



Meeting Minutes

Coordination Committee

Mon. November 28, 2016, 3:00 – 5:00 pm

71 Main St W, City Hall, Rm 192/193

In Attendance:

Denis Corr, Corr Research (Chair)
Karen Logan, HIEA Representative, Communication Coordinator
George McKibbon, McKibbon Wakefield Inc./University of Guelph
Trevor Imhoff, Public Health, City of Hamilton
Kirsten McCauley, Planning and Economic Development, City of Hamilton
Adriano Mena, Citizen
Katie Chan, U.S. Steel Canada
Weeberb Réquia, McMaster University
Fran Scott, McMaster Institute for Healthier Environments
Brian Montgomery, Public Health, City of Hamilton
Lynda Lukasik, Environment Hamilton
Nadine de Bruyn, Citizen
Sandi Stride, Sustainable Hamilton Burlington
Emily Vis, Sustainable Hamilton Burlington
Barry Duffey, Ministry of the Environment and Climate Change

Regrets:

Jim Stirling, ArcelorMittal Dofasco
Jonathan Bastien, Hamilton Conservation Authority
Anna Krol, Health Canada
James Kaspersetz, OEAC
Patrick Quealey, Environment and Climate Change Canada
Lorraine Vanderzweert– Mohawk College
Shivani Vigneswaran, Environment and Climate Change Canada
Carolyn Barnes, ArcelorMittal Dofasco
Heather Donison, Sustainability, City of Hamilton
Peter Topalovic, Smart Commute -TDM, City of Hamilton
Joel Konik, Hamilton Conservation Authority
Peter Chernets, Citizen
Paul Szachlewicz, Horizon Utilities Corporation
Alexandra Graham, Citizen

Matt Adams, Associate Professor - Ryerson University
Brian Jantzi, Citizen
Andrew Sebestyen, U.S. Steel Canada
Matt Lawson, Public Health, City of Hamilton
Sally Radisic, Public Health, City of Hamilton
Dan Dobrin, Ministry of the Environment and Climate Change
Christine Newbold, Planning, City of Hamilton
Ted Mitchell, Citizen
Christine Borselli-Morgan, Citizen
Andrea McDowell, Public Health, City of Hamilton

Meeting Commenced at 3:03 pm

1. Introductions & Welcome

2. Approval of October 24, 2016 Minutes

- Fran Scott there
- Katie Chan there instead of Andrew Sebestyen
- Katie C. to give Trevor I. edits
- Approved

Updates:

3. Current and Future Projects – Sustainable Hamilton Burlington Presentation, Sandi Stride, President & CEO (30 minutes)

Link to Presentation:

- Sustainable Hamilton Burlington (SHB) is a Non-Profit organization that focuses on helping smaller to medium size businesses thrive by becoming more environmentally and socially sustainable.
- Please join us in partnership with Niagara Sustainability Initiative on February 14, 2017 for the 2nd Annual Smart Energy Summit.
- Recently SHB became a member of Sustainable Colab (www.sustainabilitycolab.org) which includes hundreds of businesses across 8 Ontario cities.
- When joining SHB there are three different levels: Bronze, Silver and Gold which include different requirements. Companies join to focus on GHG reduction which includes access to sophisticated GHG accounting tools as well as other environmental, social and economic metrics.
- SHB process broken down into smaller, more achievable processes/steps through 5 milestone achievements.
- SHB provides members with education and training, tools and support and credible recognition
- Example of one our programs is SHEL: Experiential Learning Program which is run with McMaster and Mohawk, that provides students the opportunity to work on real world technical questions/problems.

- Looking ahead SHB was a part of developing the Community Climate Change Action Plan where priority action was identified to create an accessible toolkit for businesses to assist with climate change impact analysis and business continuity planning
- Business Energy and Emissions Profiles (BEEPs) new initiative in partnership with Climate Smart to create projected GHG baseline by sector which includes online tool and map.
- Model already completed in City of Vancouver (BC), North York (ON) and is based on three databases: Climate Smart's database of emissions data from over 800 businesses, Statistics Canada, and the City's Business License data.
- Cost for all data consolidation, online interactive map and comprehensive report containing actions for key sectors is \$17,500 plus HST.
- Currently looking for Stakeholder partners like the City of Hamilton

Questions/Discussions:

