



MINUTES

ENVIRONMENTAL ADVISORY COMMITTEE

THE CORPORATION OF THE CITY OF MISSISSAUGA

www.mississauga.ca

TUESDAY, JANUARY 8, 2008 - 9:07 AM

COMMITTEE ROOM B, 2ND FLOOR, CIVIC CENTRE
300 CITY CENTRE DRIVE, MISSISSAUGA, ONTARIO L5B 3C1

MEMBERS PRESENT: Councillor George Carlson, Ward 11 (Chair)
Councillor Carmen Corbasson, Ward 1
Councillor Carolyn Parrish, Ward 6
Michael DeWit, Citizen Member (Vice-Chair)
Peter Orphanos, Citizen Member
Muktha Tumkur, Citizen Member

MEMBERS ABSENT: Hassaan Basit, Citizen Member
Monika Misra-Lui, Citizen Member

GUESTS: Glenn Gulmulka – Executive Director, Smart Commute (Mississauga)

Lea Ann Mallett, Executive Director, EcoSource

J. Andrew Bloomfield, Sr. Manager of Street Lighting and Contractor Services, Enersource Hydro Mississauga Services Inc.

John Stillich, Director and General Manager &
Leslie Luxemburger, Environmental and Urban Development Specialist, Sustainable Urban Development Association (SUDA)

STAFF PRESENT: John Lohuis, Director, Environmental Management,
Community Services Department
Mary Bracken, Environmental Planner, Policy Planning Division,
Planning and Building Department

cont'd...

MINUTES - ENVIRONMENTAL ADVISORY COMMITTEE – JANUARY 8, 2008

STAFF PRESENT: cont'd...

Andrea J. McLeod, Coordinator, Environmental Management
Community Services Department
Rajan Balchandani, Manager of Energy Management, Facilities &
Property Management, Corporate Services Department
Michelle Charbonneau, Environmental Services Specialist,
Transportation & Infrastructure Planning, Transportation and
Works Department
Lisa Urbani, Environmental Research Assistant, Environmental
Management, Community Services Department
Jacquelyn Gulati, Environmental Transportation Coordinator
Environmental Management, Community Services Department
Eric Menezes, Streetlighting Coordinator, Traffic Engineering &
Operations, Transportation and Works Department
Karin Ann Brent, Committee Coordinator, Office of the City Clerk

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ENVIRONMENTAL ADVISORY COMMITTEE – JANUARY 8, 2008

CALL TO ORDER

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- December 7, 2007

DEPUTATIONS

- A Car Free Day – September 22, 2008
by Glenn Gulmulka – Executive Director, Smart Commute (Mississauga)
- B Eco Source by Lea Ann Mallett, Executive Director
- C Sustainable Urban Development Association (SUDA)
by Leslie Luxemburger, BES, Environmental and Urban Development Specialist

MATTERS CONSIDERED

- 1. New Business
 - 1. AMO and FCM Partnering to Fight Climate Change – Offset Credits
- 2. Information Items

OTHER BUSINESS

NEXT MEETING DATE(s)

ADJOURNMENT

CALL TO ORDER – 9:07am

INTRODUCTIONS

Director of Environmental Management John Lohuis introduced Andrea J. McLeod, the new Coordinator in the Environmental Management Division of the Community Services Department. In turn, Ms. McLeod introduced Jacquelyn Gulati, Environmental Transportation Coordinator, and Lisa Urbani, the new Environmental Research Assistant, both with the Environmental Management Division of the Community Services Department.

DECLARATIONS OF DIRECT OR INDIRECT PECUNIARY INTEREST - Nil

MINUTES OF PREVIOUS MEETING(s)

- December 7, 2007

Councillor Carmen Corbasson moved that the Minutes of the Environmental Advisory Committee from its meeting on December 7, 2007, be adopted as presented. The motion was voted upon and carried.

Adopted as Presented (Councillor Carmen Corbasson)
MG.31

BUSINESS ARISING FROM MINUTES OF PREVIOUS MEETING(s) - Nil

DEPUTATIONS

Citizen Member Peter Orphanos requested that Committee hear a deputation regarding the Car Free Day initiative for vehicle emission reduction. Committee concurred to add this deputation to the agenda for this meeting.

A Car Free Day – September 22, 2008

Citizen Member Peter Orphanos explained the subject initiative for awareness about reduction of air emissions, and advised that the ‘Car Free Day’ in 2008 is scheduled for Monday, September 22nd, noting that pedestrian, bicycle and transit travel will be encouraged instead of use of motor vehicles.

Glenn Gulmulka, the Executive Director of Smart Commute Mississauga, advised that a Car Free Day has been done for the past two (2) years as a City-wide event in tandem with outside groups.

