

Minutes



PM and Ozone Implementation Team, meeting #10

Date: Wednesday, May 20, 2009
Time: 10:00 am to 3:00 pm
Place: CAPP Office, #2100, 350-7th Avenue S.W., Calgary

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 (by phone until noon)	Agrium
Ian Peace	Residents for Accountability in Power Industry Development
Beth Michener	EPCOR
Linda Harvey	City of Calgary
Kevin Warren (by phone in afternoon)	Parkland Airshed Management Zone
James Tweedie	Bert Riggall Environmental Foundation
Denis Stefani	Alberta Health Services (Calgary and area)
Linda Jabs	CASA

Guests:

Crystal Parrell (by phone until noon)	Alberta Environment
Andrew Clayton (by phone until noon)	Alberta Environment

With regrets:

Name	Stakeholder group
Rick Ciezki	City of Calgary
Karina Thomas	Alberta Health & Wellness
David Day	City of Calgary
Keith Murray	AFPA
Mike Pawlicki	Lafarge Canada
Krista Phillips	Canadian Association of Petroleum Producers
Shane Lamden	NOVA Chemicals

Bob Myrick chaired the meeting, which convened at 10:12 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.	Crystal Parrell	June 15, 2009
9.1: Erin to send the draft plan to Linda for distribution to the team.	Linda Jabs Erin Evans	June 30, 2009
10.1: Dennis Stefani to check on the wording regarding "backing out" under the CWS and report his findings to Linda for distribution to the team.	Dennis Stefani Linda Jabs	June 15, 2009
10.2: Myles, Linda Harvey and Kevin are to send the final Ozone Management Plans to Linda for distribution to the team. They are to be clearly marked "not for distribution".	Myles Kitigawa Linda Harvey Kevin Warren Linda Jabs	June 29, 2009
10.3: PM and Ozone team is to itemize areas for improvement and bring it back to the team for review and comment.	Team	Sept 15/09
10.4: Team members are to provide Linda with the names of technical stakeholders to be invited to the September meeting.	Team	Sept 15/09
10.5: Linda to draft a Status Report for the CASA Board on the change in the scope of the Framework Review to be included at the next CASA Board meeting on June 24, 2009. Team members to review and comment by Tuesday, May 26, 2009.	Linda Jabs Team	May 26/09`
10.6: Linda will poll for dates for a meeting in September 2009.	Linda Jabs	June 15, 2009

1) Administration

- a. Greetings and Introductions
- b. Approve meeting objectives and agenda
 - o Additions were made to the agenda approved by consensus.
- c. Review and approve minutes from meeting #9
 - o The minutes from meeting #9 (December 12, 2008) were approved by consensus.
- d. Review action items from Meeting #9:

Action items	Status
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.	The draft version is available and it is ready for release in the coming weeks.
8.6: Bob will forward the revised Keeping Clean Areas Clean and	Crystal Parrell will provide this

Action items	Status
Continuous Improvement document, which is a summary for the Province, in the next few weeks and team members are to provide input.	by June 15, 2009.
9.1: Erin to send the draft Calgary plan to Linda for distribution to the team.	June 30, 2009
9.2: Linda to receive any questions on the presentation and forward them to Kevin for a response.	Done. No questions were asked.
9.3: Linda will poll for dates for a meeting in late April or May 2009.	Done.

2) Update on PM & Ozone Management Plans

The team spent some time discussing backing out natural and transboundary causes as defined in the CWS.

Action Item 10.1: Dennis Stefani to check on the wording regarding “backing out” under the CWS and report his findings to Linda for distribution to the team.

Action Item 10.2: Myles, Linda Harvey and Kevin are to send the final Ozone Management Plans to Linda for distribution to the team. They are to be clearly marked “not for distribution”.

Bob Myrick provided an update on the Ozone Management Plans from the Alberta Environment (AENV) perspective.

