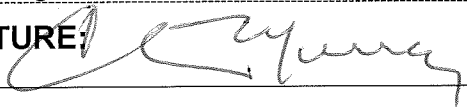




Hamilton

CITY OF HAMILTON

**City Managers Office
Sustainability**

TO: Mayor and Members General Issues Committee	WARD(S) AFFECTED: CITY WIDE
COMMITTEE DATE: July 8, 2013	
SUBJECT/REPORT NO: Hamilton Environmental Summit 2013 (CM13002(a)) (City Wide)	
SUBMITTED BY: Chris Murray City Manager	PREPARED BY: Laura Beattie 905.546.2424 x1286 Heather Donison 905.546.2424 x1276 Beth Goodger 905.546.2424 x5639
SIGNATURE: 	

RECOMMENDATION

- (a) That the City of Hamilton facilitate an annual Environmental Summit, the next one to occur in 2014, to highlight local environmental projects and activities and foster partnership among stakeholders;
- (b) That the City Manager be directed to consider the issues, opportunities for collaboration and conclusions from the 2013 Environmental Summit in the update of Vision 2020 and the City's next Corporate Strategic Plan;
- (c) That staff from Public Health, Planning and Economic Development, and Public Works review the Hamilton Environmental Summit Event Report and identify issues and ideas that are actionable in their day-to-day work and upcoming projects, to be compiled for report to the 2014 Environmental Summit.

EXECUTIVE SUMMARY

Hamilton's first Environmental Summit was held on Thursday, April 25, 2013 at the Waterfront Banquet and Conference Centre in Hamilton, Ontario.

This sold-out event featured sixteen speakers from government, academia, non-profit organizations, businesses, and industry to educate and celebrate environmental initiatives underway in or affecting the City of Hamilton. Ninety-five people from forty-six different organizations participated in the day's events. This has an extremely wide influence across the city as these organizations collectively interact with thousands every day. The afternoon portion of the Summit was an interactive workshop to discuss current and future environmental issues affecting the Hamilton area, possible solutions, required resources and opportunities for collaboration.

Discussion took place in relation to the following ten theme areas: agriculture and food, air quality, climate change, consumption, energy, land use, natural areas, corridors and biodiversity, transportation, waste management, and water. Thirty environmental issues (three per theme) were identified through the conversations; through a voting process the participants identified what they felt were the most pressing for Hamilton at this time:

1. Brownfields
2. Loss of urban natural areas, open space, and parkland
3. Complete streets and complete communities
4. Rapid transit and funding
5. Wise water use
6. Energy conservation
7. Lack of climate change education
8. Vehicle emissions
9. An unwillingness to change lifestyles on a daily basis
10. A consumption-dependent economy

The participants also discussed steps that would be necessary to improve collaboration and foster partnerships to ensure continued environmental action in the city. Common themes arising from these discussions included:

- Continuing to host an environmental summit as a communication/collaboration forum
- Need for broad education on environmental issues and strategies
- Development of a formal strategy with a planned method for implementation to develop a vision for the city and addresses all stakeholders
- Celebrating and building on success stories
- Forming an Environmental Roundtable or Advisory Committee

Event participants were consulted during the event as well as within the week following the Environmental Summit. Their feedback was predominantly positive and showed enthusiasm for future Hamilton Environmental Summits and related action items going forward.

City staff have reviewed the Summit outputs and are recommending that the Environmental Summit be hosted again in 2014 as a way to continue collaboration. The other components identified for collaboration will continue to be explored through the update of Vision 2020 and the City's Strategic Plan, which are being led through the City Manager's Office. This would include establishing an Environmental Roundtable,

consideration of a formal strategy for environmental issues, how to highlight and showcase local successes and the need for environmental education and communication efforts.

Work on the various theme areas is continuing by City Departments and the information from the Environmental Summit will be provided to them for consideration in their work and also reporting in at the next Environmental Summit.

Alternatives for Consideration – See Page 6

FINANCIAL / STAFFING / LEGAL IMPLICATIONS (for Recommendation(s) only)

Financial: Recommendation (a) pertaining to the planning and executing of the annual Environmental Summit will continue to be coordinated through the City Manager's office through existing budgets. Approximately \$10,000 (gross) is required for this event. The costs will be offset by sponsorships and registration fees.

Staffing: Current City staff will be able to fulfil all tasks and duties associated with the above recommendations.

Legal: Not applicable.

HISTORICAL BACKGROUND (Chronology of events)

During a GIC meeting on January 14, 2013, Council approved recommendations stated in the report titled Developing an Environmental Roundtable for Hamilton (CM13002) (City Wide). Such approval allowed the "Development of an Environmental Roundtable that, through collaborative efforts with community partners, would highlight accomplishments and address issues related to environmental sustainability." The first step of achieving this action involved planning and executing an Environmental Summit for Hamilton similar to past Economic and Transportation Summits held in the city.

A planning committee was recruited soon after January 14, 2013 and included City of Hamilton staff from the City Manager's Office, Public Works, Public Health, and Planning and Economic Development. Outside organizations who also had representatives on the planning committee included Mohawk College, McMaster University, Hamilton Industrial Environmental Association, Environment Hamilton, Green Venture, Sustainable Hamilton, Econet, and the Hamilton Conservation Authority.

The Hamilton Environmental Summit was held on Thursday, April 25, 2013 from 8:00am – 4:00pm and was Carbonzero certified (certification number: CZC-14752-0904-2013). Nearly 100 people attended the event to listen to presentations and participate in the

afternoon workshop. Thirty minute presentations were given by Ewa Jackson (ICLEI), Anne Tennier (Maple Leaf Foods), and Mitzi Hunter (Greater Toronto CivicAction Alliance) about the importance of sustainability from a Hamilton perspective as well as on a national and international scale. Fast-paced five minute Ignite-style presentations were also given by representatives from Dundas in Transition, St. Lawrence Catholic Elementary School, Sustainable Hamilton, Clean Air Hamilton, Sun Country Highway, Hamilton Port Authority, CityHousing Hamilton, the City of Hamilton's Environmental Monitoring and Enforcement department, and the Cootes to Escarpment program. These shorter presentations focused on highlighting and celebrating the environmental programs and initiatives carried out by each group.

The afternoon featured a workshop facilitated by individuals from Lura Consulting. During this time, participants were provided with three sessions of fifteen minutes each to discuss environmental topics affecting Hamilton. Each table had a facilitator to capture and summarize main ideas. The ten topics included: agriculture/food, air quality, climate change, consumption, energy, land use, natural areas/corridors/biodiversity, transportation, waste management, and water.

Participants were to answer the following two questions in each of their fifteen minute segments:

- (a) What are the issues within this focus area that we need to be proactive in addressing now and/or within the next 10 years?
- (b) How do we address the issues that have been identified? Which strategies could we pursue? Things to consider: groups and projects that already exist; how policies, political action, educational institutions, etc. may be involved with this; any and all other resources that may be required to address this issue.

Opportunities for collaboration were identified later in the workshop when participants were asked "What collaboration methods would work well moving forward (e.g. annual Environmental Summit, environmental roundtable, or other) and why?" From all information collected, each of the table facilitators took the three main ideas to present to all attendees. Participants were then able to vote on the thirty ideas to show which they felt were the most important for the City of Hamilton to focus on.

All workshop results were compiled and analyzed in a report written by the event facilitators at Lura Consulting. This report and its associated appendices with all workshop details can be found in Appendix A of this report. The results showed the most important focus areas for Hamilton to be land use, natural areas/corridors/biodiversity, and transportation.

The top ten most pressing environmental issues for Hamilton at this time were identified by workshop participants and stated in the Event Report as:

1. Brownfields;
2. Loss of urban natural areas, open space, and parkland;

3. Complete streets and complete communities;
4. Rapid transit and funding;
5. Wise water use;
6. Energy conservation;
7. Lack of climate change education;
8. Vehicle emissions;
9. An unwillingness to change lifestyles on a daily basis; and
10. A consumption-dependent economy.

Based on these results Lura Consulting provided four conclusions:

- (a) There is a need for a formal strategy to be developed with a planned method for implementation that addresses actions, stakeholders and develops a vision for the city;
- (b) An increased effort should be made to highlight and celebrate our many local successes;
- (c) There is a need to provide opportunities for people to continue working together moving forward; and
- (d) There is a need for environmental education and communication efforts.

Feedback was also collected from the event participants. Forty-nine of the ninety-five attendees responded to the feedback survey provided. Ten different questions were asked pertaining to various components of the day's agenda, the overall experience, venue, and more. All feedback details can be found in Appendix B in the Event Feedback Results report.

The following conclusions were construed: The Environmental Summit should be considered a success; attendees valued working with others towards the greater environmental-good of Hamilton; even though the big picture of working with other communities was seen as important, there was a feeling that a local focus must be kept.

Based on participant feedback, the following recommendations were also made: The City of Hamilton should continue to work with stakeholders to host future Environmental Summits; at this time, do not combine future Environmental Summits with future Transportation Summits; food options throughout the event must have more environmentally-friendly characteristics to them; consider alternate venues for future Environmental Summits; more networking opportunities should be made available to event participants.

POLICY IMPLICATIONS/LEGISLATED REQUIREMENTS

No policy implications or legislated requirements apply to the proposed recommendations.

RELEVANT CONSULTATION

Internal and external consultation was executed to determine recommendations to be submitted in this report.

Recommendations were based on workshop results and conclusions pertaining to the Hamilton Environmental Summit 2013 as stated in Lura Consulting's Event Report (Appendix A) as well as feedback from event participants. The Hamilton Environmental Summit 2013 planning committee had a chance to review the draft recommendations and provide comments and feedback via email as well as openly discuss thoughts with other committee members during a scheduled meeting.

All event participants were also consulted electronically to give their input on the recommendations after the planning committee feedback was included. This consultation included individuals from forty-six different organizations such as the Hamilton Conservation Authority, Dundas in Transition, ArcelorMittal Dofasco, McMaster University, and other city staff not on the planning committee (see Appendix C for complete list of organizations).

All individuals who provided input on the Event Report and the recommendations to Council were responded to with the outcomes of their comments.

ANALYSIS / RATIONALE FOR RECOMMENDATION

(include Performance Measurement/Benchmarking Data, if applicable)

Each of the proposed recommendations has value for Hamilton's natural environment. Data collected in the form of participant feedback and workshop results from the Hamilton Environmental Summit show the need for further collaborative environmental action on a city wide basis. Initially, hosting a second annual Environmental Summit and consideration of important environmental issues by City departments will help to fill this need.

Additional efforts for collaboration were also identified through the Environmental Summit, including establishing an Environmental Roundtable. Staff are not recommending proceeding with the establishment of further initiatives for 2014 as these would require additional resources (staffing and budget). Instead these aspects, including the establishment of an Environmental Roundtable, will be considered as part of the City's Strategic Plan update and Vision 2020 update work that will be done in 2013-2015. In the meantime, continuing with the Environmental Summit for 2014 will fulfill Council's objective to highlight accomplishments and address issues relating to environmental sustainability.

The results gathered from the Environmental Summit are very insightful and should not be forgotten or left without action attached. Thus the logical next step to have other

departments within the City of Hamilton review the data and conclusions from the Summit to see where identified issues and solutions could fit into their day-to-day work and upcoming projects.

ALTERNATIVES FOR CONSIDERATION

(include Financial, Staffing, Legal and Policy Implications and pros and cons for each alternative)

One alternative is to do nothing with Environmental Summit workshop results. However, this alternative is not recommended as citizens and representatives from government, businesses, non-profit organizations, academia, and industry from the Hamilton area all provided input leading to the recommendations stated above.

ALIGNMENT TO THE 2012 – 2015 STRATEGIC PLAN:

Strategic Priority #1

A Prosperous & Healthy Community

WE enhance our image, economy and well-being by demonstrating that Hamilton is a great place to live, work, play and learn.

Strategic Objective

1.6 Enhance Overall Sustainability (financial, economic, social and environmental).

Strategic Actions

- (i) Development of an Environmental Roundtable that, through collaborative efforts with community partners, would highlight accomplishments and address issues related to environmental sustainability.

The recommendations support our Strategic Priority to “enhance our image, economy and well being” by supporting community and municipal action to highlight environmental successes and identify potential opportunities to work together to address environmental sustainability.

