

AGENDA



ENVIRONMENTAL ACTION COMMITTEE

THE CORPORATION OF THE CITY OF MISSISSAUGA

TUESDAY, JULY 7, 2015 – 9:30 A.M.

COMMITTEE ROOM B

SECOND FLOOR, CIVIC CENTRE

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

<http://www.mississauga.ca/portal/cityhall/environmentalactioncommittee>

Members

Councillor Matt Mahoney, Ward 8 (**Chair**)

Councillor George Carlson, Ward 11 (**Vice-Chair**)

Councillor Jim Tovey, Ward 1

Brad Bass, Citizen Member

Charles Cooper, Citizen Member

Chelsea Dalton, Citizen Member

Lea Ann Mallett, Citizen Member

Nishila Mehta, Peel Environmental Youth Alliance

Rozhin Rasekhi, University of Toronto Mississauga

Carolyn Bailey, Ecosource

Dave Beaton, Credit Valley Conservation

Joanne Deidun-Roork, The Little Green Schoolhouse

Alex Dumesle, Partners in Project Green

CONTACT PERSON: Karen Morden, Legislative Coordinator

Office of the City Clerk, Telephone: 905-615-3200, ext. 5471; Fax 905-615-4181

karen.morden@mississauga.ca

CALL TO ORDER

APPROVAL OF AGENDA

DECLARATIONS OF CONFLICT OF INTEREST

DEPUTATIONS

- A. Item 2 Muneef Ahmad, Water Resources Engineer, Transportation and Works with respect to the Sustainable Neighbourhood Retrofit Action Plan (SNAP).

MATTERS TO BE CONSIDERED

1. Minutes of Previous Meeting

Minutes of the Environmental Action Committee held on June 9, 2015.

RECOMMEND APPROVAL

2. SNAP – Sustainable Neighbourhood Retrofit Action Plan

Presentation slides regarding the Sustainable Neighbourhood Retrofit Action Plan (SNAP).

RECOMMEND RECEIPT

INFORMATION ITEMS

(a) Environmental Action Committee – Strategic Planning Session June 9, 2015

Table of action items from the strategic planning session held on June 9, 2015.

RECOMMEND RECEIPT

(b) EAC Inquiries

EAC Inquiries chart updated for the meeting of the Environmental Action Committee on July 7, 2015.

RECOMMEND RECEIPT

OTHER BUSINESS

(i) Environmental Action Committee (EAC) Strategic Planning Workshop – Day 2

Karyn Stock-MacDonald, Business and Innovation Coach, Strategy and Innovation Division will lead the Committee through the second session of a strategic work planning workshop to develop the Work Plan for the Environmental Action Committee.

DATE OF NEXT MEETING – Tuesday, September 8, 2015 – 9:30 AM, Council Chambers, Civic Centre, 300 City Centre Drive, Mississauga

ADJOURNMENT

MINUTES (DRAFT)



Environmental Advisory
Committee

JUL 07 2015

ENVIRONMENTAL ACTION COMMITTEE

THE CORPORATION OF THE CITY OF MISSISSAUGA

TUESDAY, JUNE 9, 2015 9:33 A.M.

COMMITTEE ROOM A

SECOND FLOOR, CIVIC CENTRE

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

www.mississauga.ca

MEMBERS PRESENT:

Councillor Matt Mahoney, Ward 8 (CHAIR)
Councillor George Carlson, Ward 11 (VICE-CHAIR)
Councillor Jim Tovey, Ward 1
Brad Bass, Citizen Member
Charles Cooper, Citizen Member
Chelsea Dalton, Citizen Member
Lea Ann Mallett, Citizen Member
Nishila Mehta, Peel Environmental Youth Alliance
Rozhin Rasekhi, University of Toronto Mississauga
Carolyn Bailey, Ecosource
Dave Beaton, Credit Valley Conservation
Joanne Deidun-Roork, The Little Green Schoolhouse

STAFF PRESENT:

Brenda Osborne, Director, Environment Division
Michelle Berquist, Stormwater Charge Project Manager
Mary Bracken, Environmental Specialist
Julius Lindsay, Community Energy Specialist
Karyn Stock-MacDonald, Business and Innovation Coach
Diana Suzuki, Environmental Outreach Coordinator
Karen Morden, Legislative Coordinator

CONTACT PERSON: Karen Morden, Legislative Coordinator
Office of the City Clerk, Telephone: 905-615-3200, ext. 5471; Fax 905-615-4181
karen.morden@mississauga.ca

CALL TO ORDER – 9:33 a.m.

APPROVAL OF AGENDA

Councillor Mahoney, Chair acknowledged members of the public present at the meeting and invited them to address the Committee at the appropriate time with respect to items on the agenda.

Approved (C. Cooper)

DECLARATIONS OF CONFLICT OF INTEREST – Nil.

