



**PARKLAND AIRSHED MANAGEMENT ZONE  
BOARD MEETING MINUTES  
APRIL 7, 2009**

**Location:** Pioneer Lodge, Red Deer, Alberta

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**In attendance**

Board Members and Alternates:

Rod Boshnick, Industry  
Lloyd Cumming, Public  
Brian Goliss, Industry  
Amber Hines, Government  
Andy Lamb, Government  
Jenny Marshall, Industry  
Kim Ng, Public  
Greg Rathjen, Government  
Aaron Rognvaldson, Industry (for Shelise Berteig)  
Al Simcoe, Sundre Forest Products  
Leo Touchette, Government  
Wayne Ungstad, Public  
Reg Watson, Public  
Kevin Warren, Executive Director

Observers:

Dale Christian, Red Deer River Watershed Alliance

Brian Vanderzwan, Imperial Oil

Meeting Support:

Kim Sanderson

**Absent with Regrets**

Jim Ainslie, Public  
Wayne Boyd, Government  
David Brown, Government  
Simon Cobban, Industry  
Bonnie Denhaan, Public  
Patsy Haupt, NGO  
Bill Knight, Public  
Alasdair MacKinnon, Government  
Jim McKinley, Government  
Lynn Mulder, Government  
Jennifer Lutz, Government  
Leonard Standing on the Road, Public  
Ross Warner, NGO  
Lorna Watkinson-Zimmer, Government

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**ACTION ITEM SUMMARY**

Item	Who	Deadline
54.1: Kevin will confirm the venue for the June meeting and advise the board.	Kevin Warren	May 1

Brian Goliss convened the meeting at 3:05 pm. Those present introduced themselves. In anticipation of not having a quorum, Kevin contacted Patsy Haupt in advance of the meeting, and she gave Kevin her proxy as an NGO member.

**1. ADMINISTRATIVE ITEMS**

**1.1 Approve Agenda**

Under “Other Business”, an update of CRAZ boundaries will be provided. Information on the proposed East Central zone will be added under the Alberta Airsheds Council update. The agenda was approved with these additions.

**1.2 Minutes of February 3, 2009 Meeting**

The February 3, 2009 minutes were approved by consensus. Data from the PAMZ portables has been provided to Esther Johnson at the ERCB.

## 1.4 Report on Action Items

Item	Status
53.1: Kevin and Brian will meet with the landowners at the Caroline site prior to the new station going in.	Done. Removal of the trailer will be delayed briefly to allow time for earth work around the site.
53.2: The Communications Committee will ask Monica Rosevear to seek out new NGOs for all PAMZ committees as needed.	Ongoing. Monica is aware of this as part of her scope of work.
53.3: Kevin will contact CASA for information on its overall structure, teams, where zones are involved, and how zones and CASA interrelate.	Done. This topic will be on the agenda for the PAMZ board retreat.
53.4: Kevin will poll the board for the best date and proceed to formally book the facility when a date is chosen.	Done. The retreat will be one day, May 6, at Diamond Buffalo ranch. About 16 people are expected. On today's agenda.
53.5: Kevin will inquire if the Red Deer County office is available for the April meeting and, if not, will arrange another venue.	Pioneer Lodge was arranged.
53.6: Kevin will poll the executive to identify a speaker for the next meeting.	Done.

## 1.3 Memberships

Kevin reported that the following municipalities have paid their invoices for this year: Clearwater County, Mountain View County, County of Lacombe, Town of Lacombe, Rocky Mountain House, and the City of Red Deer. The following municipalities have declined to join PAMZ: Red Deer County (paid in error last year), Ponoka County, Kneehill County, Innisfail, Ponoka and Eckville.

Kevin also reported on new individual members on the board, the Technical Working Group, Communications Committee and the Issues Response Group. The IRG is still looking for industry and NGO representatives, and for a new chair. Kevin reiterated the need for a new secretary-treasurer, in light of Shelise's new responsibilities at Husky. Brian Goliss is following up with potential replacements for Shelise, with the intent of having someone identified for the AGM.

## 2. COMMITTEE REPORTS

### a) Technical Working Group (TWG)

The TWG last met on March 27 to review the monitoring program, discuss the schedule for 2009 and consider the draft boundary proposal from CRAZ. A request was received from AGAT on March 26 for full payment of four invoices for \$61,000. PAMZ's lawyer has prepared a draft release and the executive is reviewing it. Senes Consultants (in Ontario) has been retained to review the data collected by AGAT and provide specific recommendations on how the data should be treated to address issues raised by the Alberta Environment audit done in May 2008. The draft report from Senes is due April 17 and the final report by the end of April. AGAT provided all the necessary data to AENV, who gave it to Senes for analysis. AGAT also provided all the files PAMZ needed to do its report to AENV for the March 15 deadline.

### Air Monitoring Program

The new replacement station for Caroline is at Focus; the old station will be removed and the switch done at the Focus location, with the station offline for about a week. Kevin and Brian met with the landowner at Caroline to arrange upgrades to the site as soon as possible after the ground thaws.

