

Preamble

The Multi-stakeholder Group (MSG) for PM and Ozone was established by CASA in 1998 to provide input to Alberta Environment on the development of a Canada Wide Standard (CWS) for particulate matter and ozone. Following the signing of the CWS in 2000, Alberta Environment asked CASA to form the PM and Ozone Project Team in November of 2000.

At the September 2003 CASA board meeting, members approved the Particulate Matter and Ozone Project Team's report and recommendations and disbanded the team. Concerns were raised by CASA stakeholders on whether the implementers of the CASA Particulate Matter and Ozone Management Framework are making sufficient progress on implementing the framework. On June 16th 2005 the CASA Board accepted the implementers of the CASA PM and Ozone Framework recommendation to create a PM and Ozone Implementation Team to assess and report on progress in implementing the framework.

Considerations

The implementation team will take into consideration the following:

1. The need for balanced and appropriate representation of stakeholder interests.
2. Other related air quality initiatives occurring in Alberta and other jurisdictions.

Goal

To support and when required, facilitate, the timely implementation of the Alberta Particulate Matter and Ozone Management Framework (2003).

Objectives

- Assess and report on progress in the implementation of the Alberta PM and Ozone Framework;
- Assist with, and provide advice in implementing the PM and Ozone Framework, and the associated recommendations to the CASA board (see attachment);
- Fulfill the role of the *multi-stakeholder* as referred to in the recommendations of the framework (see attachment);
- Provide input to and share information with the national process and Canada-Wide Standards for fine PM and Ozone process;
- Provide support and advice to groups developing management plans, and
- Facilitate, when necessary, cooperation and communication between implementers of the PM and Ozone Framework.

Key Task Areas

1. Review and assess regularly the progress made towards implementing the PM and Ozone Framework.
2. Identify appropriate mechanisms for tracking and reporting progress.
3. Develop reports on progress of implementation of the PM and Ozone framework.
4. Discuss and provide advice on plans, including timelines, for implementation work.
5. Identify needs for future implementation work and make recommendations to fill the gaps.
6. Liaise with relevant stakeholders, including CASA project teams, governments, airshed zones and other stakeholders involved in particulate matter and ozone management.
7. Determine if any public consultation activities are required.
8. Report to the board.
9. Report to stakeholders.

Timelines

The implementation project team will assess the need for continuation of the team every 2 years. The team will report to stakeholders and the Board on progress of the implementation of the framework annually.

Budget

Stakeholders will contribute the funds needed

Sectors Represented on the Implementation Project Team

Membership

Alberta Energy and Utilities Board
Alberta Environment
Alberta Forest Products Association
Alberta Health and Wellness
Calgary Health Region
Canadian Chemical Producers Association
Canadian Fertilizer Industries
Canadian Petroleum Products Institute
Canadian Association of Petroleum Producers
City of Edmonton
City of Calgary
Clean Air Strategic Alliance
Environment Canada
Mineral Products Industries
Parkland Airshed Management Zone
Prairie Acid Rain Coalition
Residents for Accountability in Power Industry Development
Toxics Watch Society

Corresponding

Graymont Western U.S. Inc.

The team recommended that airsheds formed in the future that are affected by the PM and O₃ Framework be added to the membership.

Attachment

PM and Ozone Framework Implementation Summary of Recommendations and other Reporting Requirements

| No. | Recommendation | Implementer |
|-----|--|---|
| 1b | Timing – complete annual analysis & assign action levels by Dec. 2004 using 2001-2003 data. Actions under framework to commence in 2005, conditional on simplified mechanism being found. | AENV |
| 1c | Review – framework be reviewed after 3 years of application in conjunction with or immediately after the 2006 CWS review. Should include interested stakeholders & members of the public. | AENV, with stakeholders & public |
| 2 | AENV lead work on testing simplified mechanisms. Should involve EC & interested stakeholders & be implemented by the end of 2004. | AENV, with EC & stakeholders |
| 3 | AENV decide whether to establish new ambient air quality guidelines for pm & O3. If guidelines are desirable, public consultation should be done. | AENV |
| 4 | AENV take 2 team positions as input to CCME ministers in fall, 2003. | AENV |
| 5 | JAICC be asked to examine & identify further action to assess nature of O3 originating from outside N. America & actions to be pursued at international level. | NOTE: JAICC does no longer exist. EC/AENV will bring the recommendation to the AMC. |
| 6 | Info & date compiled under national MERS & MERAF be made available by AENV to stakeholders involved in implementation of PM & Ozone framework, including those developing mandatory plans of management plans. | AENV |
| 7 | Monitoring system be reviewed to see what changes are needed to meet needs of PM & O3 Framework. | OSC |
| 8a | Guidance document be accepted & approved. | CASA board |
| 8b | Guidance doc on CASA website & linked from AENV website – also CASA & AENV provide hard copies on request | AENV, CASA |
| 8c | Guidance doc to be reviewed and updated with review of framework in 2006/2007. AENV to coordinate with interested stakeholders. | AENV, with interested stakeholders. |
| 9 | CASA & AENV coordinate strategies to notify Albertans about framework, recommendations, etc. Also provide documents on website. | AENV, CASA |
| 10a | EC with AENV model ozone & PM concentrations in AB for a range of future emission scenarios. To CASA board in 2005. | EC, with AENV |
| 10b | EC with AENV use regional photochemical models to investigate with regions & sectors are contribution to ozone & secondary PM in AB. To CASA board in 2005. | EC, with AENV |
| 10c | EC conduct research to investigate vertical structure of ozone in atmosphere to determine contribution of stratospheric intrusion & tropospheric mixing to ground level ozone. To board in 2005. | EC |

| No. | Recommendation | Implementer |
|-----|--|-------------|
| 10d | OSC be asked to investigate usefulness of & need for ambient PAN & additional ambient VOC monitoring in AB as part of review of ambient monitoring network. | |
| 10e | AENV take the lead in conducting scenario analyses for provincial & regional CAC emission forecasts. Report to CASA board in 2005. | AENV |
| 10f | 1999 recommendation of MSG be renewed where AENV takes lead in conducting further research on source apportionment & collaborate with other jurisdiction to improvement methodologies for source apportionment, etc. | AENV |
| 11 | Dissolve team. | CASA board |

| No. | Other Reporting Requirements (From: Guidance Document for the Management of Fine PM and O ₃ in Alberta (2003)) | Implementer |
|-----------|--|-------------|
| G 10.1 | Provide a 1-2 page written report to CASA, airshed zones on the PM _{2.5} and O ₃ 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. | AENV |
| G 10.2 | 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. | AENV |
| G 10.3 | Provide a five-year comprehensive report for the year 2005 and for every fifth year thereafter to Ministers and the public by 30 September of the following year. The report will be an interim report on progress towards meeting the CWS, and subsequent reports will focus on achievement of the CWS applicable at that time. | AENV |