

BOUNDARY AIR QUALITY COMMITTEE

MEETING MINUTES FOR
THURSDAY, November 12th, 2009
Location: City Hall

PRESENT: CHRIS MOSLIN – COUNCILLOR/CHAIR
BRYAN MCEWEN- SNC Lavalin (By Phone until 12:20pm)
STEVE SAKIYAMA (By Phone at 11:30am to 12:20 pm)
ALVIN BOYER – MINISTRY OF FORESTS
PETER REGENBERG-ROXUL
DOUG ZORN-BOUNDARY AGRICULTURAL SOCIETY
CHERYL UNGER – INTERIOR HEALTH
MIKE REINER-MINISTRY OF ENVIRONMENT
CHER WYERS – COUNCILLOR/CHAMB OF COMM. (Left at 1:00 pm)
LARRY BALLARD – MINISTRY OF HIGHWAYS
LYNNE BURCH, CITY CLERK – JOINED MEETING AT 1:10 pm

DIANE HEINRICH-ADMINISTRATIVE ASSISTANT

REGRETS: JOY DAVIES – COUNCILLOR
JOHN VERE – WOOD STOVE PROGRAM REP
MICHELE CASKEY-BC LUNG ASSOCIATION
IRENE PEREPOLKIN-AREA D DIRECTOR
PETER SHILTON-ROXUL
ED ZEBEROFF - SELKIRK PAVING
GRACE MCGREGOR-AREA C DIRECTOR
LARRY BALLARD – MINISTRY OF HIGHWAYS
MIKE VAN EK- INTERFOR
JOE MOTTISHAW-EMCON

CALL TO ORDER:

Chris Moslin called the meeting to order at 11:12 AM.

1. **WELCOME, INTRODUCTION AND REGRETS:**

- John Vere is away; Michele Caskey is unable to attend
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2. MINUTES OF SEPTEMBER 24TH:

AMENDMENTS TO THE MINUTES:

- Peter Regenbergs requested to add Roxul Report to the agenda to be included in the AQMP report.

Chris Moslin moved that the minutes of September 24th be adopted.

CARRIED

3. BUSINESS ARISING FROM THE MINUTES:

- Review of the AQMP – First part of the plan for action is the new works for Roxul
- Peter Regenbergs Roxul Report – Roxul's new emission equipment is up and running and all the tests have been done according to the Ministry. They have been working with Denmark on dealing with different weather conditions in the valley and the problem with the blue smoke in the valley. There is a draft proposal with dispersion modeling being put in place to try and deal with the problem. Mike Reiner spoke on the chemical process that happens when sulfur emissions mix with the ammonia and forms the blue smoke. Roxul is going to try to keep these emissions separate by putting the lower output in the small stack to try and remedy the situation to avoid the merge of the emissions mixing together to form this smoke. Meltor exhaust is not the major discharge – this is only 10% of the emissions. If this doesn't work, Roxul is prepared to change it back in case they receive odor complaints. It's hard to predict an "episode" day. Peter will send out the draft proposal to the BAQC for perusal.

MOTION: Chris Moslin/Cheryl Unger

Moved that Boundary Air Quality Committee receive the report from Roxul & Ministry of Environment regarding the continuous improvement to the Roxul Plant CARRIED

4. BUDGET STATEMENT TO THE END OF OCTOBER:

- BAQC Operating Statement included in package
 - Woodstove Exchange Program also included in today's package
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5. REPORTS:

- MET STATION ANALYSIS AND DISPERSION MODELING-BRYAN MCEWEN:
Met Data Report forms part of today's package. He stated he was primarily concerned with additional stations to formulate the MET data. He mentioned that he and Chris Moslin took a look at the Advance Orchard station – unfortunately the station clearly failed and recommend that this station can't be used. Both the City station and Roxul station are not as useful as they're situated on top of buildings and only yield wind direction of a various sector – not measured in degrees.

