



**Minutes:** Board of Directors Meeting  
**Date:** January 21, 2015  
**Location:** G.H. Dawe Centre, Red Deer

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**In attendance**

Board Members and Alternates:

Bob Bryant, Public/NGO  
 Bonnie Denhaan, Public/NGO  
 Theresa Laing, Government  
 Shane Lamden, Industry  
 Karlee Overgaard, Industry  
 Aaron Rognvaldson, Industry  
 Jim Saltvold, Public/NGO  
 John Tchir, Government  
 Julie Younglove, Industry  
 Kevin Warren, Executive Director

Committee Members:

Lauren Maris, Communications

Meeting Support:

Kim Sanderson

**Not attending**

Jim Ainslie, Public/NGO  
 Kelly Bauer, Government  
 Rod Boshnick, Industry  
 Paul Bradley, Industry  
 Dale Christian, Public/NGO  
 Brian Goliss, Public/NGO  
 Ken Heck, Government  
 Ken Johnston, Government  
 Rhonda King, Government  
 Cora Knutson, Government  
 Jennifer Lutz, Government  
 Alasdair MacKinnon, Public/NGO  
 Dan Richen, Government  
 Barb Shepherd, Government  
 Ed Szymanek, Industry  
 Maria Vavro, Government

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**ACTION ITEM SUMMARY**

Item	Who	Deadline
81.2: Kevin will double check line items 5116 and 5117 in the current financial spreadsheet to ensure that invoices have been correctly assigned.	Kevin Warren	Feb 15, 2015
82.1: Kevin will follow up with Jill Bloor at CRAZ and Rhonda King at AER regarding acquisition of current AER data and copy John Tchir.	Kevin Warren	Feb 15, 2015
82.2: John Tchir will a) identify someone from ESRD Compliance Branch to attend the 2015 issues identification meeting, and b) identify someone from ESRD to join the IRG.	John Tchir	Feb 15, 2015

Aaron Rognvaldson convened the meeting at 3:12 pm. Those present introduced themselves.

**1. ADMINISTRATIVE ITEMS**

**1.1 Approve Agenda**

The CASA Update was removed from the agenda, as no update was received. The financial update will be presented later in the meeting. The amended agenda was approved by consensus.

## 1.2 Minutes of November 19, 2014 Meeting

The minutes of the November 19, 2014 meeting were approved by consensus.

## 1.3 Report on Action Items

Item	Status
81.1: Kevin will send the medium- and long-term objectives from the Ozone Management Plan that were assigned to ESRD to John Tchir.	Done. ESRD is reviewing these items and they will be discussed further at the next TWG meeting.
81.2: Kevin will double check line items 5116 and 5117 in the current financial spreadsheet to ensure that invoices have been correctly assigned.	The bookkeeper is on holidays and Kevin will follow up when she returns. Carry forward.
81.3: Kevin will send out proposed 2015 meeting dates to board members.	Done.

## 1.4 Membership

Kevin advised that membership invoices to the large companies will go out later this week. PAMZ is still waiting for 2013 AER data that is used to determine which smaller companies receive invoices for \$1000. AAC is coordinating the acquisition of this data and Kevin has requested it for PAMZ. If current AER data are not received by mid-February, the same data as last year could be used, but would be three years old. Municipal invoices should be ready before the end of January and payments from the large companies should be coming in by early March. There has been only one changes in ownership among the large companies, the Wilson Creek Gas Plant is no owned by Omers Energy.

**Action 82.1: Kevin will follow up with Jill Bloor at CRAZ and Rhonda King at AER regarding acquisition of current AER data and copy John Tchir.**

## 2. COMMITTEE REPORTS

### a) Technical Working Group (TWG)

Jim Saltvold reported that the TWG met last Friday. The Martha station was installed at the Lancaster site in December and is operational. Riverside and Lancaster operations will be funded through ESRD/AEMERA for the 2015 fiscal year. AEMERA will provide a used CO monitor for Lancaster and will work on getting a new Sharp PM<sub>2.5</sub> monitor in the 2015-16 budget cycle. PAMZ will not require any assistance from ESRD for its core operating budget this year and no special projects will require ESRD funds in 2015. Penngrowth Olds confirmed it will remit its full membership fee for 2015 and will revisit future membership at a later date.

On behalf of PAMZ, Kevin submitted comments on the draft Air Monitoring Directive (AMD) Chapter 9 (Reporting) to ESRD, and he and other airshed representatives met yesterday with ESRD to discuss. The AMD is quite dated and is being upgraded chapter by chapter. ESRD was looking for a much higher level of interpretation and investigation for reported values (e.g., trends) as well as more analysis in airshed annual reports. Most airsheds are not set up to provide interpretation on a 30-day cycle due to timing challenges; further, due to the multi-stakeholder nature of airsheds, there may be different interpretations of the data and implications. Finally, this additional analysis is on top of airsheds' existing workload and would require additional resources. ESRD will consider Airsheds' comments but will not be sending another draft out for formal review; the chapter will be revised and posted for 30 days for comment. ESRD will also be meeting with some industry organizations including CAPP to get their feedback.

