

AGENDA



ENVIRONMENTAL ADVISORY COMMITTEE

THE CORPORATION OF THE CITY OF MISSISSAUGA

TUESDAY, APRIL 1, 2014 – 9 A.M.

COUNCIL CHAMBERS

SECOND FLOOR, CIVIC CENTRE

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

www.mississauga.ca

Members

Councillor George Carlson, Ward 11 (CHAIR)

Michael DeWit, Citizen Member (VICE-CHAIR)

Councillor Jim Tovey, Ward 1

Councillor Frank Dale, Ward 4

Dr. Brad Bass, Citizen Member

Dr. André Plante, Office for Sustainability, Sheridan College,

Steven Jia, Peel Environmental Youth Alliance

Lea Ann Mallett, Citizen Member

Val Ogori, Citizen Member

Maureen Ricker, Citizen Member

Carl Rodgers, Citizen Member

Lucia Salvati, University of Toronto Mississauga

Amy Zi-Xuan Liou, Peel Environmental Youth Alliance

Agency Liaison

Stephanie Crocker, Executive Director, EcoSource

CONTACT PERSON: Mumtaz Alikhan, Legislative Coordinator

Office of the City Clerk, Telephone: 905-615-3200, ext. 5425; Fax 905-615-4181

Mumtaz.Alikhan@mississauga.ca

CALL TO ORDER

APPROVAL OF AGENDA

DECLARATIONS OF CONFLICT OF INTEREST

PRESENTATIONS/DEPUTATIONS

- A. Presentation on Earth Days by Vivian Peets, Public Relations Co-ordinator, Communications Division, and Stephanie Crocker, Executive Director, EcoSource

MATTERS TO BE CONSIDERED

1. Approval of Minutes of Previous Meeting
Minutes of the meeting held February 4, 2013.
2. Climate Change Adaptation and Mitigation Update
Corporate Report from the Commissioner, Community Services, dated March 18, 2014.
RECOMMEND RECEIPT
3. 2014 Provincial EAC Symposium – May 3, 2014
Invitation to the 2014 Provincial Environmental Advisory Committee Symposium hosted by the Brampton Environmental Planning Advisory Committee
RECOMMEND RECEIPT
4. Upcoming Agenda Items
Chart from Brenda Osborne, Director, Environment Division, with respect to pending and upcoming agenda items
RECOMMEND RECEIPT

INFORMATION ITEMS

DATE OF NEXT MEETING – Tuesday, May 6, 2014 at 9 a.m., Council Chambers

OTHER BUSINESS

ADJOURNMENT

DRAFT MINUTES



ENVIRONMENTAL ADVISORY COMMITTEE

THE CORPORATION OF THE CITY OF MISSISSAUGA

TUESDAY, FEBRUARY 4, 2014 – 9:00 A.M.

COMMITTEE ROOM 'A'

SECOND FLOOR, CIVIC CENTRE

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

www.mississauga.ca

MEMBERS

Councillor George Carlson, Ward 11 (CHAIR)
Michael DeWit, Citizen Member (VICE-CHAIR)
Councillor Jim Tovey, Ward 1 (Left at 10:21am)
Councillor Frank Dale, Ward 4
Lea Ann Mallett, Citizen Member
André Plante, Office for Sustainability, Sheridan College
Lucia Salvati, University of Toronto Mississauga
Steven Jia, Peel Environmental Youth Alliance
Amy Zi-Xuan Liou, Peel Environmental Youth Alliance

AGENCY LIAISONS PRESENT:

Stephanie Crocker, EcoSource

ABSENT:

Brad Bass, Citizen Member
Maureen Ricker, Citizen Member
Carl Rodgers, Citizen Member
Val Ohori, Citizen Member

STAFF PRESENT:

Brenda Osborne, Director, Environment Division
Mary Bracken, Environment Specialist
Andrea J. MacLeod, Environment Specialist
Julius Lindsay, Community Energy Specialist
Lisa Urbani, Environmental Research Assistant

CONTACT PERSON: Mumtaz Alikhan, Legislative Coordinator
Office of the City Clerk, Telephone: 905-615-3200, ext. 5425; Fax 905-615-4181

Mumtaz.Alikhan@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.

Councillor Carlson welcomed and introduced Dr. André Plant, Office for Sustainability, Sheridan College to the Committee.