- Trevor I. – Does the cost for membership include the entire boundary of Hamilton?
 - Sandi S. – Yes it would.
- George M. – Question regarding GHG legislation, recently discussion paper on offsets came out, how does this relate?
 - Sandi S. – Unsure if it relates, project meant for education and outreach and allowing businesses to better understand their GHG emissions.
 - Trevor I. – Sandi mentioned key actions sectors could take to reduce GHG emissions, wonder if those actions would be eligible for offsets. Could be a good incentive for companies to join if actions were eligible.
- Katie C. – Discussion paper describes offsets and guidelines for offset eligibility (i.e has to be real and measurable). Could be good opportunity for SME to think outside the box in regards to offset protocols and business opportunity to help setup eligible offsets.
- Adriano M. – Asking if offsets include procurement and purchasing materials? Would help encourage selecting a supply chain with the minimal carbon footprint.
- Katie C. – Interesting way to look at it, U.S Steel Canada currently looking at updating LEED and new ISO 14001 standard. May be important to look at carbon footprint of supply chain.
- Adriano M. – Could spur local economy and development through using local providers with smaller carbon footprint.
- Denis C. – Asked if company joins, would there be financing opportunities?
 - Sandi S. – SHB does not specifically have funds for capital but we strive to keep members apprised of all financial opportunities such as the Low Carbon Partnership available for accessing funds for capital energy savings.
- Denis C. – Asked how many SMEs total in Hamilton vs how many in this program.
 - Sandi S. – Have a very rough estimate of total in Hamilton, approx.. two thirds of companies in program are SME.
 - Emily V. – SHB sister company calling for business case to implement.
- Sandi S. – Key message to businesses is that there is a big business case to join the program to

help the bottom line and improve savings.

- Fran S. – Would SHB be interested in expanding from engineering at McMaster to Public Health. MIEH would have interested students.
 - Sandi S. – Yes of course, can connect following meeting.

4. Canada Wide Stakeholder Advisory Group & Evolution in Air Quality Zones for Ontario, Barry Duffey, Manager, Regional Air Issues, Air Policy and Climate Change Branch, Climate Change Directorate, Ministry of the Environment and Climate Change

SO₂ Canadian Ambient Air Quality Standards (CAAQS)

Link to Presentation:

- As part of Air Quality Management System (AQMS) Ministers reduced sulphur dioxide emissions. These new levels will kick in by 2020.
- SO₂ predominately emitted by industry.
- Hourly values based on human health whereas yearly values based on environmental (i.e acid rain).
- Management levels meant to drive continuous improvement. If municipalities in the red, should do everything to get into orange, if in orange strive to get lower into yellow levels and if in green should do everything to stay in this level.

Questions/Discussion:

- Denis C. – Asking if Hamilton will be in trouble with new levels?
 - Barry D. – Hamilton just on the line between orange and red. Will get back to CAH regarding specific concentrations
- Lynda L. – Asking how will this relate to what will happen for rest of the Province?
 - Barry D. – CAAQS not meant to be enforceable, 3 Regions will have trouble and will work with those Regions to lower emissions. For example is Sarnia reduces emissions we won't forget about Hamilton.
- Barry D. – See the greatest health impacts in GTA due to prevailing winds
- Katie C. – Asking how do you see the multiple moving parts fitting together regarding air quality and climate change in Ontario?
 - Barry D. – Agrees many moving parts, SO₂ main focus for my office. Industry looking for where all levels of government are going and what they are asking for. Industry wants to do it once and how to get there.
- Denis C. – Stated importance of SO₂ health impacts on Hamilton population especially during switch to a NE wind direction and during inversion days. Recommend including SO₂ and PM_{2.5} for Local Air Quality Notifications.
 - Barry D. – Would have to check with local MOECC branch, legacy section in O' Reg 419 could be used as tool.
- Denis C. – Stated previously Air Pollution Index (API) programs would call out to industry and stakeholders to curb production during bad air quality days
- Lynda L. – Asking when would that be triggered?

Barry D. – Where PM_{2.5} reaches the poor range (45 ug/m³) and where forecasts predict this to continue for at least 6 hours, we would send out emails to participants declaring an event and asking you to implement your plans. Updates would be provided if events are expected to last more than a day, and you will be advised when conditions are expected to improve and the event can be called off. Notifications of the start or end of an event can occur any day of the week. A weekend / after-hours contact (if applicable) would be helpful

NO₂ Canadian Ambient Air Quality Standards (CAAQS)

Link to Presentation:

- NO₂ emitted anytime you burn anything. Main source is transportation. In Ontario over half of NO₂ emissions come from transportation.
- Highest levels of NO₂ correlated with human vehicles.
- NO₂ more difficult to deal with as majority of sources come from individual vehicles and Ministry does not regulate individual citizens.
- Setting concentrations proving to be difficult as well. If based on percent of population Canadian concentrations would be 50 ppb which is half of U.S and World Health Organization.
- Expected to set concentrations in winter of 2017 then must go through multiple committees including CAAQS Development Recommendations Working Group (CDRWG).