DEPUTATIONS

A. Mississauga Climate Change Overview

Julius Lindsay, Community Energy Specialist, Environment Division provided an overview of climate change in Mississauga. Mr. Lindsay noted that in its Fifth Assessment Report, the Intergovernmental Panel on Climate Change stated that the increase in greenhouse gas emissions are extremely likely to have been the dominant cause of the warming of temperatures and noted Provincial initiatives such as a discussion paper released in February 2015 and their work on the development of a Climate Change Strategy that would include carbon pricing. Mr. Lindsay commented that by the year 2050 there would be a 2-3 degree increase in average annual temperatures and that by 2100 it would increase an additional 3-6 degrees.

Mr. Lindsay further commented on the mitigation and adaptation of climate change and the related community and corporate initiatives to address both including a Community Energy Plan, a 5 Year Energy Conservation Plan, Region of Peel/TRCA Climate Vulnerability Assessments, and a Corporate Climate Risk Assessment that had identified 125 risks. Mr. Lindsay advised that the City of Toronto had developed a Risk Tool and would be seeking Council approval to receive licence rights to use the tool.

Mr. Lindsay noted that the City's 5 Year Energy Plan targets a 1% decrease in energy consumption per year corporately and that the greenhouse target was the same. He further noted that by 2012 the Green Fleet Phase 1 initiative was reducing greenhouse gas emissions by approximately 200 tonnes of equivalent carbon dioxide annually and had avoided approximately \$400,000 to \$500,000 in fuel costs cumulatively over the program's seven years.

RECOMMENDATION

That the presentation by Julius Lindsay, Community Energy Specialist, Environment Division entitled, "Climate Change Update" to the Environmental Action Committee on June 9, 2015 be received.

Received (Councillor Tovey)
Recommendation EAC-0018-2015

B. Stormwater Charge

Michelle Berquist, Stormwater Charge Project Manager provided an overview of the stormwater charge in Mississauga.

Ms. Berquist provided an update on Council decisions with respect to stormwater and noted that the stormwater charge will start in January 2016. Ms. Berquist advised that there is a video on the City's web site (www.mississauga.ca/portal/stormwater/charge) for residents that explains the new stormwater charge.. Ms. Berquist indicated that the charge was necessary to invest in the stormwater system of 2000 kilometres of underground pipework, 1000 water outlets, 60 stormwater main facilities and 48,000 catch basins in Mississauga with the focus on the renewal of pipes, flood mitigation, debris removal, and stormwater cleanout pools.

Ms. Berquist outlined the stormwater charge calculation noting that the rate would be based hard surfaces (rooftops) on the property, that the rate would be \$100 per billing unit in 2016 and advised that there is a Stormwater Estimator tool online (www.stormwatercharge.ca). Ms. Berquist also noted that the charge would be applied to all properties serviced by the City of Mississauga with the exception of places of worship and veterans organizations. Ms. Berquist advised that an application for technical exception would be available in Fall 2015 for residents seeking exceptions to the stormwater charge.

Wal van Riemsdyke, Applewood Residents Association inquired about an exemption due to his rooftop draining into a swale and then into Lake Ontario and Ms. Berquist advised that an application for exemption would be considered, noting that properties on the Lakeshore drain into Lake Ontario.

Ed Bavington, Resident spoke regarding his property, noting that all water goes onto his lawn and further noting his dissatisfaction with the Stormwater Charge.

Brad Bass, Citizen Member provided information on stormwater charges in Washington D.C. and the credit sharing/trading option for residents. Ms. Berquist noted that there are several precedents that the City could look to for best practices.

Councillor Carlson noted that a rebate for homeowners had been considered as had a partnership with the Region of Peel and recognition programs for those who participate. Councillor Tovey noted that the stormwater program and associated costs is a utility that has to be upgraded and maintained.

RECOMMENDATION

That the presentation by Michelle Berquist, Stormwater Charge Project Manager, Transportation and Works entitled, "Stormwater Charge" to the Environmental Action Committee on June 9, 2015 be received.

Received (Councillor Tovey)

Recommendation EAC-0019-2015

C. City of Mississauga Environmental Outreach Program

Diana Suzuki, Environmental Outreach Coordinator, Environment Division provided an overview of the City of Mississauga Environmental Outreach Program.

Ms. Suzuki noted that the Outreach Program stems from the Strategic Plan – Green Pillar and the Living Green Master Plan that consists of 49 actions. Action 42 outlines the need to develop a public education campaign that encourages community action in environmental priority areas focusing on making environmental information accessible, providing information on environmental action that residents can take, that links residents to City environmental programs, and to attend events across the City.