DEPUTATION A cont'd...

Chair, Councillor George Carlson suggested that a tree planting project(s) could be done the weekend prior to the subject Monday in conjunction with the 2008 Car Free Day as a Fall environmental awareness initiative.

Michelle Charbonneau, Environmental Services Specialist of the Transportation and Infrastructure Planning Division in the Transportation and Works Department, acknowledged this suggestion and advised that staff will review it and report back after working out the technicalities with the local school boards, the Mississauga Cycling Advisory Committee (MCAC) and other affected sections of the municipal corporation.

Subsequently, Citizen Member Peter Orphanos moved receipt of the deputation by Glenn Gulmulka, the Executive Director of Smart Commute in Mississauga, with direction that staff review the details and report back to the Environmental Advisory Committee regarding the proposed Car Free Day on Monday, September 22, 2008, including the feasibility of coordinating with the school boards to have tree planting project(s) on the weekend of September 20th and 21st, 2008. The motion was voted upon and carried.

Received for Information / Directives (Peter Orphanos)

Recommendation EAC-0001-2008

PR.01.Environment

B Eco Source

Lea Ann Mallett, Executive Director of EcoSource gave a presentation regarding EcoSource's programs and initiatives and distributed information packages to those present at this meeting. Ms. Mallett gave a brief history of the EcoSource organization and how it evolved from the previous Clean City Committee struck at the request of Mayor McCallion.

Ms. Mallett referenced the EcoSource 'Green Guide' which is provided to Mississauga residents, advising that approximately 10,000 are distributed annually. Further, Ms. Mallett advised Committee about its in-school programs for Grades one to eight through which waste reduction is encouraged, advising that this organization provides information to approximately 17,000 children per annum, and that there is now a program for secondary school students.

Further, Ms. Mallett advised Committee about the new 'Green Schools' program which allows partnership through a working contract, with three (3) elementary schools and two (2) secondary schools per annum; noting that EcoSource receives an average of ten (10) applications annually for participation with its programs.

DEPUTATION B (EcoSource) cont'd...

The Peel Environmental Youth Alliance (PEYA) program funded by the Ontario Trillium Fund through which activities are done at secondary schools was mentioned, along with the 'EcoBuzz' conference that PEYA hosts in the Fall of each year, as well as tree planting projects across the Region of Peel. Ms. Mallett noted a particular student who participated with an EcoSource program, now writes articles that have been published in the Toronto Star.

Further, Ms. Mallett advised that the Ontario Trillium Foundation granted \$300,000.00 for a program to provide learning gardens at elementary schools and that this is being operated as an ongoing outdoor activity. The Mississauga Valleys community garden site was mentioned, with recognition of the assistance provided by Eugene Furgiuele, the Parks Natural Area Coordinator with the Recreation and Parks Division of the Community Services Department.

The youth and local food program titled "Green Belt" was explained as an initiative to encourage the purchase of locally grown vegetables and the choices for healthier snacks, as well as being a climate change initiative. Ms. Mallett also noted that the program provides for students and parents to visit local farms.

Chair, Councillor George Carlson requested that Ms. Mallett provide information for the newsletters issued by the Councillors who participate on the Environmental Advisory Committee.

Citizen Member Peter Orphanos expressed congratulations on the success of the EcoSource organization, and moved receipt of the subject deputation for information. The motion was voted upon and carried.

Received for Information (Peter Orphanos)
Recommendation EAC-0002-2008
PR.01.Environment

C Sustainable Urban Development Association (SUDA)

Leslie Luxemburger, BES, Environmental and Urban Development Specialist introduced John Stillich, Director and the General Manager of the Sustainable Urban Development Association (SUDA).

Mr. Luxemburger gave a Power Point presentation, advising that SUDA recognizes the principle of environmentally sustainable development, and that they have met with Mississauga Planning staff to share their information.

DEPUTATION C (Sustainable Urban Development Association (SUDA) cont'd...

The subject presentation reviewed the principles applied to create urban development that is efficient in land, material and energy resources, and characterized by sustainable transportation.

It was explained that achieving sustainable urban communities involves understanding the interconnectedness of economy, society, and environment. Mr. Luxemburger advised that SUDA feels that a community does not sustain its environment if it consumes resources faster than they can be renewed, produces more waste than the natural system can safely process, or relies on distant sources for its basic needs.

Addressing the factors involved with building and maintaining a healthy natural environment, Mr. Luxemburger explained that the physical forms of cities, towns and neighbourhoods, the transportation systems, and the way energy, material and water resources are used, have profound effects on environmental sustainability, and on the daily lives of the inhabitants.

