



MINUTES

ENVIRONMENTAL ADVISORY COMMITTEE

THE CORPORATION OF THE CITY OF MISSISSAUGA

www.mississauga.ca

TUESDAY, MARCH 6, 2012 – 9 A.M.

COUNCIL CHAMBER

SECOND FLOOR, CIVIC CENTRE

300 CITY CENTRE DRIVE, MISSISSAUGA, ONTARIO, L5B 3C1

www.mississauga.ca

MEMBERS PRESENT:

Councillor George Carlson, Ward 11 (CHAIR)
Michael DeWit, Citizen Member (VICE-CHAIR) (departure at 10:38 a.m.)
Councillor Jim Tovey, Ward 1
Councillor Frank Dale, Ward 4
Dr. Brad Bass, Citizen Member
Sophia Chalaidopoulos, Citizen Member

MEMBERS ABSENT:

Hassaan Basit, Citizen Member
Peter Orphanos, Citizen Member
Maureen Ricker, Citizen Member

AGENCY LIAISONS PRESENT:

Elaine Hanson, Sheridan College, Office for Sustainability
Lucia Hlasna, University of Toronto at Mississauga (arrival at 9:20 a.m.)
Lucas Krist, Peel Environmental Youth Alliance
Stephanie Crocker, EcoSource

STAFF PRESENT:

Rajan Balchandani, Manager, Energy Management
Ella Basic, Public Affairs Consultant
Mary Bracken, Project Lead, Living Green Master Plan
Jane Darragh, Planner, Park Planning Section
Mike Maloney, Supervisor, Tree Protection and Preservation, Urban Forestry
Andrea J. McLeod, Environmental Coordinator
Samina Mehar, Energy Management Coordinator
Brenda Osborne, Manager, Environment
Lisa Urbani, Environmental Research Assistant

CONTACT PERSON: Julie Lavertu, Legislative Coordinator
Office of the City Clerk, Telephone: 905-615-3200, ext. 5471; Fax 905-615-4181

Julie.Lavertu@mississauga.ca

NOTE: The Committee changed the order of the Agenda during the meeting. These Minutes reflect the order of the meeting.

CALL TO ORDER – 9:04 a.m.

APPROVAL OF AGENDA

The Chair welcomed Ms. Hanson to the Committee. Ms. Hanson thanked the Chair and said that she was excited to join the Committee and work with staff.

Approved (F. Dale)

DECLARATIONS OF DIRECT (OR INDIRECT) PECUNIARY INTEREST – Nil

PRESENTATIONS/DEPUTATIONS

A. Ella Basic, Public Affairs Consultant, with respect to Earth Days 2012.

Ms. Basic discussed various Earth Days 2012 events in March and April 2012, noted that Glad Canada is sponsoring litter clean-up kits, stated that participants can register for the events on the City's website, and noted that Communications staff is targeting residents, businesses, and schools and partnering with organizations like EcoSource and Credit Valley Conservation for some events.

Ms. Hanson and Councillor Tovey requested that Ms. Basic provide them with detailed information about the events for their contacts. Committee members discussed the various events, 20-minute makeover events at schools during Earth Week, and the communication tools to make residents aware about these events.

B. Jane Darragh, Planner, Park Planning Section, and Mike Maloney, Supervisor, Tree Protection and Preservation, Urban Forestry, with respect to the proposed amendments to Tree Permit By-Law 475-05.

Ms. Darragh and Mr. Maloney presented a PowerPoint presentation entitled "Proposed Amendments to Tree Permit Bylaw 475-05" and discussed the benefits of trees, the City's urban forest, the policy and regulatory contexts, tree policies in other municipalities, and differences between the existing Tree Permit By-Law 475-05 and the proposed Private Tree Protection By-Law. Mr. Maloney distributed two disks of trees for the Committee's information. Ms. Darragh said that Council recently approved public meetings on this issue.