Ms. Suzuki provided a review of the 2012-2014 campaign-based outreach program, Let Your Green Show, which focused on growing local, eating local, using less water and giving your car a break and made note of the various events that the Environment Division was in attendance and how the campaign had promoted volunteerism. Additionally Ms. Suzuki provided an overview of the 2015 upcoming events and the 2015 Outreach Program that focuses on the City of Mississauga Environmental Priorities that include transportation, natural heritage/biodiversity, urban form, energy, water/stormwater, waste and and made note of the Community Green Leader Volunteers.

Ms. Suzuki outlined the actions that EAC is encouraged to partake in, including:

- Attend the Community Environmental Appreciation Evening on June 11, 2015;
- Let us know about community events;
- Volunteer to help at a display/event;
- Help to promote City of Mississauga environmental programs through your networks;
- Help identify groups doing environmental work in the community;
- Coordinate EAC participation in Earth Markets.

Joanne Deidun-Roork, The Little Green Schoolhouse inquired as to how local school boards and children are being involved and Ms. Suzuki noted that the Environment Division is involved with the Mississauga Youth Action Committee (MYAC), the Peel Environmental Youth Alliance (PEYA) and Ontario Eco-Schools.

Carolyn Bailey, Ecosource made note of the Green Chair Program focused on waste reduction.

Councillor Tovey suggested hosting an environmental conference and there was consensus from the Members that a conference would be a worthwhile action for EAC.

Dave Beaton, Credit Valley Conservation commented on exploring opportunities to cross-train volunteers, ways to connect and collaborate with other community groups, and a strategy to share information.

Nishila Mehta, PEYA commented that they often partner with community organizations and made note of the EcoBuzz event as an avenue to connect with youth. Ms. Bailey was in agreement and suggested the creation of a "cheat sheet" that would list opportunities for youth to become involved in environmental events and activities.

RECOMMENDATION

That the presentation by Diana Suzuki, Environmental Outreach Coordinator, Environment Division entitled, "City of Mississauga Environmental Outreach Program" to the Environmental Action Committee on June 9, 2015 be received.

Received (Councillor Tovey)
Recommendation EAC-0020-2015

MATTERS CONSIDERED

1. Minutes of Previous Meeting

1.1 Minutes of the Environmental Advisory Committee held on May 5, 2015.

Approved (C. Dalton)

2. Council Resolution in Support of Rooftop Solar Applications Under the Provincial Small Feed-in Tariff (FIT) Program 2015-2018

Memorandum dated May 20, 2015 from Mary Bracken, Environmental Specialist, Environment Division with respect to the Council Resolution in support of rooftop solar applications under the Provincial Small Feed-in Tariff (FIT) Program 2015-2018.

Ms. Bracken provided a brief explanation with respect to the FIT Program, noting that a full report would be presented to General Committee in June 2015.

RECOMMENDATION

That the memorandum dated May 20, 2015 from Mary Bracken, Environmental Specialist, Environment Division with respect to Council Resolution in Support of Rooftop Solar Applications Under the Provincial Small Feed-in Tariff (FIT) Program 2015-2018 be received.

Received (B. Bass)

Recommendation EAC-0021-2015

INFORMATION ITEMS(a) EAC Inquiries

Members briefly reviewed the EAC Inquiries chart, updated June 3, 2015.

RECOMMENDATION

That the EAC Inquiries Chart, updated June 3, 2015 be received.

Received (C. Cooper)

Recommendation EAC-0022-2015

OTHER BUSINESS(i) Environmental Action Committee (EAC) Strategic Planning Workshop

Karyn Stock-MacDonald, Business and Innovation Coach, Strategy and Innovation Division led the Committee through a strategic work planning session to develop the Work Plan for the Environmental Action Committee.

Ms. Stock-MacDonald briefly outlined the goals of the planning session, noting that the Committee would be participating using the Technology of Participation (TOP) method to create the EAC Work Plan.

In pairs, Members were asked to brainstorm ideas that focused on what they want to achieve, both individually and collectively, over the next four years. Members worked in pairs and were asked to select their top 3 to 5 ideas and share them with the group. As a group, Members categorized the ideas and organized them into six sections:

1. Educating the Community Through Speaking Engagements;
2. Promote/Foster Community Partners and Their Initiatives;
3. Research, Advocate and Recommend Policy Change;

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4. Promote and Reward Living Green;
 5. Host Significant Environmental Events;
 6. Be the Change/Lead By Example

