



PARKLAND AIRSHED MANAGEMENT ZONE TECHNICAL WORKING GROUP (TWG)

MEETING MINUTES

Date: Friday, October 31, 2008
Time: 0900-1200
Location: AEUB, 2nd Floor, 4909 - 49 Street, Red Deer
Chair: Shane Lamden

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|------------|---------------------------|-------------------------|-------------------------|
| Attendees: | Mansoor Ahmad - AENV | Shelise Berteig - Husky | Gary Cross - Focus |
| | Lloyd Cumming - Public | John Drennan - Trident | Harold Gold - Bonavista |
| | Brian Goliss - Shell | Warren Grimes - AENV | Cody Haney - Keyera |
| | Shane Lamden - NOVA | Jennifer Lutz - EUB | Dale Nylund -Taylor |
| | Aaron Rognvaldson - Husky | Al Simcoe - West Fraser | Pam Vust - Red Deer |
| | Kevin Warren - Amarok | Reg Watson - Public | |

Bolded Items are Action Items

1. The meeting was called to order by the chair Shane Lamden at 0900.
2. Those present introduced themselves.
3. The agenda was reviewed and accepted as circulated. with the addition of a discussion of the draft Alberta Environment and Airshed Monitoring Roles and Responsibilities Document under Other Business. Items 7 & 8 were later moved to follow item 10 as Gary Cross was late getting to the meeting.
4. The minutes of the September 26, 2008 meeting were accepted.
5. The status of action items arising from the September 26, 2008 meeting were reviewed.

Kevin will notify AENV of AGAT's refusal to allow third party access to PAMZ's data. **Done.** AENV is currently dealing with AGAT directly to obtain the data.

Shane will table the TWG recommendations for Portables at the November 19 Board Meeting. **Carry Forward.** Brian or Kevin will present as Shane will be away

Kevin, Shane and Shelise will finalize a draft 2009 Operating Budget for discussion at the next PAMZ TWG Meeting. **Done.** Budget will be reviewed later in the meeting

TWG members are asked to review the document and provide comments to Kevin via e-mail. Kevin will assimilate the comments and provide a draft summary to members before sending to AENV prior to October 17 deadline. **Done.** Received comments from two members that were incorporated into his review and sent on to Bettina Mueller.

6. PAMZ AQM Program

All of the ICIS data acquisition systems have been removed from PAMZ's stations and returned to AGAT. AGAT's NO₂ and O₃ analyzers were returned to them. The majority of their gas cylinders have been returned with the exception of those at Riverside and the PAML2. AGAT still has old PAMZ Equipment but they returned Environment Canada's E-BAMS directly to Environment Canada. The Draft PAMZ-Focus contract being reviewed by PAMZ's Lawyer. Kevin is working with matt Eisentraut to draft a PAMZ-MDS Contract for the use and ownership of the MDS software.

6.1 Caroline

All AQM Parameters at the station were down through Sep 1-9 & 11-12 due to problems effects of lightning strike on Aug. 28 and related problems with the data acquisition system. The PM_{2.5} analyzer was also down from Sep 10-19 as tape ran out. The wind speed & direction was down Sep 1-12 until a replacement unit was installed and functioning properly. The RH, Temp & SR were down the entire month, a new Translator & Wind System were installed in October. All air quality levels at the stations have been within historically normal ranges since last meeting with no exceedences.

6.2 Red Deer

From Sep 14-18 the CH₄ Channel of the THC analyzer was down. The THC/CH₄ Span down ran out of gas Oct 24. All air quality levels at the stations have been within historically normal ranges since last meeting with no exceedences.

6.3 Peregrine

Peregrine was installed by AGAT at Bighorn on Aug 27 and relocated to Betchton on Oct 1. The station will move to Niobe on November 5. The Omron data system was down until a memory card was installed on Sep 4. The Wind (ground not connected) & Ozone (wiring) were down Sep 4 -13. The THC was down Sep 9-13 as the Carrier and Zero Air Cylinders Ran Out. All air quality levels at the stations have been within historically normal ranges since last meeting with no exceedences.

6.4 Raven

The station was Relocated from RMH to Morningside October 9. The NO₂ was spanning from 0200-0300 (2 hours daily) from Sep 1-13 as both the ICIS and Analyzer were controlling zero/spans. The PM_{2.5} down Sep 9-25 and Sep 27 – Oct 9 as tape ran out. The THC was received from CD NOVA and installed Sep 25 but did not work and was returned for repairs. The external temp down all of Sep & October (since June), a new sensor has been ordered. The Uninterruptible power supply Failed Oct 25-27 – SO₂, TRS and PM_{2.5} down. All air quality levels at the stations have been within historically normal ranges since last meeting with no exceedences.

6.5 Passives

The August and September results displayed levels and patterns consistent with historical normals.

7. Special Projects

7.1 Tay River Monitoring Program

The Swan Lake station SO₂ was operating at 100% for September. The August and September passive results indicated levels highest near the Ram River Plant.

7.2 Sundre Particulate Monitoring Program

Focus replaced the existing Hi-Vol with an AENV unit and installed a new timer. Focus is providing a Manual Partisol. The first sample was missed in September. At this time it is anticipated the program will run till end of November at a minimum.

7.3 Mercury Deposition Sampling Program

There was no sampling over summer, CGS did not use AGAT or Gary Eitzen. The program resumed in September by Focus. CGS currently has funding until March 31, 2009 and PAMZ will only fund changeouts until then also.

7.4 PAML 2 Red Willow Monitoring

No data for this project has been received from AGAT yet; it is scheduled for removal week of Oct. 10.

8. 2009 PAMZ Operating Budget

Kevin reviewed the draft budget for 2009, noting new items, which include the board workshop, legal fees, and more for communications. Increased expenses for air quality monitoring reflect the increase due to the new contractor. Kevin reviewed the special one-time expenses that were initially planned for 2008 but didn't get done, and the special expenses for the 2009 budget. He is proposing for 2009 to not add any money to the human health program or the capital reserve fund.

The budget for 2009 assumes that some monies from the capital reserve and/or the human health program will be used to cover costs associated with the Focus billing deferment and the data audit. This will keep the fee increase for 2009 to large companies and municipalities to about 10% to meet the proposed budget of \$654,359.

The contract with Focus goes to the end of 2009, but Focus has advised that their costs for 2010 would be limited to inflation. For 2010, PAMZ would see another 10% increase to start putting funds back in the capital reserve.

The TWG agreed with the proposed budget in principle and will leave it to the board to decide how to allocate the capital expense and/or human health funding towards covering some of the 2009 Budget Operating Costs.

9. Ozone Management Plan

PAMZ hired Stantec to prepare a draft Ozone Management Plan, and AENV provided an additional \$20,000 to help cover these costs. The draft plan is due to PAMZ by November 3 and will be reviewed and adjusted by the ozone management committee at a meeting on November 6. Workshops will be held November 18 in Red Deer and Nov. 20 in Olds to get stakeholder feedback on the draft plan. The final plan should be ready for submission to AENV by the December 31, 2008 deadline.

10. Upcoming Events

Bonavista is shutting down Crossfield-Carstairs Plant next week. Gas will be processed at Altagas Harmattan.

Nov. 18 & 20 Ozone Mgmt Plan Meetings – Red Deer & Olds Legions

Nov. 19 Board Meeting – Pioneer Lodge w/ Presentation on Land Use Management Framework

11. Next Meeting

The next meeting will be **Friday, January 16, 2009** from 0900 -1200 hrs at the ERCB Boardroom, Red Deer.

12. Adjournment

The meeting was adjourned at 12:00