



PAMZ Issues Response Group (IRG) Meeting Minutes

Date: February 11, 2008
Location: Johnston Residence, Sundre
Chair: Martha Kostuch, PARC

Members: Wayne Boyd, AENV Brian Goliss, Shell Jennifer Lutz, EUB
Attending: Ila Johnston, Public Wayne Johnston, Public Jim McKinley, NRCB
Kevin Warren, Amarok

Absent w/ Regrets: David McCoy, Husky

Bolded items are action items.

- 1) Martha convened the meeting at 0945 hrs.
- 2) Kevin subconsciously agreed to take minutes.
- 3) The agenda was reviewed, revised and accepted. The following items were added to the agenda under other business:
 - Recent pipeline leak in vicinity of Johnston Residence
 - Update on Martha Portable Station's recent PM_{2.5} exceedences
 - Update on PAMZ presence at Red Deer Home Show
 - Update on PAMZ Human Health Committee
 - Update on PAMZ Ozone Management Committee

Later during the review of action items the PAMZ Issues Survey was added after item 6 on the Agenda.

- 4) The minutes of the August 8, 2007 meeting were accepted by the group.
- 5) The action items arising from the August 8, 2007 meeting were reviewed.
 - Brian will confirm with Kevin that the information collected at the Crowsnest Pass Fire in 2004 was distributed to the TWG. **Done.** The information was reviewed at a TWG meeting.
 - Ron will arrange for the EUB to show their tape of the Rimbey FLIR monitoring survey at the next PAMZ Board meeting September 18th. **Done.** Al Duben gave a presentation at the meeting.
 - Brian to check with Kevin to see if he has extended invitation to Butch Shenfield of SRD to give a presentation on their planned prescribed burns to the TWG. **Done.**

Kevin had not contacted Butch. **Action Item: Kevin will invite Butch to give a presentation to TWG.**

- Jim McKinley will provide NRCB data to Kevin ASAP. Kevin will distribute to the Issues Response Group. **Done**
- Wayne Boyd will discuss the spreading of sludge from the Sundre sewage lagoons with the Town and the timing of future cleaning to allow AENV to schedule their MAML. **Done.** AENV is keeping in touch with Town.
- Brian will discuss with the TWG they consider recommending putting an ozone monitor on Baldy Mountain and that they ask Alberta Environment to provide the ozone monitor. **Done.** TWG approved, board approved subsequently approved 2009 budget that includes funds for the monitoring and Alberta Environment has agreed to provide the O₃ monitor to PAMZ.
- Kevin will follow up with the City of Red Deer to choose a monitoring location to help address issues they may be dealing with. **Done.** At this point it looks like monitoring for 2008 will be done in Edgar Industrial Area and focussed on fine particulate matter.
- Ron will follow up with the report writer concerning an EUB report that indicated there were 45 blowouts in 2006 and report back to Martha. **Carry Forward.** Jennifer will check with Ron.
- Add Issue Survey to the agenda of our February 6th meeting. **Done.**

6) Public Issues Identification Meeting Planning

A preliminary round-table resulted in suggestions from members for four locations:

Bentley

- Public interest in odors from hog farm remains high as evidenced by complaint records
- Kingdom Farms has received a \$300,000 grant to install a biodigester
- PAMZ Board Member and Bentley Council Member, Greg Rathjen has requested air quality monitoring by PAMZ.

Cremona

- This is a small-sized town and an area of the zone where PAMZ has not conducted air quality monitoring to date.

Sundre

- While PAMZ has conducted air quality monitoring in the town and has held board meetings there it has never held an Issues Identification Meeting there.

Olds

- Recent concerns over air quality associated with sewage treatment facilities would insure a good turnout
- PAMZ is scheduled to conduct 3 months of monitoring there in 2008.

After further discussion it was agreed that the Issues Identification Meeting will be held in Bentley on Thursday, May 8 from 6:30-9:00 to allow for a presentation on the biodigester planned for Kingdom Farms. The committee also is recommending that the PAMZ Annual General Meeting in June be held in Olds.

Action Items:

Martha, as IRG chair, will recommend to the board that the 11th PAMZ AGM be held in Olds in June 2008.

Kevin will inform Greg Rathjen of the group's decision to hold the meeting in Bentley.

The PAMZ Communication Committee will arrange the logistics and promotion of the meeting. (Jennifer will book meeting venue).

Martha will talk to John Donner about getting a speaker to talk about the biodigester.

Wayne will talk to Rhonda King about facilitating the meeting.

Jim will arrange for someone from the NRCB to attend the public meeting as he will be unable to attend.

7) Issues Survey

The last Issues Survey was held in the fall of 2005. It was agreed that it was time to hold another Issues Survey. This year there are a number of events where the survey can be distributed: Red Deer Home Show, Big Valley Public Meeting, Shell Open House and SPOG Neighbor's Day. A survey website can be easily set up and linked to from PAMZ Website.

Action Item: Kevin will send 2005 draft of Survey out to members who can review and provide comments within one week so that survey will be ready in time for home show.

8) a) ERCB Big Valley Monitoring Request

At the January 24 board meeting, the ERCB had tabled a request that PAMZ use its Martha Monitoring Station to conduct monitoring in the Big Valley area. The Board sent the request to the IRG to review and decide upon a course of action.

The guidelines for the use of the portable station do allow for its use upon request from a government agency and outside of the zone. After some discussion, the following course of action was agreed upon.

