



Minutes

Coordination Committee

Monday, August 13, 2018, 3:00 – 5:00 pm
Main St W, City Hall, Rm 192/193

Present:

Bruce Newbold (Chair)
Denis Corr, Corr Research Inc.
Trevor Imhoff Healthy and Safe Communities, City of Hamilton
Lynda Lukasik, Environment Hamilton
Abe Hafid, McMaster University
Robert Clackett, Planning and Economic Development, City of Hamilton
Peter Chernets, Citizen
Gloria Ko, McMaster University
Shelley Rogers, Healthy and Safe Communities, City of Hamilton
Karen Logan, HIEA
Brian Jantzi, Citizen
Altaf Arain, McMaster Centre for Climate Change, McMaster University
Fran Scott, McMaster Institute for Healthier Environments, McMaster University
Ed Cocchiarella – HIEA
Japteg Singh, McMaster University
Susan Chapman, Ontario Lung Association
Guneet Saini, McMaster University
Heather Donison, Green Venture
Charles Hostovsky, Citizen

Regrets:

Juby Lee, Environment Hamilton
Matt Adams, Associate Professor, Ryerson University
Dylan Ward, Smart Commute -TDM, City of Hamilton
Natalie Stacy, Ministry of the Environment and Climate Change
Sally Radisic, Public Health, City of Hamilton
Peter Topalovic, Smart Commute -TDM, City of Hamilton
Jay Carter - Evergreen
Tiffany Singh, Planning and Economic Development, City of Hamilton
Umme Akhtar, Health Canada
Jonathan Bastien, Hamilton Conservation Authority
Peter Topalovic, Smart Commute -TDM, City of Hamilton
Myles Sergeant, Trees for Hamilton

Anna Krol, Health Canada
Christine Borselli, Citizen
Adriano Mena, Citizen
Ted Mitchell, Citizen
Barry Duffey, Ministry of the Environment and Climate Change
Joshua Parkinson, Student, Mohawk College
Michelle Cassar, Health Canada
Patrick Quealey, Environment and Climate Change Canada
Lorraine Vanderzwelt– Mohawk College
Shivani Vigneswaran, Environment and Climate Change Canada
Joel Konik, Hamilton Conservation Authority
Alexandra Graham, Citizen
Andrea McDowell, Public Health, City of Hamilton
Matt Lawson, Public Health, City of Hamilton
Christine Newbold, Planning, City of Hamilton
Katie Chan, Stelco Canada
Sean Angel, Environment Hamilton
George McKibbon, McKibbon Wakefield Inc./University of Guelph
James Kaspersetz, Niagara Peninsula Conservation Authority
Andrew Sebestyen, Stelco Canada
Dan Dobrin, Ministry of the Environment and Climate Change
Michael Gemmell, Green Venture
John Lundrigan, ArcelorMittal Dofasco
Elise Desjardins, Friendly Streets Hamilton
Ken Smith, Citizen
Kate Whalen, McMaster University
Abbie Little, McMaster University

1. Introductions & Welcome

Welcome Shelley Rogers as new Clean Air Hamilton Coordinator. Thank you to Trevor Imhoff for all of his hard work.

2. Approval of June 11, 2018 Minutes

Approved

Presentations:

3. McMaster Centre for Climate Change (MCCC) – Project Presentation – (40 minutes)



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<http://climate.mcmaster.ca>

Overview of activities at MCCC

- The MCCC promotes education and research with a focus on climate systems and climate change impacts
- Areas of research include water, ecosystem impacts, health and modelling
- Members consist of an Advisory Board, Faculty, Doctorial, Masters and Undergrad Students
- Over \$8 million in Research Grants
- 150 Peer-Reviewed Papers
- High school outreach
- Climate student chapter
- Learn Climate Change Initiative
- iClimate – Video Competition
- Participation in events
- Student Field Trips
- Media Engagements and News Items
- Collaborations with Cities (Hamilton and Burlington)
- Conservation Authorities
- Public Lectures and Academic Seminars
- Community outreach

Overview of Turkey Point Observatory Project

- Goal is to investigate the effects of climate change on restored forest lands using a holistic approach to the effects of climate change and future projections
- Project received seed research grant programs
- Research includes: Urban drainage design, species at risk, fish habitat, climate change and disability planning
- Project used a five station weather network
- Reviewed graphs with temperature and wind speed information (see attachment)
- Reviewed different ages of forests, various studies, show drought impact, carbon uptake of forest area, when heat and drought increase, carbon uptake is low (see attachment)
- Mid aged forests have maximum carbon uptake, around 40 year old

Questions/Discussions:

- Denis C.- What is the average age of forests in Ontario?
- Altaf A. - Our average forests are at 60 years.