- All of the management plans were received on or before December 31, 2008.
- Both the Minister and the Deputy Minister were impressed by the quality of the management plans, particularly in light of the fact that they were voluntary. Both have also stated that they are committed to assisting the airsheds with implementation.
- An analysis of each management plan was shared with the airsheds at a meeting held with AENV on April 29. There were no showstoppers in the plans and only minor tweaking was recommended.
- The final plans are being produced.
- AENV has committed to some funding for implementing the plans over this fiscal year. The airsheds have been requested to submit proposals on how they are going to implement the plans.
- AENV expressed that they want to work more collaboratively with the airsheds and they understood the concerns/sensitivities on what is in the plans with respect to the nature and timing for release of the plans.
- While AENV has intellectual ownership of the plans, they believe that the airsheds need to take ownership of the plans and should be determining when they are to be released. The airshed members advised that they would feel more comfortable if they received a letter from AENV and/or the Deputy Minister approving the plans for release.

Calgary Region Airshed Zone:

- They have completed the final draft and it should be posted to their website soon.
- There is an issue of accountability and who is ultimately responsible for the plan – it is more of a governance issue. The Land Use Framework may provide some answers or have some impact.

- They would like to see more certainty around the legislative backstops, accountability, funding and resources.
- There is a lack of clarity around the role of CRAZ – manage air quality vs. monitoring.
- They are considering the potential for implementing membership fees pending development and implementation of a funding formula.

Alberta Capital Airshed Alliance:

- The Capital Airshed Partnership (CAP) (ACAA, WCAS and FAP) is not incorporated and will act as the watchdog for the Plan.
- Nadine, Melanie and Kristina have been working on an implementation plan.

Parkland Airshed Management Zone:

- PAMZ was not represented at the meeting, therefore no update was provided.

3) Update on Preliminary 2008 PM and Ozone Assessment

- Andrew Clayton and Crystal Parrell from Alberta Environment presented the preliminary Ozone assessment results to the team.
- A chart was provided showing the draft PM and Ozone results from 2001 to 2008.
- The 2006-08 results are below the surveillance trigger, prior to any analysis and backing out.
- In areas where the CWS was exceeded for ozone, once the natural and transboundary sources were eliminated, it falls below the CWS.
- The Edmonton CMA is below 65 ppb mandated under the CWS. The Tomahawk station drives the value for the Edmonton CMA.
- There are no stations outside the City of Calgary and they are aware that not having upwind and downwind stations creates a gap.

4) Framework Implementation to Date

- Please see attached notes for updated information.
- Task G10.1 (a) and (b) are on-going items and will be removed from the list after this meeting.

5) PM and Ozone Management Framework Review and Guidance Document

- Bob advised that he will need to go back and seek direction from the AENV Executive with respect to completing the review. The review could be conducted through a CASA consensus process or an AENV led process.
- If it is a CASA process, then the review could be conducted in a similar manner to the Electricity Framework Review (EFR), with a Statement of Opportunity, as the Secretariat has the resources and records for those who would like to be part of the review.
- There is a limited historical perspective if the review were to be completed through an Airshed Workshop review. Airsheds are responsible under the Framework and would, therefore, be in a better position to offer constructive comments.
- The current PM and Ozone team could continue on as the review team, which may require some changes to the existing Terms of Reference in order to carry it out.
- There could be a workshop to involve more stakeholders in the whole process. This would also bring new eyes and perspectives to the table.

- There is support for a CASA-type approach as there are multi-stakeholders around the table. There is some caution to this approach as many industry stakeholders are already involved with many of the AENV policies and teams.
- The team must be cognizant of duplicating work already being done as well as efficient use of resources.
- The CASA process traditionally has the full range of policy players in the room, which would lead to an efficient and effective review (economies of time and resources.)
- The PM and Ozone Framework should be reviewed in conjunction with other policies that are currently under development i.e. Cumulative Effectives Management (CEMA), Land Use Framework (LUF) Industrial Heartland and the Clean Air Strategy (CAS). This would lead to a more meaningful review in a larger context and the review would not potentially be done in isolation of these other policies.
- This would allow an expanded review to be conducted that includes other frameworks that deal with pre-cursor emissions.
- It is also important to have experience with the Ozone Management Plan implementation prior to conducting a review.
- The issue becomes one of timing as the plans are being released at the same time as a review to make improvements is being done. It may be more beneficial to wait and see how well the airsheds do on implementing the PM and Ozone plans. Until the short-term actions are completed, it may not be appropriate to do a review.
- There is also a federal science review on PM and Ozone still coming and it is expected sometime in 2010.
- Rather than do a full review at this time, it may be more beneficial to conduct a review of the more technical procedures and modelling.
- The Management Framework contains the calculation methodologies for transboundary, natural influence and background sources and it could be more prudent to do a narrower review of what is in the framework and guidance documents.
- The modelling is intended for airsheds to determine the strategy to implement. This would enable more accurate data to be used to improve the management plans.
- The technical review could be expanded to include other stakeholders. Should there be some joint research methodology through an independent review?
- There is trust in AENV technical staff, with participation from Environment Canada and the Guidance Document on Achievement Determination (GDAD).
- The team agreed that there should be a technical review prior to the next assessment in the second half of 2009.