The new Red Deer station was installed on Feb. 3 and is fully operational.

The Martha station was at Gilby from Jan. 8 to Feb. 12. Some SO<sub>2</sub> readings were noted, with the highest hourly reading of 17 ppb; this is an order of magnitude below the AENV guideline. During this time, winds were not often from the direction of the plant. Petro-Canada would like to look at PAMZ wind data around that time as they had problems with a monitoring unit's wind sensor. The Martha station was at the Oriole Park site from Feb. 12 to March 17 in response to concerns about vehicle idling. There was a strong correlation with elevated NO<sub>x</sub>, total hydrocarbons and carbon monoxide, but wind patterns were such that winds were often from the southeast during peak drop-off and pick-up times. Kevin is doing a more detailed analysis of the data and the station will go back to this location in October. The Martha station has operated continuously for about nine years, and the TWG agreed to have Focus take it offline for a week to clean up wiring, install new sample lines and inlet filters, and do a safety inspection and other maintenance as required. The air conditioning unit will also be replaced. The TWG agreed to keep the original schedule so the station will monitor at James River for only one month, rather than two. The station is now at the Cheddarville site.

The Raven station is at Medicine Lodge, where some high particulate readings were noted. A 24-hour exceedance of PM<sub>2.5</sub> was attributed to wood burning by the resident. The station moves to a new site at the Bentley Town Reservoir on April 8. This site is in the northeast part of the town and is expected to be more typical of what residents would experience.

Passive data are consistent with previous years for SO<sub>2</sub>, NO<sub>x</sub> and ozone. In the northeast part of PAMZ, there continues to be a high frequency of SO<sub>2</sub>, but not high levels.

The executive thought it would be useful to the board to have a short presentation at each meeting on a specific pollutant to help board members become more familiar with these substances. Particulate matter was the subject for this meeting, in light of the evening presentation on prescribed burning. Kevin presented an overview on PM and will provide a copy of his presentation to board members who request it.

### **b) Ozone Management**

AENV has completed its review of PAMZ's Ozone Management Plan (OMP) and approved it. AENV will present a summary of its review of all airshed OMPs at a meeting in Edmonton on April 29. This meeting will also look at the short term actions being managed by PAMZ and AENV, and AENV has asked airsheds to consider what they need from AENV in terms of leadership, guidance, in-kind support and funding to implement the management plans in the coming fiscal year (April 1, 2009 to March 31,

2010). Kevin is identifying the costs and resources to go with the actions; most revolve around information gathering and reporting in the short term. There will be opportunities for collaboration among airsheds to ensure consistency in implementation across the province. PAMZ will also make a pitch for funding for ozone monitoring at Nordegg and for communications.

**c) Financial Committee**

Aaron reported on behalf of Shelise, noting that as of March 31, the bank balance is \$512,638.21. This accounts for \$61,000 held in trust by the lawyer. There is also \$45,118.02 in the human health account, and \$231,600 in capital equipment reserve. \$50,000 will be put into GICs. The audit for 2008 is ahead of schedule.

**d) Funding Committee**

Kevin advised that of the 17 large member facilities, 15 have paid (\$553,000 of the invoiced \$574,000). Of the 98 smaller companies (i.e., those not required to do monitoring) that get the minimum invoice of \$1000, 17 have paid. The target for 2009 is 25 companies. PAMZ wants to bring attention to those companies that are supporting PAMZ and making changes to reduce their emissions.

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

Kevin reported that the IRG met February 18, focusing on planning for the annual issues identification meeting, which will be held May 20 in Delburne from 7-9 pm. Although Delburne is just outside the PAMZ boundary, concerns have been expressed about air issues in the area. The survey also continues to be a way for PAMZ to identify issues.

**f) Communications Committee**

Kevin did a presentation to Clearwater County in March, and will also be making presentations to Shantz New Development Committee and the Crossfield Synergy Group in May. Monica Rosevear, the consultant hired by the committee, expects to have a newsletter out by the end of April. She is also working with Kevin on the annual report, with the intent of making it shorter, less technical and more community-focused. The committee continues to publicize and promote PAMZ events.

The committee has developed an RFP to update the website and re-brand PAMZ to give a new look to the materials. The RFP was supposed to go out on April 17. PAMZ recently learned that AENV has asked for an accounting of how the grant provided for human health monitoring has been used; PAMZ recognizes that a human health monitoring program will not happen in the foreseeable future. The Communications Committee proposes that PAMZ provide the information requested to AENV, and ask if PAMZ can retain these funds to do an education and communication program in the zone, which would include human health components. If AENV agrees, the RFP will be revamped to include the development of materials in addition to the website, such as fact sheets.

