

Final Minutes



10035 108 ST NW FLR 10
EDMONTON AB T5J 3E1
CANADA

Ph (780) 427-9793
Fax (780) 422-3127
E-mail casa@casahome.org
Web www.casahome.org

Performance Measures Subcommittee Meeting #44

Date: Thursday, Nov. 22, 2007
Time: 1:30 to 2:30pm
Place: Teleconference call

In attendance:

Name	Organization
Brian Free	CASA
Mary Griffiths	The Pembina Institute
Bob Myrick	Alberta Environment
Ted Stoner	Canadian Petroleum Products Institute
Kerra Chomlak	CASA
Guests: Andrew Clayton	Alberta Environment
Regrets:	None!

Action Items

Task	Who	When
41.5 Calculations for the 2007 performance measures will be assembled for the Subcommittee's consideration.	Bob Myrick, Brian Free	Ongoing
41.6 The CASA Handbook will be updated, based on our experience with the calculations for 2007.	Brian Free	November
42.2: An explanation of the 2006 decline in PM 1c, the percentage of electricity from renewable sources, shall be obtained for the CASA performance measures report.	Brian Free	By next meeting
43.4: For Performance Measure 1, a write-up of the statistically significant trends will be provided.	Bob Myrick	By next meeting
43.5: Raymond Wong will be given the relevant section of the Performance Measures Methodology Handbook, so that he can add an explanation about his statistical analysis method.	Brian Free	ASAP
43.6: The final graphs of the air quality and emissions trends (PM1) will be prepared.	Brian Free	December
43.8: The calculation for the human health effects indicator will be checked against the Methodology Handbook.	Brian Free	By next meeting

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Task	Who	When
43.9: The co-chairs of teams reporting in 2003 will be contacted to initiate the rating of their substantive recommendations.	Brian Free	ASAP
43.10: The approach taken with past stakeholder surveys will be reviewed as we prepare to analyze the 2007 survey results.	Brian Free	ASAP
44.1: The annual average concentration for ozone will be checked for statistical significance.	Bob Myrick	By next meeting
44.2: Consistent scales will be used for graphs of each parameter.	Brian Free	By next meeting
44.3: An explanation of the influence of precipitation levels on acid deposition readings will be prepared.	Bob Myrick	By next meeting
44.4: An explanation will be sought for the lack of data on acid deposition from the Fort McMurray station after 2002.	Bob Myrick	By next meeting
44.5: A write-up for PM 1a regarding exceedances will be prepared	Bob Myrick	By next meeting
44.6: A write-up for PM 1b regarding emissions will be prepared	Bob Myrick	By next meeting
44.7: Change in Criteria Air Contaminants and mercury emissions from the electricity sector needs to be graphed.	Bob Myrick	By next meeting
44.8: Writer Carmen Rieder will be asked if she can assemble the 2007 Performance Measures report.	Brian Free	By next meeting

The meeting began at 10:35am

1. Introductions

Andrew Clayton joined the call, since he had worked on the ambient air quality graphs discussed under Agenda item 3.

2. Administration

a) Approval of agenda and meeting purpose.

- Agenda was approved as presented.

b) The Minutes from Meeting #43 were reviewed.

- The Subcommittee approved the Minutes as distributed

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c) The Action Items from the Meeting #43 Minutes were reviewed.

41.5: Calculations for the 2007 performance measures will be assembled for our next meeting.

