



Peace River Area Monitoring Program (PRAMP) Committee  
 Technical Working Group Meeting

June 5, 2018  
 Sawridge Inn and Conference Centre  
 Peace River

Meeting Notes

Attendees:

Name	Sector Group	Organization	Participation
Doug Dallyn, <i>Co-Chair</i>	Public		Director
Reid Glenn	Public		Director
Mark Roberts	Public	MD of Smoky River	Director
Robyn Kutz	Industry	CNRL	Director
Krista Park	Gov	AHS	Director
Vaughn Molen	Gov	AER	Guest
Garrett Tomlinson, <i>Co-Chair</i>	Gov	Lubicon Lake Nation	Director
Karla Reesor		Executive Director	
Mike Bisaga		Technical Program Manager	
Lily Lin		Technical Program Manager	
Brenda Barber		Office Manager	
Chris Wesson		Maxxam	
Cheri Sinclair <i>via Telephone</i>		Maxxam	

Regrets:

Name	Sector Group	Organization	Participation
Anthony Traverse, <i>Treasurer</i>	Industry	Baytex Energy	Director

***These notes are provided as a summary of discussions of the PRAMP Technical Working Group. The views and ideas noted do not necessarily reflect the perspective of each Committee member. Decisions are taken by consensus.***

Meeting called to order at 9:10 by Mike Bisaga.

**1. Approve Agenda**

**Motion to approve the agenda by Krista Park. No Blocks**

## 2. Approval of Minutes

*Minutes were provided prior to the meeting.*

**Motion to approve the minutes by Doug Dallyn. No Blocks**

## 3. Action Items

**GOA logos to signs** – signage has been revised and presented to the TWG. Small changes suggested to the sign: add the name of the station, colour the canola flower in the the PRAMP logo, remove the “Click or Call to” wording. Mike will have revised.

**Phone Number** – has been set up and is on our website and will be included on the signs.

**Canister Trigger** – looking for a trigger based on methane, have been trying to determine a trigger based on our own data.

- Looked at summary stats for methane, quite low, considered a background measurement.
- There is no correlation between methane and non-methane hydro-carbons (NMHC).
- AER has identified some issues with the methane (processes and systems) that increase the probability of methane emissions.
- Possible to set a trigger on TRS (trace level analyzer); the lab can speciate the reduced sulfurs.
- Have not looked at the correlation between NMHC and Total Reduced Sulphurs (TRS);

**Action Item:** Mike and Lily will make a recommendation on a methane-based trigger for the canister program. The same trigger will be set at all the stations.

**Action Item:** Mike and Lily will review the relationship between TRS and NHMC concentrations and report back to the TWG at the next meeting.

**Action Item:** Mike and Lily will research the additional cost to continuously monitor VOCs.

**Motion to have Mike and Lily identify multiple triggers for methane and NMHC by Doug Dallyn. Carried.**

S02 is not of much interest to the public, it is of interest to AER. TRS values are very low. A lot of other airsheds report TRS as H2S. If values went up, we would investigate.

## 4. Administration

- AEP Contract – We have received our contract extension to the end of June; have not received the 2018/19 contract yet, but we hope to have it before the beginning of July.
- Lily and Mike went to WBEA (Wood Buffalo) for an information session. The summary is on the members’ portal.
- Efficiency and effectiveness of being able to share resources with other airsheds.
- Karla and CNRL are working on a contract to move the PRC station to PRAMP.

## 5. Canister Sampling Program

- There was a training session yesterday with the individuals who collect the canisters. The Chain of Custody Protocol was provided prior to the meeting.
- We will be getting one person (contract) to change the canisters and to look after the passive network.

## 6. Continuous Monitoring Program

*The dashboard for April and May 2018 were provided prior to the meeting.*

- Chris Wesson from Maxxam reviewed the dashboard information as posted.

- In June, the 842 station will not meet 90% uptime for methane/non-methane due to an analyzer failure.
- Maxxam produces the dashboard with raw data to meet our meeting requirement of the 15<sup>th</sup> of the month. Dashboard reports are tools for interpreting data; this data is corrected to align with the monthly reports.