The updated draft of the AQM plan was reviewed by six TWG members, and the final plan will be submitted Feb. 1. It was noted that ESRD members of the TWG did not review the draft AQM plan as that was seen by them as a potential conflict of interest, given that ESRD is responsible for approving the plan. The Third Party Quality Assurance Plan Audit was deferred to the second week of February due to holiday schedules.

#### **b) Air Monitoring Program**

Kevin reported on the air monitoring program. At Caroline, levels have been mostly within historical normals since the November meeting except for two PM<sub>2.5</sub> exceedances on Jan. 12. Slash burning is thought to be the source of those emissions. A new Sharp 5030 PM<sub>2.5</sub> monitor, which is the new standard, was installed on Dec. 18 and readings are being compared with the BAM 1020 already in place. Generally, the agreement between the two analyzers is good. PAMZ will continue to collect data from both monitors at that site for at least a year, but only the Sharp data will be reported and it will also be the basis for determining the AQHI.

Observations at Red Deer Riverside have been within historically normal levels since the last board meeting. PAMZ is renegotiating its land use agreement with the City of Red Deer that will also incorporate the Lancaster site; at present the City receives a \$5,500 credit towards its annual PAMZ membership fee, which is typically \$35,000. This is to offset power and other contributions to the site.

The development permit for the Red Deer Lancaster site was issued Dec. 5 and the Martha trailer was relocated from Ponoka on Dec. 10. The site that was approved by the City is on top of the reservoir; the Water Department expressed concerns about the weight of the trailer and would not allow installation until these concerns were addressed. PAMZ temporarily monitored at a site located just off of the reservoir cells until the Water Department was satisfied that the trailer did not exceed the weight-bearing load for the cell roof. The trailer was finally installed at the new site on Dec. 23. The aim is to get a Sharp 5030 PM<sub>2.5</sub> analyzer into this location as soon as possible.

Crossfield levels have been within historical normals since the November meeting, and this station will be removed at the end of March 2015.

Readings for the passive system have been consistent with levels normally seen in October and November. The two mountain park stations (#1 and #2) could not be changed out at the end of November due to a road closure and thus the results will be based on a two-month average. ESRD has been using PAMZ passive data as part of the science work they are doing to develop the PM<sub>2.5</sub> response. The view is that the predominant source responsible for PM<sub>2.5</sub> levels is likely secondary PM<sub>2.5</sub> associated with motor vehicle emissions.

#### **c) Ozone Management Plan and PM<sub>2.5</sub> Plan**

John Tchir advised there was little new to report on the Ozone Management Plan. ESRD is looking at medium- and long-term actions and how soon they can realistically be implemented. An information session on the PM<sub>2.5</sub> Plan was held Jan. 13 with a good turnout from industry, the public and several municipalities. Following several background presentations, there was a description of the process for developing the plan, the role of the information session, and the status of the advisory committee. ESRD has received positive feedback on the session. Then there was a discussion on actions and what companies are

doing and can do to reduce PM<sub>2.5</sub>. Notes from the session will be sent to participants; the notes and presentations will be posted on the PAMZ website.

The advisory committee is holding their second meeting next Wednesday. PAMZ is represented on this committee. They will review the responses from the Jan. 13 session and start to identify potential actions for a plan. Once there is a draft of the full response, another stakeholder information session will be held to present the results and get input. The plan will then be finalized with the advisory committee, and is expected to be completed by June.

#### **d) Communications Committee**

Lauren Maris reported that the Communications Committee received 29 submissions for the annual photo contest, down a bit from last year. She presented the winning photos in two categories (air pollution, and people and the environment); a winner and runner up were selected in each category, and one honourable mention was also chosen. The committee will evaluate the process used and the results and report back to the board on the future of the contest.

Lacombe County is making excellent progress in its idle-free education and outreach initiative and is nearly ready to start collecting baseline information. PAMZ will meet with Sylvan Lake on Friday, where a Council committee will participate as an idle free municipal partner and they have committed some funds. PAMZ has a \$19,000 grant from the Lottery Board to do a pre-survey before any actions are begun.

The City of Red Deer is planning for Clean Air Day on June 3<sup>rd</sup> during Environment Week. In previous years, Nova, the City and PAMZ have collaborated to host a vehicle emissions testing clinic and that is being considered again. Last year, sponsors combined resources to focus on this one day and it worked well. Lauren encouraged PAMZ board members to think about nominating a person or organization as the Action HERO for reducing ozone. Nominations can be emailed to Kevin by the middle of May.

