

Minutes



PM and Ozone Implementation Team, meeting #9

Date: Friday, December 12, 2008
Time: 10:00 am to 3:00 pm
Place: CASA Office, Large Boardroom

In attendance:

Name	Stakeholder group
Claude Chamberland	Canadian Petroleum Products Institute (CPPI) and CAPP
Bob Myrick	Alberta Environment
Myles Kitagawa	Toxics Watch Society
Darcy Walberg	Agrium
Findlay McDermid	Residents for Accountability in Power Industry Development
Pamela Aloisio	Alberta Environment
Linda Jabs	CASA
Karina Thomas	Alberta Health & Wellness
James Tweedie (by phone until noon)	Bert Riggall Environmental Foundation

Guests:

Erin Evans	Alberta Environment (CRAZ)
Andrew Clayton	Alberta Environment
Linda Harvey	City of Calgary (CRAZ)

With regrets:

Name	Stakeholder group
Rick Ciezki	City of Calgary
Kevin Warren	Parkland Airshed Management Zone
David Day	City of Calgary
Keith Murray	AFPA
Mike Pawlicki	Lafarge Canada
Krista Phillips	Canadian Association of Petroleum Producers
Shane Lamden	NOVA Chemicals

Claude Chamberland chaired the meeting, which convened at 10:10 a.m. Quorum was achieved.

Action Items:

Action items	Who	Due
8.3: Once the 2007 assessment has been completed and the fact sheet is updated (January 2009), Bob will circulate the 4-page fact sheet summarizing the 2001-2007 comprehensive report to the team.	Bob Myrick	Will be completed by Jan 2009
8.6: Bob will forward the revised Keeping Clean Areas Clean and Continuous Improvement document in the next few weeks and team members are to provide input.	Bob Myrick	Dec 31, 2008

Action items	Who	Due
9.1: Erin to send the draft plan to Linda for distribution to the team.	Linda Jabs Erin Evans	Jan 30, 2009
9.2: Linda to receive any questions on the presentation and forward them to Kevin for a response.	Linda Jabs	Jan 30, 2009
9.3: Linda will poll for dates for a meeting in late April or May 2009.	Linda Jabs	Feb 23, 2009

1) Administration

- a. Greetings and Introductions
 - Myles noted that James Tweedie was an original PM and Ozone team member in 1999.
- b. Approve meeting objectives and agenda
 - o Agenda approved by consensus.
- c. Review and approve minutes from meeting #8
 - o The minutes from meeting #8 (September 24, 2008) were approved by consensus.
- d. Review action items from Meeting #8:

Action items	Status
7.2: AENV will upload August 2004 data from PAMZ for the Caroline station to the CASA data warehouse. (Follow-up to Action Item 5.9)	ASAP
7.3: Circulate 4-page fact sheet summarizing the 2001-2007 comprehensive report to the team when it is available.	This is still on schedule for completion. This action Item will be merged with Action 8.3 going forward.
7.6: Attend public meetings on PM and Ozone Management Plans and report back to the team.	Done
7.14: Ask airshed managers about the possibility of bringing the draft management plans to a PM & Ozone meeting in December for the team to review.	Done
8.1 Linda to contact Brian Wiens to get an update on the smog science report	Done. Brian advises that this has gone to peer review.
8.2 Bob will send an e-mail update by October 10 as to whether or not AENV will be able to complete this task before December 2008 (See previous action item 7.1)	Done. Bob will check with AENV on the tools in the Marbeck report.
8.3: Once the 2007 assessment has been completed and the fact sheet is updated (January 2009), Bob will provide it to the team	This is merged with action item 7.3 and will go forward as Action Item 8.3.
8.4: Bob to update team on the progress of the air emissions inventory system.	Done. There is a contract pending for a consultant to harmonize the data sets for 2006. By the end of fiscal year 2009, AENV will try to identify gaps and areas for improvement. This