- Alberta Environment will see if their PAML 2 Portable Monitoring Station can quickly be made available for this monitoring as well as funding that would allow PAMZ to operate the station.
- If the PAML 2 is not available PAMZ will conduct two months of monitoring with its Martha Portable and will defer monitoring at the Innisfail (background for Biofuel manufacturing facility) location, originally scheduled for 2008, to 2009.
- Alberta Environment will facilitate discussions re: establishing a new Airshed east of PAMZ

Action Items:

Kevin will send an e-mail/fax to Board informing them of the group's recommended course of action requesting approval via e-mail/fax within one week of notification. No response will be taken as approval.

Wayne will see if PAML 2 is available as well as funding for PAMZ to operate and let Kevin know ASAP.

Kevin will work with the ERCB and make the necessary arrangements for the PAML 2 or Martha Portable depending on the result.

Wayne will see that Alberta Environment facilitates discussions re: establishing a new Airshed east of PAMZ.

b) Pipeline Leak

Wayne and Ila Johnston provided details of a recent pipeline leak at SE4-34-5 W5 and problems they experiences with the company's response and the effects that they are observing in their cattle which began calving the following week. The ERCB is taking the unhappy with the company's response to the event and the Johnston's commended the ERCB on their staff member's (Sharon Pederson) performance during the initial phase of the ERCB's investigation. Both the ERCB and AENV expressed concern over the issue of pipeline maintenance that the incident has raised.

There was also a subsequent well leak in the area, the length of which is under dispute. The Johnston's also have concerns about the steam from the Caroline Gas Plant's cooling towers.

Action Item: Jennifer will share the EUB's incident information with Alberta Environment.

c) Recent PM_{2.5} Exceedences

While at the Kelley Residence during January and early February, the Martha AQM Station recorded several exceedences of the new Hourly and Daily Alberta Ambient Air Quality objectives for Fine Particulate, 80 and 30 µg/m³ respectively. There was also one exceedence each observed at the Caroline and Crossfield-Carstairs locations. The exceedences at the Kelly Residence and Caroline locations were all attributable to biomass burning west of the area which under the right meteorological conditions was feeding smoke into James River valley. The exceedence at Crossfield-Carstairs occurred under inversion conditions and is probably associated with emissions from traffic on Highway 2 and Calgary to some extent.

Action Item: Kevin will contact Alberta Sustainable Resources & Development, Alberta Environment, and West Fraser to arrange a meeting to discuss local biomass burning, its effects and the new PM_{2.5} objective. [Kevin, I would like to attend this meeting if it is held when I am available to attend. Maybe other members of the IRG would be interested in attending the meeting.]

d) Red Deer Home Show

PAMZ will have an information booth at the Red Deer Home Show from March 7-9 and is looking for volunteers to man the booth for a 3-4 hour shift.

Action Item: Jennifer will contact SPOG and inform them about PAMZ's booth and see if they have any literature they would like to have on display.

e) Human Health Committee Update

Martha provided an update on the Human Health Committee's progress on developing a Human Health Monitoring Network. Ming To working with the University of Calgary has provided a proposal to establish a research project that would use modelling and passive data to generate air quality maps of ambient air quality, resident health surveys and indoor air sampling would be used to look for correlations between air quality and health. Alberta Health & Wellness is currently piloting a monitoring program pilot (Alberta Syndromic Surveillance System) for the Capital Health Region focussing on infectious diseases which possibly could be adapted for use in PAMZ. He will be coming to the next HHC meeting to discuss.

Action Item: Kevin will send copy of Ming To's proposal to Jennifer to distribute to those at the ERCB who may be interested in funding a system that could generate air quality maps.

f) Ozone Management Plan Update

PAMZ has signed a contract with AENV that provides it with \$40,000 to help it secure additional resources to develop its ozone management plan. PAMZ is partnering with

the three airsheds in the Edmonton area and possibly CRAZ to hire a contractor to conduct an analysis of ozone exceedence events to determine sources and a second contractor to conduct a review and summary of other air quality management programs, legislation or initiatives that need to be considered in the development of a plan. The PAMZ Ozone Management committee will next meet on February 26 to begin work reviewing a straw dog basic plan that is being developed by Matty Ricci working with Kevin.

g) H₂S Presentation

Jennifer provided details of a presentation being given by Dr. Kaye H. Kilburn and Andrew Nikiforuk on Sour Gas (H₂S) at the annual Surface Rights Federation AGM in Camrose on Feb. 26.

Action Item: Jennifer will e-mail logistical details of the presentation to IRG members.

h) Sarah Hunder's Presentation

Jennifer provided an update on her daughter, Sarah Hunder who recently delivered a presentation to the PAMZ Board on Oxygen and Ozone. Sarah won a public speaking award for a subsequent presentation on Alchemy and also received a mark of 95% in her Grade 9 science course.

9) New Chair

Martha informed the group that due to her failing health this would be her last meeting as chair of the PAMZ Issues Response Group. It is her wish that her replacement be a member of the Public or an NGO. Until a replacement is found Brian Goliss agreed to act as the group's interim chair.

Action Item: All IRG members will actively try to recruit a public or NGO member for the IRG Chair position.

9) Next Meeting

The next meeting will be held Thursday, August 8, 2008 from 2:00-4:30 PM at the Johnston's.

10)Adjournment

The meeting was adjourned at 11:55 hrs.