



Minutes

Coordination Committee

Monday, September 11, 2023, 3:00 – 5:00 pm

City Hall Room 192/193 and Cisco Webex

Present

Dr. Bruce Newbold (Chair), McMaster University
Abigail Amponsah, Ministry of Environment, Conservation and Parks
Alison Carlyle, Planning and Economic Development, City of Hamilton
Barry Duffey, Citizen
Beatrice Ekoko, Planning and Economic Development, City of Hamilton
Dr. Charles Hostovsky, Citizen
Dr. Denis Corr, Corr Environmental Inc.
Fran Scott, McMaster University
Gas Gebara, ArcelorMittal Dofasco
George McKibbon, McKibbon & Wakefield Inc.
Ian Borsuk, Environment Hamilton
Julie Wedzinga, Stelco
Kerry Leclair, Ward 3 Councillor Nann's Office, City of Hamilton
Mackenzie Whitten, Green Venture
Matthew Lawson, Healthy and Safe Communities, City of Hamilton
Nancy Hurst, Ward 12 Councillor Cassar's Office, City of Hamilton
Natalie Stacey, Ministry of Environment, Conservation and Parks
Nico Strabec, Mohawk College, Centre for Climate Change Management
Phoebe Tung, Health Canada
Sally Radisic, Healthy and Safe Communities, City of Hamilton
Sara Yonson, Hamilton Oshawa Port Authority
Shelley Rogers, Healthy and Safe Communities, City of Hamilton
Timothy Hung, Ministry of Environment, Conservation and Parks
Trevor Imhoff, Planning and Economic Development, City of Hamilton
Scott Weichenthal, McGill University
Blake Laufer, McGill University

1. Introductions & Welcome

2. Land Acknowledgement

The City of Hamilton is situated upon the traditional territories of the Erie, Neutral, Huron-Wendat, Haudenosaunee and Mississaugas. This land is covered by the Dish With One Spoon Wampum Belt Covenant, which was an agreement between the Haudenosaunee and Anishinaabek to share and care for the resources around the Great Lakes. We further acknowledge that this land is covered by the Between the Lakes Purchase, 1792, between the Crown and the Mississaugas of the Credit First Nation.

Today, the City of Hamilton is home to many Indigenous people from across Turtle Island (North America) and we recognize that we must do more to learn about the rich history of this land so that we can better understand our roles as residents, neighbours, partners and caretakers ([source](#)).

3. Approval of June 12, 2023 Minutes

Approved

Presentations:

4. Expansion of new particulate-detecting environmental sensors in Hamilton (20 minutes) Dr. Scott Weichenthal & Blake Laufer



City of Hamilton
Presentation Sep 11

Looking for sites to test technology

Questions/Discussion

- Emissions of ultrafine particles can originate from Industrial sources.
- Communities would be different temporally and spatially, would it need to be recalibrated for each city and as time goes by? Modeling will need to be updated as electrification occurs recalibrating would happen over time. There isn't a lot of additional training data for similar locations (example: Montreal and Hamilton). Algorithm will need to continuously be updated as electrification of fleet occurs.
- The model will only work as well as the link be sources and images. Important to keep the algorithm current.
- Census data was used.
- Ultrafine particles are not regulated pollutants, WHO has come out with targets.
- This has high resolution data that can be used.
- Question from Trevor
- Hamilton has data that could be provided if required for modeling.
- Traffic data would be collected at all times everywhere.
- Sensors taking pictures and audio levels every few minutes every day, shows trending.