Committee members discussed the City's refund policies for the replacement of trees, Oakville's tree policies, how the proposed by-law would protect mid-sized trees, policies regarding the removal of trees, reinstating trees, the importance of informing residents about the structural and natural capital value of trees on public

and private property, the importance of developing a communications strategy and obtaining buy-in from residents, internal capacity for the proposed by-law, the diameter of replacement trees, and the possibility of staff reviewing the tree-related policies of various municipalities in the United States.

Ms. Hlasna arrived at 9:20 a.m.

In response to questions from the Committee, Ms. Darragh and Mr. Maloney shared the information below:

- Clarification about the City's refund policies for the replacement of trees;
- Clarification about Oakville's tree policies;
- Under the proposed by-law, residents seeking to remove trees 30 centimetres in diameter or greater would be subject to a permit process;
- Staff seeks to prevent the indiscriminate removal of trees and encourage residents to plant replacement trees elsewhere on their properties. If the latter is not possible, residents will need to contribute to a fund to plant trees in the City. Criteria for the removal of trees is being drafted by staff;
- The proposed by-law will address reinstating or replanting trees which occurs when the by-law is contravened;
- The structural value of the City's trees was drawn from the Region of Peel's Urban Forest Strategy. Staff will review the data on this matter and have started to assess trees on their social, economic, and health benefits;
- Staff can obtain information about the amenity value of different species of trees from the International Society of Arboriculture;
- Staff in Oakville are planning to amend their tree by-law in the near future because they are displeased with certain aspects of their by-law; and
- Clarification on the diameter of replacement trees.

The Chair asked that the Committee be updated after the public consultations. Ms. Darragh noted that staff will conduct City-wide consultations about the proposed by-law and return to General Committee and the Committee in the near future.

Recommendation

EAC-0006-2012

That the PowerPoint presentation, dated March 6, 2012 and entitled "Proposed Amendments to Tree Permit Bylaw 475-05," by Jane Darragh, Planner, Park Planning Section, and Mike Maloney, Supervisor, Tree Protection, Urban Forestry, to the Environmental Advisory Committee on March 6, 2012 be received.

Received (E. Hanson)

- C. Item 2 Rajan Balchandani, Manager, Energy Management, and Samina Mehar, Energy Management Coordinator, with respect to energy benchmarking, energy awareness, and retro-commissioning (EBEAR) Program.

Mr. Balchandani and Ms. Mehar presented a PowerPoint presentation entitled “Energy Benchmarking, Energy Awareness & Retro-Commissioning Program.” Mr. Balchandani discussed the City-wide energy audit in 2007, various energy management projects, energy consumption and greenhouse gas (GHG) emissions in facilities, the *Ontario Green Energy Act*, energy management initiatives in Mississauga, new directions on energy conservation, the Energy Benchmarking, Energy Awareness, and Retro-Commissioning (EBEAR) Program, energy consumption benchmarking, and benchmarking at community centres.

Ms. Mehar discussed the energy awareness training and communication program, the role of facility occupants and operators, energy awareness partnerships, the Retro-Commissioning Program and its benefits, planning, implementation, and evaluation, and the value of turning words into actions for energy conservation.

The Committee decided to deal with Item 2 at the same time as this deputation.

2. Energy Benchmarking, Energy Awareness, and Retro-Commissioning (EBEAR) Program

Corporate Report dated February 21, 2012 from the Commissioner of Corporate Services and Treasurer with respect to energy benchmarking, energy awareness, and retro-commissioning (EBEAR) program.

Committee members discussed the savings from energy conservation projects, a possible media release on the savings from energy conservation measures, *Green Energy Act* reporting requirements for municipalities, water consumption/rates/conservation, partnerships with Facilities and Property Management (F&PM) and Region of Peel staff, EBEAR Program funding, the City’s long-term environmental plan, Sheridan College’s various energy conservation initiatives and possible partnerships with the City, measuring returns on investments, GHG emissions data, the impact of the BRT project on GHG emissions, the impact of LED streetlights, the possibility of providing facility occupants with control over their own lighting and heating via new technologies, recent changes in lighting, and ways to communicate conservation statistics to residents.