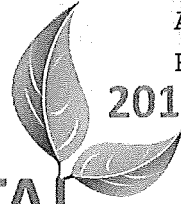
APPENDICES / SCHEDULES

Appendix “A” to Report CM13002(a) – Lura Consulting Event Report
Appendix “B” to Report CM13002(a) – Participant Feedback Results
Appendix “C” to Report CM13002(a) – Event Participants - List of Attendee Organizations

Appendix "A" to
Report CM13002(a)

HAMILTON ENVIRONMENTAL SUMMIT

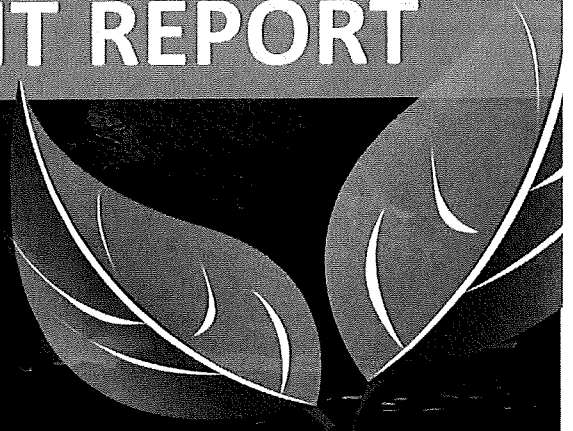
2013



Working Together to Improve Hamilton's Environment



EVENT REPORT



Hamilton Environmental Summit – Event Report

This Report was prepared by:

Liz Nield and James Knott of Lura Consulting

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telephone: 905-527-0754

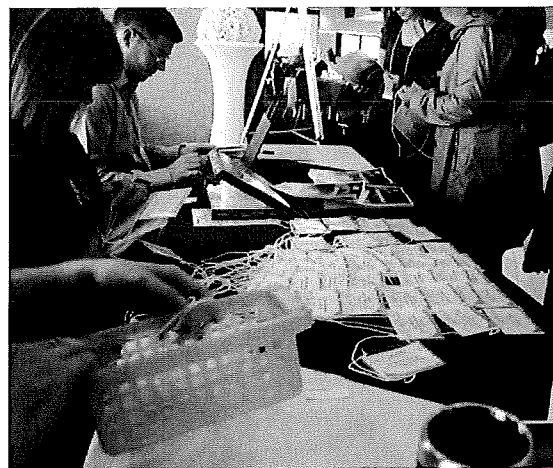
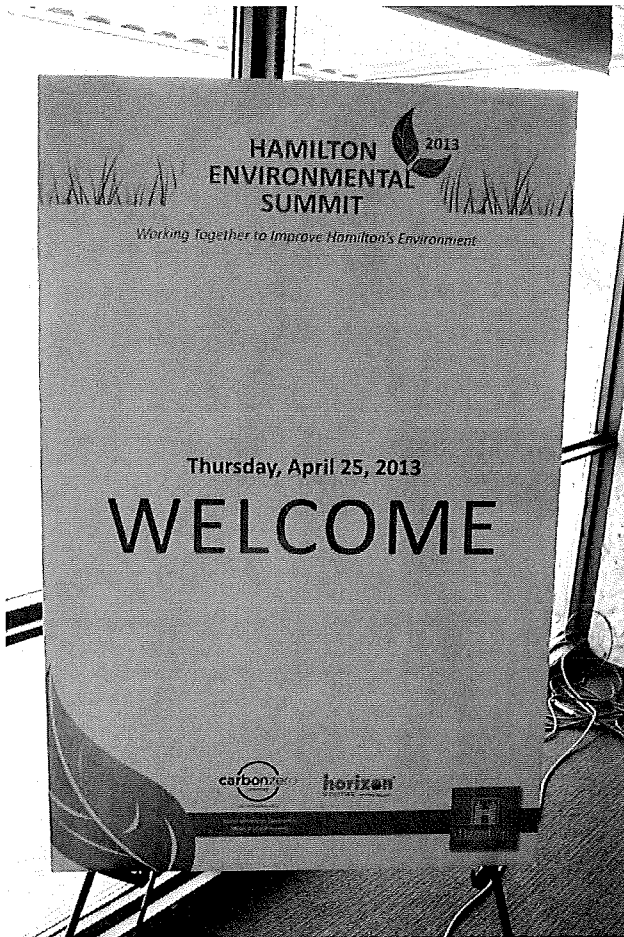


Hamilton Environmental Summit – Event Report

1. Introduction

On April 25, 2013, nearly 100 participants gathered at The Waterfront Banquet and Conference Center for Hamilton’s first Environmental Summit. Over the course of the day, local accomplishments were highlighted, inspiring presentations were delivered, potential solutions to Hamilton’s environmental issues were discussed, and opportunities for continued collaboration were identified.

This report highlights the presentations made, presents a snapshot of the workshop results, and puts forward a series of recommendations for moving forward. It was written by the independent facilitation team for the project (Liz Nield and James Knott of Lura Consulting).



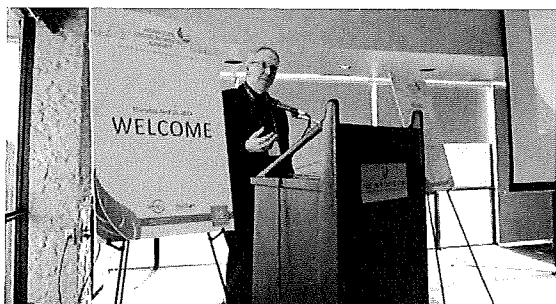
Hamilton Environmental Summit – Event Report

2. Presentations Summary

Over the course of the day, a number of speakers delivered a series of presentations, focusing on some of the activities and policies that are improving and protecting Hamilton's environment, to examine environmental trends and threats that may impact local environmental health and to explore trends in collaboration.

The presentations were video recorded. A summary of presenters, their organization, and topics are provided in the table below.

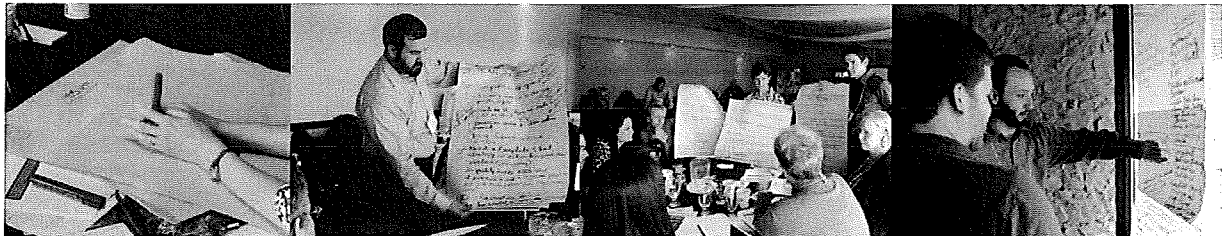
Table 1. Presenters		
Name	Organization	Topic
Chris Murray	City of Hamilton	Morning Introduction
Jim Stirling	Hamilton Industrial Environmental Association	Morning Introduction
Brian McHattie	Hamilton Conservation Authority	Morning Introduction
Ewa Jackson	ICLEI	Keynote Address
Heather Donison	City of Hamilton	Local Perspective
Anne Tennier	Maple Leaf Foods	Happening Here
Dave Carson and Jim Sweetman	Dundas in Transition	Creating Community Resilience
Grant Ranalli	St. Lawrence School	Being Environmentally Active in Schools
Sandi Stride	Sustainable Hamilton	Enabling Sustainability in Business
Denis Corr	Clean Air Hamilton	Clean Air & Healthy Lifestyles for Kids
Stephen Bieda	Sun Country Highway	Electric Vehicles & Infrastructure
Marilyn Baxter	Hamilton Port Authority	Large-scale Energy Savings
Theresa Phar	CityHousing Hamilton	Community Gardens
Dave Alberton	City of Hamilton	Environmental Monitoring & Enforcement
Jen Baker	Cootes to Escarpment	Mac Green for Grasslands
Mayor Bob Bratina	City of Hamilton	Afternoon Introduction
Mitzie Hunter	Greater Toronto CivicAction Alliance	Keynote Address



3. Workshop Results

Following the presentations, Summit participants were asked to participate in a workshop to take a critical look at areas where action is needed. These conversations were focused within ten theme areas, with participants each getting a chance to discuss three of following:

- Agriculture and Food
- Air Quality
- Climate Change
- Consumption
- Energy
- Land Use
- Natural Areas/Corridors/Biodiversity
- Transportation
- Waste Management
- Water



Stemming from these theme-based conversations were thirty (three per theme) environmental issues identified by summit attendees. Participants were then asked to select their top ten issues across all themes. The results of this exercise are provided in the list below, with the following ten environmental issues (presented in order of priority as determined at the Summit) representing what Summit participants feel are the most pressing in Hamilton at this time:

1. Brownfields
2. Loss of urban natural areas, open space, and parkland
3. Complete streets and complete communities
4. Rapid transit and funding
5. Wise water use
6. Energy conservation
7. Lack of climate change education
8. Vehicle emissions
9. An unwillingness to change lifestyles on a daily basis
10. A consumption-dependent economy

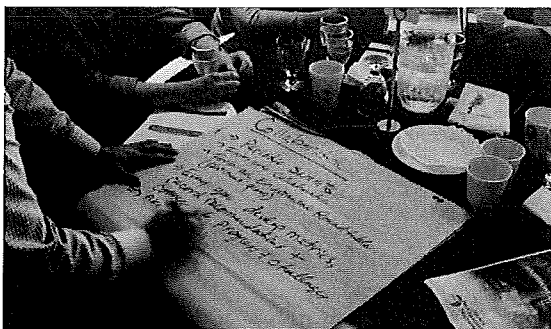
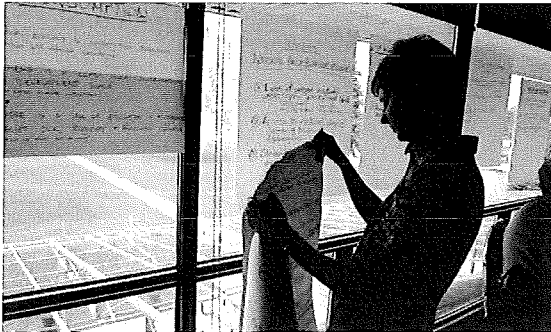
Hamilton Environmental Summit – Event Report

A full list of all identified issues, as well as their corresponding potential solution(s) can be found in Appendix A – Meeting Data and Notes.

During the second part of the workshop, participants discussed the steps needed to take collective action and foster partnerships to ensure continued environmental action in the City. Presented in no particular order, the following is a list of recurring advice from these conversations:

- Continue to host an Environmental Summit that allows open communication and planning on environmental efforts
- Broad education on environmental issues and strategies is needed
- Reduce silos (intercity and intergroup) and foster partnerships to allow for true collaboration
- Develop a formal strategy with a planned method for implementation that addresses all stakeholders and develops a vision for the city
- Build off and celebrate past success stories
- Form an Environmental Advisory Committee or Environmental Roundtable

The full list of ideas for continued collaboration can be found in Appendix A – Meeting Data and Notes.



4. Conclusions

Over the course of the day, several key, recurring ideas emerged. Through the conversation and dialogue at the Environmental Summit, the facilitation team has made the following conclusions from our observations:

There is a need for a formal strategy to be developed with a planned method for implementation that addresses actions, stakeholders and develops a vision for the city; Hamilton has a storied history of environmental action and strong dedication to addressing its environmental issues. This fact was made apparent time and time again during the presentations and conversations at the Summit. Hamilton's residents, businesses, community groups and organizations, politicians, and municipal staff have long been committed to tackling the City's environmental issues

The recommendations and actions from the summit can be the starting point for such an environmental plan.

An increased effort should be made to highlight and celebrate our many local successes. There is no shortage of individuals, community groups and organizations, businesses, and government agencies working every day to ensure a healthy environment for all of Hamilton's residents to enjoy. In short, there is much local success to be recognized, celebrated, and showcased.

An online platform for showcasing the many environmental initiatives and organizations within Hamilton would be a useful tool for accomplishing such a goal.

There is a need to provide opportunities for people to continue working together moving forward. The buzz and energy so evident in the room throughout the duration of the Summit, coupled with the direct statements of many participants, indicates that people appreciated the opportunity to collaborate and network with likeminded individuals. Events such as the Environmental Summit offer opportunities to foster partnerships and meaningful relations, and present individuals and organizations with an opportunity to learn from each other and leverage each other's knowledge and experience.

The City should continue to host an Environmental Summit and consider establishing an Environmental Roundtable.

