



Minutes: **Technical Working Group Meeting**
Date: **June 12, 2015**
Location: **Alberta Energy Regulator Boardroom**
 - Room 213, # 201, 5002 - 55 St Red Deer

Participants:

Neil Berry, AER	Jon Cuttress – WSP	Karen Graham - Husky
Crissy Handziuk, NOVA Chemicals	Max Mazur - AEP	Dale Nylund, Altagas/Taylor
Steve Quine - ME Global	Jim Saltvold - Public	Kevin Warren - Amarok

Bolded Items are Action Items

1. The meeting was called to order by the chair, Jim Saltvold, at 1000 hrs
2. All attendees introduced themselves.
3. The agenda was reviewed and accepted as circulated.
4. The minutes of the April 10, 2015 meeting were approved by consensus.
5. The status of action items arising from the April 10, 2015 meeting was reviewed.
 - Shelley of AEMERA will approach Environment Canada to find out what needs to be done to make the Lancaster station part of the NAPS network **CARRY FORWARD** AEMERA (Marty Collins, Shelley Morris's Replacement) will follow-up once AQM Station is permanently in place at the Lancaster Site
 - AEMERA (Marty) will follow-up on the provision of a Sharp 5030 PM2.5 analyzer at Lancaster at earliest opportunity. **CARRY FORWARD** See above re: NAPS Designation
 - WSP will remove the TEOM FDMS and return to ESRD later in April or early May. **DONE** and returned to AEMERA.
 - Kevin will ensure that revised AQM Plan is submitted to ESRD by April 30 deadline **DONE** Randall Barrett, Regional Director for Red Deer & North Saskatchewan Region of AEP signed off on the PAMZ Air Quality Monitoring Plan on May 19, 2015. Under clause MP 5-B of AMD Chapter 2, PAMZ is required to monitor implementation of the monitoring plan and provide status updates on any changes or additions, as outlined in the Monitoring Plan every six months from May 19, 2015 forward. Kevin is currently preparing a letter to the director requesting no objection to the removal of the two mountain parks' stations from the PAMZ Passive Monitoring Network

6. PAMZ AQM Program

General

- To date, PAMZ has not received operating contracts from Environment and Parks for either the Riverside or Lancaster stations for the 2015 fiscal year (April 1, 2015 – March 31, 2016)
- PAMZ will continue to operate both stations in good faith, as in previous years

Action Item: Kevin will follow up with AEMERA on Status of Contract

- Completion of lease agreement with City of Red Deer not finalized, needs copies of PAMZ - Environment and Parks for the appendix
- Still waiting for decision from Parks on landscaping/fencing for the Lancaster site as well as trenching of permanent power line

Caroline

- Ambient Levels largely within historical normals since April TWG meeting to present
- The new Sharp 5030 PM2.5 analyzer continues to correlate well with the existing BAM 1020 with a general +5% bias since installation.
- The BAM 1020 unit will remain in place until one year of co-located data has been collected.

Riverside

- Levels within historical normals since April TWG meeting to present
- Kevin compared the month PM2.5 averages at Riverside with Lancaster. Trends are similar with Lancaster being consistently higher since January 2015

Lancaster

- Levels within historical normals since April TWG meeting to present
- Seeing elevated TRS (H2S) levels with Southerly winds early in mornings following hot days similar to summer of 2013 – attributing to nocturnal biogenic emissions from wetlands
- To date 2 exceedences (>10 ppb) with several readings > 5 ppb
 - Ref 298595 May 23 0500 13 ppb SE 2 kmph
 - Ref 299284 June 7 0500 12 ppb SE 2 kmph

McCoy Portable

- April 1 – May 5 Eagle Hill South (Gardner Residence)
- May 5 – June 3 Sundre Northeast (Johnston Residence)
- June 3 – July 7 Rimbey South (Kendrew Residence)
- July – September After some discussion it was agreed that the station will be located at the Rimbey Townsite for the third quarter of 2015
- October Eagle Hill South
- November Johnston Residence
- December Rimbey South