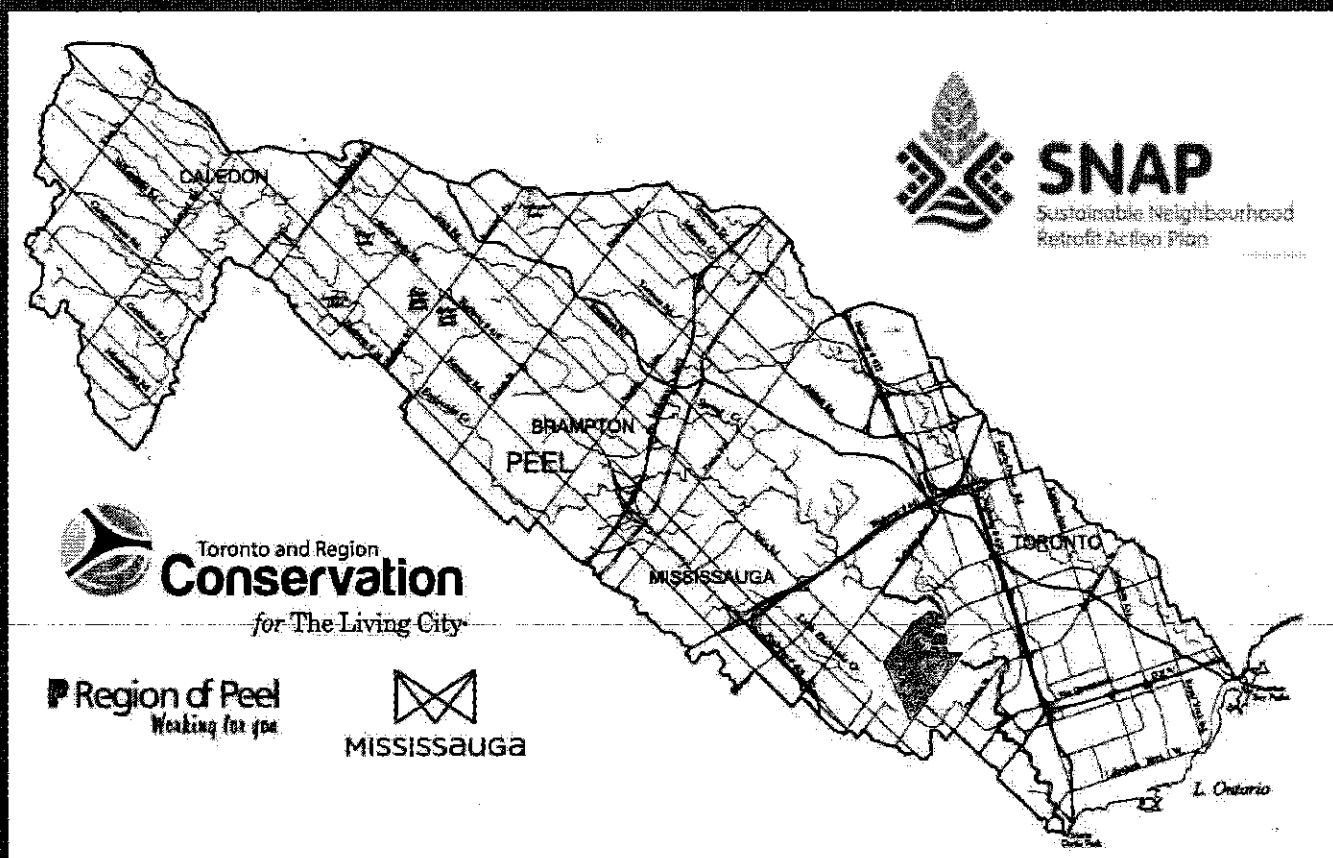
Ms. Stock-MacDonald advised that the next session would focus on how to achieve the six priority areas that the Committee had identified.