- Denis C.- What are the effects of forest fires on older forests? What is Phenology?
- Altaf A.- Forest fires put the carbon from the trees into the air, instead of the ground. Increased temperatures due to climate change mean that Spring is 2-3 weeks earlier, leaves come earlier, absorbing carbon earlier, but we won't have trees absorbing as much in the Fall. Phenology is this temporal change in carbon uptake. The cameras take 4 or 5 pictures a day, go to Oakridge lab in the US for analysis.
- The project uses information collected, to predict future climate.
- 'Future Hydrologic Models will include this in the future, looking at whole system, not just one aspect
- Project links carbon and water cycles.
- Characterizes of Extreme Climate Events and looked at how extreme weather is classified by area (96 grids in Southern Ontario)
- Found warm temperatures in February increases moisture in the air, found that high-pressure impacts areas
- They have an air pollution monitoring system at Turkey Point. Part of ECCC's GHG Observational Program

Questions/Discussions:

- Denis C.- Do you anticipate another summer like his one?
- Altaf A.- Yes, the trend analysis looks like it will. This is becoming the norm. Past 100 year records are no longer relevant, only the past 5 or 6 years are relevant.
- Denis C.- Do you think the concern among the public is growing to the point where better action will be taken?
- Altaf A.- Hurricane Sandy and Hurricane Katrina changed things. It will be clear to people in the future when there start to be large financial costs.
- Trevor I.- What's the feasibility of Turkey Point observation; would it be possible to add PM_{2.5} or NO₂ to their research?
- Altaf A.- Yes, this is possible depending on investment and interest.
- Ed C.- There have been trends of most pollution coming down other than ozone, because of higher temperatures. Does it look likely that future ozone will be high judging by the research?
- Altaf A.- Yes, it does look like this will happen. Ozone will increase and impact humans and ecosystems.

Updates:

4. Clean Air Hamilton Progress Report 2017 Update – Shelley Rogers (10 minutes)

- Presented working version of report and gave a general overview
- Requests that new member photo be taken at next meeting
- Requests Good News stories for the report

Questions/Discussions:

- Fran S.- Suggests calling the MECP the MOECC as that was the name in 2017

5. MECP - 2017 Air Quality Trends Update (10 minutes) Tentative

- Tabled to another meeting

6. Air Quality Task Force – Trevor Imhoff (10 minutes)

- Previous meeting we discussed results of Hamilton Airshed and proposal from Golder regarding sub-regional analysis
- Group decided to meet again in the Fall
- Recommended the task force meet again after the Hamilton Air Summit on September 14th as there will be good dialogue and recommended actions moving forward the task force can tackle.

7. Hamilton Air Summit Discussion – Trevor Imhoff (15 minutes)

- Invitations to all expert panelists have been sent out
- Confirmed all panelists except still waiting to hear back from the MECP
- Asking if CAH has any discussion topics they would like at the Summit

Questions/Discussions:

- Karen L.- Will there be a registration on EventBrite?
- Trevor I.- There will be a registration link on the City of Hamilton Website

ACTION- Trevor I will distribute link to registration to the group once created

- Karen L.- How will the Summit be advertised?
- Trevor I.- Twitter, the City's Communications Department, media outlets
- Brian J.- Does the summit share information and engage attendees?
- Trevor I.- The summit will do both. Would like to cover that Hamilton is in Air Zone 3 and what that means, regulations and concerns

- Ed C.- The meaning of Air zone 3 should be addressed at the summit
- Trevor I.- in the process of making a pdf with a background of what Air Zone 3 means to be posted on the City of Hamilton website
- Brian J.- Suggests clarifying difference between AQHI, Smog Alerts and what that means to citizen's health
- Denis C.- Suggests looking at the big picture, being clear and addressing effects on different areas of the city and risk associated with poor air quality, ex. Breast Cancer and Diabetes
- Ed C.- Need to make sure that there is solid science backing risks that are spoken of at the summit
- Lynda L.- Agrees with communicating risk, and using the Airshed model to communicate risk
- Trevor I.- Will look into this with Dr. Sally Radisic. Public Health Ontario is redoing a report on the burden of illness. This report is expected to be complete by the end of 2018, but will not be complete in time for the summit.

ACTION: Trevor I to discuss air quality risks and burden of illness with Dr. Sally Radisic.

