



# Clean Air Sarnia and Area

Co-Chair – Sarnia Lambton Environmental Association

Co-Chair – Ontario Ministry of Environment Conservation & Parks

## Meeting Minutes

Date & Time	Location	Frequency
Monday, November 25, 2024, 13:00 – 15:00	SLEA (Sarnia Lambton Environmental Association) Boardroom, 1086 Modeland Road, Sarnia, Ontario Microsoft TEAMS: Audio, Video, Dial-IN	2-3 times per year

### Invited Participants

**Industry and Community Members:** Ada Lockridge, Community Member; Amit Patel, NOVA; Angie Van DenHeuvel, Shell; Anna Martin, Pembina Pipeline Corporation; Archie Kerr, Community Member; Baraa Fattal, Ecosystem Informatics; Chad Burke, INEOS; Chad Ikert, Lambton Public Health; Chris Carter, City of Sarnia; Chris Ouellette, Community Member; Colin Graf, Community Member; Crystal Palleschi, Lambton Public Health; Danalynn Williams, Community Member; Danielle Morrison, Chemical Industry Association of Canada; Darren Rogers, Lambton Public Health; Dean Pearson, Cabot; Dennis Plain, Aamjiwnaang First Nation; Don Fusco, Chemical Industry Association of Canada; Dwayne Debruyne, Plains Midstream; Elaine MacDonald, Ecojustice; Eric Ricciotti, UAW; Magaidh Crossland, Cabot; Ian Miron, Ecojustice; Jacob Westfall, JPW Consulting; Jacqueline Marcoux, JMEC Consulting; Jenna Devereaux, Shell; Jenna Granstra, AECOM; Jennifer Meharey, Suncor; Joe Booth, City of Sarnia; John Rodey, Township of St. Clair; Joseph Lasowski, Arlanxeo; Julia Iacovella, NOVA; Kevin Churchill, Lambton Public Health; Kris Lee, Community Member; Kristina Zimmer, Imperial Oil; Landon Tresise, Canadian Fuels Association; Lisa Desantis, Imperial Oil; Lori Lucas, Lambton Public Health; Lucas Malinowski, Canadian Fuels Association; Marina Plain, Community Member; Matthew Kachler, NOVA; Cassandra Babbitt, INEOS Styrolution; Carrie Hamill, INEOS; Karissa Khan, INEOS; Muqeeh Syed, Petro-Canada Lubricants; Rene Rong, Terra International; Sandra Kinart, Victims of Chemical Valley; Sarah Macklin, Arlanxeo; Scott Odolphy, Suncor; Michelle Sich, NOVA; Shirook Ali, Ecosystem Informatics; Stephen Velthuizen, Shell; Steve Henschel, City of Sarnia; Steve Riecks, Community Member; Tanya Calver, Imperial Oil; Theresa Warren, Lambton Public Health; Therese Hutchison, Victims of Chemical Valley; Todd Murray, Suncor; Umashree Pancholy, Origin Materials; Vanessa Gray, Community Member; Vince Gagner, Community Member; Aayushi Bansal, Community Member; Gargi Anilkumar, Community Member

**Aamjiwnaang First Nation:** Cathy Grant; Courtney Jackson; Lynn Rosales; Alexandra Beveridge; Norm Joseph; Dennis Plain; Scott Grant, Cathy Grant

**BASES:** Jason Vaillant; Nathan VanBelois; Tracy Krull

**MECP:** Brianne Attard; Chris Charron; Dan McDonald; James Gilmore; Anisur Rahman, Jason Lehouillier; Greg Heath; Mallory Jutzi; Peder Garberg; Rachel Melzer; Sarah Robicheau; Michael Harris

**ECCC:** Valbona Celso; Marie-Claude Sauve; Genevieve Tardif, Tom Harner

### 1. Introductions

The group participated in a roll call to introduce themselves.

### 2. Approval of Agenda and Past Minutes

Approval of current Agenda and March 26, 2024 minutes.

### 3. Review of Action Items from March 26, 2024 Meeting

a. [Topic - Environment and Climate Change Canada presentation] MECP to connect community member with ECCC project team following CASA meeting to discuss sampling program and locations (completed).



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#### 4. MECP Updates

- The MECP discussed new monitors and stations which were added to the CASA network in collaboration with Aamjiwnaang First Nation and BASES in the spring of 2024.
- This included an hourly benzene monitor at the Wilson Plain Sr. station and the new AFN Sportscenter station.

#### 5. BASES Updates

- BASES described ongoing initiatives to continue reinvesting in the monitoring network, such as replacing aging equipment, and retaining a new service provider for the operation and maintenance of their equipment and data integrity.
- A question was raised by a community member about responsibilities for maintaining stations when they are down or show signs of data quality issues (such as reporting negative values) and requested a contact number for reporting website issues. For BASES-operated stations; the station operator (Ortech) completes this maintenance work. The MECP oversees MECP-operated stations. CASA website issues can be reported to BASES or through the inquiry form on the CASA website.
- BASES presented a concept for a quarterly CASA newsletter, which could provide a high level summary of air monitoring data across the network over a quarterly basis.
- A question was raised by a community member about the colour category system for the CASA website. A description of the categories and the various concentration levels for each pollutant is provided on the CASA FAQ page:  
<https://www.cleanairsarniaandarea.com/reporting/faq.aspx>

#### 6. Presentation – Integrated Chemical Mixtures Project – Updates and Next Steps (Environment and Climate Change Canada)

- Environment and Climate Change Canada (ECCC) provided a follow-up presentation on the status of their Integrated Chemical Mixtures Project, which will study trace levels of hundreds of contaminants in air, water, soil, plant and biota tissue and their mixtures and daughter products. Two Ontario study areas are Sarnia and Brantford; study will occur between 2023-2027. Some preliminary PAH results from the Alberta oil sands region were shown.
- Passive air samplers will be installed at locations around Aamjiwnaang First Nation (AFN), selected in consultation with ECCC and AFN.
- Strong community and industry interest in the project; several questions were raised about whether health effects will be assessed (ECCC will be collaborating with Health Canada), sampling methodology, benchmarks used for assessing results, and evaluation of sources.



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- A suggestion was made to invite ECCC scientists leading water and wildlife studies associated with the project to an upcoming CASA meeting. **Action** – BASES to follow-up with ECCC about presenting at next CASA meeting.
- A question was raised about air quality in neighbourhoods surrounding Highway 402 and other major roadways. **Action** – MECP to look into traffic-related air pollution studies conducted in Sarnia or other locations.
- BASES suggested that ECCC add CIAC and CFA to the list of Industry Groups and Partners on the Acknowledgements slide of ECCC's presentation. **Action** – BASES to provide CIAC and CFA contact information to ECCC.

#### 7. New CASA Website Review (BASES)

- BASES provided an update on the ongoing development of a new, public-facing CASA website (hosted by the database company DR DAS).
- A demonstration of the draft website was provided, with an overview of the key features and functions.
- Strong community and interest in the project; several questions and comments were raised about the functions, such as ensuring the website is phone friendly, providing a community demonstration, clarifying time stamps and measurement units.
- Questions were raised about the Sarnia-Lambton Alerts notification system, and how environmental incidents are communicated to the public (during and after an incident).
- **Action** – BASES to send CASA members a link to draft new website; CASA members to try using demonstration site and provide feedback to BASES.

#### 8. Roundtable

#### 9. Adjourn & Confirm Next Meeting (3:00 pm)

- Next Meeting: TBD