

Final Minutes



Ambient Monitoring Strategic Planning Team Meeting #35

Date: Monday March 3, 2008
Time: 9:30 am – 3:30 pm
Place: CASA Office, Edmonton

In attendance:

Name	Stakeholder group
Brian Free	CASA
Bob Myrick	Alberta Environment
Ian Peace	Residents for Appropriate Power Industry Development
Roxanne Pettipas	ConocoPhillips
David Spink	Prairie Acid Rain Coalition
Brian Wiens	Environment Canada

With regrets:

Name	Stakeholder group
Michael Bisaga	Lakeland Industry and Community Assoc.
David McCoy	Husky
Findlay MacDermid	RAPID
Bettina Mueller	Alberta Environment
Keith Murray	Alberta Forest Products
Ken Omotani	TransAlta
Chris Severson-Baker	Pembina Institute
James Vaughan	ERCB
Kevin Warren	Parkland Airshed Management Zone
Mike Zemanek	Alberta Health and Wellness

Action Items:

Action items	Who	Due Date
29.5: Revise steps used to calculate costs to include the extra costs of sampling in remote locations for the passive network.	Bob Myrick	March 3
31.2: Contact Carolyn Kolebaba, AAMD&C and Len Bracko, AUMA to ensure representatives can attend the workshop.	Brian Free	In progress
33.9: The co-chairs and other team members as appropriate will brief the new Deputy Minister about informing the minister about the AMSP and funding.	Bob Myrick, Roxanne Pettipas	April
34.3: Draft an email, to be sent by Roxanne and Bob, to co-chairs of other teams asking them to ensure at least one member of each team attends the upcoming workshop.	Brian Free	March 5

Action items	Who	Due Date
34.6: Draft a paragraph (or a table) to describe how each objective meets the goals of PP/CI and KCAC for incorporation into the topic summary.	Ian Peace	Feb. 28
35.1: Prepare an example of funding attribution for particulate matter monitoring.	Bob Myrick	March 7
35.2: Arrangements will be made for an airsheds dinner meeting following our March 19 workshop.	Brian Free	March 18
35.3: Incorporate section 8.4 of the November draft report into the Data Management topic summary.	Brian Wiens	March 7
35.4: Add a recommendation that a precipitation study be undertaken to determine quality control needs.	Brian Free	March 7
35.3: Revise and circulate the workshop agenda	Brian Free	March 7
35.6: Notify the team regarding the March 13 meeting.	Brian Free	March 4

Meeting began at 09:30am. Quorum was achieved. Bob Myrick chaired.

1) Administration

a. Approve agenda and meeting purpose

Bob reviewed the meeting purpose and the agenda. The agenda was approved.

b. Approve minutes from Meeting #34.

First reviewed the action items. Then the Minutes from Meeting #34 were approved with no changes.

c. Review action items from Meeting #33

Action items	Who	Status
29.5: Revise steps used to calculate costs to include the extra costs of sampling in remote locations for the passive network. <i>Linked to 34.1. Still underway. Need to estimate how much of the province is "remote".</i>	Bob Myrick	Carry forward.
31.2: Contact Carolyn Kolebaba, AAMD&C and Len Bracko, AUMA to ensure representatives can attend the workshop.	Brian Free	Carry forward.
33.6: Draft text on mobile monitoring and emergency response monitoring for the report and for the appropriate topic summary. <i>Team agreed that this is out-of-scope. Will explain in Introduction to report.</i>	Bob Myrick	Removed.

33.9: The co-chairs and other team members as appropriate will brief the new Deputy Minister about informing the minister about the AMSP and funding.	Bob Myrick, Roxanne Pettipas	April
34.1: Forward costs related to remote sampling to Bob Myrick.	David Spink	Done.
34.2: Draft a recommendation for teams developing CASA frameworks to consider air quality monitoring needs and provide direction to the Multi-stakeholder Implementation Committee.	David Spink	Done.
34.3: Draft an email, to be sent by Roxanne and Bob, to co-chairs of other teams asking them to ensure at least one member of each team attends the upcoming workshop.	Brian Free	Carry forward.
34.4: Advise Neil Cape that the reliability of precipitation monitoring to support the network won't be as good as it has been, and ask if his recommendation still stands.	Bob Myrick	Done.
34.5: Contact Dr. Cape about a teleconference for 8:00 am on March 3, with David, Ian, Bob and Brian Free on the call.	Bob Myrick	Done.
34.6: Draft a paragraph (or a table) to describe how each objective meets the goals of PP/CI and KCAC for incorporation into the topic summary. <i>Ian has produced most of this. Still considering how one objective fits.</i>	Ian Peace	Carry forward.
34.7: Draft a paragraph and a recommendation on visibility. <i>Visibility recommendation fits with the Background and Transboundary topics.</i>	Brian Wiens	Done.
34.8: Combine the three recommendations on transboundary monitoring into one recommendation.	Kim Sanderson	Done.
34.9: Draft a recommendation to add background monitoring upwind of large industrial complexes.	Kim Sanderson	Done.
34.10: Revisit the costs and number of passives required under a scenario with a larger grid, and will modify the topic summary to add a short description of the grid size.	Bob Myrick	Done.
34.11: Accept changes to the network topic summary, incorporate changes as they come in from others and make the changes assigned to her.	Kim Sanderson	Done.
34.12: Talk to Ahmed Idriss, AENV, to find out more about the CFO team's recommendation 3 on monitoring. <i>Ahmed suggests we not include a recommendation re CFOs. David pointed out that this monitoring is a sampling program, not long-term.</i>	Bob Myrick	Done.

34.13: E-mail the team immediately with notice of the next meeting.	Brian Free	Done.
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d) CASA Update

- Given at last week’s meeting. No additional report given.