In response to questions from the Committee, Mr. Balchandani and Ms. Mehar shared the information below:

- The savings from energy conservation measures go toward reducing utility costs which have increased. Utility costs are broken down by department;
- Staff will work with Communications staff on a media release regarding the savings from energy conservation measures;
- The Committee will receive an update from staff on the EBEAR Program after the completion of the City’s first report under the *Green Energy Act*;
- Mr. Balchandani and Ms. Mehar are part of F&PM and work closely with F&PM staff on various projects;
- Clarification about water audits and issues;

- Staff have started meeting with Region of Peel staff to share information about climate change issues and GHG emissions;
- No extra monies were requested from Council for the EBEAR Program, as the City has received several grants. Monies will be sought in 2013;
- The Strategic Plan and the Living Green Master Plan (LGMP) comprise the City's long-term vision on environmental issues. The City has no long-term energy conservation plan for the community, but it may be useful to develop this kind of plan in the future;
- Staff has borrowed reserve fund monies for energy conservation initiatives in the past. Establishing a revolving fund could be an option in the future;
- Staff would like to receive information about Sheridan College's energy conservation programs and explore partnership opportunities with them;
- Overall, the capital costs invested by the City in these projects are about five to six times higher the annual recurring savings;
- The GHG emissions data in the presentation is for the City's buildings;
- The financial cost of the LED streetlights will be shared with Mr. Krist;
- Many facility occupants have individual light switches and thermostats. However, larger buildings are controlled by centralized building systems. Staff regularly monitor energy conservation technologies;
- The shifts in lighting in recent years due to technological developments;
- Energy consumption statistics (e.g., on a per square foot/resident basis) can be computed by staff and provided to the Committee; and
- In the near future, staff will be able to access energy monitoring software from their desktops. Facilities receive energy consumption data quarterly.

Ms. Osborne discussed community energy planning, noted that Environmental Management staff is discussing this matter with Strategic Policy staff, and stated that she would follow up with Ms. Hanson on possible partnership opportunities.

Recommendation

EAC-0007-2012

1. That the PowerPoint presentation, entitled "Energy Benchmarking, Energy Awareness & Retro-Commissioning Program," by Rajan Balchandani, Manager, Energy Management, and Samina Mehar, Energy Management Coordinator, to the Environmental Advisory Committee on March 6, 2012 be received; and
2. That the Corporate Report dated February 21, 2012 from the Commissioner of Corporate Services and Treasurer entitled "Energy Benchmarking, Energy Awareness, and Retro-Commissioning (EBEAR) Program" be received and that a deputation on this matter be made to General Committee in the near future.

Received/Approved (M. DeWit)

MATTERS TO BE CONSIDERED

1. Approval of Minutes of Previous Meeting

Minutes of the meeting held February 7, 2012.

Councillor Tovey requested that the minutes be amended to indicate that his absence was due to Other Municipal Business, as he was attending two conferences in Ottawa. The Chair asked that the minutes be amended to indicate that Lea Ann Mallett was present, rather than absent.

Approved as Amended (J. Tovey)

3. Approval of Drive-Throughs in the City of Mississauga

Memorandum dated February 21, 2012 from Mayor Hazel McCallion with respect to the approval of drive-throughs in the City of Mississauga.

Committee members discussed the Memorandum and drive-throughs in the City. Ms. Osborne noted that the LGMP does not address drive-throughs/land use, as these issues are addressed in the Official Plan. She added that the Committee discussed drive-throughs in 2008 which led to the City's Anti-Idling Control By-Law. She asked that this matter be referred to Environmental Management staff.

The Chair suggested that staff follow up with the Mayor to obtain clarification on her Memorandum. He added that it may be useful to provide the Committee with a four- or five-year review of the City's drive-through policies at some point.

Recommendation

EAC-0008-2012

That the Memorandum dated February 21, 2012 from Mayor Hazel McCallion with respect to the approval of drive-throughs in the City of Mississauga be received and referred to Environmental Management staff to follow up with the Mayor to clarify the context of her Memorandum and that this matter be returned to a future Environmental Advisory Committee meeting for consideration.

