



**PARKLAND AIRSHED MANAGEMENT ZONE  
BOARD MEETING MINUTES  
FEBRUARY 3, 2009**

**Location:** Red Deer County Office, Red Deer, Alberta

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**In attendance**

Board Members and Alternates:

Mansoor Ahmad, Government (for Andy Lamb)  
Lloyd Cumming, Public  
Bonnie Denhaan, Public  
Brian Goliss, Industry  
Lesley Lovell, Government  
Jenny Marshall, Industry  
Lynn Mulder, Government  
Greg Rathjen, Government  
Aaron Rognvaldson, Industry (for Shelise Berteig)  
Leo Touchette, Government  
Wayne Ungstad, Public  
Lorna Watkinson-Zimmer, Government  
Reg Watson, Public  
Brian Young, Industry  
Kevin Warren, Executive Director

Guest:

Jim Ainslie

Meeting Support:

Kim Sanderson

**Absent with Regrets**

Wayne Boyd, Government  
David Brown, Government  
Simon Cobban, Industry  
Patsy Haupt, NGO  
Bill Knight, Public  
Alasdair MacKinnon, Government  
Jim McKinley, Government  
Jennifer Lutz, Government  
Kim Ng, Public  
Leonard Standing on the Road, Public  
Al Simcoe, Sundre Forest Products  
Ross Warner, NGO

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**ACTION ITEM SUMMARY**

Item	Who	Deadline
53.1: Kevin and Brian will meet with the landowners at the Caroline site prior to the new station going in.	Kevin Warren, Brian Goliss	Feb. 20
53.2: The Communications Committee will ask Monica Rosevear to seek out new NGOs for all PAMZ committees as needed.	Monica Rosevear	ongoing
53.3: Kevin will contact CASA for information on its overall structure, teams, where zones are involved, and how zones and CASA interrelate.	Kevin Warren	Feb. 27
53.4: Kevin will poll the board for the best date and proceed to formally book the facility when a date is chosen.	Kevin Warren	Feb. 13
53.5: Kevin will inquire if the Red Deer County office is available for the April meeting and, if not, will arrange another venue.	Kevin Warren	Feb. 13
53.6: Kevin will poll the executive to identify a speaker for the next meeting.	Kevin Warren	Feb. 13

Brian Goliss convened the meeting at 3:15 pm. Those present introduced themselves. Kevin noted that he had expected no NGO representative to attend, so he had consulted prior to the meeting with Ross Warner and obtained his support for the two key decisions, noted later in the minutes, as well as approval of the minutes from the last meeting.

## 1. ADMINISTRATIVE ITEMS

### 1.1 Approve Agenda

The board workshop proposed for May will be discussed under Other Business. The agenda was approved.

### 1.2 Minutes of November 19, 2008 Meeting

The November 19, 2008 minutes were approved by consensus.

### 1.4 Report on Action Items

Item	Status
52.1: Kevin and the executive will work with Christine Macken to develop a proposal for a board retreat.	Done. On today's agenda
52.2: Kevin will arrange a venue for the February 3 <sup>rd</sup> meeting.	Done
52.3: Lynn Mulder will contact Plasco to see if they could do a presentation at the February meeting on their proposed new gasification plant.	Frank Peck from Red Deer County will make the presentation
52.4: Kevin will work with Lesley Lovell and others to arrange a presentation by Brad Stelfox in March 2009 or later.	Mountain View County is hosting a workshop with Dr. Stelfox and Dr. Cathy Ryan on March 9. The workshop will focus on cumulative effects, the county's growth and municipal development plan, new environmental policies and aquifer management. Four PAMZ members have indicated interest in attending. Dr. Stelfox is also speaking in Red Deer on Feb. 27.

### 1.3 Memberships

Invoices for 2009 have been generated. Nineteen large companies were invoiced for \$574,000, and PAMZ expects all those to be paid. Smaller companies participate voluntarily and 95 companies were invoiced for \$96,000; typically about 25% pay and PAMZ hopes to see this number increase significantly. For municipalities, 24 invoices for \$74,000 will be sent shortly and \$55,000 is expected.

PAMZ has not yet received a funding application package from Alberta Environment (AENV). In 2008, PAMZ received \$70,000 for operating the Red Deer station. If AENV funding of the full operating costs for stations that it turned over to airsheds does not continue, some airsheds may consider turning those stations back to AENV.

## 2. COMMITTEE REPORTS

### a) Technical Working Group (TWG)

The TWG last met on January 16.

#### Contractor Update

Kevin updated the board on the contractor situation, noting that:

- On November 20, 2008 PAMZ received the monitoring data for Big Valley and Red Willow locations. AGAT provided hourly data to AENV on January 23 but to date, this data was not provided to the CASA Data Warehouse. PAMZ has asked AGAT to send the hourly data to Focus for preparation of the annual reports which need to be submitted by March 15. PAMZ has three unpaid invoices totaling \$59,000 from AGAT, with questions still remaining about some charges, particularly those for third parties. PAMZ is requesting additional information on those charges. These invoices will affect the financial statement for the year.
- PAMZ has contacted Senes Consultants in Vancouver about doing a data audit as requested by AENV.
- The contract with Focus is nearly ready for signing.