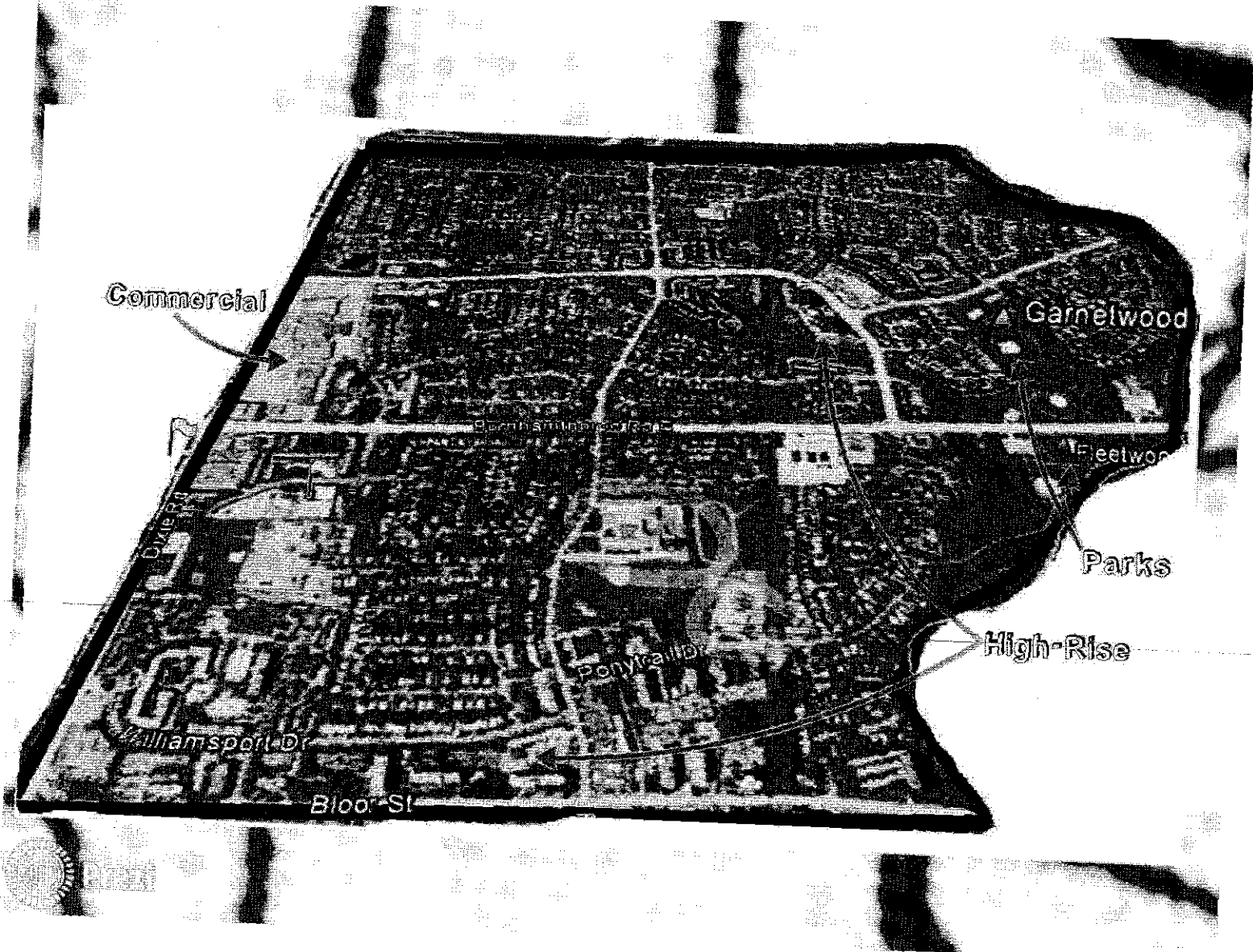
DATE OF NEXT MEETING – Tuesday, July 7, 2015 – 9:30 a.m., Committee Room B

ADJOURNMENT – 12:20 p.m.

DRAFT

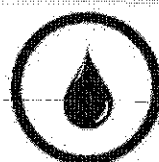
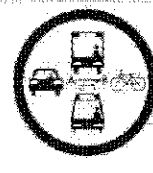
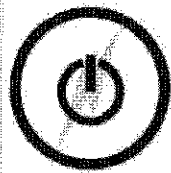
JUL 07 2015