**Action Item:** Maxxam will put a disclaimer that the instantaneous hourly max data is raw on the dashboards going forward.

## 7. Data Acquisition

- 842 and 986 station enclosures are tentatively scheduled to be replaced in July 2018. Throughout the network, dataloggers, will also be upgraded. These changes will not impact the dashboard.

*A draft Portable Station Locating Procedure was provided prior to the meeting.*

- This document is based on what other airsheds use to prioritize the portable deployment.

**Action Item:** The TWG will review prior to the September meeting.

- Mike and Lily have updated the methane concentrations at 986 around cattle near the site.
- AER has indicated they are sending out investigators when there are elevated readings at 986.
- AER is concerned that the data is not accurate if it is measuring the methane from cattle; not from industry (if there is a higher reading for methane from industry at the same time, it cannot be determined what is industry and what is cows).
- There is a camera at the station to see what is around the station, Mike and Lily (or Doug) could be contacted to determine if the cause is cows.

## 8. Annual Report

*The Table of Contents for the draft Annual Report was provided prior to the meeting.*

- Mike plans to have the draft of the Annual Report to the TWG before the end of June.
- Mike and Lily are working on a historical dashboard report to show the history of monitoring data and compare it to other variables including regional production, weather patterns, etc.
- In last year's annual report, historical monitoring data were included; the dashboard Mike is developing will stand alone from the AR as it has a different reporting objective; the historical dashboard will not be available for review until September.

## 9. Passive Monitoring Program

- No update to report.

## 10. Daily Zero/Span Checks

*The presentation by Maxxam was provided prior to the meeting.*

Chris Wesson provided information on Daily Zero/Span checks

- The checks are used as a guideline for what the analyzer is doing; they are done for quality control.
- The checks identify potential equipment failure and can use to determine a point of failure.

## 11. Roundtable

Robyn Kutz – the AMD Chapter 9 changes will affect PRAMP. Changes will be on the monthly report format. Mike and Lily will work with Maxxam to make all necessary changes to meet AMD Chapter 9 requirements.

## 12. Next Meeting Date

The next meeting date will be September 26, 2018 in Peace River.

Meeting adjourned at 11:50 am by Garrett Tomlinson.

Action Item Number	Action Item Description	Status
<b>New Action Items</b>		
2018-06-01	Mike and Lily will make a recommendation on a methane-based trigger for the canister program. The same trigger will be set at all the stations.	NEW
2018-06-02	Mike and Lily will review the relationship between TRS and NHMC concentrations and report back to the TWG at the next meeting.	NEW
2018-06-02	Mike and Lily will research the additional cost to continuously monitor VOCs	NEW
2018-06-03	Maxxam will put a disclaimer that the data is raw on the dashboards going forward	NEW
2018-06-04	The TWG will review the Portable Station Locating Procedure prior to the September meeting	NEW
<b>Completed Action Items</b>		
2018-03-01	Mike will talk to Bob Myrick about adding the government logo to the signs.	
2018-03-02	Karla and Brenda will research a menu option phone number	
2018-03-03	Mike will review the history of data and based on conversations today will come back with a recommendation.	
2018-01-05	Mike will come back to the TWG with recommendations on reasonable trigger levels	
2018-01-01	Maxxam will trigger the canisters that are set to expire as a test.	
2018-01-02	Mike will resend the sensor drawings to Reid	
2018-01-03	Mike will do research on signs and/or wraps for the stations	
2018-01-04	Mike will look into a second trigger on canisters related to hydro-carbons	
2017-11-01	Mike will add the approval process to the TORs. Will send with the draft minutes for approval.	
2017-11-02	Mike will make a recommendation to the Board on the procedures for the TWG to report to the Board	

2017-11-03	<b>Lily</b> will ask Maxxam to provide a system design including the location of the new sensor. The <b>TWG</b> will approve via email before Maxxam does the installation.	
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