Peace River Area Monitoring Program (PRAMP) Committee

Technical Working Group Meeting

September 26, 2018

Sawridge Inn and Conference Centre

Peace River

# Meeting Notes

Attendees:

|  |  |  |  |
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| **Name** | **Sector Group** | **Organization** | **Participation** |
| Doug Dallyn, *Co-Chair* | Public |  | Director |
| Reid Glenn | Public |  | Director |
| Blair Fortin | Industry | Trevita | Member |
| Robyn Kutz | Industry | CNRL | Director |
| Andrew Looseley | Industry | Baytex consultant |  |
| Anthony Traverse | Industry | Baytex | Director |
| Art Laurin | Industry | Obsidian | Co-Director |
| Kenda Friesen *via telephone* | Industry | Obsidian | Co-Director |
| Elvis Thomas | Public | Woodland Cree | Guest |
| Vaughn Molen | Gov | AER | Guest |
| Bob Myrick *via telephone* | GOV | AEP | Guest |
|  |  |  |  |
| Karla Reesor |  | Executive Director |  |
| Mike Bisaga |  | Technical Program Manager |  |
| Lily Lin |  | Technical Program Manager |  |
| Brenda Barber |  | Office Manager |  |
| Robert Fischer *via telephone* |  | Maxxam |  |

Regrets:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Sector Group** | **Organization** | **Participation** |
| Krista Park | Gov | AHS | Director |
| Mark Roberts | Public | MD of Smoky River | Director |
| Garrett Tomlinson, *Co-Chair* | Gov | Lubicon Lake Nation | 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 1:04 by Mike Bisaga.

## Approve Agenda

Add discussion item (2.4) location of Station 986

**Motion to approve the agenda by Doug Dallyn/Reid Glenn. No Blocks**

## Approval of Minutes

*Minutes were provided prior to the meeting.*

**Motion to approve the minutes from June 5, 2018 by Anthony Traverse. No Blocks**

## Action Items

**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.* Recommendation document was posted on the portal; will review later in the meeting

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

**Action Item:** *Mike and Lily will research the additional cost to continuously monitor VOCs.* Have received a quote, it will be posted on the portal. Analyzer costs between $75,000 – $80,000; Mike will be polling other airsheds to get more information on operation.

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

**Action Item: Portable location priority –** has been posted on the portal; will review later in the meeting.

**Action Item:** *The* ***TWG*** *will review the Portable Station Locating Procedure prior to the September meeting* The TWG will review prior to the September meeting

## Administration

* Update on 2018/19 contracts and funding. The three year AEP contract was signed in July. Funding is reviewed on an annual basis.
* Still moving ahead with the CNRL contract. Legal council from both CNRL and PRAMP are involved. Operating procedures will need to be developed for compliance reporting.
* AEP has a committee to review and standardize the Oilsands Monitoring standard operating procedures. Airshed representatives are from LICA, WBEA and PRAMP.
* The SOPs used by Maxxam are proprietary, and there is no transparency with PRAMP. We will be revising the contract to include the OSM SOPs and service standards.
* We hoped to have a new contract with Maxxam at the same time as we take over the CNRL station. Lily is drafting a penalties clause for the new contract to address downtime issues.
* The TWG would like to eventually purchase own equipment to move away from rental from Maxxam.
* There is an Ambient Air Quality Objectives review committee within AEP. H2S and TRS parameters are being review this year. The proposed objective is based on a 30 minute average (5ppb) guideline. Once Mike and Lily get supporting documentation on the proposed average they will share it with the TWG.

## Continuous Monitoring Program

*The dashboard for May through July2018 were provided prior to the meeting.*

* Robert Fischer talked through the information provided on the May through July dashboard reports posted on the Members’ Portal.

## Data Acquisition

* With the installation of the new dataloggers, a number of corrective actions have been taken to address gas depletion and associated downtime including the development of alarm flags to address failures, and implement a part change out schedule to be proactive.
* New dataloggers have more channels capability to monitor gasses but also support systems.

## Annual Report

* Draft Annual Report has been completed; same format as last year
* No major content change requests
* Discussion around narrative of the Reno station (closer to industrial sources) and the other stations (much further from industrial sources).
* Starting to look at population when siting trailers, but do not provide conclusions of health impacts on populations; may look at in the future.
* Commentary of reasons why air quality is monitored in other airsheds (i.e. air quality issues).
* Production and activity related information could be added into the report next year.
* Mike will continue to take comments from the TWG
* The plan will need to go through an approval process with AEP.

## Canisters

* Action item for Mike to provide a recommendation of methane based trigger levels.
* Triggers would be predominately at Reno station
* Mike provided a graph of potential triggers based 5 minute average measurements of 5ppm to 6ppm.
* Concern would be that all of the canisters would be captured at Reno.
* Will determine if speciation could be done triggers canisters to determine source.
* Mike has provided a recommendation based on the budget restrictions.
* Would like to determine if its possible to do a speciation study at the same time.
* The TWG is supportive of the recommendation of canister triggers at the 5.5 ppm level.
* Further recommendation to cost the speciation study.
* Relationship between TRS and non-hydrocarbons will be addressed by email.

## Portable station Site Selection

* Planning to move the 986 station and need to determine how to do it. The location of the stations needs to align with the monitoring plan.
* We could look at making 986 another portable station as it is on wheels.
* Recommend move 986 for a short term (i.e. 12 to 16 months).
* Electricity is an issue for placement.
* Procedure for siting of the portable was provided on the portal.
* Trends cannot be determined for anything less than 1 year of continuous data
* Recommendation for length of placement by the TWG is a minimum of 18 months
* Recommendation that the Site Selection document be presented to the Board for approval. No blocks
* TWG recommend 986 stay in the same area it is in for a short term (1 year or so) to provide time to do an in-depth evaluation. No blocks
* Any suggestions for locations should be provided to Mike.
* Mike reviewed the draft options for the portable monitor wrap. Recommendations can be forwarded to Mike.

## Roundtable

Reid good progress today

Karla next meeting. We are thinking of holding the TWG meeting at a different time than the Board meeting (i.e. the month before) to provide time for Mike and Lily to prepare information for the Board

Vaughn – September 30 is the deadline for 30% conservation to reduce odours. Procedures and controls in place to control odours. There is a disconnect that a number of licensees with showing the control is functional. Will provide the studies from Clearstone for the website.

Elvis – agree with 18 months for the portable. There is a cost to moving it.

Doug – in favour of moving the meetings a month apart

Andrew, first meeting person. PRAMP Committee should be proud of what has been accomplished.

Anthony – 18 months for the station is good. Separating meetings is good. May want to consider screen sharing

Robyn – agree with the separate meetings.

Blair – nothing to add

Art – first TWG meeting. Annual report looks good – section 6 talks about province wide, would be good to add to conclusion.

Kenda – good meeting

## Next Meeting Date

The next meeting date will be decided by a doodle poll.

Meeting adjourned at 4:46 by Mike Bisaga.

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| **Action Item Number** | **Action Item Description** | **Status** |
| **New Action Items** | | |
|  |  |  |
| **Completed Action Items** | | |
| 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. |  |
| 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. |  |
| 2018-06-02 | Mike and Lily will research the additional cost to continuously monitor VOCs |  |
| 2018-06-03 | **Maxxam** will put a disclaimer that the data is raw on the dashboards going forward |  |
| 2018-06-04 | The **TWG** will review the Portable Station Locating Procedure prior to the September meeting |  |
| 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 | **Lily** will ask Maxxam to provide a system design including the location of the new sensor. The **TWG** will approve via email before Maxxam does the installation. |  |