



MINUTES

ENVIRONMENTAL ADVISORY COMMITTEE

THE CORPORATION OF THE CITY OF MISSISSAUGA

TUESDAY, FEBRUARY 5, 2013 – 9 A.M.

COUNCIL CHAMBER

SECOND FLOOR, CIVIC CENTRE

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

www.mississauga.ca

MEMBERS/AGENCY LIAISONS

PRESENT:

Councillor George Carlson, Ward 11 (CHAIR)
Councillor Frank Dale, Ward 4
Dr. Brad Bass, Citizen Member
Stephanie Crocker, EcoSource
Elaine Hanson, Sheridan College, Office for Sustainability
Lea Ann Mallett, EcoSource
Rahul Mehta, EcoSource
Val Ohori, Citizen Member (arrived at 9:16 a.m. and departed at 10:32 a.m.)
Maureen Ricker, Citizen Member
Lucia Salvati, University of Toronto at Mississauga (arrived at 9:33 a.m.)

MEMBERS/AGENCY LIAISONS

ABSENT:

Michael DeWit, Citizen Member (VICE-CHAIR)
Councillor Jim Tovey, Ward 1
Hassaan Basit, Citizen Member
Lucas Krist, Peel Environmental Youth Alliance
Diana Yoon, Peel Environmental Youth Alliance

STAFF PRESENT:

Muneeb Ahmad, Water Resources Engineer
Lincoln Kan, Manager, Environmental Services
Andrea J. McLeod, Environmental Specialist
Brenda Osborne, Director, 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 – 9:07 a.m.

APPROVAL OF AGENDA

Approved (F. Dale)

DECLARATIONS OF DIRECT (OR INDIRECT) PECUNIARY INTEREST – Nil

PRESENTATIONS/DEPUTATIONS

The Chair said that Lydia Pawlenko Lobos, a Ward 1 resident, had requested to make a deputation regarding Item 2. He indicated that Ms. Pawlenko Lobos's deputation would be Deputation C and presented first, followed by the two deputations from staff.

- C. Lydia Pawlenko Lobos, a Ward 1 resident, with respect to options to address smoke from indoor residential wood burning.

Ms. Pawlenko Lobos presented a PowerPoint presentation dated February 4, 2013 and entitled "Wood Smoke in Mississauga: Towards banning the greatest source of home air pollution" and discussed the Corporate Report dated January 15, 2013 from the Commissioner of Community Services entitled "Options to Address Smoke from Indoor Residential Wood Burning," environmental and health hazards from wood smoke, the Canadian Clean Air Alliance document entitled "Residential Wood Smoke: The Truth Some Facts," wood smoke pollution in the City, wood burning legislation in other jurisdictions, how the City could regulate and ban wood smoke, the use of wood stoves for heat in households across the City, and Ontario's *Environmental Protection Act*.

Ms. Ohori arrived at 9:16 a.m.

The Committee dealt with Item 2 at this time.

2. Options to Address Smoke from Indoor Residential Wood Burning

Corporate Report dated January 15, 2013 from the Commissioner of Community Services with respect to options to address smoke from indoor residential wood burning.

In response to Ms. Ricker's question, Ms. McLeod said that the Corporate Report focused exclusively on indoor wood burning sources and briefly discussed the legality of chimineas and other types of outdoor burning containers in the City.

Ms. Pawlenko Lobos discussed the legality of the use of wood stoves for heat in

households across the City, associated smog and other hazards for residents, and the need for the City to ban all wood stoves similar to what was done in Montréal.

The Chair discussed Ms. Pawlenko Lobos's concerns, noting that it is legal to use wood stoves for heating and cooking. He spoke about the *Ontario Building Code Act* (BCA) vis-à-vis wood stoves, the City's lack of authority to ban wood stoves and fireplaces, the use of wood stoves in the City, the possibility of the provincial government regulating wood stoves in the future, the burning of garbage by residents to deal with the two-bag garbage limit, and the need to educate residents about the proper use of wood stoves.

Ms. McLeod discussed a proposed amendment from the Ministry of the Environment (MOE) to the BCA regarding the regulation of wood stoves to a higher efficiency standard. She also said that Legal staff advised that even if the City regulated or limited wood stoves, the BCA would take precedence in the event of a conflict. Ms. McLeod added that Montréal's wood stove and fireplace ban is currently being challenged by the industry. In response to a question from Ms. Pawlenko Lobos, Ms. Osborne suggested that residents concerned about the indoor burning of inappropriate materials (e.g., garbage) in wood stoves or fireplaces should contact the MOE's Spills Action Centre.