The Ministry of Forest station and the Airport Station are the only two suitable stations for the meteorological simulation information but both are near the eastern end of the valley. Information from both is fairly consistent except for Feb-Mar and October data. University of WA does weather modeling in the Northwest which covers the Grand Forks airshed as well. It gives the best articulation of upper air wind flow and the team can use this in combination with the Grand Forks' stations. The next step is basically the Cal-Puff part. Steve Sakiyama mentioned the confidence in the data is necessary to have a good simulation and questioned if the objectives of the work is going to be fulfilled by the available information. An acquisition of a 24 hour station for cloud and ceiling information – should also be available in the valley but isn't at this time.

Moslin asked McEwen & Sakiyama if the team has enough MET data available in order to proceed. Mr. Sakiyama stated that they can certainly run the model if there is enough data to substantiate. Zorn questioned with regards to a new station – how long would it set back the process? Sakiyama mentioned that you would need at least a year's worth of data and it should be located on the western side if we decided to go ahead with this. It would confirm the information that is already available.

Mike Reiner responded to Moslin's question regarding Interfor's dispersion modeling and stated that because of the lumber economy they have to either look at doing the actual improvements as opposed to the dispersion modeling. Bryan of SNC responded that they don't have the resources to include other individual input. Sakiyama mentioned that Interfor could go forward to continue the process in the modeling.

Moslin asked if the committee is still within the estimate of costs if can the team can still continue forward on modeling within the current quote. Bryan McEwen said yes it is within budget, but they can't include any other data from individual areas.

- Zorn questioned as Interfor isn't running if we needed to re-gather information should the industry be back up and running. Any industry's information could be available to the public through MoE permits that may be included in the MET data for dispersion modeling.
- Regenbergs suggested that we need to get the model with up to date data rather than 2007 data to get a good base line and is in favour of continuing with the modeling. Ballard also stated that if any other new industry would come into the community, they would use this data as their base line upon their commencement.
- McEwen stated that deliverables within the model outputs can be used to make future changes to it in answer to Regenbergs question with regard to future Bylaws such as a woodstove bylaw.

MOTION: MOSLIN/BOYER

"Moved that the Boundary Air Quality Committee instruct SNC Lavalin to proceed with the Dispersion Modeling"
CARRIED

- REPORT FROM THE WOOD BURNING APPLIANCE BYLAW SUBCOMMITTEE:

Chris Moslin outlined the draft bylaw and its components. From discussions, we need to have a more concrete definition of nuisance. Section 1.2 was suggested to include "immediate nuisance" and "as assessed by the officer". In Procedures and Penalties Section 4 it was discussed to change "The City" to "An Officer".

Choices – 1. Committee can send the bylaw as is with added comments or,
2. Inform Council that we're not ready (ask for more time)

Remove the word "complaint" in Section 4 and replace with "offence".

As suggested by Lynne Burch via email in package, Section 4 is a procedure and does not describe the offence. At 1:10 PM Lynne Burch joined the meeting to discuss the bylaw.

Committee had concern on the validity of complaints that may come in.

Lynne stated that she liked the visible plume entry that was present in the past bylaw. The City would need someone from Public Works or a Manager to determine the offences. She went on to say that the bylaw has to be careful on the statement as a threat to health – Staff does not have the expertise or training to determine the threats.

It was suggested to remove "threat to health".

Under "Nuisance" to include "a poorly operated or configured appliance" as any wood burning appliance will emit what is currently underlined.

Chris stated that he will rewrite a new version of the bylaw as recommended from the committee and will refer the bylaw back to Primary Committee on November 16th meeting.

MOTION: MOSLIN/ZORN

Moved that the bylaw as amended by the BAQC to be sent to Primary Committee of Council for presented on November 16th, 2009 Primary Committee Meeting.
CARRIED

6. UPDATES:

7. CORRESPONDENCE :

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8. NEW BUSINESS:

9. NEXT MEETING DATE AND TIME:

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10. QUESTIONS FROM THE PUBLIC:

11. ADJOURNMENT:

- 1:35 PM
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