APPROVAL OF AGENDA

Approved (L. Mallett)

DECLARATIONS OF DIRECT (OR INDIRECT) PECUNIARY INTEREST – Nil

PRESENTATIONS/DEPUTATIONS

B. Light Pollution Abatement in Mississauga

Vinayak Kalra, Grade 7 student from Edenwoods Middle School and a member of Light Pollution Abatement Council, gave a PowerPoint Presentation on light pollution impacts, measurement and abatement initiatives. He advised that light pollution is often caused by light from outdoor lighting resulting in adverse health effects, ecosystem disruption and wasted energy. Choosing carefully mounted and aimed equipment can make a significant difference. The City's LED streetlight deployment has resulted in reduced sky glow, energy and maintenance savings. More is required to improve lighting in parking lots, playfields, office buildings, schools, etc. as well as raising public awareness.

Staff noted Mr. Kalra's website for Earth Hour promotion and Ms. Stephanie Crocker, Executive Director, EcoSource, noted that the Peel Environmental Youth Alliance (PEYA) will be pleased promote his website and invited Vinayak to attend a PEYA meeting.

The Chair thanked Vinayak Kalra for an interesting presentation.

Recommendation
EAC-0001-2014

That the PowerPoint Presentation from Vinayak Kalra, Grade 7 Student, Edenwoods Middle School and Member of Light Pollution Abatement Council, entitled "Light Pollution Abatement in Mississauga," to the Environmental Advisory Committee on February 4, 2014, be received.

Received (L. Mallett)

A. Partners in Project Green – Toronto and Region Conservation Authority

Ms. Chandra Sharma, Watershed Specialist, Etobicoke-Mimico & Senior Manager, Climate Programs, introduced Mr. Alex Dumesle, Manager, Partners in Project Green (PPG), who gave a PowerPoint Presentation on PPG initiatives.

Mr. Dumesle advised that PPG's Vision is the creation of the Pearson Eco-Business Zone, an internationally recognized community known for its competitive, high performance and eco-friendly business climate. The Pearson Eco-Business Zone represents the largest industrial zone in Canada and includes Mississauga, Brampton and Toronto, covering 14,000 hectares, 12,500 businesses with 350,000 employees involving major sectors in manufacturing, food processing, logistics, hospitality and aviation. He focused on four performance areas to help drive sustainable action and innovation: energy performance, water stewardship, waste management and stakeholder engagement. He noted the number of networking events held over the year by PPG and the different categories of memberships which provide promotional opportunities and increased operational efficiencies for businesses.

The Chair thanked Mr. Dumesle and Ms. Sharma for the presentation.

Recommendation

EAC-0002-2014

That the PowerPoint Presentation from Ms. Chandra Sharma, Watershed Specialist, Etobicoke-Mimico & Senior Manager, Climate Programs, and Mr. Alex Dumesle, Manager, Partners in Project Green, entitled "Partners in Project Green - Driving Sustainable Action and Innovation" to the Environmental Advisory Committee on February 4, 2014, be received.

Received (Councillor J. Tovey)

MATTERS CONSIDERED

1. Approval of Minutes of Previous Meeting

Approved (Councillor F. Dale)

2. Earth Hour 2014

Julius Lindsay, Community Energy Specialist, Environment Division, advised that Earth Hour 2014 will be held on Saturday, March 29 from 8:30 p.m. to 9:30 p.m., and outlined the plans for the City's participation. He noted that in 2013 the City had shifted the focus from being all about the hour to encouraging people to live more sustainably every day. As a result, the City will not request Enersource to measure energy consumption changes associated with Earth Hour or release the results.

The Committee raised the issue of promoting public awareness for on-going conservation via inserts in Enersource or City Tax mailings as well as using City vehicles and signs outside of Community Centres across the City. An Earth Hour slogan would also be a useful tool. Ms. Osborne advised that staff will explore the various options.

Recommendation

EAC-0003-2014

That the Memorandum dated January 27, 2014 entitled "Earth Hour 2014" from Julius Lindsay, Community Energy Specialist, Environment Division, outlining plans for the City's participation in the 2014 Earth Hour event, be received.