#### Monitoring Program

A new station is being set up at the Riverside Drive location, with a new ultrasonic wind monitor, new shelter and two new analyzers (NO<sub>x</sub> and hydrocarbon analyzers). The new station is being provided by Alberta Environment. There have been a number of readings in the past month from heavy equipment emissions involved in the construction of a new sewer line that runs directly in front of the station.

The Caroline station will also be replaced this year, with delivery expected in late February or early March. This station is being provided out of the PAMZ 2009 capital expenses budget.

#### **Action 53.1: Kevin and Brian will meet with the landowners at the Caroline site prior to the new station going in.**

While at the Edgar Industrial Park location in Red Deer in December, the Martha Station recorded some high ozone levels in the early morning. The levels are most likely not associated with ambient sources of ozone. The most probable source is welding but discussions with site owners indicate nothing like that was occurring. TRS exceedances were observed on December 30 and January 6. There was an error in the orientation of the wind head so that early indications of wind direction were incorrect; the wind data was subsequently corrected. Both TRS exceedances on December 30 were also associated with two NO<sub>2</sub> exceedances, which are in themselves, very unusual.

The Martha station was at Bechton in October and at Niobe in November. Levels were well within historically normal ranges. The station moved to Red Deer's Edgar Industrial Park in December, and is now at the Gilby site. The next location will be Oriole Park Elementary School. A transportation study was done previously at this school, which has implemented a program with school buses to address excessive idling. Monitoring will be done near the parent drop-off zone. Additional siting precautions will be taken to ensure student safety as well as security of the station. Monitoring will begin on February 11.

The Raven station was moved from Morningside in early January and is currently at Medicine Lodge.

All passive data have been assembled for 2008. SO<sub>2</sub> patterns are similar to previous years, with highest levels in the northeast part of zone. Kevin reviewed the data for the last nine years, and there has been a drop over that period.

Ozone levels remain highest in the foothills. Results are similar to previous years with highest levels in later spring and early summer when there is a lot of sunlight.

For the Tay River network, sites with the highest average are around Ram River and Keyera, consistent with previous months of monitoring.

The Sundre Forest Products PM Monitoring Program concluded at the end of December. This program monitored TSP and PM<sub>2.5</sub>. Fine PM has never been an issue but there have been exceedances of TSP.

Continuous monitoring at the Red Willow site showed one exceedance of TRS, likely from a source to the southwest.

**b) Ozone Management**

PAMZ's Ozone Management Plan was submitted to AENV on December 29. Both electronic and hard copies are available. The Ozone Management Committee will likely continue to meet twice a year. Most of the initial activities involve tracking progress and developments and will be incorporated in an annual report. Preliminary results from the 2005-2007 assessment indicate that PAMZ remains in the surveillance level.

**c) Financial Committee**

Aaron Rognvaldson reported for Shelise Berteig, reviewing the status of the various PAMZ accounts as of December 31. To date, PAMZ has received \$330,000 from the large companies and \$4,000 for the next year. PAMZ had a small surplus going into 2009.

**d) Funding Committee**

Nothing to report.

**e) Issues Response Group (IRG)**

The IRG meets on February 18 to plan for the annual issues identification meeting. This group needs a chair as well as an NGO and industry representation.

**f) Communications Committee**

The Communications Committee met on January 7, and the next meeting is March 6. Marcie Niemann from Shell and Pam Vust from the City of Red Deer are new members. Funds were identified for a consultant for 2009 and Monica Rosevear will be hired. Her scope of work has been finalized and a contract is being prepared. The 2008-2010 communications plan is being updated and the format for the annual report will be adjusted to make it less technical. Three newsletters will be published in 2009. An RFP is being prepared for a new website and to rebrand PAMZ with a new look. The committee is working on criteria for the Martha Kostuch Education Fund with the aim of having it in

place for student applications by the fall. The City of Red Deer Parks and Recreation Department has contacted PAMZ about a possible joint event for Clean Air Day on June 3. The committee will continue to coordinate a PAMZ presence at local events and will promote the annual issues identification meeting when a date and location are known.

The Committee also asked the board to approve a revision to its terms of reference. The current wording is: “**A minimum of** one representative from each of the four PAMZ Stakeholder groups: industry, public, government, non-government organizations and also the program manager.” It has been very difficult to comply with this requirement, particularly for the NGO category.

***The Board approved the change in the Communications Committee’s terms of reference, with the Membership clause to now read:***

**“Desired representation will include one representative at a minimum** from each of the four PAMZ Stakeholder groups: industry, public, government, non-government organizations and also the program manager.”