- Denis C.- suggests someone from Public Health Ontario be invited to be on a panel at the summit
- Trevor I.- will look into inviting someone from Public Health Ontario to speak about the burden of illness

ACTION- Trevor I. to reach out to Public Health Ontario to request a representative for a panel at the summit

- Denis C.- there are a number of City of Hamilton heavy diesel vehicles on the road. Request to speak to someone from Fleet about this and the greening of the City's fleet, would like to know more about non-transit vehicles.
- Lynda L.- Agrees with Denis, she has reported diesel buses in the past that appeared to require maintenance, problem was rectified
- Denis C.- comments on City of Hamilton employees using two-stroke engines and suggests that these should be changed to electric
- Trevor I. - Council member proposed motion on green procurement by-law. Unsure of status and if motion was approved.

ACTION- Trevor I. and Shelley R. to look into Green Fleet Policies

- Ed Co.- Suggests using TAF funding to purchase electric vehicles. Mining industry has switched to electric motors

ACTION- Trevor I. to send draft Air Summit outline to distribute, hoping MECP get back soon

8. Member Updates

Trevor I. – Healthy and Safe Communities, City of Hamilton

- The Bay Area Climate Change Office (BACCO) is moving forward and looking to send invitations to form a council. First meeting will be early October. We've retained Sustainable Solutions Group to do inventory. The council will review inventory the inventory to determine actions. BACCO will want to have someone from CAH, Trevor suggests Bruce.
- Bruce Newbold accepts.

Susan C. – The Lung Association

- The Lung Association is conducting a survey on radon in workplaces in Ontario. They are offering complementary radon testing. Radon is the leading cause of lung cancer in non-smokers. Hamilton is not in the survey; however other neighbouring cities are, included in PDF's below. Requests recommendations from CAH members from entities outside of Hamilton who are interested. They will put the testers in the businesses and collect them. They have an upcoming indoor stair climb to raise funding in November. The Lung Association must raise half a million dollars each year and Susan C. asks members to forward any potential sponsors to her.



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Document

Denis C. - Corr Research Inc.

- At Rotek they are hiring an air quality technician, closing August 23, asks group to encourage any interested parties to apply.
- Ruetgers has a new air monitoring initiative in process.
- Recommends that members apply TAF to apply for grants for their organizations.

Ed C – HIEA

- HAMN 2017 data is now public and available on their website.

Charles H. – Citizen

- Receiving funding to look at hurricane impacts and climate change.
- Requests discussion on idling by-laws. Hamilton has a 3 minute idling limit. Fast food industry has idling, why isn't the City enforcing the rule in drive-through?

Questions/Discussions:

- Trevor I. – Healthy and Safe Communities sends out signs. Tim Hortons hired a third party consultant to review drive-through; it was in favour of drive through over parking and restarting one's vehicle. The study showed that there are more emissions from stopping and restarting a vehicle than idling in a drive-through line.
- Charles H.- thinks that there should be planning rules surrounding drive through
- Bruce N.- planning is looking at it as a transportation issue.
- Heather D.- wants to know number of tickets issued
- Trevor I.- believes that there have been no tickets issued
- Heather D.- suggests that we do a chart of this
- Trevor I.– Suggests looking into updating it.
- Charles H.- Hamilton states that the by-law applies to public and private property
- Bruce N.- Suggests covering it at the Summit

Heather D. – Green Venture

- Heather D. is acting as interim Executive director of Green Venture (Michael Gemmel no longer ED)

Lynda L – Environment Hamilton

- Environment Hamilton received TAF funding for two projects. One of the projects involved increasing support for greater investment in public transit. Environment Hamilton worked with a variety of groups within Hamilton, including Hamilton Social Planning & Research Council, McMaster Students and the Transit Union. The second project involves the creation of a group called the Hamilton Transit Riders Union.

Karen L. – HIEA

- Ed Cocchiarella is now HIEA's GM. Karen will be absent from the next CAH meeting and Air Quality Summit.

ACTION ITEMS:

- **ACTION-** Trevor I. will distribute link to registration to the group once created
- **ACTION-** Trevor I. to reach out to Public Health Ontario to request a representative for a panel at the summit
- **ACTION:** Trevor I to discuss air quality risks and burden of illness with Dr. Sally Radisic.
- **ACTION–** Trevor I. and Shelley R. to look into Green Fleet Policies
- **ACTION-** Trevor I. to send draft Air Summit outline to distribute, hoping MECP get back soon

Next meeting

September 10, 2018

3:00-5:00pm

City Hall Room 192/193