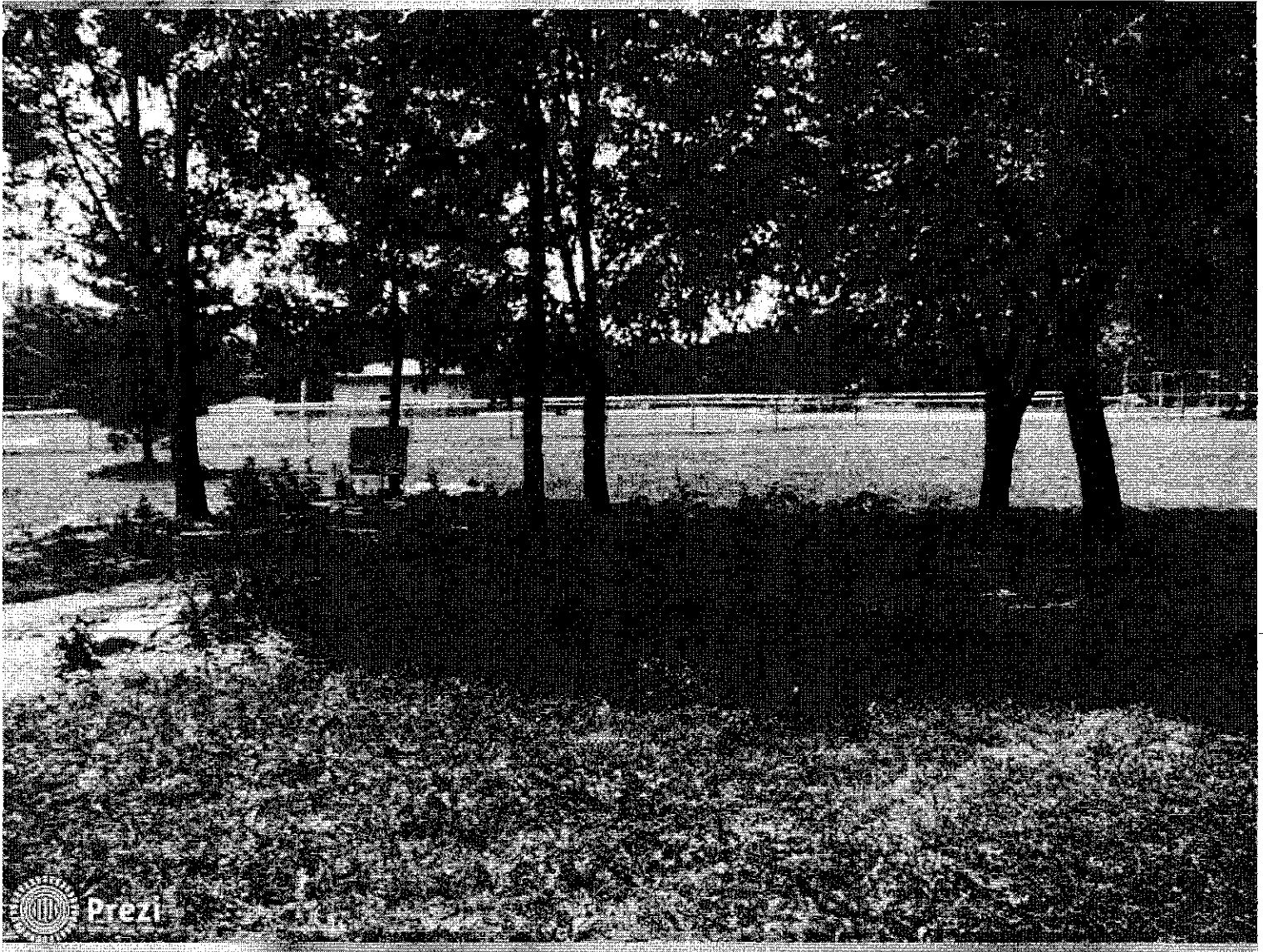
Characterization

- Focus Group
- Engagement

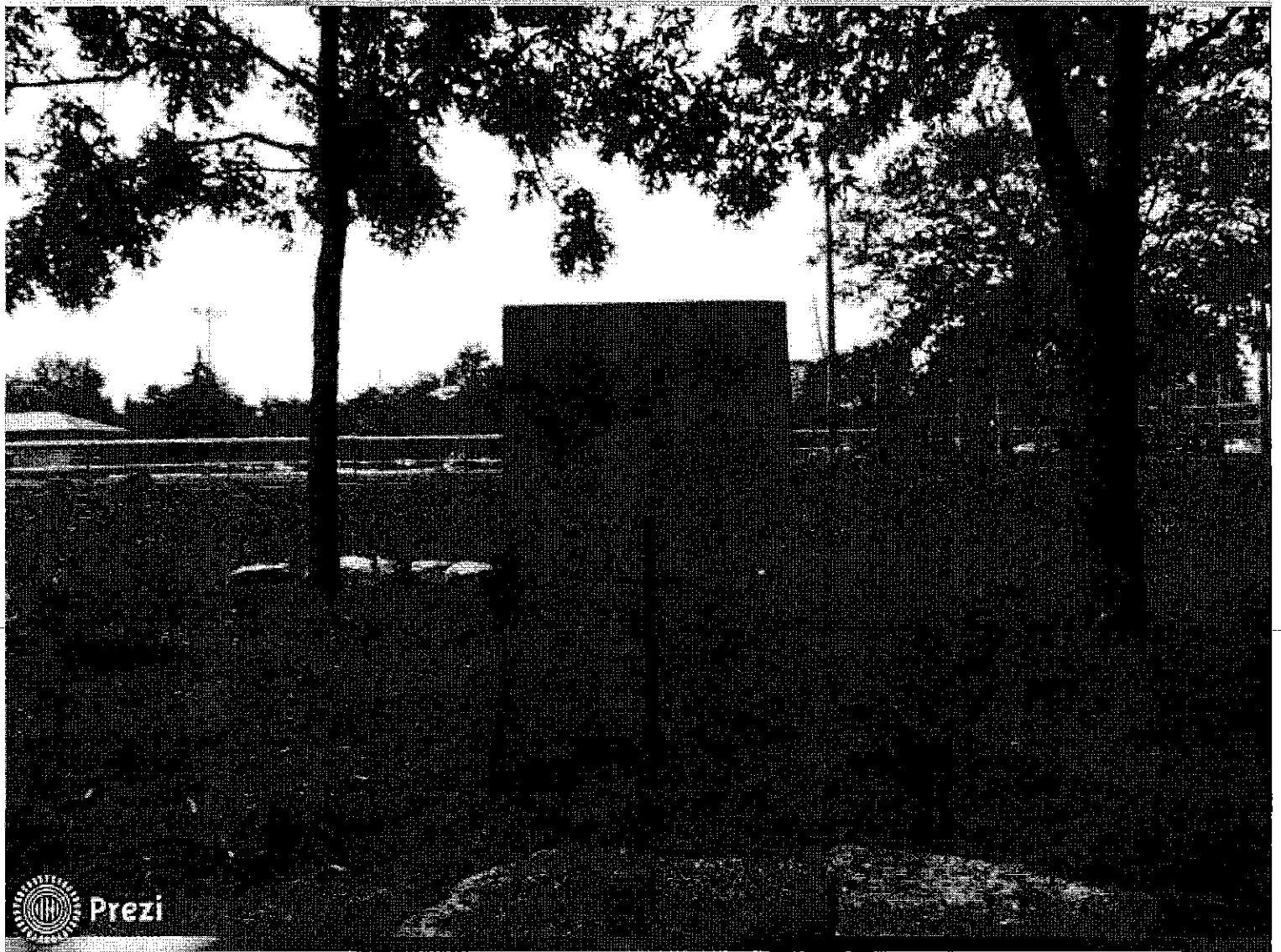


The Plan





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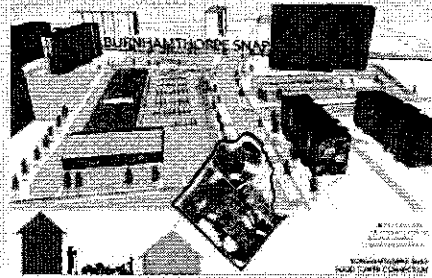