2. Review of Topic Summaries not covered in Meeting #34.

2.1 Responsibilities

- Environment Canada may share more data in the future, but it is premature to mention in our report.
- Discussed where the recommendation about an emissions inventory should be featured... under Responsibilities? ...the Network? ... Funding?
- Question regarding industry’s role in information dissemination.
- Revisions were made to the Responsibilities document. Replaced funding by “stakeholders” with funding by “industry”, “airsheds” and in some cases, “Environment Canada”
- The topic summary is done, pending a decision re location of emissions inventory recommendation.

2.2 Funding

- Reviewed the funding principles. In Principle #7, replace word “rewarded” with “recognized”.
- Added that significant regulated and non-regulated pollution sources need to be identified.

Set topic summary aside and reviewed the *Funding Formula Approach (Feb 15)*.

- Agreed that Table 1, where costs for each pollutant is presented, should include all of the proposed stations (new and existing). As well, passive monitoring should be included.
- Noted that Table 6 columns of CAC emissions do not add to 100% because sectors emitting less than 1% are omitted.

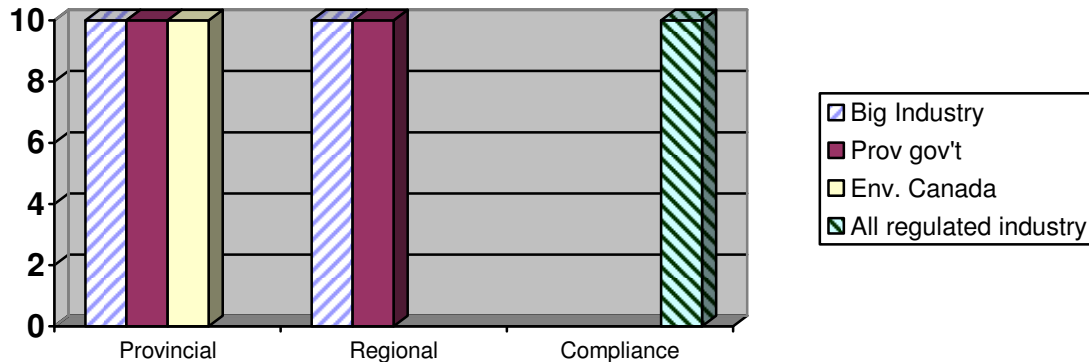
(Note from Project Manager: This funding formula approach needs to be incorporated into the Funding Topic Summary)

Action Item 35.1: Bob will prepare an example of funding attribution for particulate matter monitoring.

- Discussed how ambient monitoring for province-wide, regional airsheds and compliance purposes is funded.

Contributors to monitoring funding

(amounts not to scale)



- Discussed how to present an actual “formula”:
 $\text{Cost to funder} = [\text{cost per tonne for monitored parameter}] \times [\text{tonnes of emissions from funder}]$

Total cost (C) to funders i, ii, iii, etc. for monitoring parameters a, b, c, etc.

where C = total cost to funder

cpt = cost per tonne for parameter

T = tonnes of emissions of that parameter

$$C_i = \text{cpt}_a \times T_{ia} + \text{cpt}_b \times T_{ib} + \text{cpt}_c \times T_{ic} + \dots$$

$$C_{ii} = \text{cpt}_a \times T_{iia} + \text{cpt}_b \times T_{iib} + \text{cpt}_c \times T_{iic} + \dots$$

$$C_{iii} =$$

Lunch

- Clean Air Strategy team was also meeting at CASA, so we shared lunch.
- Myles Kitagawa asked that CASA make arrangements for a dinner meeting on March 19 at the Coast Terrace Inn. Three airsheds are meeting immediately after our workshop; Fort Air Partnership, Capital Airshed and West Central Airshed. Brian agreed to make these arrangements, but funding will not be provided by CASA.

Action 35.2: Brian Free will see that arrangements are made for an airsheds dinner meeting following our March 19 workshop.

Review of Topic Summaries (continued)

2.3 Data Management

- Add section 8.4 from November report draft into this topic summary.

Action 35.3: Brian Wiens will incorporate section 8.4 into the Data Management topic summary.

- Revised the topic summary on-line.
- Should refer to a generic data warehouse, not specifically limited to the CASA data warehouse. Adjusted recommendations to remove CASA data warehouse as the one-and-only database provider.
- Agreed that the MIC should conduct the survey of data user needs.

3. Confirm changes to other Topic Summaries

3.1 Vision, Goals, etc.

- Group the objectives under the headings; “What we monitor”, “How we monitor” and “What will be done with the data”. Ian provided Brian Free with a written list:
 - What we monitor? Objectives 1 and 5
 - How we monitor? Objectives 2, 4, 8, 9 and 11
 - What will be done with the data? Objectives 3, 6, 7 and 10.

3.2 Network Topic Summary

- The teleconference call held earlier today with Neil Cape’s colleague, Ron Smith, was discussed. The main topic was the uncertainty around the quality of precipitation data.
- Agreed that a temporary monitoring study will be needed to establish the needs around precipitation data. This is very important for wet deposition.

Action 35.4: Brian Free will add a recommendation that a precipitation study be undertaken to determine quality control needs.

3.3 System Management

- Not discussed.

4. March 19 Workshop

- Kerra will offer the welcome and opening remarks.
- Agreed that we should begin the workshop asking delegates what are their expectations for the day. Review this at the end of the workshop.
- Discussed the draft feedback form and made revisions.

Action 35.5: Brian Free will revise and circulate the workshop agenda.

5. Next Meeting

The next meeting, and last one before the workshop, will be a teleconference on March 13 in Calgary, with teleconference provisions.

Action 35.6: Brian Free will notify the team immediately regarding the March 13 meeting.

The meeting adjourned at 2:20 pm.