



KITIMAT AIRSHED GROUP

General Membership Meeting Minutes

November 17, 2021

Prepared By:
Brittany Bayne

Kitimat Airshed Group General Membership Meeting

Date and Time: November 17th, 2021, 9:00 PM – 11:00 PM

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 Representative ✓
Daniel Chimko – Chamber of Commerce Seat ✓
Lani Gibson – District of Kitimat Seat ✓
Marc Young – Professional Union Seat
Tracey Ross - Haisla Nation Seat ✓
Douw Steyn – Academic Advisor
Ben Weinstein -Ministry of Environment and Climate Change Strategy ✓
Peter Jackson - Academic Advisor ✓
Ann Godon - Ministry of Environment and Climate Change Strategy ✓
Adriana Rodriguez – Ministry of Environment and Climate Change Strategy
Cheryl Brown – Lakelse Lake Watershed Society ✓
Laurel D’Andrea – Executive Directory of Chamber of Commerce
Paula Tait – Northern Health Authority Advisory Member ✓
Rob Goffinet – District of Kitimat Alternate ✓
Kenneth Maitland – Kitimat Valley Naturalists ✓
Pam Vollrath – KTCAC Alternate
Daniel Baker – Ministry of Transportation
Jane Hauser – Kitselas Representative ✓
Eve Normandin – Rio Tinto Alternate
Inness McKenzie – Unifor 2301 Alternate
Bruce Bidgood – Regional District of Kitimat-Stikine Alternate
Ken Howes- BC Oil and Gas Commission
Marie Johnson – BC Oil and Gas Commission ✓
Rockland Leong – Kitimat Sandhill Mine/Arthon Quarry
Yvonne Koerner – Regional District of Kitimat-Stikine

Guests:

Sean Curry - Oil and Gas Commission ✓
James Norris - LNG Canada ✓
Nine Arvanitidis- LNG Canada ✓

Others:

Brittany Bayne – Secretariat ✓

Agenda:

#	Time	Activity	Lead
1	8:55 AM	Log On	All
2	9:00 AM	Territory Acknowledgements	Tracey Ross/Brittany Bayne
3	9:05 AM	Introduction, Confirmation of Agenda, Acceptance of Meeting Minutes	Lis Stannus
4	9:10 AM	OGC in Relation to EMA Permits and LNG Canada	Sean Curry
5	9:20 AM	Secretariat Report	Brittany Bayne
6	9:25 AM	Treasurer's Report	Sandra Knowles
7	9:30 AM	Update from Network Review Project	Douw Steyn/Shawn Zettler
8	9:35 AM	Report on Rio Tinto EEM	Shawn Zettler
9	9:40 AM	Presentation on Government Roles in Airsheds	Ann Godon
10	10:10 AM	Question Period	All
11	10:20 AM	Presentation on LNG Canada's Waste Discharge Application	Neven Dimic
12	10:40 AM	Question Period	All
13	10:50 AM	Society Updates	Lis Stannus/Brittany Bayne
14	10:55 AM	Actions and Next Steps	Brittany Bayne
14	11:00 AM	Meeting Adjourned	All

Meeting began November 17th, 2021 at 9:05 AM

Territory Welcome:

- Territory welcome performed by Tracey Ross.

Introduction, Confirmation of Agenda, Acceptance of Meeting Minutes:

- Lis acknowledged the change in the KAG's AGM date, which will be February 17th, 2022 at 9:00AM-11:00AM PST.
- The previous General Membership meeting minutes were accepted as circulated and will be uploaded to KAG's Google Drive.
- Shawn Zettler joined at 9:11 AM

Presentation: OGC in Relation to Environmental Monitoring Assessment Permits and LNG Canada:

Presentation by Sean Curry:

- OGC Background:
 - The commission is an agent of the crown
 - There are 7 offices around BC with the Terrace being the closest to Kitimat.
 - Their main office is Fort St. John and their corporate office is in Victoria.
 - They are composed of a variety of staff: environmental, engineering, stakeholders, and First Nations Engagement.
- OGC Role:
 - LNG Canada: the OGC is the lead agency and statutory decision maker for administering and adjudicating for the waste discharge application of the environmental monitoring assessment (EMA). They have statutory authority the ENV does not have. The OGC reviews applications with the same authority, scope, review process and criteria that the MOE would consider for an EMA permit, which they are doing for LNG Canada. The MOE is working for the OGC for this particular permit and is providing technical advice that the OGC decision maker can utilize in making a decision on the waste discharge application (WDA). Marie Johnson has expertise in the models being used by LNG Canada to look at the emissions forecast and profile. However, Marie is busy with a variety of activities and enlisted the assistance of Ben Weinstein. The OGC and MOE have an arrangement to lend agents who provide expertise.
- The OGC is waiting for the application for WDA permit. Once they have the permit, OGC will commence their review of the application.

Questions:

- **Q:** How long will it take to review the application?
- **A:** LNG Canada's application is extensive and requires much diligence as they go through it. OGC cannot provide an exact time frame yet but will have a better idea once the application is received and the complexity of it and need for supplemental information is reviewed.

- **A:** Neven stated in the update he will provide today, he will address their timeline for LNG Canada's application.
- **Q:** The OGC website is difficult to find information for upcoming applications. Can they provide information on how the public can easily access this?
- **A:** Sean reported he will send information to Brittany via email after searching internally and offered to speak again, with more OGC staff, to the KAG once the permit review has begun.

Links Provided by Sean Curry:

- [General information about OGC's role in air quality.](#)
- [Methane emission reduction.](#)
- [OGC air summaries.](#)

Secretariat Report:

- The KAG's website is submitted and is in the design phase with Salt Media
- Report about the presentation to KTCAC about the KAG.
- Brittany will be presenting to Council on Monday for 2022 funding to support KAG's administrative costs.
- Brittany asked for interested members to contact her regarding their interest in forming the public outreach subcommittee.

Treasurer's Report:

- Sandra Knowles presented the KAG's October cash flow document.
- Reminder of membership fees which are needed to vote at February's AGM.
- Lani suggested having accounts payable on cash flow to show expected accounts receivable.
- Brittany will send invoices to individual members and their organizations.
- Lani brought up the decrease in funding from MOE and Sandy reported that we are working with the MOE on this.
- Ann answered this question by reporting that the decrease is reflective of the fact that they see KAG as an established airshed group now in the maintenance phase.

Update from on Network Review Project:

- RWDI was chosen for the project as the committee feels their work is scientific and accurate. The DRC signed an agreement with RWDI and the project has commenced.
- The project is composed of three main objectives: critical literature review, definition of the airshed boundary using Ben's boundary as a starting point, and study of the current air monitoring network to assess its quality.
- The project is expected to be completed in March 2022.
- The project is funded by a combination of Rio Tinto, LNG Canada, KAG and ENV.

Update on Rio Tinto's EEM:

- The EEM plan will monitor pathway receptors to show the effects of SO₂ on human health, environmental health of soils and surface waters and human health effects.
- There are two phases of the EEM plan: the technical assessment study for permitting and the environmental monitoring phase. The third draft of the EEM plan will be reviewed by MOE for feedback. There is a delay in sending the plan for consultation due to the recent strike but will be sent in the Spring of 2022. The draft will be available to KAG to review one month prior to consultations.
- There is a review of the dispersion models to ensure the data is correct as errors were found in wind data and the dispersion model. These corrections will be made in December 2021-January 2022. Discussions with LNG and other stakeholders will begin in December and into 2022 and 2023 to develop the strategy of a multi emitter scenario.
- Shawn will be providing an update on the overall timeline. The dispersion model will feed into a technical assessment report about human health and vegetation health.