Received/Referred (B. Bass)

4. DRAFT Upcoming Agenda Items and Environmental Advisory Committee (EAC) Role

Chart from Environmental Management staff with respect to DRAFT upcoming agenda items and Environmental Advisory Committee (EAC) role.

Mr. DeWit departed at 10:38 a.m.

Ms. Osborne discussed the chart (an amended version was distributed to the Committee at the beginning of the meeting by Ms. Lavertu) and the Committee's potential roles. She said that Environmental Management staff would begin formally using the chart once it was approved by the Committee.

Councillor Tovey suggested that staff revise the chart to include brief descriptions about upcoming agenda items to assist Committee members.

Recommendation

EAC-0009-2012

That the chart from Environmental Management staff with respect to DRAFT upcoming agenda items and Environmental Advisory Committee (EAC) role be received and referred to Environmental Management staff to revise the chart to include brief descriptions about upcoming and anticipated agenda items and information about EAC's corresponding role and that this chart become part of future EAC agendas.

Received/Referred (J. Tovey)

5. Status of Outstanding Issues from the Environmental Advisory Committee (EAC)

Chart dated March 6, 2012 from Julie Lavertu, Legislative Coordinator, Environmental Advisory Committee, with respect to the status of outstanding issues from the Environmental Advisory Committee (EAC).

Mr. Bass discussed the chart, how outstanding items from the Committee have been tracked in the past, and questions he raised at the last Committee meeting regarding stormwater runoff and fertilization. Ms. Osborne responded that staff would make a deputation about fertilizer use at next month's Committee meeting and answer Mr. Bass's questions at that point.

Ms. Lavertu briefly discussed the chart and indicated that most of the City's Advisory Committees have similar charts on their agendas.

Recommendation

EAC-0010-2012

That the chart dated March 6, 2012 from Julie Lavertu, Legislative Coordinator, Environmental Advisory Committee, with respect to the status of outstanding issues from the Environmental Advisory Committee (EAC) be received.

Received (L. Krist)

INFORMATION ITEMS

6. Resignation from Sophia Chalaidopoulos, Environmental Advisory Committee Citizen Member

Email message dated February 10, 2012 from Sophia Chalaidopoulos, Environmental Advisory Committee Citizen Member, advising Julie Lavertu, Legislative Coordinator, Environmental Advisory Committee, of her resignation from the Environmental Advisory Committee, effective March 7, 2012.

Ms. Chalaidopoulos discussed her email message and thanked Committee members for their support. The Chair thanked Ms. Chalaidopoulos for her work and dedication as a Citizen Member and provided her with a certificate and books.

Recommendation

EAC-0011-2012

That the email message dated February 10, 2012 from Sophia Chalaidopoulos, Environmental Advisory Committee Citizen Member, advising Julie Lavertu, Legislative Coordinator, Environmental Advisory Committee, of her resignation from the Environmental Advisory Committee, effective March 7, 2012 be received.

Received (F. Dale)

DATE OF NEXT MEETING – Tuesday, April 10, 2012 at 9 a.m., Council Chamber

OTHER BUSINESS

Lakeview Waterfront Connection Environmental Assessment

Councillor Tovey discussed the Lakeview Waterfront Connection environmental assessment and noted that it would be useful for Committee members to serve on the project's Steering Committee. He requested that a deputation by the Toronto and Region Conservation Authority/Credit Valley Conservation be scheduled for a future Committee meeting. Committee members discussed the overall project.

EcoSource's Funding Request for Community Gardens "Garden in Every Ward" Program

The Chair discussed EcoSource's corporate grants request for their Community Gardens "Garden in Every Ward" Program which was referred to the Committee by General Committee at its meeting on January 25, 2012. He discussed EcoSource's funding request and said that this request should be referred to the Budget Committee for consideration during the 2013 budget process.

Recommendation

EAC-0012-2012

That the Environmental Advisory Committee supports in principle EcoSource's Community Gardens "Garden in Every Ward" Program and that EcoSource's funding request for this Program be referred to the Budget Committee for consideration during the 2013 budget process.

Direction/Referred (J. Tovey)

ADJOURNMENT – 10:51 a.m. (F. Dale)