Action items	Status
	item is to be removed from the action items list and added as a routine agenda item as directed by Bob Myrick.
8.5: Linda to put the Chem Info Report onto the December CASA Board Agenda	Done. The Board was advised of the report location on the CASA website.
8.6: Bob will forward the revised document (Keeping Clean Areas Clean and Continuous Improvement) in the coming weeks and team members are to provide input.	Dec 31/08
8.7: Bob to contact Claude and brief him on what was discussed regarding the delay of the Framework and Guidance document review.	Done. Industry is in agreement regarding the delay. When an area has not exceeded a planning trigger, an exit mechanism should be developed and included for the plans.
8.8: Bob/Ian/Claude to co-present to the CASA Board at the December 9, 2008 meeting proposing that we initiate the review in the latter half of 2009 to allow for the Ozone Management Plans to be put into effect.	This was changed to a status report to the CASA Board on December 9, 2008.
8.9: Linda to put the PM & Ozone Management Framework on the December 9, 2008 CASA Board agenda.	Changed to a status report to the Board.
8.10: Bob to invite Lawrence to the meeting in Edmonton to provide an update on the Canada Wide Standards.	Future agenda item for 2009.
8.11: Myles will touch base with Robyn after the Edmonton Ozone Management Plan public meeting on Sept 25 to discuss how to proceed.	Done.
8.12: Linda will poll for dates for a meeting the first week of December, 2008.	Done.

2) AENV PM and Ozone Assessment Results 2005-07

- Andrew Clayton from Alberta Environment presented the PM and Ozone results to the team
- The Edmonton CMA includes the Genesee station
- Many stations were nearing the management plan trigger levels, so a return to warmer temperatures in a given year could see more plans requiring to be developed.
- The data will be finalized in the 2001 – 2007 report that is expected to be released in January, 2009, with the final report containing more detailed information in the charts.

3) Framework Implementation to Date

- Please see attached notes for updated information.
- Task 4 is to be removed from the status report as it is in the Framework and is an essential step.
- Task 7 is to be removed as it is ongoing work for AENV and they will issue assessment reports.

4) Update on PM & Ozone Management Plans

Alberta Capital Airshed Alliance:

- Myles Kitigawa provided an update for Draft #7 of the plan for the Alberta Capital Airshed Alliance (ACAA), which is acting as the lead for the partners which includes the Edmonton Census Metropolitan Area (ECMA), the Fort Air Partnership (FAP) and the West Central Airshed Society (WCAS).
- It is anticipated that the plan will be completed and delivered to Alberta Environment by the December 31, 2008 deadline.

Calgary Region Airshed Zone

- All the plans will be available to the public.
- Two stakeholder consultation events will be held in 2009 in order to provide the “science” for the plans.

Action Item 9.1: Erin to send the draft plan to Linda for distribution to the team.

Parkland Airshed Management Zone

- Kevin Warren was unable to be in attendance, so the PAMZ presentation was distributed to the team.

Action Item 9.2: Linda to receive any questions on the presentation and forward them to Kevin for a response.

- AENV will have to determine the level at which the Ozone Management Plans will be endorsed, with an anticipated release by the Deputy Minister in the spring.
- AENV will assist in determining the resources required to carry out all of the plans.
- AENV will also bring it to other relevant Government of Alberta departments.
- Stakeholders are to bring it to their various groups i.e. through airsheds for responses and consensus.

5) CASA Update

- Linda Jabs gave a brief overview of the progress of other relevant CASA project teams, including the Ambient Monitoring Strategic Plan, the Clean Air Strategy, Flaring and Venting, Indoor Air Quality, Martha Legacy Workshop, Operations Steering Committee and the Electricity Framework Review.

