



**West Central Airshed Society**  
P.O. Box 7421, Drayton Valley, Alberta T7A 1S6

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## Technical Committee

### Meeting Notes December 4, 2003

9 a.m. to 11:00 a.m.

Main Conference Room  
Penn West Building, 50<sup>th</sup> Avenue West  
Drayton Valley, AB

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#### **In Attendance:**

Cecil Andersen	Pembina Agriculture Protection Association
Larry Williams	AENV
Mary Griffiths	Pembina Institute of Appropriate Development
Rick Phaneuf	AENV
Jim Bolton	TransAlta
Greg Gabert	Penn West Petroleum
Steven Probert	Capital health
Hercules Georgiadis	Weldwood Canada

#### **WCAS:**

Bob Scotten  
Barb Johnson

#### **Special Guests:**

Dr. Warren Kindzierski University of Alberta

#### **Absent with Regrets:**

Mike Woods Weyerhaeuser

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### Action Items

**Action Item #1** Dr. Kindzierski to provide a formal proposal concerning a joint research venture with the University of Alberta for Board consideration.

### Ongoing Action Items

**Ongoing Item #1:** Robert Raimondo to provide updated/revised copy of the EPCOR/TransAlta monitoring agenda. STATUS: Ongoing

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### 1. Welcome and Introductions:

Cecil Andersen called the meeting to order at 9:15 a.m.

### 2. Review of Action Items & Approval of June 16, July 15, and October 29 2003 Draft Meeting Notes:

- Item #1:** Jim Bolton/Robert Raimondo to gather available historical dust fall measurements to submit for scientific review of merit. **Status: Complete.** It was reported that a draft of the report is in the process of being finalized.
- Item #2:** Bob Scotten to seek advise from Agriculture Committee regarding radiation-monitoring requirements. **Status: Complete.** Bob indicated that discussions were held with Elaine Ryl and Bob Myrick concerning the applications of the radiation monitoring program. Bob recommended that the Society continue to gather radiation data.
- Item #3:** Bob to obtain clarification from Alberta Environment regarding particulate monitoring requirements. **Status: Complete.** Bob reported that the particulate monitoring would include PM<sub>2.5</sub> at two stations and partisols at the other remaining stations.
- Item #4:** Robert Raimondo to provide updated/revised copy of the EPCOR/TransAlta monitoring agenda. **Status: Ongoing.**

The draft meeting notes of June 16, and July 15 Draft Meeting notes were approved as presented. Meeting notes of October 29, 2003 were also approved with the correction of the wording describing the finalization of the EPCOR/TransAlta contract.

### 3. Special Presentation:

Dr. Kindzierski discussed the draft report entitled "Evaluation of West Central Airshed Society Ambient Air Quality Monitoring Network ". The purpose of the report was to identify and make recommendations concerning the effectiveness and efficiency of the air-monitoring network to determine if the airshed management program was meeting its objectives. Dr. Kindzierski explained that in evaluating the program it was necessary to consider the location of the existing and proposed air quality stations in the zone and the current parameters monitored. A collection of historical data was reviewed to establish the state of air quality. The following recommendations resulted:

*Decommission the Steeper station.* Dr. Kindzierski recommended that the Steeper station be decommissioned based on the historical data that indicated that air quality was considered to be good in the Steeper area. Further, it was reported that the station did not serve any unique purpose within the airshed zone. It was noted that the Steeper station was indeed decommissioned August of 2003.

*Decommission the Tomahawk station.* Dr. Kindzierski reminded members that the original intention of the Tomahawk station was to serve as network monitoring at the former eastern boundary of the West Central zone. It was noted that since the airshed boundaries had expanded eastwards there are four proposed stations planned to exist in the newly expanded region. Board members voiced their concerns that continuity of the Tomahawk data was important in relation to the agriculture program. Members felt that once the new stations were fully operation that this recommendation could be revisited.

*Further in-depth evaluation of historical data.* Dr. Kindzierski recommended that a further in-depth evaluation of historical data be considered in order to illustrate trends in air quality over several years. The evaluation of such material would provide a stronger scientific basis to support future management decisions.

In conclusion, Dr. Kindzierski proposed that the Society consider a joint venture project with the University of Alberta. The project would be a research program intended to analyze ozone trends within the airshed boundaries. It was noted that the anticipated length of the project could take up to one year at a cost of \$10,000. The money would be to assist in the salary cost of hiring a graduate student to undertake the research. The Board recognized the mutual benefit of the proposal and asked Dr. Kindzierski to bring forward a formal proposal for further consideration.

**Action Item #1:** Dr. Kindzierski to provide a formal proposal concerning a joint research venture with the University of Alberta for Board consideration.

#### **4. Next Meeting Date:**

The next Technical Committee meeting date is to be announced. The meeting concluded 11:00 a.m.