Carry forward

41.6: The CASA Handbook will be updated, based on our experience with the calculations for 2007. **Carry forward**

42.2: An explanation of the 2006 decline in PM 1c, the percentage of electricity from renewable sources, will be obtained for the CASA performance measures report. **Carry forward**

43.1: The final Minutes from Meeting #42 will be revised and filed. **Done.**

43.2: The Subcommittee's report about Low Implementation Ratings for 2002 will be revised, as suggested by the Board at their Sept. meeting. **Done.**

43.3: Recommendations 7a and 13a will be revised, as agreed to at the Sept. Board meeting **Done.**

43.4: For Performance Measure 1, a write-up of the statistically significant trends will be provided. **Carry forward.**

43.5 Raymond Wong will be given the relevant section of the Performance Measures Methodology Handbook, so that he can add an explanation about his statistical analysis method. **Carry forward.**

43.6: The final graphs of the air quality and emissions trends (PM1) will be prepared. **Carry forward.**

43.7: The airsheds will be asked about their ecological monitoring to help finalize the value for PM 2. **Done.**

- Bob M. reported from the recent airsheds' conference;
 - The West Central Airshed may have ended its ecological monitoring*.
 - Wood Buffalo Env. Assoc. has extensive ecological monitoring
 - Peace Airshed Zone has none.
 - Palliser Airshed Society has none.
 - Lakeland Industry and Community Assoc has none
 - The Calgary and Edmonton airshed zones are just forming – no ecological monitoring.

**Project Manager's Note: After the meeting, Bob Scotten advised that the first monitoring study is complete, but data are still being collected from the monitoring plots, sampling alfalfa and observing Saskatoon plants, with the expectation that the data will be used for a follow-up study.*

43.8: The calculation for the human health effects indicator will be checked against the Methodology Handbook. **Carry forward.**

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43.9: The co-chairs of teams reporting in 2003 will be contacted to initiate the rating of their substantive recommendations. **Carry forward.**

43.10: The approach taken with past stakeholder surveys will be reviewed as we prepare to analyze the 2007 survey results. **Carry forward.** Kerra will ask Sharon H. re phone call reminders to the survey non-respondents.

43.11: The Subcommittee's work plan will be updated. **Carry forward.**

3. Review of Performance Measures 1a – ambient air quality

- Andrew described the results, using printouts of graphs as reference.
- A question was raised regarding the absence of an SO₂ graph for Redwater. Answer – Not enough years of data.

Action Item: Bob to check the annual average concentration for ozone for statistical significance.

- Ted observed that ozone is not reported at Steeper and High Tower stations after 2003. We agreed that these are important stations and should still be included, even without recent data.
- No apparent trends are evident for H₂S.
- Observed that different vertical scales were used for some parameters where two graphs were used to cover all stations e.g. the H₂S graphs. Comparisons of stations could be misinterpreted, so the same scale should be used.

Action Item: Consistent scales will be used for graphs of each parameter.

- For benzene, it was noted that Edmonton East has experienced increased readings. Improvements in automobile emission controls may have reduced values for the Calgary and Edmonton downtown stations.
- For wet acid deposition, it was noted that more rain increases the sulphate deposition. This needs to be better explained.

Action Item: An explanation of the influence of precipitation levels on acid deposition readings will be prepared.

- For acid deposition, the Fort McMurray station stopped reporting after 2002. Why?

Action Item: An explanation will be sought for the lack of data on acid deposition from the Fort McMurray station after 2002.

Action Item: A write-up for the exceedances graphs will be prepared.

Action Item: A write-up for the emissions graphs will be prepared.

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- Criteria Air Contaminants (CAC inventory) and mercury emissions (NPRI) are from the electricity sector.

Action Item: For PM 1b, change in Criteria Air Contaminants and mercury emissions from the electricity sector needs to be graphed.

4. Review calculations of 2007 performance measures #2 –Capability to measure air-quality effects

- Not discussed.

5. Review calculations of 2007 performance measures #3 – Implementation of Recommendations

- Not discussed.

6. Review calculations of 2007 performance measures #4 – Stakeholder satisfaction survey

- Not discussed.

7. Workplan

- No changes.

8. CASA Update

- Kerra suggested that Brian should investigate the potential to engage consultant Carmen Rieder to attend meetings and pull together the final report for 2007.

Action Item: Brian is to ask Carmen Rieder if she can assemble the 2007 Performance Measures report.

9. Next Meeting

- The next meeting will be on Wednesday, December 19 at 09:30am.
- The meeting adjourned at about 2:30pm.

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