

Terms of Reference

Ambient Monitoring Strategic Planning Team

Revised for the March 16, 2006 CASA Board Meeting - Final

Context:

The Terms of Reference for this Ambient Monitoring Strategic Planning Team supports the objectives identified in CASA's Business Plan 2003 - 2005, fits well within the priorities, values, and expectations of the Board, and is in accordance with the CASA vision for air quality, which states:

“The air will be odourless, tasteless, look clear and have no measurable short- or long-term adverse effects on people, animals or the environment.”

Guiding Principles:

The work of this team will be consistent with the following CASA goals:

1. Protect the environment.
2. Optimize economic performance and efficiency.
3. Seek continuous improvement.

Goal:

Alberta will possess a dynamic, effective and efficient framework that provides the foundation for the development of a world-class ambient air quality monitoring system.

Objectives:

1. To build upon and improve the existing framework for the monitoring of ambient air quality in Alberta.
2. To expand the strategic plan to improve the dissemination of ambient air quality data and information in Alberta.
3. To develop an implementation plan based on the revised strategic plan for the monitoring of the ambient air quality in Alberta.

Key Tasks:

1. Review and update *A Strategic Plan for Air Quality Monitoring in Alberta*, presented to the CASA Board in November 1995.
2. Review and update the *Alberta Ambient Monitoring Implementation Design Team – Report to the CASA Board*, presented to the CASA Board in December 1997.
3. Review ambient air quality monitoring frameworks in other jurisdictions.
4. Hold a workshop with the goals of:
 - a. Identifying gaps in the strategic plan for ambient air quality monitoring in Alberta.
 - b. Presenting direction for ambient air quality monitoring in Alberta.
5. Objective #1 & #2 will consider:
 - a. Ambient air quality, ecological effects and human health effects monitoring technologies and associated costs.
 - b. Monitoring regimes in other jurisdictions.
 - c. The geographic distribution of monitoring stations.
 - d. The roles of airshed zones, government and industry.
 - e. Flexibility to respond to future growth and development.

- f. Other ambient air quality management initiatives including CASA initiatives, such as the PM and Ozone framework.
- 6. Components of an implementation plan be defined, including:
 - a. Implementers.
 - b. Resources / funders.
 - c. Implementation schedule.
 - d. Network efficiencies.
 - e. Performance indicators.
- 7. A process for the future evaluation and update of the proposed ambient air quality management system be defined.
- 8. In relation to objective #2, review and consider improvements to the current method of data and information gathering and dissemination, including:
 - a. CASA data warehouse.
 - b. Consideration of what is done in other jurisdictions.
 - c. Flexibility to respond to future growth and development.
 - d. Approaches to actively disseminating ambient air quality information.

Timeline:

Terms of Reference presented to the CASA Board. June 2004.
Final report and recommendations presented to the CASA Board. June 2005.

Membership on the Project Team*

Membership on the Ambient Monitoring Strategic Planning Team includes:
Environmental Non-Governmental Organizations
Airshed Zones
Oil and Gas Industrial Sector
Non-Metallic Mining Industrial Sector
Provincial Government
Federal Government

* The current membership of the Ambient Monitoring Strategic Plan is listed in Appendix A

Appendix A: Current Membership (March 2004)

| Name | Organization |
|----------------------|--|
| Matthew Dance | CASA |
| Karina Bodo | Alberta Health and Wellness |
| David Graham | Alberta Environment |
| Bill Hume | Environment Canada |
| David McCoy | Husky Oil / Canadian Association of Petroleum Producers |
| Bob Myrick | Alberta Environment |
| Mike Pawlicki | Lafarge Canada Inc. |
| Ian Peace | Residents for Accountability in Power Industry Development |
| Roxanne Pettipas | ConocoPhillips Canada / Canadian Association of Petroleum Producers |
| Kevin Scoble | Petro-Canada Edmonton Refinery / Canadian Petroleum Products Institute |
| Chris Severson-Baker | Pembina Institute |
| B.J. Vickery | Lafarge Canada Inc / Alberta Chamber of Resources |
| Kevin Warren | Parkland Airshed Management Zone |