6) Any Other Business

- There is no NGO participation on the Operations Steering Committee due to the technical nature of the team. The Multi-Stakeholder Implementation Committee is perceived to be the go forward for the OSC once the Ambient Monitoring Strategic Plan has been adopted.
- With respect to the Clean Air Strategy, it should look at the role of airsheds and the future of air quality management over the next 20 years.
- There is airshed council representation on the CAS team through Alan Mumby.
- Should also consider managing air quality, including ozone management plans, on a regional basis similar to the regions set out in the *Land Use Framework* versus monitoring in a regional airshed and providing quality data to inform the public on air quality issues.

7) Next meeting date(s)

Action Item 9.3: Linda will poll for dates for a meeting in late April or May 2009.

Agenda Items for next meeting

- Plan for conducting the Framework Review.

- The meeting was adjourned at 2:15.

Status of Recommendations in the PM & Ozone Management Framework that have not yet been fully implemented

Updated after Meeting #9, December 12, 2008
PM & Ozone Implementation Team

1.	Management Framework Recommendations
	<i>Actions under the framework</i>
<i>Status</i>	<p>TASK 4 <i>Alberta Environment to back out background, natural and trans-boundary PM_{2.5} and O₃ for episodes that exceeded the trigger levels.</i></p> <ul style="list-style-type: none"> • <i>Assess days/episodes with ambient concentrations of PM_{2.5} and O₃ that were higher than the Canada-Wide Standards (CWS) exceedance levels. Complete for the 2001-2003 assessment.</i> • <i>Apply simplified procedures to assess days/episodes with ambient concentrations of PM_{2.5} and O₃ that were higher than the CASA planning and surveillance triggers. Complete for the 2001-2003 assessment.</i> <p>February 2007 Update: THIS TASK HAS BEEN COMPLETED FOR THE 2002-2004 ASSESSMENT AND IS STILL UNDERWAY FOR THE 2003-2005 ASSESSMENT.</p> <p>Oct 2007 Update: <u>Completed up to and including the 2004-06 assessment</u></p> <p>May 2008: Assessed annually. 2006 assessment is complete. 2007 assessment is underway.</p> <p>September 2008: Present draft results for ozone for 2007 to be completed by the end of 2008.</p> <p>December 2008: <u>This will become an ongoing action item and will be removed from this list. It is in the Framework and is an essential step.</u></p>
<i>Status</i>	<p>TASK 7 <i>Alberta Environment to produce an annual PM_{2.5} and O₃ assessment report.</i></p> <p>February 2007 Update: THIS TASK HAS BEEN COMPLETED FOR THE 2001-2003 ASSESSMENT AND SHOULD BE COMPLETED FOR THE 2002-2004 REPORT BY THE END OF FEBRUARY.</p> <p>Oct 2007 Update: <u>Completed for 2001 to 2006.</u></p> <p>May 2008: Assessed annually. 2006 assessment is complete. 2007 assessment is underway.</p> <p>September 2008: <u>The team agreed that this task should be taken off the list of “Recommendations not Completed” and moved to the agenda as an ongoing agenda item.</u></p> <p>December 2008: <u>This will be removed from the list and become an ongoing action item. This is ongoing work for AENV and they will issue assessment reports.</u></p>
1.c.	<p>Management Framework Review</p> <p>It is recommended that the PM & Ozone Management Framework, including the process for annual analysis of ambient data, simplified mechanisms, and trigger levels, be reviewed by Alberta Environment after three years of practical application and implementation experience, and in conjunction with or immediately following the review of the Canada</p>