Received (L. Salvati)

3. Verbal Update on International Holistic Tourism Education Centre (IHTEC)

Brenda Osborne, Director, Environment Division, advised that she had been in recent communication with Ms. Julia Morton-Marr, Founder and President, International Holistic Tourism Education Centre (IHTEC), regarding the recommendations made by Ruwantha Halwala, Intern, IHTEC, entitled "*Mississauga Plastic Litter: The Prevention of Plastics from Mississauga Entering Streams, Rivers, The Great Lakes and the Ocean*" to the Environmental Advisory Committee on May 7, 2013.

4. Great Lakes and St. Lawrence Cities Initiative Call for Resolutions (GLSLCI)

Ms. Osborne advised that each year, the City receives a call for resolutions for the GLSLCI annual conference. Councillor Tovey noted that the GLSLCI has passed resolutions on most of the big issues and therefore didn't see the need to recommend new ones at this time. He also mentioned that an upcoming meeting in Ottawa between GLSLCI and a number of ministries would bring attention to key issues.

Recommendation

EAC-0004-2014

That the Memorandum dated January 29, 2014, entitled "Call for Resolutions for Great Lakes and St. Lawrence Cities Initiative 2014 Annual Members Meeting" from Brenda Osborne, Director, Environment Division, be received.

Approved (Councillor J. Tovey)

5. Upcoming Agenda Items Chart

Brenda Osborne noted that this chart replaces two previous charts for upcoming agenda items chart, and status of outstanding issues from the Environmental Advisory Committee (EAC) chart.

In response to queries with respect to the Urban Design Awards and the Stormwater Financing Study, Ms. Osborne advised that the Urban Design Award will be incorporated in the 2014 community appreciation evening. The Stormwater Financing Study update will be available at the next meeting of the Committee.

Recommendation

EAC-0005-2014

That the Upcoming Agenda Items Chart, dated February 4, 2014, from Brenda Osborne, Director, Environmental Division, be received.

Received (M. De Wit)

INFORMATION ITEMS

(a) National Sweater Day

Brenda Osborne informed the Committee that Thursday, February 6, 2014, is National Sweater Day, a World Wildlife Fund (WWF) annual campaign which asks Canadians to turn down heat and put on a sweater to support energy conservation. This year the Civic Centre will take part by turning the thermostat down by 2 degrees.

DATE OF NEXT MEETING – Tuesday, March 4, 2014 at 9 a.m., Council Chamber,
2nd Floor, City Hall

OTHER BUSINESS

ADJOURNMENT – 10:03 a.m. (Councillor J. Tovey)



Corporate Report

Clerk's Files

Originator's
Files

DATE: March 18, 2014

TO: Chair and Members of Environmental Advisory Committee
Meeting Date: April 1, 2014

FROM: Paul A. Mitcham, P.Eng., MBA
Commissioner of Community Services

SUBJECT: **Climate Change Adaptation and Mitigation Update**

RECOMMENDATION: That the report dated March 18, 2014, from the Commissioner of Community Services, entitled Climate Change Adaptation and Mitigation Update be received for information.

**REPORT
HIGHLIGHTS:**

- City of Mississauga and other regional partners developed the Peel Climate Change Strategy which was approved by Regional Council in 2011.
- The Living Green Master Plan was adopted by City Council in 2012 and includes climate change actions.
- Regional staff are currently preparing a Peel Climate Change Strategy update for Regional Council.
- This report provides an update on actions and initiatives City staff have participated in or led.
- Corporate and community greenhouse gas inventories are complete, and Mississauga's 2010 Corporate emissions are 71,096 tonnes of equivalent carbon dioxide and 2006 community emissions are 9,927,560 tonnes of equivalent carbon dioxide.
- Greenhouse gas emissions data and future climate data will be used to prioritize climate change actions for the City.

BACKGROUND:

The challenge of confronting climate change is often split into two potential paths: adaptation and mitigation. Mitigation is the more well-known, understood and implemented option. It involves reducing and/or offsetting greenhouse gas (GHG) emissions to reduce the magnitude of potential climate change effects. Adaptation is lesser known and much less understood. It involves assessing future risks and vulnerabilities associated with climate change and undertaking measures to reduce or eliminate those risks. Key to this process is not only examining the current climate situation, but also assessing adaptations necessary to cope with possible future climate scenarios.

