

Final Minutes



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Performance Measures Subcommittee Meeting #43

Date: Wednesday, Oct. 17, 2007

Time: 10:30am to 2:30pm

Place: CASA Office, Edmonton

In attendance:

Name	Organization
Brian Free	CASA
Mary Griffiths	The Pembina Institute
Bob Myrick	Alberta Environment
Ted Stoner	Canadian Petroleum Products Institute
Guest: Raymond Wong	Alberta Environment
Regrets:	Kerra Chomlak, CASA Executive Director

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	By next meeting
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
43.1: The final Minutes from Meeting #42 will be revised and filed.	Brian Free	ASAP
43.2: The Subcommittee's report about Low Implementation Ratings for 2002 will be revised, as suggested by the Board at their Sept. meeting.	Brian Free	ASAP
43.3: Recommendations 7a and 13a will be revised, as agreed to at the Sept. Board meeting.	Brian Free	ASAP
43.4: For Performance Measure 1, a write-up of the statistically significant trends will be provided.	Bob Myrick	By next meeting

Task	Who	When
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
43.7: The airsheds will be asked about their ecological monitoring to help finalize the value for PM 2.	Brian Free	By Oct. 22 (Airsheds Conference)
43.8: The calculation for the human health effects indicator will be checked against the Methodology Handbook.	Brian Free	By next meeting
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
43.11: The Subcommittee's work plan will be updated.	Brian Free	By next meeting

The meeting began at 10:35am

1. Introductions

2. Administration

a) Approval of agenda and meeting purpose.

- Ted chaired the meeting. Agenda was approved as presented.
- Ted reported that he would be leaving at 11am for a brief conference call.

b) The Minutes from Meeting #42 were reviewed.

- The circulated Minutes included edits from Mary Griffiths.
- Later in the meeting, it was noted that under *Item 3. Review and approve the stakeholder survey...* that the survey question relating to communications between CASA teams is question #17, not #15.
- The Subcommittee approved the Minutes, with this change.
- Also noted that a suggested action mentioned in the Minutes was not formally listed as an Task;

- Item 4. re Performance Measure 2 – Brian was asked to confirm the indicator for ecological effects monitoring and determine the value for 2007. (*Note: This has been added as Task 43.6 from today's meeting.*)

Action Item 43.1: Brian will revise the final Minutes from Meeting #42 and have them filed.

c) The Action Items from the Meeting #42 Minutes were reviewed.

37.1 The Confined Feeding Operations team will be contacted to determine what they suggest as a performance indicator related to odour. **Done.**

- Brian has advised the Project Manager.

41.2 A letter from the Secretariat will be sent to Alberta Energy, requesting a status report on two recommendations from the Flaring & Venting Team. **Done.**

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

- Most were presented later in the meeting.

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

- Brian was asked to expedite this and do it in November.

3. Report from the September 6 Board meeting

- Distributed a handout with Ted's PowerPoint presentation to the Board and reviewed the draft Minutes from the Board meeting.
- The Board accepted the report on Further Evaluation of Low Implementation Ratings for 2002 Substantive Recommendations.
- Regarding low-rated Recommendation 2v of the Acidifying Emissions Management Implementation Team, a Board member reported that some further work on SO₂ and NO_x emissions forecasting system for the electricity sector has been undertaken. Thus the implementation of this recommendation should be higher.
- It was also suggested that Recommendation 3 of the Acidifying Emissions Management Framework should be regarded as complete.
- At today's meeting, the PM Subcommittee agreed to revise the ratings as suggested by the Board.

Task 43.2: Brian will revise the ratings in the Subcommittee's report about Low Implementation Ratings, as suggested by the Board.

- In presenting the Performance Measures Review report to the Board, Ted mentioned our intention to remove the hydrogen sulphide emissions from Recommendation 7a. As well, the

Board agreed that Recommendation 13a should be re-worded to include operational venting associated with coalbed methane.

- The Board accepted the final report and approved all 14 Recommendations, as amended.

Action Item 43.3: Brian will revise Recommendations 7a and 13a in the final version of the Performance Measures Review Report.

- The Subcommittee expressed its appreciation to Ted for presenting these two reports to the CASA Board.

4. Review of the calculations of 2007 Performance Measures #1a, b and c – air quality, emissions and energy use.

Performance Measures 1a and 1b

- Raymond Wong (AENV) presented graphs of ambient air quality from 1994 to 2006. It included annual averages (NO₂, SO₂, PM_{2.5}, O₃, H₂S, benzene, wet acid deposition), annual peaks (NO₂, SO₂, PM_{2.5}, O₃, H₂S, benzene), and percent compliance with ambient objectives (SO₂, H₂S, NO₂).
- Raymond described the results of his statistical analysis to reveal trends, significant at the 5% level. Raymond explained that he used the Mann-Kendall analysis modified to incorporate a trend-free, pre-whitening test. The modified test better handles missing data and is more robust. As well, AENV will be using this test for their trend analysis. Raymond and Bob answered many questions about the test.
- Raymond presented the trend analysis for dozens of monitoring stations. Significant trends in ambient levels and emissions were highlighted.
- Bob suggested that, for the significant trends, we also need to report the percentage change from 1994.