There is a need for environmental education and communication efforts. Throughout the Summit, the need for education, communication, and an overall increase of awareness around environmental issues was a recurring theme and connected to many conversations, presentation and the workshop. While many pressing environmental issues in Hamilton have been resolved and progress continues to be made, continued efforts to increase awareness are critical.

HAMILTON ENVIRONMENTAL SUMMIT



Working Together to Improve Hamilton's Environment



APPENDIX A - MEETING DATA AND NOTES



Appendix A – Meeting Data and Notes

This Report was prepared by:

Liz Nield and James Knott of Lura Consulting

email: lnield@lura.ca

telephone: 905-527-0754



Appendix A – Meeting Data and Notes

Hamilton's Top Environmental Issues

To determine Hamilton's top environmental issues the conference attendees were facilitated by Lura Consulting in a conversation-based World Café exercise. Ten facilitators led conversations in fifteen minute rounds where conference attendees discussed the topic at hand. Attendees were each given the chance to visit three tables. Facilitators and participants were then asked to identify the three most prominent issues that arose across the discussions of their topic. The three issues for each topic were presented to the larger group. Out of the thirty total issues, participants were each asked to identify the ten they felt were most important. The results of this exercise are presented in the table, below.

Table 1. Hamilton's Top Environmental Issues		
Issue	Focus Area	Votes
Brownfields	Land Use	32
Loss of Urban Natural Areas, Open Space, and Parkland	Natural Areas/Corridors/Biodiversity	26
Complete Streets and Complete Communities	Transportation	22
Rapid Transit and Funding	Transportation	21
Wise Water Use	Water	21
Energy Conservation	Energy	20
Lack of Education	Climate Change	19
Vehicle Emissions	Air Quality Issues	17
Unwillingness to Change Lifestyles on a Daily Basis	Climate Change	17
Economy is Consumption-dependent	Consumption	16
Loss of School Properties	Land Use	16
Land – soil quality, protection of land, zoning for use	Agriculture and Food	12
Local – transportation, air quality, urban agriculture, availability	Agriculture and Food	12
Lack of Education/Awareness	Consumption	12
Road Dust and Drag Out	Air Quality Issues	11
Access to Natural Areas/ Removing Barriers	Natural Areas/Corridors/Biodiversity	11
Province-wide Consistency	Waste Management	11
New Policy/Regulation	Energy	11
Connectivity and Community	Transportation	10
Clash Between Conservation and	Consumption	9

Appendix A – Meeting Data and Notes

Table 1. Hamilton's Top Environmental Issues		
Issue	Focus Area	Votes
Development		
Stewardship, Education and Awareness	Natural Areas/Corridors/Biodiversity	8
Increased Extended Producer Responsibility	Waste Management	8
Heritage Sites	Land Use	6
More Diversion Opportunities	Waste Management	5
Affordability – social awareness, nutrition, local policy	Agriculture and Food	5
Sediment/Contaminants	Water	4
Industrial Pollution	Air Quality Issues	3
Education	Energy	3
Promotion of New Water Technologies	Water	3
Ability to Influence Global Changes	Climate Change	1

Environmental Issues and Potential Solutions Discussions Results

Prior to the Environmental Summit a survey was distributed online to determine the concerns of residents. From the data collected, ten main themes were established as the key issues to be discussed during the summit. The topics for the day included: Agriculture and Food, Air Quality, Climate Change, Consumption, Energy, Land Use, Natural Areas/Corridors/Biodiversity, Transportation, Waste Management, and Water.

These themes were used as the topics for the World Café discussions. Groups were asked to communicate the issues surrounding the topics as well as strategies for addressing the issues.

Participants were asked to focus on the following questions:

1. What are the issues within this focus area that we need to be proactive in addressing now and/or within the next 10 years?
2. How do we address the issues that have been identified? Which strategies could we pursue? Things to consider: groups and projects that already exist; how policies, political action, educational institutions, etc. may be involved with this; any and all other resources that may be required to address this issue.

Appendix A – Meeting Data and Notes

1. Agriculture and Food

Top three issues:

1. Land – soil quality, protection of land, zoning for use
2. Local – transportation, air quality, urban agriculture, availability
3. Affordability – social awareness, nutrition, local policy

Table 2. Agriculture Issues and Potential Solutions	
Issue	Potential Solution(s)
Food insecurity – we need to lower this and connect more people with food, access to healthy affordable food, food availability to meet population growth.	<ul style="list-style-type: none"> • Establish/build community food centres (the Stop in Toronto, neighbour to neighbour and community gardens)
Climate change impacts	<ul style="list-style-type: none"> • (none provided)
Impact of peak oil on food	<ul style="list-style-type: none"> • (none provided)
Credibility of urban agriculture – Economic viability and local economy, not just farmers	<ul style="list-style-type: none"> • (none provided)
Challenges to local food production: <ul style="list-style-type: none"> • Ability to produce food within the City; • Relocalization of food production; • Land use; • Growing, producing, and distributing; • City/Province: local planting and zoning (can't grow and sell food in urban area); • Shopping locally outside of growing season; • Availability of local produce such as farmer's market; • Institutional procurement of local food; and • There is an assumption that we can import food in the planning processes. 	<ul style="list-style-type: none"> • Need a plan that accounts for ability to produce • Review of planning policy/by-laws • Removing barriers to urban agriculture and micro enterprise • On farm activities • Vertical farming (skyscraper stacked) • Provincial support for innovative solutions (such as aquaponics) • Preserve farmland for agriculture • Review of tax policy and incentives for agricultural production
Food policy development occurs in silos (e.g., health, education, rural affairs, agriculture)	<ul style="list-style-type: none"> • Development of a coordinated food policy • Resourcing policy and plan beyond policy • Use levers (tax/regulate/subsidy)
Lack of food skills – growing, preparing, processing, access to garden implements (tools, water)	<ul style="list-style-type: none"> • Education on food skills through school, community food centres • Catalogue food education efforts
Challenging to preserve Hamilton's agricultural land – soil quality (importance, remediation, use of compost)	<ul style="list-style-type: none"> • (none provided)
Back to basics on agriculture – impact of genetically modified organisms, effects on humans not tested. Demystifying organic food production (costs/benefits)	<ul style="list-style-type: none"> • (none provided)

Appendix A – Meeting Data and Notes

2. Air Quality

Top three issues:

1. Industrial Pollution – coke ovens, melt shops, slag dust, scrap yards, odours
2. Vehicle Emissions – cars and trucks, idling emissions, tire dust and brake dust, traffic congestion
3. Road dust and drag out – construction drag on industrial sites

Table 3. Air Quality Issues and Potential Solutions	
Issue	Potential Solution(s)
Industrial pollution (odours, iron oxide, rolling oils, coke oven, melt shop, coal and coke dust, slag dust, scrap yards)	<ul style="list-style-type: none"> • Increased use of approvals to target processes • Pollutant Save-on program (e.g., Save ON Energy) • Public awareness of air pollution issue and community issues • Listen to community groups • Carbon tax on fuels (vehicle and aircraft) • Enforcement of By-laws
Road dust and drag out (construction/industries, cars and trucks)	<ul style="list-style-type: none"> • Street sweeping/washing
Vehicle emissions (idling emissions, tire crumb, brake dust)	<ul style="list-style-type: none"> • Traffic flow management • Alternative transportation (bikes, light rail transit, rail) • Bike courier (last kilometre delivery) • Increased air monitoring and mobile air monitoring • Complete streets strategy – walkable communities • Better planning (higher density, walkable, plazas, intact communities, greenery)
Wood smoke and open trash burning	<ul style="list-style-type: none"> • Restrict sales of open burning devices
Air zone management long-range transport	<ul style="list-style-type: none"> • (none provided)

3. Climate Change

Top three issues:

1. Unwillingness to change lifestyles on a daily basis
2. Lack of education
3. Ability to influence global changes

Table 4. Climate Change Issues and Potential Solutions	
Issue	Potential Solution(s)
Lack of political leadership	<ul style="list-style-type: none"> • Mitigation is important but we need to start

Appendix A – Meeting Data and Notes

Table 4. Climate Change Issues and Potential Solutions	
Issue	Potential Solution(s)
	<ul style="list-style-type: none"> adaptation – local governments, individuals • Land protection – to produce refuge for wildlife and carbon sinks • Pull funds and invest in green but caution that fossil fuels do some good (e.g. health remedies) • Manage urban growth – clear cutting, areas of resiliency • Look at new regulations (punitive taxes for polluters, subsidies for non-polluters) • Encourage local production • Community-level Climate Action Plan
Lack of education and information (is it real? Why do some choose to deny it? Is what we are seeing short-term or the start of more changes, natural cycle which we have exacerbated? Segments of society still unsure, campaign to question validity of science which creates fear mongers against valid science, it's happening – denial does not help us – what are the solutions?)	<ul style="list-style-type: none"> • Need to fund proactive solutions • Let the facts speak • Adaptation – ongoing changes will continue • Bring it down to individuals • Stop arguing over what caused climate change • Promote what is being done • Honest reporting versus human induced and connect with action that need to be curbed • Use school promotion and education • Community plans to provide information
Muzzling scientists	<ul style="list-style-type: none"> • Discussion on why deny and how to deal with climate change
Disruption to lifestyles and apathy (people need to make changes to their daily lives)	<ul style="list-style-type: none"> • Economic incentives (e.g. carbon tax on flying and driving) • Focus on needed actions in daily life – easier to accept and to assess • “what can I do to take action”
Issue is large/global – how can we influence? (e.g. use of coal fired plants)	<ul style="list-style-type: none"> • (none provided)
Effects on planet	<ul style="list-style-type: none"> • Use of technology (e.g. geothermal solar) • Target easy to access technologies • Identify what will change, what the risks are and how does the address (e.g. rainfall is changing – sewers and sewage plants; we need to forecast what needs to be done) • Reduce effects of hurricanes
Limit to technology	<ul style="list-style-type: none"> • Education of new technologies and future improvements through research and development

Appendix A – Meeting Data and Notes

4. Consumption

Top three issues:

1. Our economy is consumption dependent. Does GDP measure well-being?
2. There is a clash over conservation and development goals. Which is more important?
3. There is a lack of education and awareness about our economy and associated impacts. Can we settle for out of sight out of mind?

Table 5. Consumption Issues and Potential Solutions	
Issue	Potential Solution(s)
Lack of standards	<ul style="list-style-type: none"> • Create provincial/federal standards • Consistency across jurisdictions • Consumption-based taxes/market-based interventions (fee/dividend need to be cost restructuring)
Lots of food waste	<ul style="list-style-type: none"> • (none provided)
Short life-span of products (perceived/planned obsolescence)	<ul style="list-style-type: none"> • Real cost of environment not included in product cost
Excessive packing	<ul style="list-style-type: none"> • Tax, regulate, subsidize
Waste management impacts	<ul style="list-style-type: none"> • (none provided)
Consumptive lifestyles (bigger is better, houses, cars, people etc.); Lifestyle expectations	<ul style="list-style-type: none"> • Redefine economy/well-being/prosperity • Target throw it out before repairing mindsets • Marketing – problem and solution (how do we change people’s mindsets, want vs. needs)
Conservation vs. development – land consumption	<ul style="list-style-type: none"> • Growth is finite – real limits
Lack of education	<ul style="list-style-type: none"> • Education pilot projects of our impacts and economy • Sharing co-ops (food, places, vehicles, books, skills) • Volunteerism • Flexibility, collaboration, mutual support
Developing key performance indicators/benchmarks/targets/data (we need goals that are long-term and sustainable)	<ul style="list-style-type: none"> • (none provided)
Production vs. consumption goals – there is a clash	<ul style="list-style-type: none"> • (none provided)
Consumer responsibility	<ul style="list-style-type: none"> • Marketing • Extended producer responsibility (needs to be a reality) • Incentives

Appendix A – Meeting Data and Notes

5. Energy

Top three issues:

1. Need to focus on conservation
2. Educate kids and adults to be more energy wise
3. Need new policy/regulation to promote conservation and more sustainable forms of energy.