The Peel Climate Change Strategy (“Strategy”), approved by Regional Council in 2011, was developed in a partnership with the City of Mississauga, Region of Peel (“Region”), City of Brampton, Town of Caledon, Credit Valley Conservation (CVC) and the Toronto and Region Conservation Authority (TRCA). Collectively this group will be referred to as “The Partners”.

The Strategy includes both mitigation and adaptation. The Strategy contains six goals and 38 on-going, short-term and medium-term actions over five years. Each action has a lead; certain actions are to be led by the Region, some by the conservation authorities, and the remaining by the area municipalities.

General Committee received an information report on June 15, 2011 detailing the City of Mississauga’s role in the development of the Strategy and the collaborative effort to implement the Strategy. General Committee also received a report September 11, 2013 giving an update on local climate change mitigation and adaptation work.

The City of Mississauga’s Living Green Master Plan (LGMP), adopted in 2012 by City Council, incorporates climate change into priorities, actions and indicators. Specifically, the LGMP includes the following actions:

- Action 17: “Update corporate and community inventories for Greenhouse Gas emissions and Criteria Air Contaminants.”
- Action 39: “Assess energy efficiency and renewable fuel strategies that are feasible in Mississauga as part of the cost-benefit analysis identified in the Peel Climate Change Strategy.”

- Action 40: “Determine how to optimize the use of alternative energy sources through community energy planning in Mississauga as part of the feasibility study identified in the Peel Climate Change Strategy.”
- Action 41: “Undertake an infrastructure vulnerability assessment.”

Progress on the LGMP was reported in 2013 as part of the City’s Strategic Plan reporting.

The Partners for Climate Protection (PCP) Milestones program empowers municipalities to take action against climate change through a five-milestone framework that helps members to create GHG inventories, set realistic and achievable reduction targets, and develop and deliver local action plans along with measurable actions to reduce emissions. For more information on the program, visit <http://www.fcm.ca/home/programs/partners-for-climate-protection/milestone-framework.htm>.

PRESENT STATUS:

Peel Climate Change Strategy Update

Peel Region staff will be taking a report forward, prepared with input from The Partners, to Regional Council in the next few months providing an update on the implementation of the Strategy. A number of actions have been either initiated or completed since the launch of the Strategy in 2011 and the last update in 2012. Following is an update of actions in the Strategy that City staff has participated in and the Mississauga-specific parts of those results.

Region-Led Initiatives

Corporate and Community Greenhouse Gas Inventories

Action 2.1 of the Strategy is “Create a common understanding of actual and forecasted GHG emissions within Peel and at the partners’ facilities by developing a series of corporate and community inventories...”. Action 17 of the Living Green Master Plan is “Update corporate and community inventories for Greenhouse Gas emissions and Criteria Air Contaminants.” The Partners worked collectively to complete this action. The results are provided here.

Mississauga Corporate Emissions

Corporate GHG emissions were calculated for the year 2010.

Table 1: Mississauga Corporate GHG Emissions

<u>Source</u>	<u>GHG Emissions (Tonnes of Equivalent Carbon Dioxide (t eCO₂))</u>	<u>Percentage (%)</u>
Buildings	26,168	37%
Vehicle Fleet	38,971	55%
Street Lighting	5,955	8%
Equipment	2	0.002%
TOTAL	71,096	

This total represents a 9% increase over 1990 levels. However, per employee GHG emissions have gone down from 24.3 to 18.3 t eCO₂. The modest increase in total emissions despite the City's growth is a demonstration of the City's commitment to energy and GHG emission reductions.

Mississauga Community Emissions

Community emissions were calculated for the entire Region of Peel for the year 2006, the most recent year of census data available when the project was initiated.

Table 2: Mississauga Community GHG Emissions

<u>Source</u>	<u>GHG Emissions (t eCO₂)</u>	<u>Percentage (%)</u>
Stationary Energy (energy use in buildings i.e. heating, cooling, etc.)	6,253,539	63%
Transportation (road vehicles, rail, aircraft)	2,735,792	28%
Industrial Processes	705,190	7%
Waste (incineration, wastewater, landfills, compost)	229,910	2%
Agriculture	3,130	0.03%
TOTAL	9,927,560	

These emissions have increased 26% over 1990 levels. In the same time period, the city's population has increased by 44%.

