

Minutes



PM and Ozone Implementation Team, meeting #7

Date: Wednesday, May14, 2008

Time: 10:00 am to 3:30 pm

Place: CASA, 10th floor, 10035 108 Street, Edmonton

In attendance:

Name	Stakeholder group
Rob Shymanski	City of Calgary
Claude Chamberland	Canadian Petroleum Products Institute (CPPI) and CAPP
Bob Myrick	Alberta Environment
Dave Slubik	EPCOR
Karina Thomas	Alberta Health & Wellness
Ian Peace	Residents for Accountability in Power Industry Development
Kerra Chomlak	CASA
Robyn Jacobsen	CASA

With regrets:

Name	Stakeholder group
Stan Nowakowski	City of Calgary
Alan Brownlee	City of Edmonton
Darcy Walberg	Agrium
David Day	City of Calgary
Dennis Stefani	Calgary Health Region
John Squarek	CAPP
Keith Murray	AFPA
Kevin Warren	Parkland Airshed Management Zone
Mike Pawlicki	Lafarge Canada
Myles Kitagawa	Toxics Watch Society
Shane Lamden	NOVA Chemicals

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

Action Items:

Action items	Who	Due
6.2: Find the proper contact person for the David Thompson Regional Health Authority and provide it to Kevin Warren.	Dennis Stefani	Next meeting.
6.6: Find out more about consultation regarding the smog science report and provide details.	Rachel Mintz	Next meeting.
6.7: Follow the progress of the Task Force on Hemispheric Transport of Air Pollutants and provide an update to the team.	Myles Kitagawa	Update at next meeting.
7.1: Circulate the best practices manual developed by Marbeck and AMEC to the team.	Bob Myrick	Before next meeting
7.2: AENV will upload August 2004 data from PAMZ to the CASA data warehouse. (Follow-up to Action Item 5.9)	Bob Myrick	ASAP

Action items	Who	Due
7.3: Circulate 4-page fact sheet summarizing the 2001-2006 comprehensive report to the team when it is available.	Bob Myrick	ASAP
7.4: Investigate where to post Pm & Ozone documents on the CASA website.	Robyn Jacobsen	Update at next meeting.
7.5: Ensure regional representatives from AENV attend management plan meetings to assist in determining appropriate policy tools.	Bob Myrick	Update at next meeting
7.6: Attend public meetings on PM and Ozone Management Plans and report back to the team. (Claude – Calgary; Kerra – Edmonton).	All team members	Update at next meeting
7.7: Talk to the Airshed managers at May 23 meeting about what kind of support they would like from AENV and the PM & Ozone Team.	Bob Myrick	Update at next meeting
7.8: Update Myles Kitigawa and Kevin Warren on discussion about the support that can be provided by the PM & Ozone Team.	Ian Peace	Before next meeting
7.9: Talk to CASA Board representative to reiterate the importance of an air emissions inventory system for Alberta.	All team members	Before June 24.
7.10: Check if 2007 ChemInfo report was provided to the Board.	Robyn	Before next meeting
7.11: Provide an update on recommendation G10.1 at next meeting.	Bob Myrick	Update at next meeting
7.12: Forward any further ideas for the 2009 review to Robyn.	All	On-going
7.13: Update work plan according to the discussion and circulate it to the team.	Robyn	Before next meeting
7.14: Ask airshed mangers about the possibility of bringing the draft management plans to a PM & Ozone meeting in September for the team to review.	Bob Myrick	Update at next meeting
7.15: Contact Brian Wiens to find another representative from Environment Canada.	Robyn	ASAP
7.16: Contact the AEN to provide another NGO representative.	Robyn	ASAP
7.17: Poll for dates for a June tele-conference and a Sept. meeting.	Robyn	ASAP

1) Administration

- a. Greetings and Introductions
- b. Approve meeting objectives and agenda
 - o Some time was set aside at the end of agenda item #1 to recognize Martha Kostuch's contribution to the team.
 - o Agenda approved by consensus.
- c. Review and approve minutes from meeting #6
 - o It was noted that a best practices manual has been developed by Marbeck and AMEC. (See pg. 7, item 6).

Action Item 7.1: Bob Myrick will circulate the best practices manual to the team.