Task 43.4: Bob will ask Andrew Clayton to provide a write-up of the statistically significant trends, explaining why the parameter rose or fell and whether the trend was “practically” significant, and not just a statistical curiosity.

Task 43.5: Brian will provide Raymond with the relevant section of the Performance Measures Methodology Handbook, so that Raymond can add an explanation about his statistical analysis method.

Task 43.6: Brian will prepare the final graphs for our report from the information provided by AENV.

- Raymond was heartily thanked for his hard work in preparing this analysis.

Performance Measure 1c

- No new information. Brian will seek an explanation for the 2006 decline in the percentage of electricity from renewable sources, as per Action Item 42.2.

5. Review of the calculations of 2007 Performance Measures #2 – Capability to measure effects

Performance Measure 2 – Ambient air monitoring

- Bob presented two tables highlighting the monitoring stations in place in 1994 and 2007, compared to the network proposed in the 1995 Air Monitoring Strategic Plan. He also provided some text. Mary suggested some minor edits.
- In 1994, 31% of the network was in place; In 2007, 54% of the network was in place.
- For the 2007 Performance Measures report, some of the tables' footnotes will be incorporated into the text.

Performance Measure 2 – Ecological effects monitoring

- No new information. Mary suggested that the airsheds be contacted regarding their ecological monitoring. Bob will see what he can find out at the Airsheds Conference.

Task 43.7: Brian will check in the Methodology Handbook and calculate the value for this indicator. He will first send a request to the airsheds before the Airsheds Conference.

Performance Measure 2 – Human health effects monitoring

- No new information. This indicator was presented at the last meeting.

Task 43.8: Brian will check the calculation for this indicator against the Methodology Handbook before the next meeting.

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6. Performance Measure 3 - Implementation of Recommendations from 2003.

- Brian distributed a flow chart describing the steps to be taken in evaluating the implementation of 2003 recommendations.
- Brian presented the list of 2003 recommendations. Included with the list was the set of six criteria for narrowing the list and the definitions of Administrative, Operational and Substantive recommendations.
- Brian sought direction on whether to include Board decisions that were not included in reports from Project Teams. Bob suggested that the Minutes of the four Board meetings be reviewed for other decisions. Mary suggested that only recommendations from Project Teams should be considered.
- Brian presented the list of the 2003 recommendations and their classification, based the Subcommittee's assessment at the last meeting and his subsequent review.

- As we went through them, there was further discussion regarding what “substantive” means.
- For the Data Issues Group, Brian pointed out the tables of actions that are referred to in “Operational” recommendations, 3a-j. We agreed to evaluate the individual tasks in Table 1. “Prioritized Consensus Actions”. Concluded that all twenty-five actions are “substantive”.
- For all reporting teams, the Subcommittee asked Brian to contact the relevant co-chairs to initiate the evaluation process. Specific people to contact were offered.

Task 43.9: Brian is to contact the co-chairs and/or other key players and seek ratings for all of the substantive recommendations and tasks.

7. Performance Measure #4 – Stakeholder survey.

- Brian presented the latest results from the 2007 CASA Stakeholder Survey. He will confirm whether the survey is now closed.
- Began to review the questions related to our Performance Measure #4. Questions arose about the wording of the survey questions and the response categories that were offered. Brian brought out the 2004 survey and we noted that a 7-point satisfaction scale was used, and not a 5-point scale, as used in this year’s survey. This should be noted when drawing comparisons.
- The Subcommittee assumes that reporting “satisfied” respondents will include response levels 3, 4 and 5. Brian will check further with the Methodology Handbook and analysis of the last two surveys regarding the amalgamation of the response levels. He will also check the report to the Board regarding those surveys.

Action 43.10: Brian will review the approach taken with past surveys to determine the best way to analyze the 2007 survey results.

- Mary enquired whether her responses to the test version will be incorporated into the final analysis. She did not complete the final survey.

8. Subcommittee Work Plan

- The Subcommittee reviewed and adjusted the work plan.

Task 43.11: Brian will update the work plan.

9. CASA Update

- Kerra Chomlak is the new Executive Director. New Project Manager, Jennifer Allan, dropped in and met the Subcommittee.
- Another Project Manager will be hired for January 1. Ads will appear in the major Alberta newspapers later in October.
- Brian reviewed the activities of several CASA project teams.

10. Other business – None.

11. Next Meeting

- The next Subcommittee meeting will be on Thursday, November 22, at 10:00am
- The following meeting will be on Wednesday, December 19 at 09:30am. A special lunch will be enjoyed at a local restaurant.
- The meeting adjourned at about 2:30pm.