Table 6. Energy Issues and Potential Solutions	
Issue	Potential Solution(s)
Greenhouse gas emissions – integrate climate and impacts, all energy should be renewable; 1 degree should be conservation	<ul style="list-style-type: none"> • Look at Germany and Denmark to see what is possible • Some cities provide money to retrofit • Solar installations • Address infrastructure challenges to fuel green alternative energy initiatives • Solar panels on industry roofs that contribute to the direct use of the plant • Expand all incentives to industry (e.g. MD limits because of direct connection) • Hamilton the electric city
Technology – full life cycle assessments of new technology like CFL lights and Mercury, long-lasting technologies that avoid planned obsolescence	<ul style="list-style-type: none"> • Push developers to find source of energy • New technology such as light sensors to save energy • Use these to save money • Use wasted heat to generate energy • Vehicles – shift to electric • Move from an oil economy – need to shift to alternative way to break away from oil • Line 9 reversal
Need an source of information to go to	<ul style="list-style-type: none"> • (none provided)
Resources to address this concern	<ul style="list-style-type: none"> • (none provided)
Planning new communities	<ul style="list-style-type: none"> • Must include geothermal, white and green roofs, grey water, deep water cooling, create a community regarding energy (maybe on the harbour front), green building code • Example: BC condos with regular electric vehicle infrastructure
Public awareness – more public awareness recognized that addresses public misconceptions and alternative energy, show financial incentives of renewable energy, need to get information out and let people know what they can do	<ul style="list-style-type: none"> • Need to do the job of linking cost of energy to its usage • Start educating only kids (outreach at school regarding energy use/conservation) • Recycle and reuse to save energy (profile creative re-use and recycled materials)
Lack of political support for alternative energy	<ul style="list-style-type: none"> • (none provided)
Government needs to help with	<ul style="list-style-type: none"> • Take money and invest in the local economy

Appendix A – Meeting Data and Notes

Table 6. Energy Issues and Potential Solutions	
Issue	Potential Solution(s)
policies/legislation to require energy reduction	
Canadian Centre for Policy Alternatives CCPA – carbon bubble – locally links to pension funds, oil, etc.	<ul style="list-style-type: none"> • (none provided)

6. Land Use

Top three issues

1. Brownfields – contamination, redevelopment, inventories, need public information, education, better security
2. Heritage sites – identification, reuse/maintain as opposed to tear down
3. Schools – tearing down instead of using them for community enhancement

Table 7. Land Use Issues and Potential Solutions	
Issue	Potential Solution(s)
Brownfields – fixed up brownfields – many sites are recognized, liabilities to purchasing brownfields – need for money to support, toxic waste sites	<ul style="list-style-type: none"> • Set up a foundation to take over problem sites for redevelopment • Progressive taxation/grants to build on brownfields • Successful gardens on private land (brownfields) – access to city property is insurmountable • Higher cost to develop greenfields • Inventory of brownfields • Info regarding remediation technologies • Give better public information • Horizon Utilities' Brownfield Strategy: cataloguing of brownfield sites (bldgs. Primarily) with electrical information including capacity and existing assets. They are working with education departments to provide information to companies because they can save thousands to millions depending on the company size in construction costs by establishing on an existing brownfield site instead of on greenfield.
Better reuse of existing land, Preservation vs. development. Maple Leaf foods – what happens to old/vacant buildings companies sell off property – no longer their problem?	<ul style="list-style-type: none"> • Reduce tearing down old buildings and building outside city, land reuse is key (stop taking farmland and turning it into developments), use land intelligently, intensification – more thought about how • Intensification within urban boundaries (carefully) – people who support

Appendix A – Meeting Data and Notes

Table 7. Land Use Issues and Potential Solutions	
Issue	Potential Solution(s)
	<ul style="list-style-type: none"> conservation Huge improvement in the community regarding (bad influence), Victory Gardens, land inlet Make properties publicly accessible/gardens/outdoor education classrooms – on the surface = bring environment to people – industry could come in any time after More enforcement – zoning/planning
A lack of active transportation options for travel to school	<ul style="list-style-type: none"> (none provided)
Heritage Sites (maintaining/ keeping/ identifying)	<ul style="list-style-type: none"> Like renovation of old buildings (Lister Block, Burlington is completely different from Hamilton – more architecture/visual)
Schools	<ul style="list-style-type: none"> Schools in older neighbourhoods – being rebuilt. School should be a beacon in the neighbourhoods/improve the neighbourhood – more effort in rebuilding and expanding them into community spaces, school properties should be made bigger and more a community We own schools – citizens should have more say with what happens, 2014 election
Funding issues	<ul style="list-style-type: none"> Apply federally, obtain sponsorship Natural Lands- like eco park – has value. Organizations can't easily access properties (there is money needed) – give breaks for these to assist
Openness/Communication (Adult conversation about real issue not stadium, so many topics the connections are not always made)	<ul style="list-style-type: none"> (none provided)
Fear – how much will it cost?	<ul style="list-style-type: none"> (none provided)
Political will	<ul style="list-style-type: none"> (none provided)

7. Natural Areas/Corridors/Biodiversity

Top three issues:

1. Loss of urban natural areas/open space/parkland – development, invasive species, encroachment, degradation
2. Access to natural areas – removing barriers, balancing uses, promotion
3. Stewardship, education and awareness – historic landscape, valuing natural areas

Appendix A – Meeting Data and Notes

Table 8. Natural Areas/Corridors/Biodiversity Issues and Potential Solutions	
Issue	Potential Solution(s)
Balancing use, accessibility, protection (over use), types of uses and their impacts on biodiversity	<ul style="list-style-type: none"> • Cootes to Escarpment Park System collaborative approach
Security of users	<ul style="list-style-type: none"> • (none provided)
More urban/natural spaces	<ul style="list-style-type: none"> • "Releaf" program – priorities for acquisition and restoration
Restoring natural predator-prey balances (e.g. deer, cormorants)	<ul style="list-style-type: none"> • Stewardship programs that expand biodiversity – predator-prey relationships
May have to manage degraded ecosystems	<ul style="list-style-type: none"> • Cootes Paradise restoration • Red Hill Valley restoration
Access to natural areas – removing barriers like parking costs and providing information on location	<ul style="list-style-type: none"> • Transit – better accessible trails • Better distribution to trail maps and information
Lack of understanding of historic landscape (e.g. creek day lighting) and understanding how things have changed	<ul style="list-style-type: none"> • Official Plan recognition of value of natural areas • Pocket guide Official Plan policies and provincial policy (and what does this mean on the ground/to the understanding of these policies?)
Cultural barriers – communication that natural areas are safe	<ul style="list-style-type: none"> • (none provided)
Lots of hard impermeable surfaces	<ul style="list-style-type: none"> • (none provided)
Residential and commercial development – encroachment into natural areas	<ul style="list-style-type: none"> • Land acquisition strategy from City of Hamilton
Preservation of existing natural areas	<ul style="list-style-type: none"> • (none provided)
Loss of parkland and open space	<ul style="list-style-type: none"> • (none provided)
Invasive species and impacts on biodiversity	<ul style="list-style-type: none"> • (none provided)
Rehabilitation/stewardship of public and private lands (brownfields too)	<ul style="list-style-type: none"> • Residential gardens to complement/support natural heritage systems – naturalizing transmission corridors, city parks
Connectivity between natural areas for people and animals	<ul style="list-style-type: none"> • (none provided)

8. Transportation

Top three issues:

1. Need rapid transit and dedicated transit funding
2. Need complete streets and complete communities that put people first
3. Connectivity and Community – more transit ridership, completed cycling networks, more transit service, focus on Transportation Demand Management and Electric Vehicle infrastructure

Appendix A – Meeting Data and Notes

Table 9. Transportation Issues and Potential Solutions	
Issue	Potential Solution(s)
Congestion in the region	<ul style="list-style-type: none"> • Promotion of Transportation Demand Management at workplaces and businesses including telework (smart commute) • Better transit service in the industrial core • Integrate school bus and public bus systems • Trip planning to smooth out the peak period issues • Use IT technology to improve Transportation Demand Management
Improving transit in the city and in the region	<ul style="list-style-type: none"> • Implement rapid ready strategy • Explore fare free transit • More Presto integration • Attract more ridership with multimodal integration (such as presto card, smart phone apps, new technologies like light rail transit) • Transit signal priority in the whole city • User pay road tolls as a strategy with a viable alternative in place
Consensus between the type of mode (Light Rail Transit vs. bus)	<ul style="list-style-type: none"> • (none provided)
Debate on intra vs. inter urban transit	<ul style="list-style-type: none"> • Build inter and intra city transit • Focus on transit rather than the mode • Aim for permanency (LRT) • Build light rail transit “and they will come”
One-way street network is an issue	<ul style="list-style-type: none"> • Pursue community-driven one way to two way street conversion • Remove one way streets
Need a complete street strategy with active transportation investment; prioritize people first rather than cars	<ul style="list-style-type: none"> • Make this a priority • Connect entire city (full connectivity) • Continue multimodal integration (including bike racks on buses, secure bike storage public bike share system, carshare, Presto integration) • Bike valet service at key city events • Promote complete streets as the key strategy in implementing the Transportation Master Plan • Smart phone-based parking payment solutions • Building community investment through Open Streets Hamilton • Put people first in the transportation

Appendix A – Meeting Data and Notes

Table 9. Transportation Issues and Potential Solutions	
Issue	Potential Solution(s)
	decision making process
Air quality issues associated with automobile use and highway proximity and wide thoroughfares (Main and King Street)	<ul style="list-style-type: none"> • (none provided)
Electric vehicle infrastructure deficit	<ul style="list-style-type: none"> • (none provided)
Need rapid transit and dedicated funding	<ul style="list-style-type: none"> • (none provided)
Create safer bike and pedestrian corridors (there is a lack of sidewalks)	<ul style="list-style-type: none"> • Complete the cycling master plan to continue connecting the network to bike lanes • Remove veto powers over cycling routes • Need more road retrofits like Wilson Street in Ancaster
More focus of the built environment/ more walkable/ cycle-able neighbourhoods and employment areas; improve pedestrian and cycling access	<ul style="list-style-type: none"> • Protect Open Spaces (rather than highway development or roadway expansion) • Protect green spaces • Protect wildlife corridors
“Sloping” sidewalks are dangerous to walk on	<ul style="list-style-type: none"> • No sloped sidewalks
Need for complete neighbourhoods (intensification mixed use development to support higher order transit)	<ul style="list-style-type: none"> • (none provided)
Issues with rural areas and poor transit service in these areas	<ul style="list-style-type: none"> • (none provided)
School sitting issues and issues with board competition and jurisdiction	<ul style="list-style-type: none"> • (none provided)

9. Waste Management

Top three issues:

1. Increase extended producer responsibility (reduce packaging, etc.)
2. Province-wide consistency (diversion programs, end-user markets)
3. More diversion opportunities (at work, at play, at stores)

Table 10. Waste Management Issues and Potential Solutions	
Issue	Potential Solution(s)
Getting to the last 15% of diversion (65%)	<ul style="list-style-type: none"> • Consumer responsibility
Education of all sectors on recycling/diversion opportunities (sector)	<ul style="list-style-type: none"> • Marketing, educating the public
Reduce packaging at the source	<ul style="list-style-type: none"> • Consumer advocacy
Reduce non-recyclable packaging	<ul style="list-style-type: none"> • Consumer advocacy
Increase extended producer responsibility	<ul style="list-style-type: none"> • Government lobbying
Provincial legislation – environmental stewardship	<ul style="list-style-type: none"> • Communication consistency
Invest in technologies/methods that support	<ul style="list-style-type: none"> • Economic development encouraging green

Appendix A – Meeting Data and Notes

Table 10. Waste Management Issues and Potential Solutions	
Issue	Potential Solution(s)
recycling and diversion	industries
Increase life cycles of products	<ul style="list-style-type: none"> Public education, consumer responsibility, longer warranties on products
Technologies for collection – reduce litter	<ul style="list-style-type: none"> Retail availability of blue box lids
Consumer-friendly diversion processes	<ul style="list-style-type: none"> Involve stores in collection Not-for-profit collection Businesses – lead by example
Identify goals/targets – priorities/plans	<ul style="list-style-type: none"> Strategies for reduction

10. Water

Top three issues:

1. Wise water use – true cost of water, rates that reflect use, rain harvesting/ low impact developments, education and awareness, imperviousness fee
2. Sediment/contaminants – construction , environmental steering committee, sewers, education/awareness
3. Promotion of new water technologies – reduce impacts to infrastructure, waste water treatment upgrades, promotion/education

Table 11. Water Issues and Potential Solutions	
Issue	Potential Solution(s)
Hamilton Harbour – still lots to do, water quality	<ul style="list-style-type: none"> Buffers adjacent to shorelines
Construction issues – using water to reduce mud/sediment	<ul style="list-style-type: none"> Program improvement (environmental steering committee on construction sites)
Lack of new water technologies	<ul style="list-style-type: none"> (none provided)
Water quality – clean for ecological health	<ul style="list-style-type: none"> Reduce contaminants and reporting (Combined Sewer Overflows, boating) Stream clean-up, fish habitat, flows, stream rehab
Drinking water – fluoride issue/chemicals	<ul style="list-style-type: none"> Independent research studies in a municipal setting Private well protection and decommission
Recreational water uses – swimming, water quality percentage	<ul style="list-style-type: none"> (none provided)
Litter/contaminants entering sewer system, storm/combined	<ul style="list-style-type: none"> Education program for sewer use (dogs in water, car wash)
Taking water for granted – wise water use (gardening, rain harvesting, true cost of water, education/awareness)	<ul style="list-style-type: none"> Setting water rates that increase as use increases Low impact developments and rain harvesting (increases lifespan of infrastructure)

Appendix A – Meeting Data and Notes

Table 11. Water Issues and Potential Solutions	
Issue	Potential Solution(s)
	<ul style="list-style-type: none"> • Increasing consequences for environmental degradation of water • Centre of Excellence • Work with the UN • Non-profit/city waste water treatment upgrades • Sustainable Hamilton • Business interactions
Knowledge of where water/sewers go	• (none provided)
West Nile with standing water	• (none provided)
Increase of storm water due to climate change	<ul style="list-style-type: none"> • Storm water management in high flows • Imperviousness fee for storm water
Revenue vs. conservation (infrastructure, water/waste water)	• (none provided)

Ideas for Collaboration

Participants were also asked to discuss ideas to foster collaboration moving forward, focusing on the following question:

- What collaboration methods would work well moving forward (e.g., annual Environmental Summit, environmental roundtable, or other) and why?