- o With the noted editorial change, the minutes from meeting #6 (October 4, 2007) were approved by consensus.
- d. Review action items from Meeting #6:

Action items	Who	Due
4.3: Bettina will forward AENV inter-comparison information provided at the last OSC meeting to Rachel.	Brian Free	Done
5.3 AENV to follow up on 2-page progress report on Continuous Improvement & Keeping Clean Areas Clean. - On agenda for next meeting. Bob will circulate the document before the team's conference call in June. (Now Action item 7.11).	Bob Myrick	Done
5.8 Distribute a copy of Andrew's PowerPoint presentation to the Team.	Brian Free	Done
5.9 Check the 2004 ozone data for the Caroline station. Action Item 7.2: AENV will upload August 2004 data from PAMZ to the CASA data warehouse.	Andrew Clayton	Done
5.10 Consider how best to revise the assessment reports to make them more reader-friendly to non-technical stakeholders. - Fact sheets are developed every time an assessment is done. - 2001-2006 Comprehensive Report will be releases soon and AENV will develop a simple 4-page fact sheet. Action Item 7.3: Bob will circulate the 4-page fact sheet to the team when it is available.	Bob Myrick	Done
6.1 Rachel Mintz will provide a web link to the Guidance Document	Rachel Mintz	Done
6.2 Find the proper contact person for the David Thompson Regional Health Authority and provide it to Kevin Warren.	Dennis Stefani	Carry Forward
6.3 Provide Martha Kostuch with a potential speaker about ozone health effects for a November-20 PAMZ meeting. - A contact was provided from Health Canada.	Karina Thomas	Done
6.4 Determine if there was an enforcement action related to the high Millennium station PM readings. - The occurrence was observed, but no action was taken.	Bob Myrick	Done
6.5 Write a letter to Environment Canada, asking about the availability of underlying data. - Martha obtained the emissions data.	Martha Kostuch	Done
6.6 Find out more about consultation on the smog science report and provide details.	Rachel Mintz	Carry Forward
6.7 Follow the progress of the Task Force on Hemispheric Transport of Air Pollutants and provide an update to the team.	Myles Kitagawa	Carry Forward
6.8 Rate the implementation of the 2003 recommendations.	Co-Chairs	Done
6.9 The draft Guidance Document will be placed on the AENV website with a link from CASA's website. - The document has been provided to the airsheds, but is not on the website yet. - A link to all documents should go on the CASA website. Action Item 7.4: Robyn will investigate where to post these documents on the CASA website.	Bob Myrick	Carry Forward
6.10 Advise CASA that they may have to fulfill the administrative role of "banker" for the PM & Ozone Management Plan projects. - AENV has developed contracts with the airsheds, so this is not necessary.	Brian Free	Done

6.11 Include the review of the Guidance Document on the agenda for the Team's next meeting in April.	Project Manager	Done
6.12 Prepare status report for the December '07 CASA Board meeting. <i>- The meeting went well and there were no questions.</i>	Co-Chairs	Done
6.13 Poll the team for an April meeting date.	Project Mgr	Done

2) Update on PM & Ozone Management Plans

- Bob Myrick provided an update on the development of PM & Ozone Management Plans in Calgary, Red Deer, and Edmonton.
- Letters have been sent to 500 stakeholders in the Calgary-Edmonton corridor, updating them on the need for air quality management plans. The airsheds have developed guidelines for the management plans with the support of Alberta Environment. They have also developed a best practices manual and policy tools.
- In December 2007 and January 2008, contracts were developed with the airsheds to support the management plan development. 3 organizations have submitted proposals and received funding as of January 1, 2008.
- Using the Alberta Environment guidance document, the management plans have reached Phase 2, which involves finishing the current state assessment, gathering ambient and emissions data, and looking at current management activities.
- Phase 3 looks at the issue, the sources, and potential management actions. The best practices manual should be used to determine which actions are applicable. Also, stakeholders should be involved in determining management actions. There will be public meetings in Edmonton and Calgary starting at the end of May.
- Draft management plans should be completed by the end of October and finalized by end December. The period between November and December will be used to ensure stakeholder commitment to the plans. The team had some concerns regarding these timelines, but Alberta Environment expects that the plans will at least be partially completed by the end of October.
- The CASA PM & Ozone Management Framework ensures that the management plans are well underway (i.e. 75% complete) within two years.
- There was some discussion about how the PM & Ozone Team could provide support in the development of the management plans:
 - Alberta Environment could provide support to determine which policy tools are appropriate.

Action Item 7.5: Bob will ensure that regional representatives from Alberta Environment attend management plans meetings to assist in determining which policy tools are most appropriate.

- Team members should plan to attend public meetings and report back to the team.

Action Item 7.6: Team members should attend public meetings on PM and Ozone Management Plans and report back to the team. (Claude – Calgary; Kerra – Edmonton).

- Team members should talk to their respective stakeholders to discuss overlaps between the management plans and other frameworks.
- Attending meetings of the airsheds and providing advice is also within the mandate of the team.
- It was suggested that Alberta Environment should be taking more of a leadership role and providing the airsheds with advice on how to meet the deadlines for the management plans.