- As data is collected, they use low resolution to make the photo unable to see faces etc. audio, wave file not maintained. Use spectrograms.
- Coverage required/time period would work with City to see what we wanted to address, if you only want to sample a few intersections, a smaller number of monitors would be used.
- Cost per sensor: range of \$6000 per sensor plus a small data fee, would depend on number of sensors required.
- Only takes things you can already see in the photo.
- Model picks up items in the environment that contribute to air and noise.
- Size of training database has 400,000 samples, won't fit on their hard drive because it's too big.
- Application of the tool for environmental justice was mentioned, could the pictures identify vulnerabilities, can they produce environmental justice factors? This hasn't happened yet. Cities could use this to identify existing discrepancies.
- The final model used includes weather data, temperature, windspeed. They may use wildfire alert or air quality alert.
- Next Steps: Slides will be sent to Shelley. Imagine is interested in having a few monitors set up in Hamilton and to find a Student to collect data, would be important to get feedback from the people using the information.

Discussion Items:

5. Update from Code of Conduct / Terms of Reference Working Group (30 minutes), Barry Duffey

- Committee spent time reviewing the Code of Conduct.
- Met twice over the summer to work on the Terms of Reference.
- Added appendix for Code of Conduct.
- Strengthened the role of the chair to play more of an "umpire role".
- Put in a Code of Conduct, rules around delegations, house keeping.
- Used other similar documents and did some online research, many large organizations have similar rules.
- Not complete, please treat it as a proposal.
- Proposing each member to sign off annually on the Code of Conduct.
- Delegates will have 10 minutes and cannot be interrupted, CAH can ask clarifying questions, to get an understanding of what the person is saying.
- We don't want to isolate ourselves for what is going on in the community and we don't want to argue.
- Requirements of requesting the authority of the chair, Chair would be able to eject if someone will not follow the Code of Conduct if needed.
- The whole working group submitted comments that were included.

Questions/Discussion

- Delegations from members of the community – should be clarified that the delegates will speak following the approval of meeting minutes at the beginning of a meeting.

- Suggested to add the ability of the Chair to grant additional time to the original 10 minutes of delegations.
- Delegates will need to adhere to the Code of Conduct, the Chair will inform the delegate that they are to follow the Code of Conduct.
- The Terms of Reference will be recommunicated to all Delegates.
- Group will vote on the Terms of Reference at the October meeting.

Action: Barry to update to add ability to extend delegation at the chair's discretion, send to Shelley R to distribute to group with meeting minutes.

6. Air Sensor Project and Group Feedback (10 minutes), Shelley Rogers

The City is Working with Livable Cities to install Air Sensors along LRT Route. Air Quality monitoring is to track pre and post LRT Air Quality along LRT corridor. Air sensors will be supplied to the City with technical support and access to live data at no cost to the City of Hamilton for a 12-month pilot project. Sensors are installed on cobra street lighting. Must be installed on City-owned fixtures. Requesting feedback on the placement of the monitors, what should be considered, are there areas that are recommended?

Discussion

- It would be better to install sensors lower on the poles for PM₁₀ Data. Suggested to run an extension from fixture to be 3 metres above ground level.
- Mobile monitoring noticed a difference at Intersections, suggested to install sensors halfway between intersections.
- Suggestions to try a street or two back from the route.
- Suggested to install monitors prior to major changes to the street.
- Useful to monitor changes before the changes are made, we may find that once there is more stop and go traffic post LRT because vehicles won't be as efficient.
- Would be good to move around the sensors.
- Control locations would be beneficial (for an example Cannon).
- Be prepared to provide road safety installation plan, Dr. Adams may have some feedback with this.
- It will be interesting to see difference between Dr. Adams work and this.

7. Search for incoming Chair (10 minutes), Shelley Rogers

- We are searching for the next Clean Air Hamilton Chair. If anyone has any recommendations, please bring them forward.
- Important to find someone who is up for the challenge, important to apply an EDI lens.
- Academia is important because they are non-partisan.
- The role of the City is to be a secretariate, less as a Chair and it is better for the City to remain at arms-length.

- Someone has reached out to Trevor I who can put forward for consideration in the future.
- Names of nominees can be sent to Shelley R.