Air Zones and Airsheds

- Ontario has 6 air zones, Hamilton is its own air zone. Originally proposing 2 air zones (North/South) but wanted something more scientific
- Started looking at sources across Ontario, which varies depending on type of contaminant
- Hamilton/Sarnia zone 3, however important to realize they are completely different and if Hamilton reduces SO₂ won't necessarily delist.
- In progress of finalizing report, pushing for it to come out spring 2017
- Environment and Climate Change Canada looking to combine all provincial reports and report on AQ across Canada.

Questions/Discussions

- Brian M. – Asking if air zones in prairies are set up by administrative bodies.
 - Barry D. – Not sure about Saskatchewan, in Alberta it is based on watershed delineation and BC based on type of uses (i.e forestry, oil sands etc..)

5. Clean Air Hamilton Strategic Activities Update – Group Discussion

- Trevor I. – Based on findings from previous CAH strategic activities workshop and follow up activities at CAH monthly meetings created 5 Strategic Activities to help direct CAH work into 2017 and beyond.
- George M. – Concerned airshed model is not mentioned. Believe this will consume a lot of CAH time.
 - Trevor I. – Based on previous CAH meeting activity airshed group (Sally R., Karen L., Katie C.) indicated airshed is a tool that will be integrated into all of the other strategic activities and not necessarily an activity. However if group would like to put it back in

we can.

- Katie C. – Airshed can be used to further many CAH projects, model is still under development. Important to remember model will not be the be all and end all, important to know how to use the model.
- George M. – More than tool, represents new information. Once out there impossible to predict out people will react and must learn how to recognize that uncertainty.
- Lynda L. – Agreed, suggested use of preamble to describe airshed
- Katie C. – Recognizes we can't envision all of the details, but fixed preamble will move forward
- George M. – Impossible to know what the reactions of the public may be, important to be ready and how to go about answering those unexpected questions and stay ahead of it.
- Karen L. – Not sure CAH will be responsible for that. Communication team established with City and HIEA. PHS may be lead for communication.
- Denis C. – Stated CAH is a separate entity from the City and may be asked for recommendations.
- Lynda L. – Stated CAH is still looking for airshed to direct, need a description in way of a preamble
- Brian M. – Recommends that based on Barry Duffy's presentation we change the wording on Air Zone 3 Management to just Air Zone Management.
 - Group agreed through general consensus
 - Adriano M. – Recommending stating specific CAAQS management levels?
- Katie C. – Asked about what it means in regards to industrial mandatory monitoring regulation? Wording around this not clear.
 - Denis C. – Targeted at those currently not doing any monitoring. Meant to grow existing monitoring networks. Example take all companies from NPRI database and make it a requirement that they do some sort of air monitoring.

6. Clean Air Hamilton 2017 Meeting Dates – Trevor Imhoff

- All of CAH meeting dates for 2017 has been scheduled and booked in same location as previous meetings (Hamilton City Hall, Room 192/193)

Questions/Discussions

- Denis C. – October 9 meeting is Thanksgiving and will have to be rescheduled.

7. Member Updates

Katie Chan – U.S. Steel Canada

- Deadline for regulated participants in Cap and Trade coming at the end of this month.

Brian Montgomery – Hamilton Public Health

- Climate Change portfolio, moving ahead nicely. Met with McMaster, Mohawk and Burlington Staff. Meeting Nov. 29/2016 with Burlington and Mohawk to discuss future coordinating office.
- Looking for any interested to participate in Environmental Summit 2017

Lynda Lukasik – Environment Hamilton

- Trees Please program accomplished several plantings this year, Air & Trees Task Force moving along.

Weeberb Réquia – McMaster University

- Investigating traffic emissions and human health, results will be ready in a couple of months and will share with group.

Karen Logan - HIEA

- Started to work on 2016 HIEA report. Appears emission trends are down from previous years.

Denis Corr – Corr Research Inc.

- Dr. Adams received offer from University of Toronto and thus will still be around and able to be a part of CAH and help out.
- Fresh Air Kids requires extension into February due to unforeseen circumstances.

Action Items:

- **Barry Duffey to get back to Clean Air Hamilton regarding specific SO₂ levels compared to new CAAQS levels.**
- **T. Imhoff to reschedule October 2017 meeting.**

Meeting Adjourned at 5:10 pm

Next meetings:

January 9, 2016

3:00-5:00pm

City Hall Room 192/193