Mississauga's total emissions represent 68% of the total emissions for Peel (14.5 million t eCO₂). The relative ratios of the different sources

of emissions have likely remained unchanged since 2006. Corporate emissions are a subset of the community emissions.

Let Your Green Show

“Let Your Green Show” (LYGS) is an environmental awareness campaign that encourages residents of Peel Region to do something, get something and turn their neighbourhoods green by engaging in priority actions in the LGMP and the Strategy. The campaign is run in partnership with the Region of Peel, City of Brampton, Town of Caledon, Credit Valley Conservation and Toronto and Region Conservation. LYGS is a three-phase campaign themed around different priority actions. The three phases are Grow Local/Eat Local, Use Less Water and Give Your Car a Break. Each phase has a list of priority actions, rewards and a challenge related to tracking the most actions. Two phases of LYGS are complete. The third phase begins in June of 2014. This campaign supports Action 5.2 of the Strategy “Develop a Peel-wide communications strategy to inform and engage members of the public, such as youth, young adults and businesses.”

Other Initiatives

The Region has also initiated other projects and work as a part of the Strategy. These include:

- Climate data analysis and future projections in partnership with the Ontario Climate Consortium
- Vulnerability risk assessments on the community of Port Credit and the Agricultural sector in Caledon

City-Led Initiatives

There are other actions that have been undertaken by the City that, while not directly contributing to the Strategy, are climate change mitigation actions or apply to the scope of the Strategy. These include:

- “Greening Our Fleet” Program
- Streetlight conversion to light emitting diode (LED) fixtures
- Renewable energy development, and energy efficiency projects in City facilities

- Natural Heritage and Urban Forest Strategy
- Various transportation projects (bus rapid transit, light rail transit, Cycling Master Plan, car-share, etc.)

COMMENTS:

In the near future the Port Credit Vulnerability Risk Assessment will be completed. From this work, the City will receive the following information:

- Future climate projections for the Region of Peel, from which Mississauga-specific data could be extracted
- Climate change risks specific to the Port Credit community

This data, in combination with the emissions data presented above, will be used by staff in the Environment Division, Community Services Department, in consultation with other City staff, to prioritize both climate change mitigation and adaptation actions for the City. A report outlining these actions will be brought forward at a later date.

The data produced in the GHG inventories, combined with the programs undertaken by the City, will allow the City to apply for the completion of the Partners for Climate Protection Milestones program.

Staff will continue to work with the Region on the implementation of the Region-led parts of the Strategy.

STRATEGIC PLAN:

The City's Strategic Plan identifies Living Green as one of the Strategic Pillars for Change. The Peel Climate Change Strategy supports the strategic goals set under Living Green to "Lead and Encourage Environmentally Responsible Approaches" and "Promote a Green Culture".

FINANCIAL IMPACT:

Implementation of any actions listed in the Strategy is subject to the City's normal business planning budget process and approval.

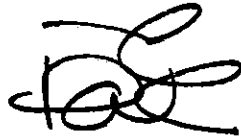
CONCLUSION:

Implementation of the Strategy commenced in 2011 and remains ongoing. Progress on the Strategy is reported on an annual basis to Regional Council. Regional staff are currently working on an update. The LGMP also includes climate change actions.

The Region has led a number of climate change actions, including the completion of community and Corporate GHG inventories. Mississauga's Corporate emissions are 71,096 t eCO₂. The largest emission source is the vehicle fleet, which includes transit. Community emissions are 9,927,560 t eCO₂ with the largest emission source being energy use in buildings. The Let Your Green Show campaign has completed two phases, with the third happening this summer.

The City has also completed actions that fall under the scope of climate change and the Strategy. These include conversion of city streetlights to LED technology and energy efficiency upgrades in City buildings.

Future climate data for the Region of Peel will be released by the Region of Peel as a result of the Port Credit Vulnerability Risk Assessment. That data and the GHG emissions data will be used to prioritize mitigation and adaptation actions for the City.



Paul A. Mitcham, P.Eng., MBA
Commissioner of Community Services

Prepared By: Julius Lindsay, Community Energy Specialist

2014 PROVINCIAL ENVIRONMENTAL ADVISORY COMMITTEE SYMPOSIUM



Community Engagement

May 3, 2014, Brampton



Brampton
Environmental
Symposium
2014

Hosted by the
Brampton Environmental Planning
Advisory Committee



BRAMPTON
Flower City

2014 PROVINCIAL ENVIRONMENTAL ADVISORY COMMITTEE SYMPOSIUM

May 3, 2014 in Brampton

Come join us to talk about how you engage with your community !