Mr. Luxemburger noted the following examples of problems linked to unsustainable urban development:

- Energy prices are projected to rise rapidly over the foreseeable future, and the risk of shortfalls in petroleum supplies is increasing.
- The farmlands that North Americans depend on are being overrun by low-density suburban development.
- Severe weather events caused by rapid global warming threaten the viability of natural ecosystems. Virtually every ecosystem is in decline.
- Urban growth continues to add more motor vehicles onto local and regional roads, creating pollution and congestion.
- Pollution from transportation, industrial and other urban activities is affecting the lungs and general health of people of all ages.

During discussion regarding the recommendations of SUDA, it was noted that Mississauga is practicing similar approaches to development. Responding to the question by Councillor Carolyn Parrish, Mr. Stillich advised that development of the proposed Bus Rapid Transit service will be very expensive, and that SUDA has found that people need to have access to several modes of transportation. Mr. Stillich adding that the BRT could be implemented with less paved corridors than is currently proposed. Vice-Chair Michael DeWit referenced Hurontario Street as being a viable transit corridor and questioned the timing for implementing public transit systems versus waiting for development to force the need to implement mass transit systems.

DEPUTATION C (Sustainable Urban Development Association (SUDA) cont'd...

Citizen Member Peter Orphanos spoke to the need to make public transit affordable and time efficient to encourage people to use it. Mr. Stillich spoke to the ideology of reducing the number of vehicles per household and encouragement of the next generation to be transit users.

Environmental Planner Mary Bracken of the Long Range Planning section of the Planning and Building Department advised that this could be a topic at the Building a City for the 21st Century (BC21) work shop scheduled for February 1, 2008.

Director of Environmental Management John Lohuis spoke to projecting development to encourage pedestrian travel by changing the infrastructure and make travel by public transit attractive. Mr. Lohuis advised that he would approach the City's Leadership Team to schedule a presentation by SUDA, possibly at one of their meetings in January 2008.

Responding to the question by Citizen Member Peter Orphanos about the percentage of park space provided in the "Newburg" development scenario, Mr. Stillich advised that the "Newburg" development provides for green space throughout the development; noting that the percentage of green space in that scenario is the same as that practiced by Mississauga.

Subsequently, Citizen Member Peter Orphanos moved receipt of the subject presentation for information. The motion was voted upon and carried.

Received for Information (Peter Orphanos)
Recommendation EAC-0003-2008
PR.01.Environment

MATTERS CONSIDERED1. New Business1. AMO and FCM Partnering to Fight Climate Change – Offset Credits

At its meeting on December 12, 2007, Mississauga City Council received a News Release on the Local Authority Services (LAS) and FCM's Green Municipal Corporation (GMC) offset credits for energy efficiencies out of district projects. Subsequently, Council referred this item to the Environmental Advisory Committee for appropriate action.

Rajan Balchandani, Manager of Energy Management section of the Facilities & Property Management Division of the Corporate Services Department, explained that the details of the subject program are yet to be announced.

(1.) (1.)

Director of Environmental Management John Lohuis advised that the subject program might allow for credits related to existing or prior initiatives. Mr. Balchandani advised that related information will be posted on the ISO web site. Mr. Lohuis concluded discussion advising that staff would keep this Committee apprised as the subject program evolves.

Citizen Member Peter Orphanos suggested the world economy may force more countries to take measures to reduce the waste emissions into the atmosphere.

Subsequently, Vice-Chair Michael DeWit advised his understanding the proposed program will address achievements made through existing energy efficiency projects, and moved receipt of the subject communication dated November 28, 2007 issued through a partnership between the Association of Municipalities of Ontario (AMO) and the Federation of Canadian Municipalities (FCM) to address climate change. The motion was voted upon and carried.

Received for Information (Michael DeWit)
Recommendation EAC-0004-2008
EC.06

2. Information Items

Councillor Carmen Corbasson moved receipt of the following items of information, with the exception of the matter addressed in item 4., which was dealt with through a separate motion. The motion was voted upon and carried.

1. Invitation to a Community Forum titled "Is bottled water safe?" scheduled for Saturday 19 January 2008 hosted by EcoSource, the Brampton Mississauga District Labour Council, CUPE Local 966, Ontario Secondary School Teacher Federation District 19, Council of Canadians – Peel Chapter.
2. Copy of the invitation from the Peel Region Group Sierra Club of Canada meeting on Tuesday, January 22, 2008 with guest speaker The Honourable John Gerretsen, MPP, Minister of the Environment, Ontario.
3. Information on Awards Received by City of Mississauga from the Credit Valley Conservation

- (2.) 4. A copy of an email dated December 5, 2007 to Commissioner of Transportation and Works Martin Powell, from Robert Fecht, Senior Partner, Prowerk Consulting re: Current Street Lighting Plan, that was referred to the Environmental Advisory Committee by Councillor Pat Mullin.