Below is a summary of the top recurring issues (presented in no particular order), while the table below presents all ideas generated.

- Host an Environmental Summit that allows open communication and planning on environmental efforts
- Broad education on environmental issues and strategies
- Reduce silos (intercity and intergroup) and foster partnerships to allow for true collaboration
- Develop a formal strategy with a planned method for implementation that addresses all stakeholders and develops a vision for the city
- Build off and celebrate past success stories
- Form an Environmental Advisory Committee or Environmental Roundtable

Table 12. Ideas for Collaboration
Table 1's Ideas
<ul style="list-style-type: none"> • Education (all sectors) • Environmental sustainability office (e.g. city) that is multi-stakeholder and addresses areas that fall under multiple responsibilities, coordinate all sectors/strategy with a strong mandate and budget

Appendix A – Meeting Data and Notes

Table 12. Ideas for Collaboration	
	<ul style="list-style-type: none"> • Issue-based collaboration (e.g. subgroup of environmental office on specific issues) • Clearly defined problems and strategies, multi-stakeholder • Yes on Environmental Summit, need to be clear on purpose (check-in, goals) • Need a “thing” for environment – not sure what is best: Summit, Environmental office, Environmental Roundtable
	<p>Table 2's Ideas</p> <ul style="list-style-type: none"> • Need a plan – objectives identified, players identified, develop consensus • Need a common vision - values-based discussion, broad discussion, public consultation • Develop awareness – communications strategy, regular newsletter/website/social media • Develop an action plan – measurable outcomes, targets to achieve, timelines to meet • Quarterly meetings of Environment Summit
	<p>Table 3's Ideas</p> <ul style="list-style-type: none"> • Annual Summit – it is good to meet and discuss • Round table – half day and more frequency (broad cross-section needs to be maintained) • Econet – had this a few years ago but lost funding (workshops, projects, networking, by online and events) • Need action team to support all/any of the above
	<p>Table 4's Ideas</p> <ul style="list-style-type: none"> • Networks • Public sectors, private, education institutions, industry, partnerships • Youth involvement • Identify who is missing from decision-making
	<p>Table 5's Ideas</p> <ul style="list-style-type: none"> • To divest from fossil fuel industry • Hamilton Environmental Advisory Committee • Widespread education of environment (start with kids)
	<p>Table 6's Ideas</p> <ul style="list-style-type: none"> • You need someone – a dedicated coordination effort, third party with city/government • There is a lot of duplication – need for review • 109 groups need to look at ways to work together! Similar work • All after hours programs don't work – things need to be during work hours – not social – unstructured doesn't work • Annual meetings can be used to bring together more partners, but they are not enough
	<p>Table 7's Ideas</p> <ul style="list-style-type: none"> • Environmental scan/ inventory so we can know who is doing what • Continued city support for collaboration to make sure it does not fizzle out • Commit to process and implement plan and policies with revisiting and ongoing debate • Engage NGO and private sector with government to implement • Separate into different environmental areas (issue or outcome-based task forces)
	<p>Table 8's Ideas</p> <ul style="list-style-type: none"> • Periodic Summits • Intercity collaboration • Form on Environmental Roundtable (permanent group)

Appendix A – Meeting Data and Notes

Table 12. Ideas for Collaboration
<ul style="list-style-type: none">• Every year develop metrics, record recommendation and communicate progress and challenges• Report card with key performance indicators similar to Vision 2020• Revitalize vision 2020 with report back on a regular schedule• Engage community based on ecosystem boundaries (Hamilton-Burlington)• Not just an environmental summit but a sustainability summit• Need a collective action model (re: civic action)• Strategic plan and vision 2020 should drive the process : Has to be an integrated approach that resides in all city decision making• Work to remove silos
Table 9's Ideas
<ul style="list-style-type: none">• None provided (tables had merged)
Table 10's Ideas
<ul style="list-style-type: none">• Hamilton Harbour Remedial Action Plan – existing and ongoing• Cootes to Escarpment Parks System – existing• Municipal, CAS, Ontario Ministry of Education, citizens, agricultural, commercial, industrial, malls, Solid Waste Management – ongoing maintenance issues• Improved with business and industry at the same table with regular groups• Small businesses and social/political organizations – green drinks (existing)• Neighbourhood strategy – existing, bring these issues there

HAMILTON ENVIRONMENTAL SUMMIT



Working Together to Improve Hamilton's Environment



ADDENDUM TO APPENDIX A



Addendum to Appendix A – Meeting Data and Notes

This Report was prepared by:

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Addendum to Appendix A – Meeting Data and Notes

Addendum to Appendix A – Meeting Data and Notes

Following the Environmental Summit, the draft Facilitator's Report was distributed to participants for their feedback. Several additions to Appendix A were suggested, which have been included here as an addendum. The additions related to the theme areas of Air Quality, Land Use, and Transportation.

Air Quality

Another solution to the issue of *vehicle emissions* was to:

- Support a target of 30% tree canopy by promoting existing programs such as the Street Tree program. Shade guidelines (such as those in Toronto) could be developed that promote the co-benefits of trees, thus improving air quality.

Land Use

Another solution to the issue of *brownfields* was to:

- Support land use planning (and redevelopment of brownfields) that promotes/supports physical activity. For example, the redevelopment of brownfields (commercial, retail, parkland, institutional or industrial [light industrial]) adds to the mixed use and proximity that will help support physical activity. Brownfields in the North End are near transit and some residential. This redevelopment can help locate residential and employment opportunities closer together.

The City of Hamilton's document: "Hamilton Environmental Remediation and Site Enhancement (ERASE) Community Improvement Plan" was cited as a potential resource.

Transportation

It was noted that the report makes mention of improving connectivity related to cycling but that there was no specific mention of improving connectivity between on-road and off-road cycling and walk infrastructure, or the expansion of existing trails.

Reference was made to a Report, "School Siting And School Site Design for a Healthy Community" (available at http://www.smartcommutehamilton.ca/media/uploads/Files/School_Siting_Report_Aug_2012.pdf) with specific mention to the following recommended next steps:

Addendum to Appendix A – Meeting Data and Notes

Build on momentum of active and sustainable transportation

ACTIONS:

- Stakeholders to come together to endorse a vision of healthy living based upon active and sustainable transportation, and land-use policy and planning principles (e.g., see the Waterloo Region District School Board's Active Transportation Charter — www.wrdsb.ca/planning/active-and-safe-routes-school/active-transportation-charter)

Develop a common understanding of school siting and school site design

ACTIONS:

- Stakeholder groups to gather more often to establish roles, shared goals and targets, and further develop actions (e.g., further engagement of developers)
- Stakeholders to ensure that their internal departments are engaged and understand linkages

Explore existing policies and guidelines, and identify gaps

ACTIONS:

- Review policies that influence school siting and school site design with a health impact lens (e.g., by-laws; Acts; revenue generation and allocation models; liability; planning requirements)
- Increase communication and awareness about the existing supports for active transportation provided by the municipality and school boards
- Explore how/if funds from the provincial ministry level can be allocated differently to support non-motorized modes of school transportation

Build relationships and partnerships towards a shared vision for action

ACTIONS:

- Continue to involve multiple stakeholders including provincial ministries, architects, researchers, school boards, NGOs, municipality; break down silos; and work to normalize the incorporation of active and sustainable transportation into plans, policy, and legislation Formalize involvement in stages of school and community planning where stakeholders can have impact
- Enhance discussions between school boards, municipalities and the Ministry of Education on the topic of school consolidation to include broader health, economic, and environmental impacts (e.g., through Accommodation Review Committee process)

Addendum to Appendix A – Meeting Data and Notes

- Share the lessons from this report with parent associations and further connect with them to explore potential roles in parent education, awareness, and involvement in advocacy

HAMILTON ENVIRONMENTAL SUMMIT



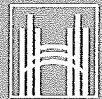
2013

Appendix "B" to
Report CM13002(a)

Working Together to Improve Hamilton's Environment

Hamilton Environmental Summit 2013 Participant Feedback Results

Prepared by
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May 2013



Hamilton

HAMILTON ENVIRONMENTAL SUMMIT



Working Together to Improve Hamilton's Environment

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Hamilton

HAMILTON ENVIRONMENTAL SUMMIT



Working Together to Improve Hamilton's Environment

Summary

Hamilton's first Environmental Summit occurred on April 25, 2013 at the Waterfront Banquet and Conference Centre. Feedback was collected on the day of the event as event participants handed in their completed feedback forms found at the back of their Participant Workbook. Five feedback forms were also submitted electronically throughout the week following the event.

Feedback was predominately positive. Some useful recommendations for improvements were also made. Most people found high levels of value in the day's agenda items with a nearly unanimous opinion that the five minute Ignite-style presentations were the most valuable and enjoyable part of the day. Most recommendations from feedback forms stated that local food should be provided with more gluten free and vegetarian options; more networking time should be provided throughout the day; and the afternoon workshop should have had more specific discussion topics as well as more discussion time.

The Environmental Summit was successful in meeting target objectives and outcomes outlined prior to the event. Local environmental accomplishments were identified and celebrated; current and future environmental challenges and issues for Hamilton were identified with many solutions also being proposed; resources required for these solutions were outlined; and opportunities for collaboration and collective impact between parties were also made apparent. Please see Appendix A for a full list of objectives, outcomes, and the target audience for the Hamilton Environmental Summit 2013.



HAMILTON ENVIRONMENTAL SUMMIT

2013

Working Together to Improve Hamilton's Environment

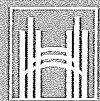
Introduction

This report comprises of the feedback form results from the Hamilton Environmental Summit which occurred on April 25, 2013 at the Hamilton Banquet and Conference Centre in Hamilton, Ontario. Feedback was gathered to help measure the success of the event from various perspectives that can be used for future event planning and consideration.

Feedback assesses this one day event hosted by the City of Hamilton where approximately ninety-five people attended throughout the day. This was the first time an event of this nature was held in Hamilton. The day involved twelve presentations in a variety of lengths regarding different projects and initiatives that organizations have been planning and implementing in Hamilton, as well as an interactive workshop.

Each feedback question will be addressed individually throughout the body of the report and includes the question presented as well as what the response frequencies and/or comments were for that particular question.

In total, forty-nine people responded to the feedback survey but not all people answered all questions. Refer to specific questions for their response rates. All exact responses can be viewed in the appendices at the end of this report in Appendix C.



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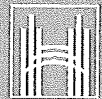
Methodology

All feedback collected for this Environmental Summit was collected through feedback forms made available to all event participants. Each person who attended the event was given a Participant Workbook which contained the day's agenda, workshop questions, note-taking space, and the feedback form addressed in this report.

Participants were asked to fill out the feedback form and return it to the Welcome Table outside the event room or leave it on their banquet table. In the week following the event all attendees were also emailed the feedback form to complete and electronically return to the event coordinator if they did not have a chance to fill out the form during the actual event.