	Wide Standard in 2006. This review should involve interested stakeholders and members of the public.
Status	<p><u>February 2007 Update:</u> THE REVIEW HAS NOT YET BEEN INITIATED. AENV WILL LIKELY PLACE PRIORITY ON THE DEVELOPMENT OF THE MANAGEMENT PLANS FOR AFFECTED AREAS, RATHER THAN ON THIS REVIEW. IN THE MEAN TIME, AENV HAS BEEN KEEPING A RECORD OF TECHNICAL ISSUES THAT SHOULD BE CONSIDERED IN THE REVIEW. ONE OPTION FOR THE REVIEW WOULD BE TO FOLLOW THE SAME PROCESS USED FOR THE RECENTLY COMPLETED REVIEW OF THE FRAMEWORK FOR ACID DEPOSITION.</p> <p><u>Oct 2007 Update: No new information.</u></p> <p><u>May 2008: To be undertaken in 2009.</u></p> <ul style="list-style-type: none"> ▪ Note: The Canada Wide Standards (CWS) were reviewed and it was decided that there will be no changes until 2010. Since we are reviewing the Management Framework in 2009, the new 2010 CWS might affect parts of the Framework after our review. However, we will be able to include the new CWS in our 2011 review. The 2009 review can focus on Alberta specific items. <p><u>September 2008: The assessment is underway and draft Ozone information is due at the end of 2008.</u></p> <p><u>December 2008: This assessment will be part of the Ozone Management Framework Review which has been delayed to late 2009/2010.</u></p>
7.	<p>Monitoring The CASA PM & Ozone Project Team recommends to the Operations Steering Committee that the monitoring system for Alberta be reviewed and evaluated to determine whether changes are required to meet the needs of the proposed PM & Ozone Management Framework for Alberta.</p>
Status	<p><i>In response to concerns raised regarding the collection of particulate matter and ozone ambient air quality data, the CASA Operations Steering Committee put forward a statement of opportunity for the formation of an Ambient Monitoring Strategic Planning Project Team with the task of reviewing and updating the 1995 Strategic Plan for the monitoring of Alberta's ambient air. The project team has started their work and has defined the PM&O3 Framework as a priority. The results from the 2001-2003 PM and O₃ assessment will be provided as information to the team for consideration of improvements to the strategic plan. The CASA team will consider improved strategic monitoring in areas that exceeded the CWS exceedance trigger. The CASA team will also evaluate monitoring for PM and O₃ in areas of the province that exceeded planning and surveillance triggers.</i></p> <p><i>A CASA project team is looking at an ambient monitoring strategic plan (AMSP) for Alberta and the team is aware of the outcome of the PM and O₃ assessment. CASA frameworks are important considerations in the AMSP update, but the locations for monitoring have not yet been discussed. The PM and O₃ assessments will be one criterion for deciding where monitoring will be done.</i></p> <p><i>The AMSP Team expects to have a draft plan by December, 2006 and may hold another</i></p>

	<p><i>workshop for further stakeholder review.</i></p> <p><u>February 2007 Update:</u> The AMSP project team continues to work on a draft strategy.</p> <p><u>Oct 2007 Update:</u> The draft strategy is still underway.</p> <p><u>May 2008:</u> No change in status.</p> <p><u>September 2008:</u> No change in status.</p> <p><u>December 2008:</u> PM and Ozone highlighted for implementation subprogram of the AMSP, which has been designated as a high priority component. This will be a future agenda item to have someone speak to it.</p>
8.	<p>Alberta Guidance Document</p> <p>c) Future Reviews</p> <p>It is recommended that the <i>Guidance Document for the Management of Fine Particulates and Ozone in Alberta</i> be reviewed and updated in conjunction with the review of the PM & Ozone Management Framework in 2006/07. Alberta Environment shall coordinate the review and involve interested stakeholders.</p>
Status	<p><i>Alberta Environment will coordinate a review of the guidance document in 2006/07 in conjunction with the review of the framework.</i></p> <p><u>February 2007 Update:</u> THE REVIEWS OF THE MANAGEMENT FRAMEWORK AND GUIDANCE DOCUMENT HAVE NOT YET BEEN INITIATED.</p> <p><u>Oct 2007 Update:</u> The review will likely occur in 2009.</p> <p><u>May 2008:</u> To be undertaken in 2009.</p>
10	Science and Analysis Recommendations
10.d.	<p>It is recommended that the Operations Steering Committee be asked to investigate the usefulness of and the need for ambient PAN (peroxyacetyl nitrate) and additional ambient VOC monitoring in Alberta as part of its review of the ambient monitoring network.</p>
Status	<p><i>The CASA Ambient Monitoring Strategic Planning Team is considering additional monitoring for chemicals that are precursors and components of photochemical smog such as PAN and VOCs. The team is considering that emphasis for additional monitoring of these chemicals could be placed on areas of the province with PM_{2.5} or O₃ levels that were higher than the CWS exceedance trigger based on the 2001-2003 assessment. This will involve consideration of additional monitoring upwind and downwind of exceedance areas during photochemical smog events. Results from this type of monitoring would assist in future annual PM and O₃ assessments while also providing information that can be used to identify sources and to take the appropriate actions in exceedances areas.</i></p> <p><u>February 2007 Update:</u> THE OPERATIONS STEERING COMMITTEE IS PROVIDING INPUT TO THE STRATEGIC PLANNING TEAM REGARDING THE NEED TO MONITOR THESE CONTAMINANTS.</p> <p><u>Oct 2007 Update:</u> This issue is included in the draft Ambient Monitoring Strategic Plan.</p>