The next newsletter will be out by the end of February. Content suggestions are always welcomed. Lauren also advised of other upcoming events:

- Eco-living Fair on March 21 at Red Deer College. This event will feature vendors and displays and is being combined with World Water Day and Seedy Saturday.
- Earth Hour is on March 29.
- The City of Red Deer will soon be starting its "Composting at Home" program to train residents in home composting. The City is piloting a curbside organics collection program this year.

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

Kevin reported that the IRG met by teleconference on Jan. 14 to a) review outstanding or new issues that might require a response from PAMZ, and b) start the process for the annual issues identification meeting. He noted that the IRG also needs a representative from ESRD.

As described at the November meeting, a resident who lives west of Blackfalds is concerned about air emissions from a tank cleaning facility located immediately to the north. AER has agreed to follow up.

AHS will follow up with the Red Deer resident with respiratory issues, who was also mentioned at the November meeting. A similar situation exists with a resident in Innisfail, and AHS is also following up with that individual.

A new issue was identified by an IRG member who lives near the Apache South Caroline gas plant. No one is on site at this plant overnight, and in the last few months it has frequently gone to flare at night. By the time someone can be contacted, the flaring has been occurring for several hours. Noise and light are the main issues. This is a sour gas facility and is monitored remotely at night. This situation will not require monitoring by PAMZ. The resident has also been working with SPOG on the issue.

The IRG also discussed the location for the 2015 issues identification meeting. In discussing emerging air quality concerns, it was noted that AER indicated there are air quality issues in the Big Valley area about 30 km east of the PAMZ boundary. It is expected that in the very near future, PAMZ will need to consider boundary adjustments in response to discussions with the Alberta Environmental Monitoring, Evaluation and Reporting Agency (AEMERA). Guidelines allow PAMZ to monitor outside its boundaries if required, and holding the meeting in Big Valley would enable PAMZ to get a sense of what the air issues are before exploring boundary expansion that could include this area.

*The Board agreed by consensus to hold the May 2015 issues identification meeting at Big Valley.*

**Action 82.2: John Tchir will a) identify someone from ESRD Compliance Branch to attend the 2015 issues identification meeting, and b) identify someone from ESRD to join the IRG.**

#### **f) Financial Report**

Bob Bryant presented a financial update almost to the end of 2014 and distributed copies of the information. The year ended very close to the budget forecast; PAMZ will likely have a surplus of \$8,000-10,000. Kevin clarified details with respect to timing of some invoices i.e. which ones pertain to 2014 and 2015.

### **3. ALBERTA AIRSHEDS COUNCIL (AAC) – AEMERA PRESENTATION**

AAC has been working on a proposal to AEMERA about how airsheds and AEMERA could work together. After meeting with the airsheds, AEMERA asked the AAC to develop a plan for how AEMERA could work with just one agency (the AAC) and how gaps in provincial coverage of air monitoring could be addressed.

Karla Reesor was engaged by the AAC to connect with each airshed and help put together a plan. Copies of Karla's presentation were circulated to those in attendance. Karla is speaking to each airshed to present the work done to date; AAC wants to hear opinions from each airshed. Based on discussions to date, Karla presented four key topics to be discussed by airsheds:

- Sustainable funding for airsheds
- Full province air monitoring by airsheds
- Clarity on roles and responsibilities (AEMERA, AAC, airsheds, AER, CASA, ESRD)
- Updating the AAC purpose, governance and structure.

Karla described initial ideas as to how the airsheds might address these topics. The intent is that multi-stakeholder groups would look at each issue, and work may be done in two phases. While consensus among airsheds may be the goal, it might not always be possible.

The following points were noted in discussion with the board:

- It seems that AEMERA will be the funding source for airsheds in the future.
- If funds are collected from one region, some assurance will be needed that funds go back to that region.
- The CASA Ambient Monitoring Strategic Plan (AMSP) raised many of these same issues. It should be examined to ensure that the work is integrated if possible and that we build on what has already been done in the AMSP and other studies.
- With respect to boundary adjustments, consideration could be given to aligning with the boundaries in the Land Use Framework.
- Airsheds could add stations outside the current boundaries, then at some point, those new areas may form an airshed. Traditionally, airsheds have been formed where local people have identified issues, and there is also the question of how new stations would be funded. Industry associations are also interested in how a new monitoring system would function.

*The Board agreed by consensus that the approach to date is reasonable, and that PAMZ will:*

- *provide input on the proposed next steps, and*
- *support and engage with other airsheds on each of the four discussion topic processes.*

At a minimum, the Chair or Executive Director should be involved, but PAMZ feels that each airshed does not have to be represented on every group. Once the plan is developed, PAMZ can decide which topics it wants to participate in directly by being part of the group. PAMZ will also need to consider how to communicate with other airsheds in a timely manner and how to get information to and from other committees.

#### **4. OTHER BUSINESS**

There was no other business.

#### **5. NEXT MEETING**

The next board meeting will be held April 15, 2015 at the GH Dawe Centre in Red Deer.

The board meeting adjourned at 5:55 pm.