Action Item 7.7: Bob Myrick will talk to the Airshed managers at their May 23 meeting about what kind of support they would like from AENV and from the PM & Ozone Team and report back to the team.

Action Item 7.8: Ian Peace will update Myles Kitigawa and Kevin Warren on the discussion about the support that can be provided by the PM & Ozone Team.

- The LAKES Environmental Emissions Inventory System has been purchased and installed at Alberta Environment. It has been populated with the best available data, which are the emissions inventories from the Fort Air Partnership and Wood Buffalo Environmental Association, as well as the National Pollution Release Inventory (NPRI) data from some facilities. Data from other airsheds will be added as they develop emissions inventories.
- LAKES will be used for modelling to see how the management plans may affect PM and Ozone levels.
- There are some inconsistencies with how NPRI collects and reports data – Alberta Environment is aware of the need to harmonize reporting between multiple systems and would like to develop a province-wide protocol for reporting data.
- Alberta Environment will be presenting at the June 24 CASA board meeting on the status of the development of an air emissions inventory system. The team needs to show support for the importance of this inventory by talking to their board representatives before the June meeting.

Action Item 7.9: All members of the PM & Ozone Team should talk to their CASA Board representative to reiterate the importance of an air emissions inventory system for Alberta.

- Management plans should also include recommendations to the provincial government to coordinate an emissions inventory, a modelling program, and a monitoring program.
- To ensure certainty about regulations into the future, it is important for the various initiatives to be harmonized (e.g. the Heartland Project, etc.)

3) Framework Implementation to Date

- The team updated their discussion on the status of recommendations in the PM & Ozone Management Framework from meeting #7 (October 4, 2007).
- Task 4, 5, and 7: Assessed annually. 2006 assessment is complete. 2007 assessment is underway.
- 1c: To be undertaken in 2009.
 - 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.
- 2: Complete.
- 5: A different group has been formed. Complete.
- 7: No change in status.
- 8: To be undertaken in 2009.
- 10d: The Ambient Monitoring Strategic Plan includes recommendations to monitor PM and VOCs. Action will be taken once the Strategic Plan is approved by the Board.
- 10e: This work was mandated by Environment Canada and has been distributed to the team.

Action Item 7.10: Robyn will check if the 2007 ChemInfo report was provided to the Board.

Action Item 7.11: Bob will provide an update on recommendation G10.1 at the next meeting.

- G10.2: This recommendation does not begin until 2011.

4) Review Guidance Document

- The Guidance Document contains step-by-step procedures for doing calculations.
- Some parts of the guidance document came from the Federal level and can't be changed.
- In 2009, the Guidance Document review could be done in conjunction with the Framework Review. A sub-group of people intimately familiar with these two documents would be formed, including members from the airsheds.
- What can we review?
 - Look at numbers below the Canada Wide Standards.
 - Look at the number of action levels.
 - Simplify some of the technical calculations.
 - Consider including mechanisms to assist the success of management plans.
 - Include ways to measure success. What happens if success is achieved?
 - Develop criteria for ceasing management action once emissions levels drop below the action trigger again.
 - Consider including the four phases for developing a management plan (from AENV).

Action Item 7.12: Forward any further ideas for the 2009 review to Robyn.

5) Review and Update 2008 Work Plan

- The team reviewed their work plan and agreed to a conference call at the end of June to ensure that the team was still on track.

Action Item 7.13: Robyn will update the work plan according to the discussion and circulate it to the team.

- The members discussed the role of the team in the development of PM & Ozone Management Plans. Points of discussion included:
 - The role of helping the airsheds has been assumed by Alberta Environment.
 - The team could develop a document to guide the development of management plans. This should form part of the guidance document.
 - AENV already has the four stages outlined.
 - Maybe the team could develop a communications tool, i.e. a pamphlet for the airsheds.
 - The team could review the management plans on an informational basis and give advice on possible areas for improvement.

Action Item 7.14: Bob will ask the airshed managers about the possibility of bringing the draft management plans to a PM & Ozone meeting in September for the team to review.

- The team would like to solicit feedback from the airsheds on the issues and challenges of creating management plans once their work is complete.

- The team discussed the possibility of providing an update at the December 2008 CASA Board meeting. Items for discussion could include:
 - Update on the implementation of Framework Recommendations.
 - Update on the progress of management plans.
 - Next steps – work planned for 2009.
 - New information from the review of Canada Wide Standards.

6) CASA Update

- Robyn Jacobsen gave a brief overview of the progress of other relevant CASA project teams.