	<p><u>MAY 2008: Ambient Monitoring Strategic Plan includes recommendations to monitor PM and VOCs. Action will be taken once the Strategic Plan is approved by the Board.</u></p> <p><u>September 2008: No change in status.</u></p> <p><u>December 2008: No change in status.</u></p>
	<p>Other Reporting Requirements (From: Guidance Document for the Management of Fine PM and O3 in Alberta (2003))</p>
G 10.1	<p>a) Provide a 1-2 page written report to CASA, airshed zones on the PM2.5 and O3 analysis annually.</p> <p>b) Provide a non-technical version of this document for the public.</p> <p>c) Provide a separate 1-2 page written report on activities and programs that relate to CI and KCAC. These activities and programs may include, but are not limited to modeling, monitoring network expansion analyses, pollution prevention activities, emission minimization, emission reduction, new guidelines, codes of practice and research.</p>
Status	<p>NOT COMPLETE:</p> <p><i>A draft report for the 2002-2004 assessment was provided. The report needs to be finalized. Not completed were the public report, and update on Continuous Improvement and Keeping Clean Areas Clean.</i></p> <p><i>Not completed are any of the reports for the 2002-2004 assessments.</i></p> <p><i>Three reports are needed as per the action.</i></p> <p><i>A short draft went to the CASA board in 2005; it will be updated and finalized in the next couple of months and released through AENV's process by the end of the summer.</i></p> <p><i>The implementer for the third report on Continuous Improvement & Keeping Clean Areas Clean is not clear and this report has not been addressed at all.</i></p> <p>Action Item 5.3 AENV to follow up on this 2-page progress report on Continuous Improvement & Keeping Clean Areas Clean.</p> <p><u>Oct 2007 Update: Expected by this Team's next meeting.</u></p> <p><u>May 2008: No new information.</u></p> <p><u>September 2008: a) and b) are on-going items and the team will be updated annually.</u> <u>For the Continuous Improvement Report, Bob Myrick presented a draft document for the team's consideration (see discussion in minutes).</u></p> <p><u>December 2008: Circulated with the draft of these minutes.</u></p>
G 10.2	<p>Provide an annual report on Achievement of the CWS by each jurisdiction in a standardized "report card" format. The format to be developed and agreed to by all jurisdictions, and provided to Ministers and the public by 30 September of each year, beginning in 2011.</p>

Status	<p>NOT COMPLETE</p> <p><i>The format will be part of the 06 Canada-Wide Standards comprehensive report. The CWS report is a CCME requirement.</i></p> <p><u>February 2007 Update: No new info.</u></p> <p><u>Oct 2007 Update: No new information</u></p> <p><u>May 2008 Update: No new information</u></p> <p><u>September 2008: No change – only starts in 2011.</u></p> <p><u>December 2008: No change in status.</u></p>
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