



KITIMAT AIRSHED GROUP

General Membership Meeting

Meeting Minutes
May 19th, 2021

Prepared By:
Brittany Bayne

Kitimat Airshed Group: General Membership Meeting Agenda May 19th 2021

Date and Time: May 19th, 2021 9:00AM – 11:00AM

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
Douw Steyn – Academic Advisor ✓
Ben Weinstein -Ministry of Environment and Climate Change Strategy ✓
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 ✓
Scot MacKillop – LNGC Alternate Representative ✓
Jacque Corstanje - 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:

District of Kitimat:

Warren Waycheshen – DOK Chief Administrative Officer ✓
Alex Ramos-Espinoza – DOK Director of Engineering Services ✓
Juliana Liptak - DOK Juliana Liptak ✓
Trent Bossence - Kitimat Fire Chief ✓

BC Environmental Assessment Office Representatives:

Fern Stockman – BC Environmental Assessment Office ✓

Lori Carter – BC Environmental Assessment Office
 Chris Parks - BC Environmental Assessment Office ✓

LNGC Representatives:

Erin Furlong – LNG Environmental Compliance Lead ✓
 Janine Forrest – JFJV Representative ✓
 Ray Carrier – JFJV Representative ✓

Others:

Brittany Bayne – Secretariat ✓

Agenda

#	Time	Activity	Lead
1	8:55AM	Log on to meeting	All
2	9:00AM	Welcome, opening remarks and confirmation of agenda	Lis Stannus
3	9:05AM	Discuss KAG updates	Lis Stannus
4	9:15AM	Update from DRC <ul style="list-style-type: none"> ● Network Monitoring Study ● NO2 Submission ● Venting Index 	Douw Steyn
5	9:30AM	Update on website	Brittany Bayne
6	9:45AM	Update on SO2 and EEM with Q&A	Shawn Zettler
7	9:55AM 10:00AM 10:20AM 10:35AM	PM10 Presentations: <ul style="list-style-type: none"> ● Ben Weinstein ● BC Environmental Assessment Office ● JFJV ● Discussion and feedback 	Lis Stannus Ben Weinstein Fern Stockman Ray Carrier/Janine Forrest Brittany Bayne
8	10:55AM	Actions and next steps	Brittany Bayne
9	11:00AM	Meeting adjourned	All

Actions and Next Steps:

Who	What	When
Brittany	AGM package	October 2021
Brittany	Send Email for NO2 Input	Done
Ben	Open burning regulation presentation	In discussion
Ben	Summary of PM10 monitoring in Kitimat	
Brittany	Distribute RAPP line to members	Shared in minutes
Erin	Review data sharing from the CVL monitoring station	

Meeting Start Time:

- May 19th, 2021 at 9:01 AM

Welcome, Opening Remarks and Confirmation of Agenda:

- Agenda confirmed
- BC Environmental Assessment Office and JFJV Representatives welcomed

KAG Updates:

- Lis opened with a presentation of the KAG's activities this year, presentation attached for reference
- AGM package will be sent prior to the AGM meeting to include information about membership, fees and KAG's code of conduct.
- Financial acknowledgement given to BC MOE, RT, LNGC and DOK

Update from Data Review Committee (DRC):

- **Network Review RFP**
 - The Network Review RFPs objective is to review the network, the environment and meteorology of the Airshed and define its boundaries. Assurance given that the boundaries will be physical and environmental not political boundaries. The DRC Working Group would like to have the RFP issued late Spring; however, a funding model needs to be in place prior to releasing it.
 - There is a list of consultants the RFP will be issued to; they will need to submit a written proposal. The DRC will decide on a consultant and monitor their work. A report will be issued to the broader group and then the public.
- **NO2 Intentions Letter:**
 - The provincial government is looking to the CCME (Canadian Council of Ministers of the Environment) standards. There is a provincial review because the standards would not be the same as Kitimat and Saskatchewan because the mixing of pollutants would not be the same in each of these geographical areas.
 - The standards for NO2 are being tightened due to research on the severity of the human health effects of NO2. It is a respiratory irritant and there is no lower limit for the pollutant. The new standards would tighten NO2 emissions provincially.
 - The KAG will be submitting a letter regarding the updated NO2 standards.
- **Venting Index Meeting with Environment of Climate Change Canada:**
 - ENV is changing the approach they use for venting indexes. The current methodology is not applicable anymore. The Federal Government, BC ENV and scientists are working together to design a new approach and model.
 - A customized venting index would be good for Kitimat to control industry burning
- Ben stated that open burns are regulated by BC ENV and are provincial jurisdiction

KAG Website Development:

- Brittany requested two volunteers with interest and/or experience to form a Website Design Sub-committee.
- Committee will work together to create content and appealing design for public
- Interested members can email Brittany at KAG's email

Update on SO2 and EEM:

- Shawn shared a powerpoint presentation, attached for reference.
- Rio Tinto completed their Comprehensive Review on the effects of SO2 and presented the next steps. There is more information on their website, which is linked into the presentation.
- Lis presented the question of how the KAG's Network Review will fit into the next phase of EEM. Shawn responded that the recommendations from the report will work together with the KAG's study to see if the monitors are in the right locations.
- Shawn requested the members contact Brittany via KAG's email with further questions or concerns to (kitimatairshedgroup@gmail.com) and she will direct the questions to Shawn.