Eagle Hill South

- April 1 – May 5 Eagle Hill South (Gardner Residence)
- Located in an area of intense O&G activity
- Originally was looking at a site to address concerns from a resident re: SO₂ Odors they believe are coming from Harmattan area. Negotiations with another resident broke down. Will revisit issue at a later date.
- Levels at or near background for PAMZ region w/ exception of PM_{2.5}
 - April Monthly Average 10.0 ug/m³ – Ag Activity?
 - Caroline 3.27 ug/m³

Sundre Northeast

- June 3 – July 7 Rimbey South (Kendrew Residence)
- Issue is fugitive emissions from oil and gas storage facilities
- Three in immediate vicinity of Kendrew Residence
- Site is located on west Side of Highway 20, no cooperative residents on east side
- Resident has experienced hydrocarbon odours in past “much better these days”
- THC levels show strong urban diurnal pattern, lots of north-northwest winds to date

Passives

Levels and patterns consistent with historical normals for March-April 2015

7. PM_{2.5} Management Response Update

- Max Mazur, ESRD presented draft of science document that had been circulated to the group a few days prior to the meeting. Only Jum had time to review and provide comments. Comments can be provided up to June 19
- The June 9 Workshop was cancelled because of the election call. Public input on the draft response plan will now be collected via individual engagement or via mass amailout and response.

8. OTHER

Issues Identification Meeting Summary

- Held May 13 at the Jubilee Hall in Big Valley
- Dozen attendees who identified issues and possible monitoring locations in addition to a review of the AER, E&P and NRCB Complaint records
- Recommended Sites:
 1. Innisfail – 9
 2. Big Valley – 8
 3. NW of Big Valley – 7
 4. Bentley CFO – 5
 5. Power Plants (Forestburg or Sheerness) – 5
 6. Big Valley Landfill – 1
 7. Nevis Gas Plant – 1

- Recommendation will be reviewed by PAMZ issues Response Group at their August Meeting and assimilated in their 2016 Monitoring Site recommendations

Quality Assurance Plan Audit Summary

- Kevin reviewed the recommendations of the QAP Audit performed by Calvin Consulting.

Action Item: Kevin will see that QAP is updated as per the recommendations and post on website

FAP Passive Correlation Study Request

- FAP would like to place AGAT H2S and SO2 samplers at each of two sites in PAMZ & PAZA where the airsheds are already running passive co-locates with continuous.
- It'll work out to about \$7k for a year of analysis and shipping.
- Is PAMZ willing to contribute your contractor's time to deploy, collect and ship the samples?
- At this point analysis and shipping would be at FAPs expense but they are open to sharing some of the analysis costs.
- The TWG agreed that PAMZ will support the study but not bear any of the additional costs.

AAC-AEMERA Update

- AEMERA wants roles and responsibility forum to be a meeting between AEMERA and AAC only. They are leery of hashing out responsibilities with E&P and AER in the same room considering the fact that they are policy/decision makers, and AEMERAs role is strictly MER.
- After AAC-AEMERA forum to determine R&R between AEMERA, AAC and Airsheds, move to the next step of meeting with other stakeholders (E&P, AER, CASA) to further determine how they would be involved.
- The R&R forum with AEMERA likely won't happen before fall which sets back timing of proposed path forward i.e. 4 working groups by another 3-6 months and will have implications for revenue in 2016 Budgets i.e. Airsheds will probably still collect fees using existing formulae.
- AEMERA wants to do a media release before summer saying that it is working with AAC and supports the work of Airsheds to quell the rumor mill. AAC is insisting on a signed memorandum of understanding first.
- AAC drafted a memorandum of understanding with help from WBEA's lawyer, currently being reviewed by AEMERA. The AAC Executive is meeting with AEMERA to discuss the MOU and path forward on Monday, June 15.
- AAC Exec will meet with CASA, E&P and AER to update them on the path forward with AEMERA.
- AAC has also requested a meeting with the new Minister of E&P, Shannon Phillips
- New Co-Chairs are Gary Redman of ACA, Nadine Blaney of FAP, Secretary

/Treasurer is Elizabeth Bell of PAZ. All 2 year terms

9. Upcoming Events

PAMZ Board Meeting and AGM – June 17 at Best Western in Sylvan Lake

10. Next Meeting

The next meeting of the TWG will be September 18, 2015 at the AER Office in Red Deer.

11. Adjournment

The meeting was adjourned at 11:30 hrs.