The Chair suggested that Ms. Pawlenko Lobos approach her neighbours to discuss her concerns about their use of wood stoves for heat and share her PowerPoint presentation with Charles Sousa, Member of Provincial Parliament for Mississauga South.

Recommendations

EAC-0001-2013

1. That the PowerPoint presentation by Lydia Pawlenko Lobos, Ward 1 resident, entitled "Wood Smoke in Mississauga: Towards banning the greatest source of home air pollution," to the Environmental Advisory Committee on February 5, 2013 be received; and
2. That the document entitled "Residential Wood Smoke: The Truth Some Facts," by the Canadian Clean Air Alliance be received.

EAC-0002-2013

That the Environmental Advisory Committee supports increasing education and awareness regarding the air quality and health impacts of indoor residential wood burning by incorporating messaging into the existing Fire and Emergency Services Division, Community Services Department, "Home Safe Home" fire safety program, promoting the information available on the Region of Peel's Public Health website, increasing messaging to curtail wood burning during poor air quality events, and creating a new web page under the City of Mississauga's Living Green website.

Received/Approved (F. Dale)

- A. Lincoln Kan, Manager, Environmental Services, with respect to the Stormwater Financing Study (Phase 1).

Mr. Kan presented a PowerPoint presentation dated February 5, 2013 and entitled

“Stormwater Financing Study (Phase 1)” and discussed background information regarding the Study, stormwater pressures and infrastructure assets, three Program service levels, the stormwater funding mechanism, impervious area based stormwater user fees, the Program’s rate structure, credits, and fees and charges, and next steps.

Ms. Salvati arrived at 9:33 a.m.

Committee members raised various issues including:

- Slide 8 of the PowerPoint presentation entitled “Stormwater Program Service Levels” and the sustainable Program service level costs of \$39 million and associated subprojects, the percentage of funds for pipe replacement and infrastructure funding, costs from removing and replacing pipes, the possibility of using new, cost-effective, and sustainable technologies to reduce Program costs, and the need to review these costs alongside certain principles and methodologies;
- A recent water/stormwater innovation workshop by the provincial government;
- The possibility of incorporating daylighting or stream restoration in the Program to reduce costs and obtaining relevant research from the provincial government;
- The Program’s credit policy vis-à-vis the removal of hard versus soft surfaces;
- The Program’s connection with the Resilient Cities Initiative;
- The Program’s incorporation of the City’s Living Green Master Plan and other Master Plans, policies, initiatives, and long-term goals regarding sustainability;
- The Program’s driving principles, financial sustainability, three service levels, approach, and overall integration, including proposed credits and technologies;
- The need to consider sustainability for any infrastructure and stormwater projects;
- Slide 13 of the PowerPoint presentation entitled “Stormwater Services Fees and Charges” and the entities exempted from, and subject to, fees and charges;
- The importance of properly communicating the Program’s implementation to the broader community, particularly large-scale commercial property owners;
- Toronto’s infrastructure challenges due to increased global warming;
- The Don Valley flood water control project in Toronto and its aesthetics;
- The need for the Committee to receive more information about the Program; and
- The importance of water-related issues like stormwater systems for municipalities.

The Chair discussed the importance of educating residents and businesses regarding the Program, the possibility of developing various incentives for residents, the credit policy vis-à-vis commercial property owners like Square One Shopping Centre, and the potential of new technologies and engineering solutions for the Program’s overall success.

Mr. Kan responded to the Committee’s above-noted comments and questions.

Recommendation

EAC-0003-2013

1. That the PowerPoint presentation by Lincoln Kan, Manager, Environmental Services, entitled “Stormwater Financing Study (Phase 1),” to the Environmental Advisory Committee on February 5, 2013 be received; and

2. That staff be directed to prepare an update regarding the Stormwater Financing Study (Phase 1) for consideration at a future Environmental Committee meeting.

Received/Direction (E. Hanson)

- B. Muneef Ahmad, Water Resources Engineer, with respect to Low Impact Development (LID) in the City of Mississauga.

Mr. Ahmad presented a PowerPoint presentation entitled “Low Impact Development” and discussed LID vis-à-vis City buildings, private development, rehabilitation scenarios, the public realm, and other jurisdictions, VALE INCO’s eco-friendly landscaping, greening Elm Drive, the recently developed O’Connor and Lakeside Parks, and the advantages and disadvantages of LID. He emphasized the importance of creating an overall environment in the City that facilitates the uptake of LID, including the possibility of implementing incentives. Mr. Ahmad noted that a deputation on LID would be made to General Committee in the near future and asked the Committee for their feedback.

