KITIMAT AIRSHED GROUP

Annual General Meeting Minutes

February 16, 2022

Prepared By:
Brittany Bayne

Kitimat Airshed Group: Annual General Meeting Agenda

Date and Time: February 16th, 2022 9:00AM – 10:30AM

Zoom Account: KAG Zoom Account

Participants:

Members:

Lis Stannus – Chair/Citizen's Seat ✓
Shawn Zettler – Co Chair/Rio Tinto Seat ✓
Sandra Knowles – Secretary Treasurer/KTCAC Seat ✓
Neven Dimic - LNG Canada Seat ✓
Daniel Chimko – Chamber of Commerce Seat ✓
Lani Gibson – District of Kitimat Seat ✓
Marc Young – Professional Union Seat ✓
Tracey Ross - Haisla Nation ✓
Douw Steyn – Academic Advisor ✓
Peter Jackson - Academic Advisor ✓
Benjamin Weinstein - Ministry of Environment and Climate Change Strategy ✓
Adriana Rodriquez – Ministry of Environment and Climate Change Strategy ✓
Ann Godon - Ministry of Environment and Climate Change Strategy ✓
Cheryl Brown – Lakelse Lake Watershed Society ✓
Laurel D'Andrea – Executive Director of Chamber of Commerce
Paula Tait – Northern Health Authority Advisory Member ✓
Rob Goffinet – Kitimat Health Advocacy Group ✓
Kenneth Maitland – Kitimat Valley Naturalists ✓
Pam Vollrath – KTCAC Alternate
Daniel Baker – Ministry of Transportation
Jane Hauser – Kitselas Representative
Inness McKenzie – Unifor 2301 Alternate
Marie Johnson – BC Oil and Gas Commission
Ken Howes - BC Oil and Gas Commission
Rockland Leong – Kitimat Sandhill Mine/Arthon Quarry
Yvonne Koerner – Regional District of Kitimat-Stikine
Bruce Bidgood – Regional District of Kitimat-Stikine Alternate ✓
Martin Mcllwrath - Unifor 2301 President

RWDI:

Christian Reuten - RWDI ✓

Others:

Steven Christiansen - Accounting Services
Charles Claus - KTCAC ✓
Brittany Bayne – Secretariat ✓

Agenda

#	Time	Activity	Lead
1	8:55 AM	Log On	All
2	9:00 AM	Territory Welcome and Opening Remarks	Brittany Bayne
3	9:05 AM	Agenda Review and Adoption of Minutes	Lis Stannus
4	9:10 AM	Financial Report	Sandra Knowles
5	9:15 AM	Review of Activities	Lis Stannus/Brittany Bayne/Shawn Zettler
6	9:30 AM	RWDI Airshed Boundary Presentation	Christian Reuten
7	10:25 AM	Actions and Next Steps	Brittany Bayne
8	10:30 AM	Meeting Adjourned	All

Meeting began February 16, 2022, at 9:02 AM

Territory acknowledgment performed by Brittany.

Agenda Review and Adoption of Minutes

- Agenda accepted as circulated.
- Minutes accepted as circulated.

Financial Report

- Financials accepted as circulated.
- 2022 budget to be discussed later.

Review of Activities

- **Society Updates:**
  - The KAG has been a formal society and active for 10 months.
  - PowerPoint Presentation shared and attached for review.

- **Secretariat Report:**
  - Website update given and screen shared with members.
  - Feedback on website requested via email.
  - Members requested to share the website within their organizations once online.

- **DRC Update:**
  - The DRC's main purpose has been issuing the network review and awarding the contract to RWDI.
  - The DRC has begun work on air quality data but enlisting the services of a co-op student. She is working under the supervision of Ben Weinstein writing R-Code for data templates to auto generate quarterly reports for the KAG which will be reviewed by the DRC before being uploaded to the KAG's website.

RWDI Airshed Boundary Presentation

- The presentation gave preliminary information and Christian reported he would work on getting KAG the slides once copyright issues are cleared.
- Screen share of RWDI presentation.
- The network review included a literature review, definition of the airshed and a GAP analysis.
- Proposed airshed shown in the shape of a rectangle.
- Ways to define an airshed:
  - Legal and administrative boundaries
  - Using natural barriers (example: Ben's physical boundary)
  - Base the airshed on thresholds
  - The proposed rectangle is seen as a hybrid approach. They used Ben's map as a starting point, identifying areas for expansion based on threshold then embedding them in a rectangular region to facilitate dispersion modeling.

- **Questions:**
  - **Q**: What are the precursor emissions for ozones?

- **A:** For ozone to form you need NO2, the result of combustion processes. N will oxidate and form NO very quickly turns into NO2. NO2 is one of the precursors while the other is a set of organic compounds with high reactivity. It takes 10 000 different reactions to come out with ozone and other contaminants.
- **Q:** What are the consequences for the KAG of making the area too big or too small.
- **A:** If the area is too big, you might cause concerns where there shouldn't be. People may be concerned about industrial emissions in their area and feel they need modeling in their areas. If the area is too small, future modeling might only happen in that specific airshed. If the modeling domain is too small, and there are high concentrations on the boundary, the true impacts will be unstudied. To err on the edge of caution, you would want to make the airshed bigger.
- **Q:** Is there more of a concentrated boundary as well?
- **A:** Small boundaries focus on the contaminant and its timeline. The boundary was tailored to the impacts of different contaminants.
- **Q:** Is an airshed defined by the contaminants that are being studied?
- **A:** Yes.
- **Q:** How do you account for the area outside where there is no data monitoring?
- **A:** The modeling is limited, even in the lower mainland where there are 20-30 monitors, you can't really know what's going on outside the boundary. The best way to measure the impacts outside the boundary is to do modeling outside of the airshed.
- **Q:** Were there studies and data to the east and west to verify the airshed boundaries?
- **A:** Nesting data was used to show how much useful data is outside of the boundary.

Actions and Next Steps

Who	What	When
KAG Members	Feedback on KAG website	By end of week
RWDI	Send Brittany the draft literature review and airshed boundary options	By first week of March
KAG Members	Submit questions or comments to Brittany re: airshed boundary via email	Anytime
Brittany	Schedule GM meeting for May 18 9-10:30 AM and send invite	February 16, 2022

Meeting Adjourned February 16, 2022, at 10:42 AM.