8. 2024 Upwind Downwind Conference (5 minutes), Shelley Rogers

The new Coordinator will be working on the City's behalf for coordinating the conference. Asking if there are any volunteers to assist with the conference. Bruce N and Chuck H volunteer.

9. Dust Group Update (5 minutes), Shelley Rogers

Working with the City's communications department to use City's social media to push out messaging. Began with focus on street sweeping and residential wood burning. Now that school is back in, hopping on other Public Health promotions for active transportation to communicate the benefits of reducing transportation emissions.

10. Community Experiences (10 minutes), All

New session for members to bring back voices from the community in meetings

- There has been a lot of activity about the Greenbelt, protest was well attended, does have a lot to do with Air Quality

11. Roundtable Updates (10 minutes), All

Shelley Rogers, Healthy and Safe Communities, City of Hamilton
Covering as Coordinator until Grace's position is filled.

Matt Lawson, Healthy and Safe Communities, City of Hamilton
Interviews have been conducted to replace Grace, should have an update for next meeting.

Alison Carlyle, Planning and Economic Development, City of Hamilton
Smart Commute Month – they are encouraging people to try a sustainable commute in September. Collecting data on how people travel to work. If you are in a smart commute workplace, please share following link with your colleagues:
<https://www.hamilton.ca/home-neighbourhood/getting-around/smart-commute/smart-commute-events>
This occurs every September.

Trevor Imhoff, Planning and Economic Development, City of Hamilton
Introducing Beatrice Ekoko to the group as recent hire as Project Manager in the Office of Climate Change Initiatives. Will be standing member with Trevor for the Office of Climate Change Initiatives with Clean Air Hamilton.
Applications for Community Climate Change Advisory Committee were submitted, received 65 applications, maximum of 20 on the committee. It is a subset of Council, under General Issues Committees. The first meeting should be on eScribe on

September 25, 2023. Applications will be reviewed in the next month or two. Engage page will be updated.

New hire, Cathrin Winkelmann is now part of the Office of Climate Change Initiatives, will lead Better Homes Hamilton program. Hope to launch by the end of 2023. The office is fully staffed now. Conducting data collection, going to GIC on October 18, 2023.

Gas Gebara, ArcelorMittal Dofasco

Working to create a partnership for a decarbonization hub and Transition Accelerator.

George McKibbon, McKibbon & Wakefield Inc.

Starting a term as Member of Public Advisory Committee for Niagara Peninsula Conservation Authority.

Kerry Leclair, Ward 3 Councillor Nann's Office, City of Hamilton

Co-hosting a community focused workshop on Air Quality and Air Pollution at Bernie Morelli on October 5th in the evening with Councillor Nann. Intent of the workshop is to be interactive and participatory and focus on lived experience and health outcome. Special guests will be present. Can email Kerry for more information or find on Councillor's Instagram or Facebook.

Nico Strabec, Mohawk College, Centre for Climate Change Management

CCCM has sister offices in Bay Area Climate Change Council and Campus Sustainability. New staff at the CCCM, Michael Dean the Manager of Climate Change and Energy Initiatives at the College. Bay Area Climate Change Council has new Manager, Jesse Elders who has a legal and policy background.

Dr. Denis Corr, Corr Environmental Inc.

Ministry brought in new regulation for Sulphur Dioxide Control and Monitoring for Petrochemical Facilities. Through Rotek installed three air quality monitors. Would like to thank the MECP for their assistance. Putting in two new stations with the Lennox Ontario Car Generation Plant. Also working with them for community outreach including to local Indigenous groups. Fresh Air For Kids running, using Indigenous teaching.

Dr. Charles Hostovsky, Citizen

Was an original member of Hamilton's Environmental Sensitive Areas Impact Evaluation Group but had to resign to go to Washington. Rejoined the group recently. Was at Greenbelt meeting in Ancaster, has asked to speak at the next Greenbelt consultation meeting.

Next meeting

October 2, 2023

3:00-5:00pm

WebEx