



PAMZ | Parkland Airshed Management Zone

Minutes: **Issues Response Group Meeting**
Date: **August 8, 2012**
Location: **Johnston Residence, Sundre**

Members	Brian Goliss, Shell	Anne Feddema, Public	Harold Gold, Bonavista
Attending:	Ila Johnston, Public	Wayne Johnston, Public	Kevin Warren, Amarak
	Jim McKinley, NRCB	Dayna Bachmier, AESRD	Tricia Coates, AESRD
	Margo Jacobs, ERCB	Justine Gardener, ERCB	

Absent w/
Regrets Kelly Bauer, AHS Carol Engstrom, Husky

Bolded items are action items.

- 1) In Carol Engstrom's absence, Kevin Warren convened the meeting at 1405 hrs.
- 2) Those present introduced themselves.
- 3) The agenda was approved as circulated with the addition of Plains Pipeline Leak under Other Business.
- 4) The minutes of the February 22, 2012 meeting were accepted by the group.
- 5) The action items arising from the February 22, 2012 meeting were then reviewed.
 - Kevin would contact Ferrier Acres resident and invite her to the upcoming public issues identification meeting in May to raise her issue. **DONE** Resident attended the meeting.
 - Kevin will contact Rhonda King (AESRD) to see if she can facilitate May Issues Identification Meeting in Rocky Mountain House. **DONE** Rhonda facilitated.
 - Kevin will look after booking the May Issues Identification Meeting in Rocky Mountain House and catering. **DONE**
 - Kevin will look after the logistics for a May 23 teleconference. **DROPPED**. Meeting was cancelled.
- 6) Martha Portable Trailer Locations for 2013

The AENV, ERCB, NRCB and SPOG complaint records were reviewed as well as the recommendations of the May 16 Public meeting in Rocky Mountain House.

Rocky Mountain House Public Meeting

Kevin reviewed the issues identified at the May 16 public meeting and the monitoring location recommendations.

The issues identified in this discussion are summarized below:

Transportation

- Vehicle Emissions along Highways
- Vehicle Emissions from idling at truck stops and other locations
- Increased vehicle congestion and emissions associated with transient/holiday traffic
- Fine Particulate Matter (PM2.5) from Diesels
- Dust from Road Construction Activity
- Traffic Congestion

Oil and Gas

- Visible Emissions from Flaring
- SO₂ emissions associated with flares and incinerator stacks
- Improvements made by Oil & Gas Industry
- Extended Production Testing flaring associated with fracking and other operations
- Flaring & venting vs. conservation

Agriculture

- Hog Farm Odours
- Cattle Feedlot Odours
- More smaller cattle feedlots

Human, Animal & Ecosystem Health

- Human Health & Air Quality
- Observed aspen tree dieback in areas of extensive O & G production

Other

- Composting Facility Odours
- Municipal Sewage Treatment Facilities' odours and particulate matter
- Emissions from Industrial Parks (Sylvan Lake, Kuusamo, other)
- Industrial park encroachment on residential areas and vice-versa
- Using more holistic methods to improve air quality (reforestation)
- Ground-level ozone in remote areas
- Ground-level ozone in vicinity and downwind of urban areas with lots of motor vehicles
- Need to better communicate "good news" stories and improvements in area air quality

The final location recommendations along with weighting were:

- 22 Ferrier Acres (during colder months) – Odours, SO₂ emissions suspected
- 10 Sylvan Lake – Industrial development & feedlot emissions and odours
- 9 Rocky Mountain House Area – Extensive new O & G drilling and development
- 8 A location with extensive flaring – Visible emissions
- 8 In vicinity of a Class 2 (non-hazardous materials) Landfill – emissions odours
- 6 In vicinity of a Municipal Sewage Treatment Lagoon – emissions and odours
- 3 Eagle Hill and Harmattan Area – O & G Development
- 3 Alongside major highway (possibly a previous site) – Vehicle emissions and trends
- 2 Bentley – hog farm emissions and odours
- 2 In vicinity of a Cattle Feedlot – emissions and odours

AENV

32 complaints received from June 2011 through May 2012. 11 related to odours, 9 burning, 8 dust, 1 human health, 2 legislation complaints and 1 pesticide overspray. AENV's tracking system does not generate maps of complaint locations.

SPOG

44 of 45 complaints received from SPOG from last meeting through June 2012 related to Odours. 24 of these related to the Plains Midstream Pipeline leak. Excluding the Plains Midstream calls, the overall number is down from previous years.

ERCB

Records were from August 1, 2011 through July 31, 2012. 24 of 120 + complaints related to odours. Of these 10 were related to H2S odours. The only real cluster was in the James River area

NRCB

Records were for 2011 and 2012 calendar years to date. Downward trend in total number of complaints as the Hog Industry is in severe decline/collapse. 428 complaints in the central region were received concerning 75 operations in 2011 and 37 in 2012. Over half concerned hog farm odours and almost were associated with the Kingdom Farms operation near Bentley.

The above recommendations and complaints were reviewed, a summary listing created and weighted by members. The final recommendations of the IRG for 2012 (with weighting) are:

1. Ferrier Acres 11
2. Eagle Hill 9
3. Harmattan 9
4. Sylvan Lake 9
5. Bentley 6
6. RMH Area 6
7. Municipal Sewage Treatment Facility 5
8. Mirror 5
9. Cattle Feedlot 3
10. Location with extensive flaring & visible emissions 3

7) Air Quality Issues Review

Mirror

Kevin lead a review of the history of monitoring at the Mirror site and the recent spate of TRS exceedences. The 2012 schedule was amended to allow the Martha Station to remain at site through July and August. A joint investigation by PAMZ, AESRD and the ERCB, including mobile monitoring by the ERCB, to date has failed to identify source(s). It was agreed that **AESRD will take the lead from hereon in the investigation into the source(s) which is felt to be related to Hamlet of Mirror's Sewage System.** An extension of monitoring by Martha Kostuch station at Mirror into September will require a formal request by AESRD.

8) Other Business

Plains Midstream Pipeline Leak.

It was confirmed by Kevin that the Caroline Station did not experience any elevated pollutant levels that may have arisen as a result of the leak.

9) Next Meetings

The next meeting date will tentatively be a teleconference on Nov. 14, 2012 at 10 AM. The next face-to-face meeting will be February 13, 2013 at 2 PM at the Johnstons' Residence.

10) Adjournment

The meeting was adjourned at 1535 hrs.