Questions:

- **Q:** Does the EEM plan involve a monitoring network plan as well or has it changed due to KAG's network review study?
- **A:** The network optimization studies may inform the network in terms of monitoring smelter emissions but Rio Tinto will look at the monitoring data.
- **Q:** How does network review project and EEM review fit into what the OGC will review?
- **A:** In terms of monitoring, cumulative effects are included in the plan they have in place now. They will also be adding the SO₂ emission from LNG and other industries that establish themselves in the Kitimat valley.
- **A:** All sources and cumulative effects will be considered at the time the application is submitted. Potential permit conditions for ongoing work and monitoring will be reviewed at that time. OGC is unable to give too much detail but all this information will be considered.
- Tracey left meeting at 9:52 AM
- Rob left meeting at 9:55 AM

Presentation on Government Roles in Airshed Groups:

Presentation:

- Ann Godon presented on the different levels of government and their roles within airshed groups. Ann acknowledged that she resides on the unceded territory of the Lheidli T'enneh Nation.
- See attached presentation for reference.

Questions:

- **Q:** What is the role of local government in wood burning and can you provide any examples of local government regulating emissions from traffic?
- **A:** Air Care was used to manage traffic emissions but has been discontinued. Community charters could provide information on local government regulations. An example is Metro Vancouver who has bylaws on stationary equipment, crane emissions, diesel engines and others. There is municipal jurisdiction of the previous mentioned.

- **Q:** Although wood smoke is not generally a problem in Kitimat, there are areas that have issues with it. Is testing being performed around what is happening in those communities regarding localized events that might not be picked up in monitoring networks such as Kitimat's?
- **A:** Monitoring networks can show hotspots. There are mobile programs that map out the hotspots in an electric vehicle over numerous evenings to create a map of them. Small sensors that monitor PM2.5 are of low cost (\$300.00) and Smithers is implementing 13 of them. However, these monitors may not be applicable to SO2.
- **Q:** Would the purple air monitor in the Service Center be enough for the above mentioned?
- **A:** To create a robust network, there would need to be 10 monitors.
- **Q:** How are air quality issues coordinated between the permitting MOE and OGC?
- **A:** OGC and Authorizations North meet twice annually. They discuss permit requirements (example: environmental effects monitoring) and see each other's permits. They use the same decision making process for their permits.
- Ann will provide further information on how air quality plans are financially supported.

Presentation on LNG Canada's Waste Discharge Application (WDA):

- See presentation attached for reference.
- OGC and Ben Weinstein are providing input on LNG Canada's WDA.
- They are in the technical assessment phase of the permit and working on completing the air dispersion modeling which is underway with a few areas that are being finalized.
- Once the technical assessment is complete it will feed into their monitoring plan.
- Neven will provide information to the KAG and will request a discussion to answer KAG's questions about the WDA.

Questions:

- **Q:** How does the air curtain application fit into the plan?
- **A:** The presentation was for LNG Canada's big picture, the air curtain is related to construction activities on a smaller scope. JFJV will hold an information session which will most likely be online next week.
- **Q:** After the application, how long will the public have to review and comment?
- **A:** Notification and engagement includes a 30 day period. The final application package will be complete but will include an engagement notification report. This engagement informs the final product. If comments need to be taken into effect, this information is taken into consideration to create the final product.
- **Q:** If there is a community concern, is there any further public comment period to address this?
- **A:** The final report will show that the comment was addressed.

Society Updates:

- Discussion about the AGM in February.

Round Table:

- The group enjoyed the presentations and found them informative. Group discussed meeting dates and actions and the next steps chart.

Meeting Dates

Meeting Type	Date	Time
General Membership Meeting	November 17 th	9:00-11:00 AM
Governance Committee	January 19 th , 2022	3:00PM-4:30PM
AGM	February 16 th , 2022	9:00AM-11:00AM

Actions and Next Steps:

Who	What	When
Sean Curry	Find out where to find information on upcoming applications and send them to Brittany.	Done
Brittany Bayne	Send invoices for membership fees	By November 23 Done
Shawn Zettler	Send KAG Rio Tinto's EEM Plan	Early 2022
Shawn Zettler	Detailed report about air quality data during Unifor strike	
Brittany Bayne	Form public outreach subcommittee	By November 23 Done
Ann Godon	Send information about how air quality groups are supported	
Shawn Zettler	Provide Air Quality data from passive monitors to KAG	
Neven Dimic	Notify KAG of information sessions about air curtain incinerators	Done
Brittany	Schedule alternative wood waste meeting	For end of January

- General Meeting Adjourned November 17, 2021 at 11:06 AM