Prezi



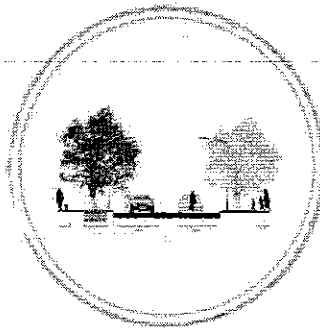
Themes



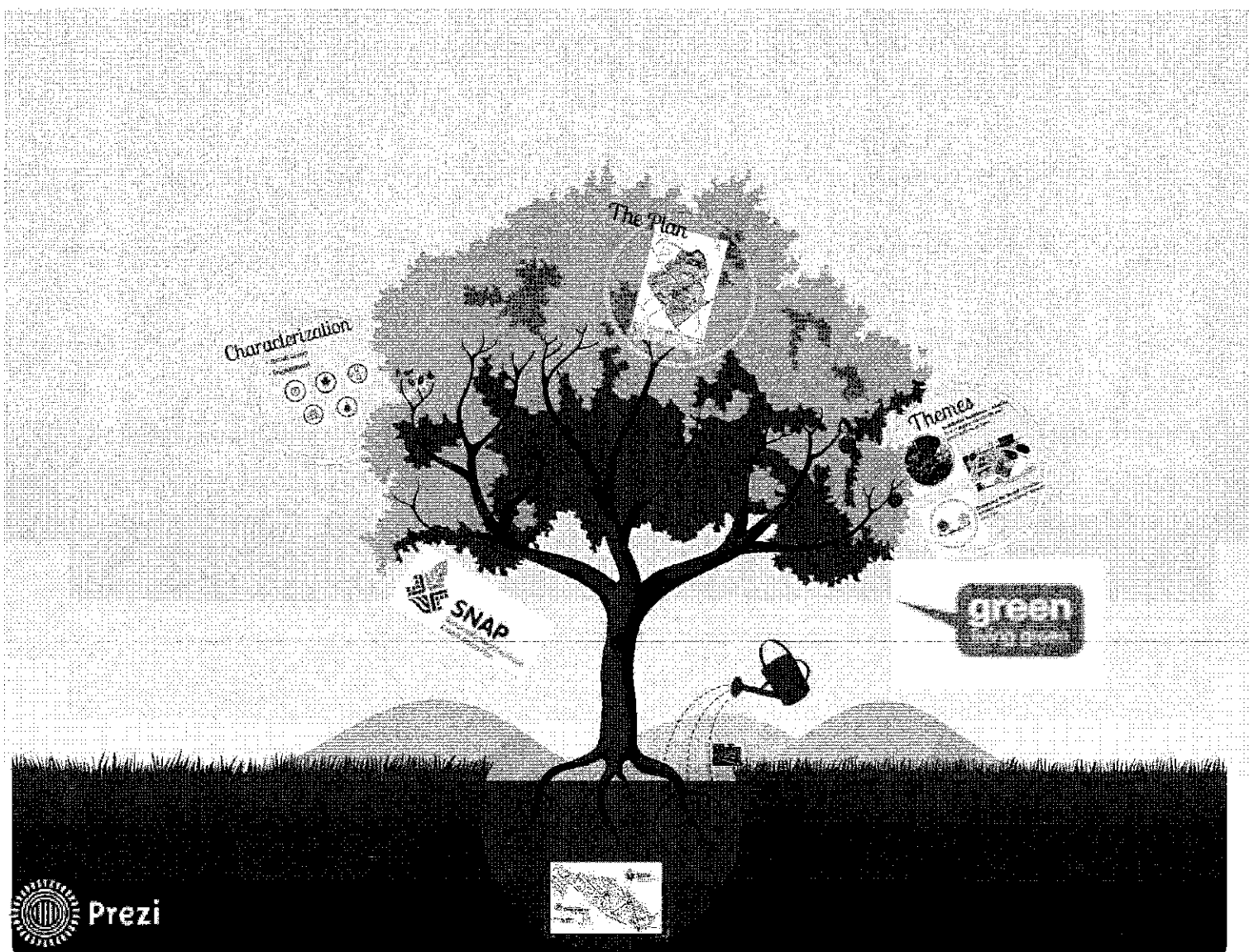
Residential Resilience - Adapting to a changing climate through green actions at home



