

Final Minutes



Ambient Monitoring Strategic Planning Team Meeting #30

Date: Monday, December 17, 2007
Time: 9:30 – 4:00 pm
Place: Energy & Utilities Board Office, Calgary

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 CANADA

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In attendance:

Name	Organization
Brian Free	CASA
Bob Myrick	Alberta Environment
Ken Omotani	TransAlta Utilities
Ian Peace	RAPID
Chris Severson-Baker	Pembina Institute (by phone)
David Spink	Prairie Acid Rain Coalition
Merry Turtiak	Alberta Health and Wellness
James Vaughan	Alberta Energy and Utilities Board
Brian Wiens	Environment Canada
Mike Zemanek	Alberta Health and Wellness

Regrets:

Name	Organization
Michael Bisaga	Lakeland Industry and Community Assoc.
Findlay MacDermid	Residents for Accountability in Power Industry Development (RAPID)
David McCoy	CAPP/ Husky Oil
Bettina Mueller	Alberta Environment
Keith Murray	Alberta Forest Products Association
Mike Pawlicki	Lafarge Canada Inc.
Roxanne Pettipas	CAPP/ConocoPhillips Canada
Kevin Warren	Parkland Airshed Management Zone

Action Items:

Task	Who	When
9.2: Brian Free to load team information to the CASA website and provide the working group with access information.	Brian Free	When CASA website is ready.
27.3: Ian Peace to prepare a table of emissions sources and associated parameters that should be monitored.	Ian Peace	By next meeting
29.3: Circulate a copy of Kirk Andries presentation to the team.	Brian Free	ASAP
29.4: Revise the table in section 6.4 to include costs related to data management, quality control, administration, and equipment replacement.	Bob Myrick	By next meeting
29.5: Circulate the steps used to calculate costs to the team; Kevin and AENV staff will review the calculation methodology.	Bob Myrick, Kevin Warren	By next meeting
29.6: Draft basic principles that will help airsheds ensure sustainable funding and circulate to Bob M. and then to the team.	Brian Wiens	By next meeting
29.7: Draft a recommendation, including timelines, for a new	Kerra Chomlak,	By next

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Task	Who	When
funding formula to redistribute monitoring costs more equitably.	Brian Free	meeting
29.8: Test the idea of the GOA paying the full cost of expanding the monitoring network.	Bob Myrick	By next meeting
30.1: Check the CASA calendar and others will advise Brian whether the March 19 workshop date conflicts with any other major events.	Brian Free, all	ASAP
30.2: Write up the proposed funding principles with one example included.	Ken Omotani	By next meeting
30.3: Determine the cost of monitoring for each parameter.	Bob Myrick	By next meeting
30.3: Revise the pre-amble to the objectives in the <i>Vision, Principles, etc</i> topic summary.	Brian Free, Kim Sanderson	By next meeting
30.4 Add the relevant recommendations from the report to each topic summary.	Brian Free, Kim Sanderson	ASAP
30.5: Provide initial comments on topic summaries to Brian.	All	By next meeting.
30.6: Review part 2 – The Strategic Plan in the current draft report.	All	By next meeting.
30.7: Distribute the latest (Dec. 7) draft to the Team for reviewing purposes.	Brian Free	ASAP

Bob Myrick convened the meeting at 9:45 am. The team thanked the EUB for providing the meeting room and lunch.

1. Administration

Bob Myrick chaired the meeting.

a) Introductions

Those present introduced themselves.

b) Approve agenda and meeting purpose.

A discussion of funding was added as an item to follow Item 3 in the agenda.

It was also proposed that current Items 4 – recommendations, and Item 6 – topic summaries be discussed together.

With those changes, the meeting agenda and purpose were approved.

c) Approve minutes from Meeting 29, November 21, 2007

The minutes were approved.

d) Review Action Items from Meeting 29.