Ten questions were asked on the feedback form including eight multiple-choice type questions and two open-ended questions asking solely for comments. To view the wording of the questions and their layout, please refer to the feedback form in Appendix B.

All research was primary research collected on or shortly after April 25, 2013. This methodology seemed somewhat successful as about half of the attendees filled out feedback forms. Better instructions or emphasis pertaining to the feedback forms throughout the day may have increased the number of respondents. An online survey tool may also have increased response rates if considered easier or more convenient to give feedback than the method used. However, since all feedback was anonymous no patterns can be derived as to who may have responded or not and why this was the case.



Hamilton

HAMILTON ENVIRONMENTAL SUMMIT

2013

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Results

Results are divided up into their respective question number. Each subsection covers the question posed, respondent answers, the sample number of respondents, and any applicable bias.

Question 1

Question 1 began the feedback form by asking respondents to rate the value of each item on the agenda throughout the day. They had the choice of ranking each component to be Not Valuable, Somewhat Valuable, or Very Valuable. Respondents were also asked to rate the level of value for each component based on content only – not presentation skills. Components consisted of the following:

- Morning introductions
- Keynote Speaker Ewa Jackson (ICLEI)
- Local Perspective (Survey Results)
- Maple Leaf Foods Anne Tennier
- Ignite Sessions
- Afternoon Introductions
- Keynote Speaker Mitzie Hunter (CivicAction)
- Workshop Part 1 (discussion)
- Workshop Part 2 (prioritizing the issues)
- Next Steps

Response counts for each component varied but generally stayed within forty to forty-five responses. The response rate for Next Steps can be considered an outlier since only twenty-six people ranked the value of this component – it is likely that many people had to leave prior to this part of the day and therefore were unable to rank its value.

Overall, most people found each component to be Very Valuable with the exception of the afternoon introduction which most people rated as Somewhat Valuable. The most valuable part of the day appeared to be the Ignite sessions with thirty-six and a half votes of Very Valuable.



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Workshop Part 1 (discussion) appeared to be slightly more valuable to event participants than Workshop Part 2 (prioritizing the issues). This is interesting since both levels of thinking are required to move forward.

There was no one that ranked everything as Not Valuable and therefore, all respondents found at least some value in their time spent at the Hamilton Environmental Summit.

Some bias was present within this feedback question; the most prominent bias being that not all respondents attended the entire day's events – some stayed for only the morning or only the afternoon. Also, not all feedback form respondents rated the value of all components of the day. Some individuals left out some value ratings which makes comparison of votes slightly more difficult without all parts having an equal sample number.

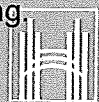
Question 2

Question 2 asked respondents to provide comments to expand on their value ranking provided in Question 1. Twenty-seven of the forty-nine respondents provided comments. For a full list of comments provided please refer to Appendix C.

Some reoccurring themes were visible in the comments. People generally enjoyed the Ignite sessions since they were different than a typical presentation; they kept people's attention but it was noted that they may have been too rushed and that more flexibility could improve the Ignite sessions. These comments will be kept in mind for future events but the Ignite formatting itself is structured to be a five minute presentation with twenty slides which automatically rotate every fifteen seconds. A similar type of presentation structure could be used in the future rather than Ignite sessions in particular.

Comments show that the afternoon workshop and its structure were enjoyable and useful. However, suggestions for improvement included more discussion time per topic and more focused or specific topics.

Question 2 also showed that attendees enjoyed the focus on community and local initiatives and would like to see more of this in the future. It was noted that keynote speakers and other presenters were educational although some speakers ran too long.



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Lastly, multiple comments stated that more networking opportunities should have been present throughout the day. Getting to know people in the room more would have been more beneficial for collaboration opportunities.

Overall, comments were very positive and some great suggestions were made to consider for potential future Environmental Summits as well as other events similar in structure.

Question 3

Question 3 addressed the overall value of the event for guests and the organization that they may have been representing. Once again respondents were able to rate the level of value with choices of Very Valuable, Somewhat Valuable, and Not Valuable.

Of the forty-six respondents, twenty-seven said they found the event to be Very Valuable, nineteen said they found it to be Somewhat Valuable, and no one said they found the day to be Not Valuable.

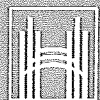
These answers are consistent with results from Question 1 which found the day to be largely Very Valuable on a component basis. However, from a mathematical perspective, there were inconsistencies in that some respondents would rate parts of the day to mostly be Very Valuable but record their overall value as Somewhat Valuable.

Results as seen in Question 3 are positive and help illustrate the success of the event.

Question 4

Question 4 was used to gauge the likelihood of event participants collaborating with another group or individual post-Environmental Summit. Forty-four people answered this question with most (twenty-four people) stating they would Definitely collaborate with others. Seventeen said they were Likely to collaborate, three responded with Not Likely, and no one said they would Definitely Not collaborate.

These results are favourable since a goal of the Environmental Summit was to identify opportunities for collaborative impact. The results for this question show that such



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opportunities were not only identified but that there are high chances of action items being pursued between individuals and/or their associated organizations.

It is logical that people answered they are more likely to collaborate with others than not after attending the Environmental Summit based on the results from Questions 1 and 3 that showed the high level of value experienced throughout the day. If people had not found the day to be valuable they would probably have been less likely to collaborate.

It is important to consider that this question was biased towards receiving positive feedback. The target audience for this event was individuals and organizations already active in Hamilton's environmental community; therefore, many were probably already involved in some degree of collaboration which may have influenced some respondents to be more likely in answering they would Definitely collaborate with others.

Question 5

The purpose of Question 5 was to determine if future Hamilton Environmental Summits should held. Forty-five people said Yes, zero people said no, and one individual added their own category of Undecided. Excluding the one undecided individual there was a unanimous response for the City of Hamilton to organize and execute Environmental Summits in the future.

This shows that respondents found the day to be important and successful enough that it would be worthwhile to continue pursuing such an event.

It is important to consider that these responses also have some bias tendencies to them. Due to the nature of the target audience (the attendees were likely to already have an environmental interest) it is expected that they would want more Hamilton Environment Summits in the future. By showing support in the first Hamilton Environmental Summit the attendees were already more likely to see the importance in holding such an event again compared to those do did not attend.

Question 6

Question 6 gave respondents a chance to give their opinion regarding the amount of time that should be dedicated to potential future Environmental Summits. Response choices were broken up into Half Day, 1 Full Day, 2 Full Days, and > 2 Full Days.

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Most people (thirty-one of forty-two respondents) agreed 1 Full Day should be dedicated to potential future Environmental Summits. Four individuals answered that a Half Day would be sufficient, four said 2 Full Days would be best, and 1 person said > 2 Days should be dedicated. Two people also wrote in their own option stating that the event should be carried out in two half days.

The idea of holding potential future Hamilton Environmental Summits for 1 Full Day as opposed to other lengths was most popular option among respondents. The question does not address how often this type of event should be held but it is assumed in the context that it would be an annual event.

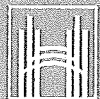
Question 7

Question 7 addressed the choice of venue. It asked respondents if they felt a proper venue was chosen for the Hamilton Environmental Summit and to consider things like location and allotted space. Forty-five people answered this question with forty-three individuals saying Yes, a proper venue was chosen, one saying No, and one individual saying they Don't Know.

A common comment that people wrote on the side of their answer (even though not officially part of the question) insisted that a larger venue may be needed in future years if there is a greater number of event attendees. Although though the chosen venue could be accessed by public transportation, some people commented that a more centrally located venue with many bus options would have been more beneficial. Some venues recommended by event participants included the RBG and Hamilton Conservation Area headquarters. Even though these locations illustrate the beauty of the natural environment they lack other important features such as easy accessibility by alternative transportation methods and are not centrally located in Hamilton.

Question 8

Question 8 asked if respondents believed the Hamilton Transportation and Environmental Summits should be combined into one event. This question allowed the option of Yes, No, or Don't Know. Forty-five people responded in total with the majority of people saying No (nineteen of forty-five). However, there was a close response range



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since fifteen others said Yes the events should be combined and eleven said they Don't Know.

As seen in the data, responses for this question were more evenly spread than other questions in the feedback form.

It was stated that if content from the two events were combined into one event then certain logistics would need to be considered. For example, if the events were combined then more time may need to be dedicated to the event (possibly more than one day). It was suggested that the events not be combined now while transportation is such a big issue for Hamilton but to revisit this idea and potentially combine events later.

Question 9

Question 9 asks if attendees found the timing of the event in regards to Earth Day/Week to be Good Timing, Bad Timing, or Did Not Affect the individual/their group. Earth Day was on Monday, April 22, 2013 – only three days prior to the Hamilton Environmental Summit.

Most people thought holding the event during Earth Week was Good Timing (twenty-nine of forty-six). Very few thought it was Bad Timing (two of forty-six). Many people also answered that they were not affected by the timing of the event in relation to Earth Week (fifteen of forty-six).

When analyzing these results and considering the date of potential future Environmental Summits the unavoidable bias of this question should be taken into account. Those who were able to attend the Environmental Summit would be less likely to consider the event date in relation to Earth Day/Week to be Bad Timing since they were able to fit the event into their schedules. The people who would be mostly likely to rate it as Bad Timing probably could not attend and therefore did not give their input officially on the event feedback form.

Nevertheless, many people still stated they were not affected by the timing.



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Question 10

Question 10 invited event participants to provide suggestions for possible future Hamilton Environmental Summits. Such suggestions could also be considered for other City of Hamilton events. To view all comments refer to Appendix C. Thirty-two people provided comments and suggestions based on the April 25th event. Overall, the response was very positive.

Some common themes arose from the suggestion comments.

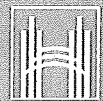
Many people commented on the quality and types of food offered. While some thoroughly enjoyed the food options there were other guests that felt we could have greatly improved in this area. Some suggestions were to have more gluten free and vegetarian options. This was considered prior to the event and some gluten free and vegetarian options were offered at each meal. However, no signs and no announcements were made to inform people of which items fit either of these nutritional categories – this is something to consider for the future. Respondents also suggested local food be used.

In terms of event attendees it was suggested to ensure individuals from all types of groups are involved as well as to provide names of participants to other event participants for networking advantages.

Even though positive feedback was received for the workshop it was recommended that if Hamilton Environmental Summits occur in the future, that more workshop discussion time be allowed. These discussions and their assigned topics should also be less broad and more focused regarding themes.

It was also often commented that the Ignite sessions were effective forms of presentations and should be continued in the future but with the possibility of more flexibility.

Please refer to Appendix C to review all respondent comments.



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Conclusions

A few conclusions can be derived from feedback collected from participants of the Hamilton Environmental Summit which occurred on April 25, 2013 at the Waterfront Banquet and Conference Centre in Hamilton, Ontario.

The Environmental Summit should be considered a success. Feedback was generally positive for all speakers and presentations as well as the workshop. Many respondents made it clear that they enjoyed the day's events, found it educational, and would like to be a part of future Hamilton Environmental Summits.

Attendees valued working with others towards the greater environmental-good of Hamilton. Many are eager to collaborate and improve our city. Participants want to work across sectors and organizations but keep in mind an end focus regarding specific goals. They recognize that collaboration is important in reducing silos but issues must also be tackled in more specific terms rather than a broad perspective. This especially applied to the workshop portion of the agenda.

Lastly, even though the big picture of working with other communities was seen as important, there was a feeling that a local focus must be kept. People want to celebrate all of the great projects and initiatives being pursued in the Hamilton area and focus on these things as a first priority.

Much work was put into and came out of this event. It is clear that there are many passionate individuals committed to making Hamilton a great place to live, work, and play.



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Recommendations

Various recommendations can be generated based on the above results and conclusions.

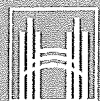
The City of Hamilton should continue to work with stakeholders to host future Environmental Summits. Everyone felt that this was an important event that should be continued in the future. Initially, an annual, one day event would be a good implementation strategy.

At this time, do not combine future Environmental Summits with future Transportation Summits. Even though transportation is a focus area within the environmental discipline the two events should not be combined at this point in time. At the moment, transportation is too important for the City of Hamilton with large projects and plans being decided and implemented from a community and cross-community perspective. Both types of events should strongly consider issues and solutions related to transportation and the natural environment. However, the idea of combining the two events should be reconsidered in the future. Future consideration should also be put into combining thought processes and/or events pertaining to the Economic Summit as well.

Food options throughout the event must have more environmentally-friendly characteristics to them. It became very clear through event participants' comments that food should come from a local source and be organic if possible. A variety of vegetarian and gluten free options should also be available and clearly labelled so that guests can choose their preferred or required option.