Board members agreed that ideally all four stakeholder groups should be represented on each committee and that additional effort is needed to identify suitable members.

**Action 53.2: The Communications Committee will ask Monica Rosevear to seek out new NGOs for all PAMZ committees as needed.**

**g) Human Health Committee (HHC)**

The HHC was supposed to meet January 31. The meeting was cancelled and will be re-scheduled if there are any new developments. Discussions with Dr. Sheldon Roth regarding a joint venture on human health monitoring have been unsuccessful, and he is apparently retiring. The David Thompson Health Region is unable to take on any new activities relative to the committee in the short term.

**3. REPORT ON CASA ACTIVITIES**

Wayne Ungstad advised that the Electricity Framework Review team held its public consultations in Hanna and Keephills during the last week of January. An online survey is available at [www.electricalair.ca](http://www.electricalair.ca) for those interested in this issue. The team will report to the CASA board in June. Wayne is also working with CASA and AENV to try and get an East Central airshed in place. The next meeting is February 26 and may be held in Camrose.

Kevin reported on the following CASA activities:

- The PM and Ozone team met December 12 to receive the results of the 2005-07 assessment conducted by Alberta Environment.
- The Ambient Monitoring Strategic Plan (AMSP) team is still working to get consensus on a new funding formula. The team is hoping to report to the CASA board in June. There is general agreement on the monitoring plan with various subprograms, but there are three areas of non-consensus. 1) Whether facility-specific compliance monitoring should be included in the overall funding formula. The implications are most significant for oil and gas. 2) Implementation timelines. Initially, the team was

- looking at a five-year implementation period, but some feel this should be stretched out given the current economic climate. 3) Who will cover the interim costs associated with emissions from non-point sources until a mechanism is developed to secure funds from those sources. One option is for AENV to cover those costs.
- The Operations Steering Committee (OSC), which is responsible for the CASA Data Warehouse (CDW), has approved the basic operations portion of the budget and discussed concerns about the process for making changes to the CDW. The OSC also faces a funding shortfall for the first quarter of 2009, due largely to non-payment of industry allocations because of past surpluses resulting from deferred projects.
  - The Clean Air Strategy team is looking at potential recommendations on roles and responsibilities related to the air quality management system, which could involve both CASA and airshed zones.

The PAMZ board thought it would be useful to have a high level overview of CASA's structure and where and how zones interrelate.

**Action 53.3: Kevin will contact CASA for information on its overall structure, teams, where zones are involved, and how zones and CASA interrelate.**

#### **4. ALBERTA AIRSHEDS COUNCIL UPDATE**

Kevin advised that the proceedings of the 2007 zones workshop are available on CD. The Council is now working to incorporate as a society and will table draft bylaws at its next meeting on March 5. The next zones conference will be October 19-20 at the Mayfield Inn in Edmonton, with a reduced rate for early registration. On February 17, AAC members will meet with AENV in Edmonton regarding the auditing process and follow up. They are also meeting with AENV on March 25 to discuss CASA Data Warehouse technical and reporting issues.

#### **5. OTHER BUSINESS**

##### **a) Board Workshop**

The executive has worked with facilitator Christine Macken to develop an agenda for the two-day board workshop planned for May. The Diamond Buffalo Guest Ranch is the proposed location, and is holding the following dates: May 5-6, May 6-7, May 12-13, and May 13-14. The board previously allocated \$5,000 to cover the costs of the facilitator as well as the accommodation costs for NGO and public board members who attend and the executive director. Industry and government board members will cover their own costs, which will be \$275 per person.

*The board agreed to proceed with the workshop at the Diamond Buffalo Guest Ranch and to limit participation to current board members.*

**Action 53.4: Kevin will poll the board for the best date and proceed to formally book the facility when a date is chosen.**

##### **b) Presentation by Jim Ainslie on Air Issues in the Delburne Community**

Jim Ainslie made a short presentation to the board, focusing on the importance of clean air and its contribution to sustainability. He shared concerns that have emerged over the last 40 years on his own land and in his community about possible impacts of pollution on trees and property, particularly metal fences and equipment. Board members noted the need for improved communications between local industry and residents, and also encouraged Jim to consider participating on PAMZ. It was also noted that perhaps PAMZ could consider doing some monitoring in this area in future.

## **6. NEXT MEETING**

The next board meeting will be Tuesday, April 7.

**Action 53.5: Kevin will inquire if the Red Deer County office is available for the April meeting and, if not, will arrange another venue.**

**Action 53.6: Kevin will poll the executive to identify a speaker for the next meeting.**

The meeting adjourned at 6:25 pm.

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Frank Peck with Red Deer County gave the board a presentation on a proposed waste conversion facility to be located in the county. The facility is unique in its use of unsorted mixed household waste and the process's high operating efficiency. Construction of the facility is expected to begin later this spring.