Enabling local food production and sharing to
foster and enhance the neighborhood



Occupying the Street - Creating greener and more vibrant streets over time



Environmental Action Committee – Strategic Planning Workshop

June 9, 2015

Educating Community Through Speaking Engagements	Promote/Foster Community Partners and Their Initiatives	Research, Advocate and Recommend Policy Change	Promote and Reward Living Green	Host Significant Environmental Education Events	Be the Change / Lead By Example
<ul style="list-style-type: none"> • Make ourselves available for local service clubs • Direct EAC programming in schools • Tap into Garden Clubs for presentations 	<ul style="list-style-type: none"> • Create “cheat sheet” of environmental programs / opportunities (turn into app and/or map) • Leverage City internal communications to promote partnerships • Promote MiWay passes to young initiatives like CYC, etc. • Cross-promote using social media • Joint event listings with community partners 	<ul style="list-style-type: none"> • Urban River Valley Greenbelt support statement • Modify by-laws to allow residential native habitat • Summer 2015 – review Peel Food Charter draft, fall/winter 2015: endorse or recommend Council endorsement of final Charter (Food Security Task Force) • Deposits on all containers 	<ul style="list-style-type: none"> • Reward residential and commercial for good behaviour • Engage Residents' Associations in common Green Initiative / Challenge • Winter cycling event/ride • Bioswale Art contest 	<ul style="list-style-type: none"> • Environmental Conference / Showcase • Host the Great Lakes St. Lawrence Mayor's Conference 2018 (high profile event) • 2 day conference (all stakeholders, keynote) scale up of various events (earth markets, appreciation evening) • Co-host stewardship bus tours of watershed projects 	<ul style="list-style-type: none"> • Topic Experts on EAC – monitor, report Best Practices, trends and issues • Energy or waste challenge for EAC • Litter clean-up • EAC Community Garden
Members: Councillor Matt Mahoney, Joanne, Chelsea, Lea Ann, Charles	Members: Dave Carolyn	Members: Carolyn Lee Ann	Members: Councillor George Carlson, Carolyn, Charles, Joanne	Members: Dave	Members: Councillor Matt Mahoney, Councillor George Carlson, Chelsea, Joanne, Lee Ann

Environmental Advisory Committee

JUL 07 2015

(a)

EAC INQUIRIES

MEETING DATE	INQUIRY	PMR	RESPONSE/STATUS
2015-04-07	Climate Change and Stormwater	Karen Morden Legislative Services	Completed EAC-0003-2015 1. That the PowerPoint presentation by Christopher Davidson, P.Eng, Evidence for Democracy entitled, "Climate Change and Stormwater" to the Environmental Action Committee on April 7, 2015 be received; 2. That Environment Canada be requested to address the issue of climate change, specifically to update the Intensity Duration Frequency (IDF) Curves to facilitate municipal design standards for Stormwater Management.
2015-05-05	Bike Lane Sweeping / Maintenance	Erica Warsh Active Transportation	1. For general information: http://www.mississauga.ca/portal/residents/springclean-up 2. To report specific locations: Call 3-1-1 or contact Erica Warsh (905) 615-3200 x5384
2015-05-05	Sidewalk Infill	Erica Warsh Active Transportation	To report specific sidewalk safety concerns, contact Erica Warsh, Active Transportation (905) 615-3200 x5384

Updated: 2015-07-07

Environmental Advisory Committee

JUL 07 2015

(b)