Consider alternate venues for future Environmental Summits. Even though the Waterfront Banquet and Conference Centre received positive feedback as the hosting venue, other options should be considered to attempt to fill existing gaps. A list of venues that meet all requirements (transportation, cost, catering, space, location, etc.) should be considered for future Hamilton Environmental Summits.

More networking opportunities should be made available to event participants. This could be done by providing a list of attendees and their title/organization to all event



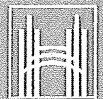
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participants in order to create an easy understanding of who else is present. Time for networking could also be built into the agenda for open networking or structured game-type networking to increase motivation of person-to-person interaction. A more casual event meant solely for networking and mingling separate of the Summit itself could also be considered for the future (such as a networking reception).



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Appendices

Appendix A – Objectives, Outcomes, & Participants

Objectives:

To highlight accomplishments and address issues related to Hamilton's environmental sustainability through collaborative efforts with community partners.

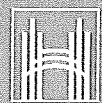
To have speakers and participants discover some of the activities and policies that are improving and protecting Hamilton's environment, examine environmental trends and threats that may impact our local environmental health and take a critical look at areas where action is needed, foster a dialogue on the potential opportunities for collective impact and discuss the steps needed to take collaborative action.

Outcomes:

- Identify local environmental accomplishments
- Identify future environmental challenges that may impact the City of Hamilton
- Identify issues and possible solutions to address these issues
- Identify opportunities for collective impact
- Identify supports/resources required to ensure continued collaboration and community engagement in collectively resolving environmental challenges
- Determine if Hamilton's Environmental Summit should be a reoccurring event

Participants:

This workshop will bring together a diverse group of participants from a variety of fields. Participants who are involved in environmental work to improve sustainability in the City of Hamilton will be encouraged to attend. Representatives from federal and provincial governments, municipal government, academic institutions, industry, business, and local non-governmental organizations as well as interested students and individuals will be invited to participate.



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Appendix B – Feedback Form

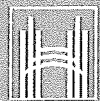
Feedback Form

1. Please rate the following components on their level of value (using an 'x' or '✓'):

Component	Not Valuable	Somewhat Valuable	Very Valuable
Morning Introductions			
Keynote Speaker Ewa Jackson (ICLEI)			
Local Perspective (Survey Results)			
Maple Leaf Foods Anne Tennier			
Ignite Sessions			
Afternoon Introduction			
Keynote Speaker Mitzie Hunter (CivicAction)			
Workshop Part 1 (discussion)			
Workshop Part 2 (prioritizing the issues)			
Next Steps			

Please note: Rate level of value based on presentation content only (not presenter performance)

2. Please provide comments to expand on any of the above ratings:



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3. How valuable did you find today's event for yourself or your organization/group? (please circle one)

Not Valuable Somewhat Valuable Very Valuable

4. After today's presentations, workshop, and networking opportunities, will you work in collaboration with another organization/group/individual to better Hamilton's environmental future? (please circle one)

Definitely Likely Not Likely Definitely Not

5. Do you think Hamilton should hold future Environmental Summits? (please circle one)

Yes No

6. How much time do you think should be dedicated to potential future Hamilton Environmental Summits? (please circle one)

Half Day 1 Full Day 2 Full Days >2 Full Days

7. Do you think a proper venue was chosen for this event when considering location, allotted space for the day's happenings, etc.? (please circle one)

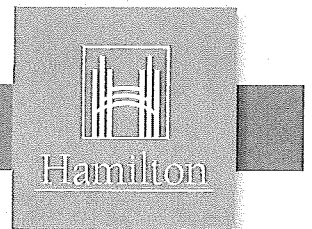
Yes No Don't Know

8. Do you think content from Hamilton Transportation Summits and the Hamilton Environmental Summits should be combined into one event? (please circle one)

Yes No Don't Know

9. The Hamilton Environmental Summit has taken place during Earth Week. How did you feel about the timing of this event in regards to Earth Day/Week? (please circle one)

Good Timing Bad Timing Did not affect me/the group I am representing



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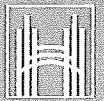


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10. Please provide suggestions for possible future Hamilton Environmental Summits.

Thank you for attending Hamilton's first Environmental Summit!

Your feedback is valuable to us.



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Appendix C - Feedback Form Results & Answer Frequencies

Hamilton Environmental Summit April 25, 2013 Feedback Form Responses Summary of Observations

Number of Attendees	~100
Number of Feedback Forms	44
Physical	
Emailed	5
Total N	49

1	Most people found all components of the Summit to be Very Valuable (only Afternoon Introduction was found mostly to be Somewhat Valuable).
2	Comments
3	Most people found the overall event to be Very Valuable. No one said the day was Not Valuable to them/their organization.
4	Most people said they would definitely work in collaboration with other groups/individuals following the event. Some said likely. No one said they would definitely not.
5	Everyone said future Environmental Summits should be held (except one person who wrote 'undecided').
6	Most people agreed 1 full day would be the best time frame for future Environmental Summits (rather than half days or longer than 1 full day).
7	All but two respondents were happy with the venue.
8	Most people believed that future Transportation and Environmental Summits should not be combined (but this answer was more evenly spread; small range between yes and no).
9	Most people thought having the event around Earth Day/Week was good timing; many were not affected - however, remember bias in these results (only event attendees could fill out feedback rather than those too busy to attend).
10	Comments

Notes*:

Overall Bias

Not everyone attended the full event - some only morning, some only afternoon

Not everyone answered every question in the feedback form - pick and choose (refer to n for total sample responses)

*All Notes (including Observations and Question Bias) are initial thoughts and ideas during the recording of information. Refer to report body for final analysis and conclusions.

QUESTION #1

Please rate the following components on their level of value.

Component	Not Valuable	Somewhat Valuable	Very Valuable	n
Morning Introductions	1	18	21	40
Keynote Speaker Ewa Jackson (ICLEI)	1	16	28	45
Local Perspective (Survey Results)	1	17	27	45
Maple Leaf Foods Anne Tennier	8	18	19	45
Ignite Sessions	1	7.5	36.5	45
Afternoon Introduction	7	21	12	40
Keynote Speaker Mitzie Hunter (CivicAction)	1	18	23	42
Workshop Part 1 (discussion)	3	7	31	41
Workshop Part 2 (prioritizing the issues)	2	10	28	40
Next Steps	1	10	15	26

N = 49

Notes*:

Observations:

People perceived the most valuable parts of the day to be the Ignite Sessions and Workshop Part 1 (but others were close in score)
People perceived the least valuable parts of the day to be Anne Tennier's presentation (although still overall very valuable) and the Afternoon Intro (pretty large 'win' for this)
Most people found everything at least somewhat valuable - nothing was obviously a mistake to include during the day in terms of value offered
Interesting that people found Workshop Part 1 to be more valuable than Workshop Part 2 since both items need to go hand in hand - seems like people want to discuss the problems but not come up with solutions
Based on overall ratings it appears as the day should be considered Very Valuable to most - refer to Question 3 to see if results consistent

Question Bias

Not everyone attended the full event - some only morning, some only afternoon
Not everyone filled in all components (sometimes 1-3 were excluded randomly)

*All Notes (including Observations and Question Bias) are initial thoughts and ideas during the recording of information. Refer to report body for final analysis and conclusions.

QUESTION #2

Please provide comments to expand on any of the above ratings: (pertaining to Q.1)

N = 49

n = 27

Person A	Some very inspirational lines from presentations Ignite sessions interesting - nice change to normal presentations Afternoon intro maybe not THAT valuable compared to the other things during the day but Mayor's presence needed - must show support for Hamilton environmental movement
Person B	Thought it was great - well done
Person C	It is a very good and meaningful event and should keep on going to (A) exchange information among environmental groups; (B) make more connection between industries, municipalities, environmental groups, research groups; and (C) increase public awareness and involvement.
Person D	Next time, include all speakers' names after their speech titles See the point of Workshop Part 1 but too short, too large topics, facilitators for groups not firm enough. Need to focus on fewer topics [re: workshop]
Person E	The discussion activity is not really valuable when you have diverse levels of knowledge/awareness. Some are saying "we need" about programs or activities that have been in place for some time. After talking about silos the issues were reduced to silos for the café discussion.
Person F	More industries and private companies to participate Networking morning session - get to know others in the room
Person G	How about resolver - voted on spot sessions based on the concept of Ignite - presenters should work for rankings/prize - group feedback One way dot travel [during dotmocracy]
Person H	I particularly liked the Ignite 10 minute sessions. Captivating and concrete.
Person I	Found Mitzie Hunter's presentation to be especially valuable compared to rest of the day's agenda
Person J	Really enjoyed the breakout sessions in the afternoon Thank you for a great day
Person K	There were too many presentations. People want the change to collaborate and get to know others in the sustainability field. A few (1-3) strong/inspirational presentations with the majority of the time spent on networking/workshopping would have greatly improved the day.
Person L	Mitzie Hunter's was the best talk of the day Overall a great day and great consent
Person M	Ignite sessions were well done - concise and informative is better than long speeches

*All Notes (including Observations and Question Bias) are initial thoughts and ideas during the recording of information. Refer to report body for final analysis and conclusions.

Person N	Enjoyed the focus on community/local efforts An excellent overview of what is currently happening
Person O	The workshop/charette was an excellent method to identify the core issues that are being faced today Excellent workshop - great facilitators Loved both keynote speakers
Person P	The discussions on the 10 subject areas was especially enjoyable and significant
Person Q	Many times there was not enough time for the sessions Felt the morning was very focused on business perspective (a lot of day seemed to be) or maybe was just the issues ventured(?) around emissions
Person R	Perhaps need to more clearly define what we mean by 'environment' - very varied(?) from emissions, to green space, air quality, energy, etc. Task groups on other topics? Prioritize.
Person S	Most of the ignite speakers were very interesting but I felt they were too rushed and would increase the time allowed in the future
Person T	Don't use paper cups for coffee Print double sided
Person U	Afternoon keynote speaker's message was great but needed to say it in less detail. Tough to sit after lunch.
Person V	Very informative Some talks were too long
Person W	Would rather see more info about local initiatives Afternoon workshops far too short to do anything but have very superficial identification of issues and solutions
Person X	The ignite sessions were interesting and a good way to get lots of ideas across The timing on the slide rotation should be more flexible - example stick with 5 minute timing but speakers can pick the # [of slides] and timing of rotation of slides
Person Y	Obviously a little bias, but I found it was important to have the participants speak to one another and connect on the issues they feel are important. The ignite sessions and the workshops provided the majority of these opportunities.
Person Z	Most of the info provided and presentations were new to me and it was very interesting to see what's happening in Hamilton in terms of environmental concerns and projects. I found the day very educational
Person AA	I did not comment on the workshop as unfortunately I had to leave early A very good networking opportunity in addition to the above criteria

Notes:

Observations:

Common themes in comments: ignite sessions too rushed; other presentations too long; workshop topics helpful but need to be more focused; educational / exciting day; must consider ALL environmental aspects of event (ex. No paper cups)

*All Notes (including Observations and Question Bias) are initial thoughts and ideas during the recording of information. Refer to report body for final analysis and conclusions.

QUESTION #3

How valuable did you find today's event for yourself or your organization/group?

	Frequency
Not Valuable	0
Somewhat Valuable	19
Very Valuable	27

N = 49
n=46

Notes*:

Observations

The fact that most people found the day to be Very Valuable is consistent from the ranking results from Question 1.
No participants found the day to be not valuable - everyone found at least some value throughout the day

Question Bias

People would rank (for example) Somewhat Valuable overall but have more Very Valuable in their ranking chart - does not make sense from mathematical perspective

*All Notes (including Observations and Question Bias) are initial thoughts and ideas during the recording of information. Refer to report body for final analysis and conclusions.

QUESTION #4

After today's presentations, workshop, and networking opportunities, will you work in collaboration with another organization/group/individual to better Hamilton's environmental future?

	Frequency
Definitely	24
Likely	17
Not Likely	3
Definitely Not	0

N = 49

n = 44

Notes*:

Observations

Most people believe they will definitely partake in collaboration post-event. Many others are likely to do so.
No participants believed the event hindered their likelihood to collaborate since no one answered Definitely Not - they are still open to the possibility.
It makes sense that people would find the day valuable and then Definitely or Likely go on to collaborate after the event. If the day was Not Valuable they would be more likely to avoid collaboration or at least not partake in it.
An objective of the event was to inspire collaboration so these results show that the objective may have been met.