7) Other Business

- Rachel Mintz has left the team.

Action Item 7.15: Robyn will contact Brian Wiens to find another representative from Environment Canada.

Action Item 7.16: Robyn will contact the AEN to provide another NGO representative.

8) Next meeting date(s)

Date	Time	Place
July 4, 2008	10am – 12pm	2 hour tele-conference
Sept 15 - 19	10-3	Calgary

Action Item 7.17: Robyn will poll for dates for a June tele-conference and a September meeting.

Agenda Items for next meeting

- Update on Continuous Improvement Plan and Keeping Clean Areas Clean (Action Item 5.3)
- Myles Kitagawa will follow the progress of the Task Force on Hemispheric Transport of Air Pollutants and provide an update to the team.
- Membership – SRD and Agriculture representatives.
- 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 #7, May 14, 2008, 2007
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: <u>Assessed annually. 2006 assessment is complete. 2007 assessment is underway.</u></p>
<i>Status</i>	<p>TASK 5 <i>Alberta Environment to assign action levels to PM_{2.5} and O₃ episodes.</i></p> <ul style="list-style-type: none"> • <i>Repeat analysis of ambient PM_{2.5} and O₃ ambient data after the episodes caused by background, natural and trans-boundary influences have been removed. Complete for 2001-2003 assessment.</i> <p>February 2007 Update: THIS TASK HAS BEEN COMPLETED FOR THE 2002-2004 ASSESSMENT, AND WILL LIKELY BE COMPLETED FOR THE 2003-05 ASSESSMENT BY THE END OF MARCH.</p> <p>Oct 2007 Update: <u>Completed up to and including the 2004-06 assessment</u></p> <p>May 2008: <u>Assessed annually. 2006 assessment is complete. 2007 assessment is underway.</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>

	<u>May 2008: Assessed annually. 2006 assessment is complete. 2007 assessment is underway.</u>
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 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.</p> <p>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.
2.	<p>Simplified Mechanisms</p> <p>It is recommended that Alberta Environment lead work on testing simplified mechanisms for determining when episodes are caused by transboundary transport, high background concentrations or natural events, especially for application at trigger levels below the numeric CWS, including simplified methodologies for performing the “Best Efforts Determination” outlined in the <i>Guidance Document for Achievement Determination</i>. This work should involve Environment Canada and interested stakeholders, and should be completed by the end of 2004.</p>
<i>Status</i>	<p><i>Alberta Environment has developed a simplified mechanism to be applied primarily to episodes that exceed the surveillance or planning triggers and are below the CWS exceedance trigger. Some of these simplified procedures will include: (1) grouping days with PM_{2.5} or O₃ levels higher than the surveillance/planning triggers into common time periods to account for episodes that last more than one day; (2) grouping areas with PM_{2.5} or O₃ levels higher than the surveillance/planning triggers into areas that are impacted by the same PM_{2.5} (e.g. forest fires) or O₃ (high background) mechanisms; and (3) real-time analysis of PM_{2.5} and O₃ data as events occur. The simplified mechanism was documented and circulated for comment to the former PM/O₃ working group members. Further discussion on the simplified mechanism is required.</i></p>

	<p><i>The procedure was presented to a small group of stakeholders and AENV explained the criteria used to back out episodes. The follow-up was that AENV would go through some episodes to show how they actually applied the simplified mechanisms. AENV is also looking at their flowchart and building in all the things the department actually does so everybody knows the scientific thinking behind each decision.</i></p> <p><u>February 2007 Update:</u> A MEETING HAS BEEN HELD WITH ENVIRONMENT CANADA AND A WORKSHOP WITH INTERESTED STAKEHOLDERS IS BEING PLANNED FOR FEBRUARY OR MARCH 2007 (SEE ACTION ITEM 5.2).</p> <p><u>Oct 2007 Update:</u> The workshop was not held, but consider this item completed. These simplified mechanisms could be included in the upcoming Framework Review.</p> <p><u>MAY 2008: COMPLETE</u></p>
5.	<p>Background PM or Ozone Originating Outside of North America</p> <p>It is recommended that the Joint Action Implementation Coordinating Committee (JAICC) be asked to examine and identify further actions that should be taken to assess the nature of ozone originating from outside North America as well as any actions that should be pursued at an international level.</p>
<i>Status</i>	<p><i>JAICC no longer exists. Environment Canada and Alberta Environment were asked to bring this action forward to the AMC.</i></p> <p><i>Observations of trans-Pacific transport of pollutants started appearing in the scientific literature some years ago. In 1998 a major event occurred, where a significant quantity of Asian dust, originating from desert areas of western China, was lofted high into the atmosphere, transported across the Pacific and mixed down to the surface in western North America. This event caused high levels of PM₁₀ and PM_{2.5} at many sites from California to BC, and was even observed at sites east of the Continental Divide, such as Esther, AB and sites in Montana.</i></p> <p><i>This event provided an impetus for increased study of the issue and, since that time, there have been a significant number of studies published demonstrating trans-Pacific transport of dust, forest fire smoke, and industrial pollution including mercury, ozone, particulate matter, and nitrogen oxides.</i></p> <p><i>To investigate this transport, there have been several airborne observational studies, as well as the establishment of several high elevation monitoring sites in western North America. University of Washington operates a site on the Olympic Peninsula of Washington State and another site in the Cascade Mountains of Oregon. Environment Canada operates a monitoring site on top of Whistler Mountain.</i></p> <p><i>Collectively these studies demonstrate that with appropriate atmospheric conditions significant quantities of pollutants can be transported across the Pacific quite rapidly, in the order of 5-6 days. Most of the transport seems to happen in the mid troposphere. How often these pollutants are mixed to the ground in significant quantities and how great the contribution of that long-range transport is to average and peak levels is still an area of</i></p>