Committee members raised various issues including:

- The links between LID and the Stormwater Financing Study (Phase 1);
- LID vis-à-vis its overall use, costs, and short- and long-term business cases;
- The increasing use of LID by municipalities and the importance of incorporating LID in the earliest design stages of projects and other developments;
- Portland, Oregon’s stormwater and LID-related practices, policies, and research;
- LID and green roofs-related resources, including www.greenroofs.org, stormwater lifecycle research by the United States General Services Administration, Washington, D.C., the City of Toronto, and Green Roofs for Healthy Cities;
- A deputation by Dr. Bass during the Committee’s December 12, 2012 meeting regarding expanding natural heritage through greening hard infrastructure; and
- The importance of linking LID to biodiversity, soft benefits, and bioswales.

Ms. Ohori departed at 10:32 a.m.

The Chair discussed the importance of adopting LID in the City, associated cost savings, advantages, and users, and the status of the permeable concrete test site in Streetsville.

Mr. Ahmad answered the Committee’s above-noted comments and questions.

Recommendation

EAC-0004-2013

That the PowerPoint presentation by Muneef Ahmad, Water Resources Engineer, entitled “Low Impact Development,” to the Environmental Advisory Committee on February 5, 2013 be received.

Received (Dr. B. Bass)

MATTERS CONSIDERED1. Approval of Minutes of Previous Meeting

Minutes of the meeting held December 11, 2012.

Ms. Lavertu advised that she had been alerted to a minor spelling error on the second page of the minutes and requested that the word “en” in the first sentence of the first paragraph be amended to “an.”

Approved as Amended (Dr. B. Bass)

3. Let Your Green Show

Ms. McLeod provided a verbal update regarding Let Your Green Show and noted that she would provide the Committee with more information during their March 2013 meeting. She discussed the campaign’s second phase (which will run from March to August 2013 and focus on using less water), existing and new partners, and overall logistics, including actions and greenbacks for participants. Ms. McLeod added that the second phase will be launched on March 22, 2013, the same day that Ward 1 residents will have a skating party at the Port Credit Memorial Arena to celebrate their Greenest Ward Award for the campaign’s first phase. She encouraged the Committee to attend the skating party and added that Committee members would receive a formal invitation shortly.

In response to Dr. Bass’s question about the effectiveness of the campaign’s first phase and launch event on Canada Day vis-à-vis the number of registrations, Ms. McLeod said that the launch event was a success, but did not translate into residents going home and registering to participate. She noted that volunteers for the campaign’s second phase will be provided with tablets to register participants on the spot. The Chair suggested that volunteers be present at the Streetsville Bread & Honey Festival and offered to co-sponsor the campaign event and supply the volunteers with refreshments.

Ms. Hanson requested that Ms. McLeod provide her with information about the campaign’s second phase for distribution to Sheridan College students, faculty, and staff.

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

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

Ms. Osborne said that Earth Hour 2013 would be considered at the Committee’s March 2013 meeting and go beyond the one-hour timeslot and, among other things, be linked to environmental actions by residents throughout the year and via Let Your Green Show. In response to Dr. Bass’s question, Ms. Osborne discussed the proposed environmental community grant program and recognition awards and said that staff is working on these matters and would be brought back for the Committee’s consideration in the near future.

Recommendation

EAC-0005-2013

That the chart from Environment staff with respect to upcoming agenda items and Environmental Advisory Committee (EAC) role be received.

Received (Dr. B. Bass)

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

Chart dated February 5, 2013 from Julie Lavertu, Legislative Coordinator, Environmental Advisory Committee, with respect to the status of outstanding issues from the Environmental Advisory Committee.

Ms. Osborne said that she had obtained the support of Planning and Building Department staff to establish a separate green building and development award complementary to and linked to the broader Mississauga Urban Design Awards process. She added that this matter would return for the Committee's consideration and input in the near future.

Recommendation

EAC-0006-2013

That the chart dated February 5, 2013 from Julie Lavertu, Legislative Coordinator, Environmental Advisory Committee, with respect to the status of outstanding issues from the Environmental Advisory Committee be received.

Received (E. Hanson)

INFORMATION ITEMS – Nil

DATE OF NEXT MEETING – Tuesday, March 5, 2013 at 9 a.m., Council Chamber

OTHER BUSINESSCitizen Member Vacancies on Environmental Advisory Committee

The Chair noted that there are two vacancies on the Committee due to the passing of Peter Orphanos and the recent resignation of Hassaan Basit which will be considered at the Committee's next meeting. In response to the Chair's comment, Ms. Lavertu discussed the process for filling Citizen Member vacancies and said that all vacancies on the City's Advisory Committees will be filled in late March/early April 2013 which also coincides with the mid-term point in the citizen appointment terms of Citizen Members at which time they will be asked whether or not they wish to complete their terms.

ADJOURNMENT – 11:04 a.m. (F. Dale)