Question Bias

Some already collaborating with others (question meant to ask if new or extended collaboration would take place but not everyone may have perceived it in this way); bias to receive positive response
Comment: "already was - no change after today" (answered: likely)
Comment: "already do them" (answered: definitely)

*All Notes (including Observations and Question Bias) are initial thoughts and ideas during the recording of information. Refer to report body for final analysis and conclusions.

QUESTION #5
Do you think Hamilton should hold future Environmental Summits?

	Frequency
Yes	45
No	0

Undecided* 1

*This was not an option on the sheet. Person wrote it in themselves.

N = 49

n = 46

Notes*:

Observations

Since everyone (except the one undecided person) said future Environmental Summits should be held it shows participants found the day to be important and successful enough that it would be worthwhile to continuing pursuing.
 It also shows community support.

Question Bias

Since almost all attendees had an environmental interest it is expected that they would want more Environmental Summits in the future. If they did not think the environment was important they would likely not attend and also not want further Environmental Summits.

Comment: "if focus on local initiatives and opportunities to collaborate" (answered: yes)

Comment: "undecided" (answer: neither yes or no)

*All Notes (including Observations and Question Bias) are initial thoughts and ideas during the recording of information. Refer to report body for final analysis and conclusions.

QUESTION

#6

How much time do you think should be dedicated to potential future Hamilton Environmental Summits?

	Frequency
Half Day	4
1 Full Day	31
2 Fulls Days	4
>2 Full Days	1

2 Half Days* 2

*This was not an option on the sheet. Participants wrote it in themselves.

N = 49

n = 42

Notes*:

Observations

Most people (by a landslide) believe that 1 Full Day is enough time to cover important environmental topics for Hamilton.

Question

Bias

This question does not address how often this type of event should be held. It is assumed in the context that it would be annual.

Comment: "this depends on the agenda" (answered: 1 full day)

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QUESTION #7

Do you think a proper venue was chosen for this event when considering location, allotted space for the day's happenings, etc.?

	Frequency
Yes	43
No	1
Don't Know	1

N = 49
n = 45

Notes*:

Observations

The person who answered "no" also later on had *many* comments regarding all the terrible things about the venue. They were very passionate in their answers.

Question Bias

N/A

Comment: "or bigger" (answered: yes)

Comment: "but if more participants and longer meeting time happen in the future, a larger place might be better" (answered: yes)

Comment: "although transit is less attractive than downtown" (answered: yes)

Comment: "but you may need a larger facility" (answered: yes)

Comment: "but need larger next year" (answered: yes)

Comment: "local food would be good for lunch" (answered: yes)

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QUESTION #8

Do you think content from Hamilton Transportation Summits and Hamilton Environmental Summits should be combined into one event?

	Frequency
Yes	15
No	19
Don't Know	11

N = 49

n = 45

Notes*:

Observations

Close frequencies for Yes and No. Even somewhat close frequency for Don't Know.
 Responses for this question were more evenly spread out than other questions in the feedback form.
 Most people said the Transportation and Environmental Summits should not be combined in the future.

Question Bias

N/A

Comment: "if occurs will be a ... transportation? ... and other issues won't be ... faced?" (answered: don't know) -- basically thinks if combined then transportation will dominate other issues
 Comment: "not while transportation needs to attention it does right now" (answered: no)
 Comment: "might need to be longer event or every other year combo" (answered: yes)

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QUESTION #9

The Hamilton Environmental Summit has taken place during Earth Week. How did you feel about the timing of this event in regards to Earth Day/Week?

	Frequency
Good Timing	29
Bad Timing	2
Did not affect me/the group I am representing	15

N = 49
n = 46

Notes*:

Observations

Most people thought holding the event during Earth Week was good timing. Very few thought it was bad timing.

Many people were not affected by the timing regarding Earth Week.

Question Bias

Those who attended obviously would not have as much of a problem with the event occurring during Earth Day/Week since they were able to fit it into their schedules. The people who might be most likely to rate it as "bad timing" probably couldn't come and therefore could not fill out the feedback form.

Comment: "busy time of year for environmental groups" (answered: bad timing)

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QUESTION #10

Please provide suggestions for possible future Hamilton Environmental Summits.

N = 49

n = 32

	I liked the venue chosen as it provided a nice view of Hamilton's lovely environmental features.
	I would suggest to continue showcasing things like this in future events.
	I like that the event emissions were offset by Carbonzero - great idea.
Person A	I also loved the ignite presentations. It was truly inspiring to see what other agencies/organizations are doing. I would suggest keeping those as a part of any future summit. They were my favourite part of the day! Perhaps for next year, the food could be provided by someone local (local farmer/caterer who uses locally produced food) to keep within the idea and focus of Hamilton's environment.
Person B	I think that a 2 day summit with more active time for collaboration and a larger audience would benefit the summit. I think there should be a little more clarity as to what the purpose of each speaker is so that they 'build' towards something. I think the focus at times was too much on the promotion of certain organizations and less on the ways that the community can be mobilized or we can use each other's strengths. The organization [of the day] was excellent and I thoroughly enjoyed my time there!
Person C	I think it is better to provide the name of all participants with their profession in a list so everyone can find out who is attending for future networking because this event there was not a lot of chance to meet most of the people, and there were some others that I wanted to contact them but I didn't find a chance to talk to them.
Person D	Keeping a big cross section of the community is important. Keeping a long lunch is important.
Person E	Talk about getting actual projects going, not just big picture ideas - make more practical
Person F	Focus on telling each other what we're doing, identifying specific opportunities to collaborate More environmental Hamilton companies who can talk about what they are doing
Person G	Need more time for the group discussions! The short ignite presentations are a great format! Keep the keynotes a little shorter!
Person F	Catering - gluten free options would be great at meal/snack times
Person H	More NGO participation
Person I	Need to expand the network. ID the groups and organizations that were missing and are critical to collaboration and invite for next time.
Person J	Look for other collaborative opportunities/information sharing like web-based or virtual meetings.
Person K	Future location could be HCA headquarters in Ancaster or RBG. No paper cups! Need china mugs!

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Person L	Didn't need a 1 hour lunch - too long when can't go anywhere. Would rather have short lunch and finish half hour earlier. Excellent job! Really enjoyed it
Person M	Food disappointed me. Veg option should not be egg.
Person N	More community presence in presentations
Person O	Make it easier to register officially for the event. I didn't get to sign up officially. Please send your results/draft to florakockis@gmail.com
Person P	More connection to culture (added this was there a bit but could be strengthened) - cultural / natural heritage
Person Q	Don't focus on _____ (?) - should be sustainability (Note: basically saying to focus on sustainability more)
Person R	Need vegetarian/other dietary options No paper coffee cups
Person S	Needs to be more focused on specific themes / problems / issues. Too many issues covered makes the overall event content diluted. Even half day focuses over 2 days could 4 main issues in depth.
Person T	More action/implementation workshops where people have the chance to commit real action is needed. People want to know what needs to be done, when, and who is going to do it. The end part where the facilitators presented the table themes could have been better if people we allowed to read the sheets on their own with the facilitator near to be ready to answer questions. I liked the participant workbook. It would have been better if I was given the chance to use it. Breaking tables into themes of interest was a good idea but the facilitation could have been more directed and creative-sticky notes? Lunch did not have vegan or gluten free options
Person U	Event ran a bit too long - half day would have been sufficient Really enjoyed the ignite sessions
Person V	Food: there was no juices at the breakfast - what about fruit? As a celiac (no gluten) bagels and coffee doesn't provide any food which is edible. I am glad I brought food for myself and the other celiacs in the room. Location: How about RBG, conservation authority, etc. Affordable: no more than \$50 fee - allows better group from all sectors to attend Nice event - I will be back next year! "Negative" Payback - encourage people to stay. There needs to be a program in place to encourage people to stay the whole day - get a refund or prize to stay through the workshop Goodie bag: Have goodie bag and T shirt to promote the event for next year
Person W	It is a good conference but the issue is that how to implement the solutions to different problems? I have a suggestion: It is better to give us the form which inside in, we can find the names, education, and profession of participants so we can find the right people and easily save time to find the people whose profession is close to us.
Person X	I would prefer to hear more 'ignite' type sessions from people who have positively innovative stories. We need to hear more examples of things that are working here and elsewhere.

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Person Y	The harbour came up by speakers frequently but there was no speaker whose focus was water/Hamilton Harbour. As it was your 3rd future issue seemed like an odd omission. Ask BARC. Note from comments: wrote my comment before the pro COH sewer guy talked Your guest and keynote speakers were top notch. Going to be hard to keep that up moving forward. Hamilton definitely needs a large scale summit/conference like this to group all aspects happening in Hamilton together. Not only all environmental groups but the industries here, the politics, the research institutions, the agricultural aspect (how to promote local eating), the normal residents (backyard garden, recycle, energy awareness, recreation options) ... pick a theme each year and invite more people to get involved. Great idea of projects board. Lower the paper quality of this booklet. [participant workbook] Good lunch
Person AA	As per Q. 8, if the 2 conferences [Transportation and ENV summit] are to be combined, the time should be increased to 2 days
Person AB	Thank you - excellent summit!
Person AC	Perhaps choose themes to focus the workshop portion Collect CZC info from greater number of people
Person AD	Good news! Need more action on air quality. Industrial air pollution. Good day. Thank you. The location was awful, the summit should be held at a local non-profit, but more ideal location where good environmental work is being done. Some suggestions: Children's land located on the six nations reserve, University, College, Gage Park, a conservation site, RBG, Environment Hamilton, Green Venture, The Discovery Centre (perhaps a new addition location to highlight Hamilton), Parkview High School or other environmentally active schools, North Hamilton Community Health Centre, Neighbourhood to Neighbourhood, HARRRRP
Person AE	Just a few other things that were a major disappointment which should be changed for future years: dishes, why, especially because we are in a banquet hall, and using throw away paper cups and napkins ... at an Environmental Summit, that was terrible we should have used cups and saucers and cloth napkins. The food, ah terrible, here we are at an Environmental Summit talking about local this and local that, and were served processed meat wraps and canned soup ... we can do better, I know we can. When we plan food, let's source locally, and prepare whole foods that are suitable and nutritious! It would be better if the laptop was situated at the podium so presenters notes could be viewed or if a TV monitor was available to view presenter notes separate from the laptop for the Ignite sessions in particular.
Person AF	

Notes:

Observations

Common themes in comments: provide names of participants to all other participants; improve lunch re: local food and gluten free/vegetarian options; need more focus for themes and workshop; ignite sessions effective; get everyone from all groups involved; keep local focus but learn from other areas; more time for workshop discussions and more time for networking
Somewhat strange that no one commented on having booths for next time when so many people requested them for this time.

Question Bias

Those who stayed for the afternoon workshop may be potentially bias towards seeing it as very valuable rather than not valuable since people tend to leave in the afternoon/after lunch so the people that did stay were likely more invested in this type of activity.

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HAMILTON ENVIRONMENTAL SUMMIT

2013

Working Together to Improve Hamilton's Environment

Event Participants – List of Attendee Organizations

Company / Organization	
ArcelorMittal Dofasco	ICLEI
Carr Marketing Group	Independent Consultant
City of Hamilton	Iroquoia Bruce Trail Club / Bruce Trail Conservancy
CityHousing Hamilton	Jervis B Webb
Clean Air and Healthy Lifestyles for Kids	Lura Consulting
Columbian Chemicals/Birla Carbon	Mac Green for Grasslands
Community CarShare	Maple Leaf Foods
Conservation Halton	McMaster University
Dundas in Transition	Mohawk College
Environment Hamilton	Moving Perspective
Friends of Ancaster Creek	Ontario Ministry of the Environment
Golden Horseshoe Green Tech	Open Streets Hamilton
Greater Toronto CivicAction Alliance	Pinchin Environmental Ltd
Green Venture	Royal Botanical Gardens
Greening Marketing	Silver Branch Horticultural
Growing Green Hamilton	St. Lawrence Catholic Elementary School
Hamilton Conservation Authority	Stewards of Cootes Watershed
Hamilton Industrial Environmental Association	Sun Country Highway Ltd
Hamilton Naturalists' Club	Sustainability Professionals Network
Hamilton Port Authority	Sustainable Hamilton
Hamilton Sustainable Victory Gardens Inc.	Town of Oakville
Hamilton-Wentworth Catholic District School Board	U. S. Steel Canada
Horizon Utilities Corp	University of Waterloo



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