PM10 Presentations:

- Ben Weinstein:
 - PM10 includes all inhalable matter that is 10 micrometers or smaller and does include PM2.5. They lodge into the upper respiratory system. PM10s are associated with eye, nose and throat illness.
 - CDC reports the correlation of increased daily concentrated particulates and non-accidental mortality in spring. For example: dust from tires and brakes and the accumulation of dust on roadways over Winter.
 - In relation to human health effects PM2.5 is more of a concern. PM2.5 accounts for a lot of the monitoring done in Kitimat.
 - Haul Road had a monitor until Spring 2021 then was removed due to the amount of dust generated at the site due to truck traffic.
 - There was a Kitimat Rail monitor for PM10 and PM2.5. The station was relocated as part of a network relocation.
 - Whitesail area PM10 transitioned to PM2.5 in 2010.
 - Cedar Valley Lodge has a PM10 and PM2.5 monitor
 - Sandy suggests that the Westside should be considered for a monitor as it is a popular area for community outdoor activities.
- Environmental Assessment Office Presentation:
 - Presented by Fern Stockman, presentation attached for reference
 - Fern Stockman has been working with the EAO for approximately 10 years and has been part of several projects within Kitimat
 - The EAO likes to engage the public in discussions about future projects

- They present both positive and negative effects of the projects to decision makers
- EAO is mainly involved in the early process of environmental assessment
- Presentation talked about the LNGC environmental assessment certificate involving air quality monitoring plan, and reduction of emissions during construction phase and operation.
- The EAO Compliance link and email are both located in the presentation for further contact.
- JFJV Presentation:
 - Presentation done by Janine Forrest, attached for reference
 - The Haul Road monitor was reading dust from vehicles driving up the road.
 - Water trucks run regularly during dry seasons to suppress dust. The map in the presentation shows the roads to the construction site where dust suppression was needed, this information was from an environmental specialist. There was a seeding program implemented to stabilize the soil, growing vegetation will help to reduce dust in the future. The seeding mix was “Skeena Park Mix” which was approved by the government. JFJV also had hydro seeding done in areas that didn’t show success with seeding.
 - JFJV has a community feedback program and phone line which is in the presentation for reference

PM10 Discussion:

- After reviewing the time series presented by JFJV in their slide, the increase in PM10 was attributed to the Haul Road monitor being poorly situated by unpaved roads. Every time a vehicle drove on one of the roads, the monitor showed an increase.
- In regard to dust management, the primary mitigation is to water dry roads immediately during dry spells. JFJV has three water trucks running and dust suppression materials.
- The dust suppression materials used include calcium chloride or magnesium chloride. Both are salts and used extensively on forest service roads and mine sites.
- Lani brought forth the concern of cyclists in the community being affected by construction activity in the west side of Kitimat. Pollution concerns are being expressed via social media and not necessarily being told directly to industry.
- Sandy also brought forth comments about social media posts and comments. The public doesn’t know who to contact for complaints. The community feedback information for LNGC should be more publicly available
- Douw brought forth the importance of recognizing that each monitoring station is an instrument but collectively makes a larger instrument called the network, which should be looked at as a whole rather than one specific area.
- In response to a question posed about who to contact for smoke complaints, Ann said to call RAPP. The individual should also send pictures. Complaints are triaged.
- RAPP line: 1-877-952-7277

- Trent stated the community should bring the complaint forth to the Fire Department if the complaint is within municipal boundaries to avoid the FD having to chase after complaints.
- Questions regarding the CVL PM10 monitoring information being publicly available was answered by Erin Furlong of JFJV. It is not publicly available at this time as the monitor is there to meet human health expectations and relevant to the residents of CVL. The KAG and MOE both expressed interest in having this information available. JFJV will have an internal discussion about this and report back to the KAG.
- Ben suggested that a service center PM10 monitor would provide data of most value.
- Douw brought forth the importance of recognizing that each monitoring station is an instrument but collectively makes a larger instrument called the network, which should be looked at as a whole rather than one specific area. The network should be constructed around where monitors would provide the best data.
- If any participant wants to submit reflections or comments, they can email Brittany Bayne at the KAG email: kitimatairshedgroup@gmail.com.

Actions and Next Steps:

- Refer to Action and Next Steps chart above
- KAG AGM will be in the fall

Meeting Adjourned:

- June 9th, 2021 at 11:01 AM