Task	Status
9.2: Brian Free to load team information to the CASA website and provide the working group with access information. • High priority.	Carry forward.
27.3: Ian Peace to prepare a table of emissions sources and	Carry forward.

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Task	Status
<p>associated parameters that should be monitored.</p> <ul style="list-style-type: none"> Some difficulty in interpreting the ChemInfo report. It was suggested that the NPRI be examined for information. 	
28.2: Brian Free to distribute the ChemInfo report on emissions forecasts to the AMSP team.	Done.
28.3: Bob Myrick to forward AENV lawyer's email to Brian for distribution to the Team.	Done.
<p>28.7: Brian Free to email the Terms of Reference for Dr. Cape's contract on the team.</p> <ul style="list-style-type: none"> Briefly discussed the objective in the ToR regarding the impact of air quality on health vs simple exposure. Health & Wellness is okay with the objective as it stands. 	Done.
29.1: Draft a recommendation and some context on amending EPEA to make it a legal requirement for AENV to monitor air quality.	Done.
29.2: Test the funding breakdown with airsheds to confirm that the current numbers are accurate.	Covered by 29.5.
<p>29.3: Circulate a copy of Kirk Andries presentation to the team.</p> <ul style="list-style-type: none"> Powerpoint file is too large. Suggested that a pdf version will work. 	Carry forward
<p>29.4: Revise the table in section 6.4 to include costs related to data management, quality control, administration, and equipment replacement.</p> <ul style="list-style-type: none"> The table has been revised, but needs to be reviewed by Kevin Warren. Assumes equipment is replaced every 10 years. Cost for information dissemination was added. Operational costs wehtn from the current \$3.6M to \$4.2M (+26%) Capital costs went from the current 5.6 M to \$6.2 M (+42%) Discussed the inclusion of replacement costs as a capital cost versus operational. Noted that federal gov't would include replacement cost as a capital cost. Noted that, generally, capital costs are borne by gov't and operational costs by industry. 	Carry forward.
29.5: Circulate the steps used to calculate costs to the team; Kevin and AENV staff will review the calculation methodology.	Carry forward.
<p>29.6: Draft basic principles that will help airsheds ensure sustainable funding and circulate to Bob M. and then to the team.</p> <ul style="list-style-type: none"> Has been prepared, but not circulated to team. 	Carry forward.
<p>29.7: Draft a recommendation, including timelines, for a new funding formula to redistribute monitoring costs more equitably.</p> <ul style="list-style-type: none"> See the topic summary about funding. Need to clearly state the recommendation. 	Carry forward.
<p>29.8: Test the idea of the GOA paying the full cost of expanding the monitoring network.</p> <ul style="list-style-type: none"> For the general idea, verbal feedback at AENV has been positive. However, a more robust formula should be offered for "official" sanction. 	Carry forward.
29.9: Prepare the topic summaries for use at the workshop.	Done.

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Task	Status
29.10: Poll the team for two possible dates for the next meeting: December 13 or December 17, likely in Calgary.	Done.
29.11: See if TransAlta has space on either of the possible meeting days; Dec 13, or 17..	Done.

2. Update on Cape contract.

- Bob reported that some data summaries had taken extra work to assemble and were not sent to Cape until early December. As a result, Dr. Cape has advised that he will provide his draft report by January 11, and not by Christmas.
- In view of this delay, it was proposed that the January 15 workshop should also be delayed to allow a review of his draft report and one iteration with Dr. Cape to address questions or gaps.
- Extensive discussion concerning the need to delay the workshop. In favour was a desire to have a more complete and polished plan to present to our stakeholders. A short delay would benefit the workshop in this regard. As well, getting approval by senior levels of gov't may take time and the March Board meeting, with a February deadline for the finished plan, would make this challenging.
- Against a proposed delay, was a desire to avoid unnecessary delay, since the expectation of the CASA Board was to receive the final plan at their March meeting. Dr. Cape's report is just one source of input and could be summarized for workshop participants. This project has taken much more time than expected and needs to wrap up very soon.
- Went around the table and had every member present state his/her position on a delay. A tentative schedule was prepared on a flip chart, working back from the June Board meeting.
- Following further discussion about this new timeline, the comfort level increased and all present agreed to a delay of the workshop. A potential date of March 19 was suggested.