- At the EAC Roundtable, share your success stories and hear success stories from other EACs;
- Participating in a mini-workshop; and
- Through community partner presentations.

BEPAC is also pleased to host several EAC speakers from other communities that will share how they developed :

- Long term community programs, and
- Innovative community conservation challenges.

*Learn how to reach
your community*



Community: *a feeling of fellowship with others, as a result of sharing common attitudes, interests, and goals.*

Registration Form

Name: _____

Organization: _____

Email: _____

Dietary or access requirements:

- Yes my registration fee (\$25 per person) is included with my registration form.
- Yes I would like to present at the EAC Roundtable. (NOTE: this will help us to budget appropriate time in the Symposium Agenda).

Please make your cheque payable to the City of Brampton

Return to
Susan Jorgenson
Manager, Environmental Planning
Planning & Infrastructure Services
2 Wellington Street West
Brampton, ON L6Y 4R2
Tel: 905-874-2054
Susan.jorgenson@brampton.ca



Community: *a feeling of fellowship with others, as a result of sharing common attitudes, interests, and goals.*

Environmental Advisory Committee (EAC)

MEETING DATE: April 1, 2014

UPCOMING AGENDA ITEMS

PENDING ITEMS	
ITEM/DIRECTION	STATUS
<p><u>Transportation Strategy Presentation:</u></p> <p>M. De Wit, Vice-Chair, indicated that a presentation on the transportation strategy would be beneficial to the Committee.</p>	<p><u>EAC Meeting: Feb/12</u></p> <p>Transportation Master Plan update anticipated early 2015.</p>
<p><u>Urban Design Awards:</u></p> <p>It was suggested that a report could be written to make a recommendation with respect to creating a green award in Urban Design.</p>	<p><u>EAC Meeting: Dec/12</u></p> <p>Urban design to be included in 2014 community appreciation evening.</p>
<p><u>EAC November 2012 Off-Site Summary:</u> <u>(EAC-0068-2012)</u></p> <p>That staff work with EAC to develop a recognition program and a community environmental grants program.</p>	<p><u>EAC Meeting: Dec/12</u></p> <p>2014 Budget approved for environmental community grant to establish new community gardens. Community environmental appreciation evening in planning stage (Confirmed June 4, 2014).</p>
<p><u>Stormwater Financing Study (Phase 1):</u> <u>(EAC-0003-2013)</u></p> <p>Staff directed to prepare an update regarding the Stormwater Financing Study (Phase 1) for consideration at a future EAC meeting.</p>	<p><u>EAC Meeting: Feb/13</u></p> <p>Update anticipated spring 2014.</p>

ANTICIPATED ITEMS	
ITEM	DESCRIPTION
Nuisance Weed and Tall Grass Control By-law	By-law scheduled to be revised as per the Natural Heritage & Urban Forest Strategy
Green Development Strategy (GDS)	Update on GDS implementation
Waste Management	Update on various corporate waste-related initiatives
Corporate Energy Conservation Plans	The new Provincial <i>Green Energy Act</i> (2009) requires municipalities to provide corporate energy conservation plans for all municipally owned and operated buildings and to report annually on actual performance against plans.
Stormwater Quality Control Strategy	Update of the City's strategy for managing and improving the quality of stormwater runoff
Public Art Project	Update on public art project along Burnhamthorpe Road
Let Your Green Show	Let Your Green Show – Phase 3
Plastic Sampling in the Great Lakes: Findings of Dr. Sherri Mason, Professor of Chemistry, SUNY Fredonia, New York	<ul style="list-style-type: none"> • Propose Dr. Mason as speaker at Great Lakes & St. Lawrence Cities Initiative (GLSLCI) Conference in June 2014 (<i>Complete</i>); • Invite Dr. Mason to address a future EAC meeting. • Steps taken by GLSLCI on microplastics: http://www.glslicities.org/initiatives/microplastics.cfm
Green Leaders	An environment awareness/action pilot program for Civic Centre staff, with a focus on energy and waste in 2014.