Action Item 10.3: PM and Ozone team is to itemize areas for improvement and bring it back to the team for review and comment.

Action Item 10.4: Team members are to provide Linda with the names of technical stakeholders to be invited to the September meeting.

The team agreed that a full review of the framework should not be conducted at the present time as the review should be done in the context of the other policies. A workshop on policies and connections as a CASA wide initiative could be done similar to the Coordination Workshop or even in conjunction with the Coordination Workshop.

Action Item 10.5: Linda to draft a Status Report for the CASA Board on the change in the scope of the Framework Review to be included at the next CASA Board meeting on June 24, 2009. Team members to review and comment by Tuesday, May 26, 2009.

6) 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.

7) Any Other Business

- There was no new business brought forward at this meeting.

8) Next meeting date(s)

Action Item 10.3: Linda will poll for dates for a meeting in September 2009.

The meeting was adjourned at 2.30.

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>
1.c.	<p>Management Framework Review 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 Wide Standard in 2006. This review should involve interested stakeholders and members of the public.</p>
<i>Status</i>	<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> <p><u>May 20, 2009: No change in status.</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	<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</i>

	<p><i>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 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> <p><u>May 20, 2009:</u> Improvements to ozone monitoring is a component of the Ozone Management Plans submitted by the 3 airsheds.</p> <p><u>The Ambient Monitoring Strategic Plan Project Team has been working for several years on an enhanced Ambient Monitoring Strategic Plan for the Province of Alberta. There are currently three items of non-consensus, namely: the implementation timeframe, the certainty of funding for an expanded network and application of the funding formula. At the March 23 Board meeting, AENV agreed to report back on their short and long term funding capabilities and priorities with respect to the AMSP.</u></p> <p><u>Alberta Environment was to address the issues related to funding the proposed AMSP with the following steps:</u></p> <ul style="list-style-type: none"> (a) <u>Alberta Environment will review its priorities and the flexibility in its budget to fund some of the priorities in the short-term.</u> (b) <u>Alberta Environment will commit to take reasonable action to develop a mechanism (or options) for more robust long-term funding, including how to address the industry "free rider" problem, and to subsequently champion this mechanism with the GOA.</u> (c) <u>AENV will report back to the CASA Board in June on a potential short-term plan and share some preliminary thinking with respect to longer term options.</u>
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>May 2008: To be undertaken in 2009.</p> <p><u>May 20, 2009:</u> This will be undertaken at the same times as the CASA Framework Review in late 2009/2010.</p>
10	Science and Analysis Recommendations
10.d.	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.
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:</u> Ambient Monitoring Strategic Plan includes recommendations to monitor PM and VOCs. Action will be taken once the Strategic Plan is approved by the Board.</p> <p><u>September 2008:</u> No change in status.</p> <p><u>December 2008:</u> No change in status.</p> <p><u>May 20, 2009:</u> Please see response in #7 above. This is part of the Ozone Monitoring sub-program of the AMSP.</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 PM_{2.5} 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</p>

	<p>minimization, emission reduction, new guidelines, codes of practice and research.</p>
Status	<p>NOT COMPLETE: <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> <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> <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. 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> <p><u>May 20, 2009: Items (a) and (b) are ongoing items and can be dealt with as necessary at future meetings. They will be removed from this list going forward.</u> <u>Item (c): There is a draft version being worked on and the final should be completed in the next few weeks, even as early as mid-June.</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 <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> <p><u>May 20, 2009: No change in status.</u></p>