Valley Conservation's Stewardship Forum and Volunteer Appreciation Event

The Credit Valley Conservation is hosting a Stewardship Forum on Saturday, October 15, 2011 at the University of Toronto – Mississauga Campus (UTM), and is seeking ideas for this event.

The theme for this year's forum is: ***Forests: Rooted in Our Community***

Citizen Member Dr. Bass noted that he presented at the last forum in 2010 and suggested that the City consider sending the Forestry staff to represent the City. Citizen Member Michael DeWit suggested that the City present on the Living Green Master Plan's vision on forestry at the Forum. Dr. Bass further suggested that staff consider having a display about the Living Green Plan, Natural Heritage Strategy, Sustainable Neighbourhood Action Plan (SNAP) and Regional Climate Change Adaptation Strategy and Action Plan. Environmental Management staff confirmed they would submit a Speaker application and request booth space at the event.

### Recommendation

EAC-0008-2011

That a Call for Presentations and Topics of Interest for the Credit Valley Conservation's fall Stewardship Forum scheduled for Saturday, October 15, 2011 at the University of Toronto – Mississauga Campus (UTM), with the theme: ***Forests: Rooted in Our Community***.

RECEIVED FOR INFORMATION (Dr. Brad Bass)

## 2. Climate Change Adaptation Strategy and Action Plan

The following documents are presented for review and information of the Environmental Advisory Committee:

- Ministry of the Environment (MOE) Backgrounder dated April 21, 2011 titled "Climate Change Adaptation"
- Copy of the MOE 2011 report titled "Climate Action Adapting to Change, Protecting Our Future"
- Copy of the MOE 2011-2014 report titled "Climate Ready Ontario's Adaptation Strategy and Action Plan"

Brenda Osborne, Manager of Environmental Management advised that she would provide a synopsis of the Provincial Climate Change Strategy report at the next meeting on June 7<sup>th</sup>, 2011.

### Recommendation

EAC-0008-2011

Ministry of the Environment (MOE) Backgrounder dated April 21, 2011 titled "Climate Change Adaptation", the MOE 2011 report titled "Climate Action Adapting to Change, Protecting Our Future" and the MOE 2011-2014 report titled "Climate Ready Ontario's Adaptation Strategy and Action Plan".

Deferred (Vice Chair M. DeWit)

### INFORMATION ITEMS Nil

### OTHER BUSINESS

Citizen member Peter Orphanos mentioned that on May 7<sup>th</sup>, 2011 there was tree planting at Richard Jones Park and on May 28<sup>th</sup>, 2011 at Riverwood the Credit Valley Conservation is having a walk and talk presentation and that committee members and council have been invited to attend.

Peter Orphanos inquired about the follow up to the Cawthra Bush issue and the City's protocol for tree cutting. Samantha Chung Forest Ecologist was requested to contact Mr. Barber and answer any questions he may have. Mr. Barber noted that he had asked to be part of a proposed Cawthra Bush Task Force and he has never been contacted. Mr. Orphanos requested that staff contact Mr. Barber to provide an update on the status of the proposed Task Force.

### NEXT MEETING DATE(s)

- June 7, 2011 – 9: 00 AM – Council Chamber 2<sup>nd</sup> Floor, Civic Centre

ADJOURNMENT - 11:16 am

REPORT 3-2011

TO: GENERAL COMMITTEE

The Mississauga Environmental Advisory Committee presents its third report of 2011, and recommends:

EAC-0005-2011

That it be acknowledged the following presentations and items were received for information by the Environmental Advisory Committee at its meeting on April 5, 2011:

- a PowerPoint presentation regarding Storm Water Pollution Prevention Demonstration Projects in Mississauga presented by Kyle Vander Linden, Water Resource Specialist with Credit Valley Conservation.
- a PowerPoint presentation titled "Moving Mississauga" presented by Steve Ganesh, Transportation Planner, City of Mississauga Transportation and Works Department.
- a PowerPoint presentation titled "Visualizing Mississauga's Natural Areas" presented by Steve Czajka, Supervisor of Information Planning, Policy Division, City of Mississauga Planning and Building Department.
- a Memorandum dated March 30, 2011 from Rajan Balchandani, Manager of Energy Management, Facilities and Property Management Division, Corporate Services Department providing highlights of the City of Mississauga energy-saving initiatives.
- a Memorandum dated March 29, 2011 from Brenda E. Osborne, Manager of Environmental Management Section, Community Services Department responding to respective enquiries raised at the meetings of this committee on February 1, 2011 and March 1, 2011 on the following topics:
  - Lake Ontario Integrated Shoreline Strategy (LOISS)
  - Region of York Waste Water processing by the Region of Peel
  - Cawthra Woodlot
  - Natural heritage conservation
  - Solar power energy equipment in city facilities
  - Electronic recycling
  - Biological treatment of run-off water from roads
  - Earth Hour activities
- a Memorandum dated March 29, 2011 from Andrea J. McLeod, Environmental Coordinator, Environmental Management Section, Community Services Department, reporting the results of the 2011 Earth Hour.
- an email relaying an Invitation to the Special Meeting of the Clean Air Council – May 27, 2011 at the McLaughlin Library and Gallery in Oshawa, Ontario.
- an extract of Recommendation GC-0140-2011 adopted by Council on March 31, 2011, and a copy of the Corporate Report dated March 3, 2011 titled "Southwest Greater Toronto Area (GTA) Oakville-Clarkson Airshed Action Plan Update (Ward 1 and Ward 2)" from the Commissioner of Community Services presented to General Committee of Council on March 23, 2011.

(EAC-0005-2011)

EAC-0006-2011

WHEREAS at its meeting on March 1, 2011, the Mississauga Environmental Advisory Committee received a deputation regarding recycling and proper disposal of used or unwanted electronic devices;

AND WHEREAS electronics contain a variety of materials that can pose problems to human health and the environment if not managed properly at end of life;

AND WHEREAS statistics indicate that in Canada, the volume of e-scrap is expected to reach 225,000 tonnes in 2010;

AND WHEREAS 50-80% of all e-scrap generated in North America is shipped to developing countries, while the remainder is land filled;

AND WHEREAS only 11% of Canadian e-scrap is currently recycled properly;

NOW THEREFORE BE IT RESOLVED that the City of Mississauga Environmental Management staff be directed to review and report back to the Environmental Advisory Committee regarding the feasibility of implementing an education and awareness program through which to encourage the residents and businesses of Mississauga and the Region of Peel to recycle or properly dispose of their unwanted electronic devices.

(EAC-0006-2011)

EAC-0007-2011

1. That Council be advised that the Environmental Advisory Committee endorses a city-wide retrofit of the existing high pressure sodium (HPS) streetlight luminaires to light emitting diode (LED) luminaires with a streetlight monitoring system (SMS).
2. That a strategy and budget for retrofitting streetlights with LED luminaires on a City-Wide basis, including a monitoring system, be addressed through the 2012 Budget Process.
3. That the installation of LED streetlighting system commence in 2011 for all new installations, pending the development of standards and specifications for the purpose of establishing pre-qualified vendors for LED streetlighting systems.
4. That the Corporate Report dated March 4, 2011 from the Commissioner of Transportation and Works regarding a City-Wide retrofit program be forwarded to General Committee for information.

(EAC-0007-2011)