	<p><i>active research.</i></p> <p><i>For a FAQ on the subject there is a good website, belonging to one of the leading groups researching trans-Pacific transport, (http://faculty.washington.edu/djaffe/FAQs.htm). This site also has links to many peer reviewed papers on the subject.</i></p> <p>February 2007 Update: CLAUDE CHAMBERLAND REPORTED LATER IN THE XX MEETING THAT TRANS-PACIFIC MOVEMENT OF POLLUTANTS IS NOT ON THE CURRENT WORKPLAN OF THE CCME'S AIR MANAGEMENT COMMITTEE.</p> <p><u>Oct 2007 Update: This is still not on the Air Management Committee's agenda. However, there is a Task Force on Inter-hemispheric .. Consider this implemented.</u></p> <p><u>May 2008: A different group has been formed. COMPLETE.</u></p>
7.	<p>Monitoring</p> <p>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 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> <u>The draft strategy is still underway.</u></p> <p><u>May 2008:</u> <u>No change in status.</u></p>
8.	Alberta Guidance Document

	<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:</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>
10.e.	<p>It is recommended that Alberta Environment take the lead in conducting scenario analyses for the provincial and regional Criteria Air Contaminants (CAC) emission forecasts. These analyses could include, among other factors: the potential impact of new performance standards for the electric power sector, the pace and magnitude of oil sands development projects, the potential effects of additional bitumen upgraders, the potential effects of climate change policy initiatives affecting greenhouse gas (GHG) and CAC emissions, the potential effect of new standards for on- and off-road vehicles, and changes to economic projections. A report on this work to be delivered to the CASA Board in 2005.</p>
Status	<p><i>NOT COMPLETE: This work is currently not on the workplan. The question was raised whether AENV should be the main implementer for this action as most of the work is done</i></p>

	<p><i>by the Environment Canada's Pollution Data branch. This work needs to be completed for the areas that need to develop management plans. AENV is not resourced to do this work. It was suggested that AENV needs to allocate resources to deal with these issues as it affects the management plan development. The forecast is produced by Pollution Data branch and is broken down by province and sector.</i></p> <p><i>Environment Canada and the provinces working together on the Emissions Projection Working Group (EPWG) have produced an emissions forecast based on the 2000 national inventory.</i></p> <p><i>Environment Canada has done some work. The 2002 CAC inventory is out, and they are working on the 2003 inventory. Better emissions data are needed and it may be desirable to do another inventory similar to that done by ChemInfo.</i></p> <p><u>February 2007 Update: ENVIRONMENT CANADA IS UNDERTAKING AN UPDATE TO THE CHEMINFO PROJECT, AND EXPECTS TO COMPLETE IT BY END OF MARCH.</u></p> <p><u>Oct 2007 Update: The ChemInfo report is completed.</u></p> <p><u>MAY 2008: This work was mandated by Environment Canada and has been distributed to the team.</u></p>
	<p>Other Reporting Requirements (From: Guidance Document for the Management of Fine PM and O3 in Alberta (2003))</p>
<p>G 10.1</p>	<p>Provide a 1-2 page written report to CASA, airshed zones on the PM2.5 and O3 analysis annually. Provide a non-technical version of this document for the public. 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>
<p>Status</p>	<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. Not completed are any of the reports for the 2002-2004 assessments.</i></p> <p><i>Three reports are needed as per the action. 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>
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>