***The board agreed by consensus that PAMZ should apply to AENV for permission to reallocate the \$40,000 AENV contributed in support of a human health monitoring program to the PAMZ Communications Committee to develop and implement an education plan, with a specific human health component in the materials to be developed.***

The committee is also working on guidelines for the Martha Kostuch Environmental Education Endowment, and will come back to the board with a draft proposal. The committee asked the board for direction on whether the award should be targeted to high school students planning to pursue post-secondary education in environmental issues, or those who are already post-secondary students. Applicants must be from the PAMZ region, but the funds could be used to study anywhere.

***The board agreed by consensus that applicants for the Martha Kostuch Environmental Education award must be high school students from the PAMZ region who are planning to pursue post-secondary education in environmental issues.***

The board suggested that a condition of the award be for the recipient to make a presentation to PAMZ. Once criteria are approved by the board, selection of the recipient will be the responsibility of the Communications Committee. In future, the award could be announced at the AGM. It was noted that a mechanism is needed to ensure that the student actually does enroll and attend a post-secondary institution.

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

Nothing to report.

**3. REPORT ON CASA ACTIVITIES**

- Ambient Monitoring Strategic Plan. The CASA board agreed to accept the consensus recommendations from the team regarding the actual plan. The team was unable to reach consensus on three things:
  - Timing associated with implementation (five years may be too soon)
  - Funding associated with non-point sources and how these funds would be recovered. AENV is considering if it can provide funding in the short term and come up with a mechanism for those sources in the longer term.
  - The percentage of compliance monitoring that would go into the new system.

The AMSP team is in abeyance until after the June CASA board meeting. At that meeting, AENV will present a short-term implementation plan (12-24 months), and preliminary thinking on options for a long term sustainable funding mechanism. The team expects to meet once more to finalize its report. If the funding issues can be resolved, it would help zones in their funding approach and make funding consistent and fair across the province.

- Clean Air Strategy. Kevin previously distributed the most recent draft recommendations for a Clean Air Strategy. Board members should review the draft and either provide “showstopper” type comments to Kevin or go through their stakeholder representatives on the team. The deadline for comments is May 4. It was noted that the final document will not be a Clean Air Strategy, but rather recommendations for a Strategy. AENV will be instituting a cross-ministry process in the Government of Alberta to prepare the actual strategy, and is expected to consult again with the public when the draft strategy is ready in 2010.

- Electricity Framework Five Year Review. Consultations are finished for this project and the team is preparing its final report to the CASA board, for presentation in June.

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

Kevin advised that the AAC is focusing on two key things: finalizing its application to incorporate as a not-for-profit society; and planning the airshed zone conference in Edmonton for Oct 19-20. Two zones have new executive directors: Nadine Blaney with Fort Air Partnership, and Kristina Friesen with Alberta Capital Airshed Alliance.

Those involved in a possible East Central Airshed continue to discuss whether to proceed with airshed formation. The next meeting is May 14. AENV and ERCB have supported the idea and CASA has provided some logistical support.

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

##### **a) Board of Directors Retreat**

Kevin advised that planning is well underway for the retreat. It will be one day, starting at 9:30 am; there will be a short evening session after supper, wrapping up about 7:30 pm. The original budget was based on \$5000 for a facilitator to develop the retreat agenda and two days to facilitate. Venue costs were to be covered by industry and government members attending. By going to one day, the facilitator costs will drop to just under \$3,000. Kevin advised that the full cost of the retreat could now be covered by the original PAMZ budget, and this approach would encourage more board members and alternates to attend.

***The board agreed by consensus that PAMZ would cover the full cost of the board retreat.***

##### **b) CRAZ Boundaries**

Kevin informed the board that the Calgary Regional Airshed Zone (CRAZ) is working to finalize its boundaries to get endorsement from the CASA board in June. CRAZ originally looked at having PAMZ's southern boundary as their northern boundary; they then adjusted it to include most of the Bow Valley (west of Highway 40 and north to 8<sup>th</sup> baseline) and the TWG had no concerns with that boundary. CRAZ is now thinking about including all of the MD of Bighorn, which would have a bigger impact on PAMZ. Kevin asked CRAZ to send PAMZ a formal proposal when they have decided what they want to do, and the board will consider it.

#### **6. NEXT MEETING**

The next meeting will be Wednesday, June 17 in Ponoka. The regular board meeting will go from 3-6 pm, followed by supper and the AGM from 7-8 pm.

**Action 54.1: Kevin will confirm the venue for the June meeting and advise the board.**

The meeting adjourned at 6:15 pm.

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Maria Sharpe of Alberta Sustainable Resource Development gave the board a presentation on prescribed burning. SRD's objectives for a prescribed burn include: increasing variety of wildlife habitat, improving biodiversity, and creating strategic breaks to aid in the control of diseases, pests, and catastrophic wild fires. The presentation also detailed SRD's current and future plans for prescribed burning in the R11 Forestry Management Area including a large 8,000 hectare burn in the Saskatchewan Crossing-Banff Park Boundary area. PAMZ is working with SRD to ensure its Martha Station is in place during the burn planned for May and again later in September if conditions do not allow for a spring burn.