Chair, Councillor George Carlson initiated discussion, referencing the Ann Arbor, Michigan, USA project in which LED street lights were installed. J. Andrew Bloomfield, the Senior Manager of the Street Lighting and Contractor Services division of Enersource Hydro Mississauga (Enersource), advised that Enersource is projecting a refit for the year 2012. Vice-Chair Michael DeWit spoke to the retrofit programs for replacing existing fluorescent tubes with LED bulbs for interior lighting.

Mr. Bloomfield explained that the light distribution provided by LED street lights is limited and therefore a higher number of light standards are required to provide the required illumination; noting that the cobra head light standards and high sodium luminaires provide good quality lighting for a viable cost.

Citizen Member Muktha Tumkur moved receipt of the subject item for information. The motion was voted upon and carried.

5. Announcement re: Earth Hour scheduled for 9pm on March 29, 2008 by the World Wildlife Fund.

Received for Information (Councillor Carmen Corbasson)
Recommendation EAC-0005-2008
MG.31
EC.06
PR.01

OTHER BUSINESS

1. Request for Information re: Lakeview Energy Site

Councillor Carolyn Parrish requested information on the Lakeview Energy site and the areas defined as 'green field south'. Environmental Planner Mary Bracken of the Long Range Planning section of the Planning and Building Department acknowledged this request.

CD.01

NEXT MEETING DATE(s)

Committee concurred that its next regular meeting would be scheduled for Tuesday 5 February 2008

ADJOURNMENT – 10:45am

**ENVIRONMENTAL ADVISORY
COMMITTEE**

JANUARY 8, 2008

REPORT 1-2008

TO: GENERAL COMMITTEE

The Mississauga Environmental Advisory Committee presents its first report of 2008, and recommends:

- EAC-0001-2008
1. That the deputation to the Environmental Advisory Committee at its meeting on January 8, 2008 by its Citizen Member Peter Orphanos and Glenn Gumulka - Executive Director of Smart Commute Mississauga, regarding a proposal for a 'car-free' day to be held in Mississauga in the fall of 2008 (Monday 22nd September 2008), be referred to staff for review of the details and a report back to the Environmental Advisory Committee.
 2. That staff review and report back to the Environmental Advisory Committee on the feasibility of coordinating with the school boards to have tree planting project(s) on the weekend of September 20th and 21st, 2008.

PR.01.Environment
(EAC-0001-2008)

- EAC-0002-2008
- That the presentation regarding Eco Source by Lea Ann Mallett, Executive Director, to the Environmental Advisory Committee meeting on January 8, 2008, be received for information.

PR.01.Environment
(EAC-0002-2008)

- EAC-0003-2008
- That the presentation regarding sustainable urban development by Leslie Luxemburger, BES, Environmental and Urban Development Specialist with the Sustainable Urban Development Association (SUDA), to the Environmental Advisory Committee meeting on January 8, 2008, be received for information.

PR.01.Environment
(EAC-0003-2008)

EAC-0004-2008 That the joint News Release from the Association of Municipalities of Ontario and the Federation of Canadian Municipalities on the Local Authority Services (LAS) and FCM's Green Municipal Corporation (GMC) offset credits for energy efficiencies out of district projects, be received for information.

PR.01.Environment
(EAC-0004-2008)

EAC-0005-2008 That the following items presented to the Environmental Advisory Committee at its meeting on January 8, 2008, be received for information:

1. Invitation to a Community Forum titled "Is bottled water safe?" scheduled for Saturday 19 January 2008 hosted by EcoSource, the Brampton Mississauga District Labour Council, CUPE Local 966, Ontario Secondary School Teacher Federation District 19, Council of Canadians – Peel Chapter.
2. Copy of the invitation from the Peel Region Group Sierra Club of Canada meeting on Tuesday, January 22, 2008 with guest speaker The Honourable John Gerretsen, MPP, Minister of the Environment, Ontario.
3. Information on Awards Received by City of Mississauga from the Credit Valley Conservation
4. Referred from Councillor Pat Mullin, a copy of an email dated December 5, 2007 to Commissioner of Transportation and Works Martin Powell, from Robert Fecht, Senior Partner, Prowerk Consulting re: Current Street Lighting Plan.
5. Announcement re: Earth Hour scheduled for 9pm on March 29, 2008 by the World Wildlife Fund.

MG.31
EC.06
PR.01
(EAC-0005-2008)