Action Item: Brian Free will check the CASA calendar and others will advise Brian whether the March 19 date conflicts with any other major events.

Lunch

3. Report from Dec. 6 Board meeting

- Bettina Mueller presented an update to the CASA Board on December 6. Her presentation was well received.
- Board members were asked to be ready to consider our report at the March Board meeting.
- Brian read an excerpt from the Dec. 6 Board meeting draft Minutes. One Board member suggested we consider the Electricity Project Team's approach to a 5-year review.
- Other Board comments: have an interactive map for the public to click on stations to see data, compare data to current air quality index or air quality health index. Noted importance of government funding to cover areas in which there are no large emitters.

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4. Funding

Bob relayed some feedback he has received in AENV regarding funding the air monitoring system.

- Regarding the likelihood of AENV funding the initial cost of expanding the system, there has been no “push-back” against the idea. However, official support has not been confirmed.
- AENV would favour our team coming up with clear funding principles and a process for developing a funding formula.
- In a funding formula, all parameters should not be treated the same.

The team discussed different approaches to funding;

- One could look at each monitoring sub-program individually and determine funding for each.
- One could take each specific source/industrial plant and look at their emissions. They should contribute to local compliance monitoring, regional monitoring through airsheds, and also to the provincial system.
- One could look at toxic potential of different parameters, either via inhalation or bioaccumulation. This would require a highly complex approach to funding.
- The polluter-pay principle should be followed.
- Note that the cost of monitoring varies among parameters, e.g. VOC monitoring is more expensive than monitoring for acidifying emissions.
- In B.C., industry is charged based on approval limits for allowable emissions. Note that this may change to reflect *actual* emissions.
- Quebec sets different charges for different parameters.
- We should just establish a provincial funding formula. The airsheds already have their formulae established.
- To pay at the provincial scale, some sort of pollution tax could support a general fund. IT could be in the form of an approval fee or tax.
- For areas not covered by airshed zones, monitoring will be paid by provincial gov’t who will collect somehow from the multiple emitters.
- Summarizing the cost of monitoring:

Monitoring cost:

VOC
PM
SO _x
NO _x
<u>Other</u>
Sum = 100%

- It was noted that secondary formation of pollutants needs to be accounted for. For example, NO_x and particulates contribute to ozone formation, and we need to monitor for ozone. The cost of secondary pollution can be based on emissions of the contributing primary pollutants.

Action Item: Ken Omotani offered to write up the proposed funding principles with one example included.

Action Item: Bob Myrick will determine the cost of monitoring for each parameter.

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5. Reviewing the Topic Summaries

- Began to review the topic summary for the Vision, Principles, Goals and Objectives, but little time remained to complete the review.
- In discussing the objectives, members felt that the pre-amble should refer specifically to the collection of data to support these objectives.

Action Item: Brian will work with Kim Sanderson to revise the pre-amble to this topic summary.

Action Item: Brian will see that the relevant recommendations from the report will be added to each topic summary.

Action Item: All will provide initial comments on topic summaries to Brian.

- The team agreed to begin to review the current draft, one piece at a time. We've reviewed the Framework (Vision, goals, etc.) already so we'll start with the Strategic Plan

Action Item: Team members will review part 2 – The Strategic Plan in the current draft report by our next meeting on January 15.

- Brian Noted that Kim Sanderson has done some additional editing of the report and has produced a "December 7" draft.

Action Item: Brian will distribute the latest (Dec. 7) draft to the Team for reviewing purposes.

6. Next Meeting

The next meeting will be held on January 15 at the CASA office in Edmonton

The meeting adjourned at about 4:00 pm.