Peace River Area Monitoring Program (PRAMP) Committee

Technical Working Group Meeting

December 4, 2019

Tele-conference

# Meeting Notes

Attendees:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Sector Group** | **Organization** | **Participation** |
| Doug Dallyn | Public |  | Director |
|  |  |  |  |
| Anthony Traverse | Industry | Baytex Energy | Director |
| Matt Flette |  | CNRL | Director |
| Jeff?? |  | CNRL | Member |
| Blair Fortin | Industry | Trevita | Member |
|  |  |  |  |
| Krista Park | Gov | AHS | Director |
| Michael Haltiner | GOV | AER | Guest |
|  |  |  |  |
| Mike Bisaga |  | Technical Program Manager |  |
| Lily Lin |  | Technical Program Manager |  |
| Brenda Barber |  | Office Manager |  |
| Reid Glenn |  | Field Technician |  |

Regrets:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Sector Group** | **Organization** | **Participation** |
| Garrett Tomlinson | Gov | Metis Nation, Region 6 | Director |
| Elvis Thomas | Public | Woodland Cree | Director |
| Karla Reesor |  | Executive 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.***

**1.1 Approve Agenda**

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

**1.2 Approval of Minutes**

*Minutes were provided prior to the meeting.*

**Motion to approve the May 15, 2019 Minutes by Anthony Traverse. No Blocks.**

**1.3 Action Items**

* **Mike will follow up with Northern Sunrise County about dust control at Codette Lake –** the County and Woodland Cree both do dust suppression on the road near the trailer. It has only been there for the fall but we expect there are enough controls in place**.**
* **CNRL power meter at old 986 location** – Matt Flette indicated they would be discussing internally.

### **2 Standing Business**

**2.1 Administration and Planning**

2018-19 Contracts

* in November PRAMP signed a contract with AEP to the end of March 2023.
* The contract includes the purchase of equipment to move from the premium rental rates we pay to a third party contractor.
* There is a clause in the contract that allows for the amount of the contract to change.

2020/2021 Workplan

* There is a meeting on December 17 in Calgary, the Oilsands Secretariat is bringing the oilsands technical group together to get a better idea of what monitoring may look like for PRAMP.
* Expect to see the results from the network optimization report

Education and Outreach Grant

* PRAMP approved for a four year grant, we have not received the draft grant yet
* The grant will allow PRAMP to continue outreach for the foreseeable future.
* Anyone in the technical group aware of events PRAMP can participate in, please let Karla know.

**2.2 Continuous Monitoring Program**

Dashboard Reports

* All of the Dashboard Reports are available on the website. The AQHI data will be available on the November report.

Operation Issues

* One power issue at 986 likely caused by an animal on the power line.

Procurement plan

* Lily and Mike are working on an equipment purchase plan.
* We have purchased two stations – the AQHI station, as well as one other that will replace one of the rented station. We are in the process of purchasing a 3rd station.
* We are working on purchasing equipment to outfit the stations.

Reno Siting

* In the 2018 AEP audit there were two siting issues related to trees at 986 and Reno.
* one has been addressed; we moved the 986 station.
* For the Reno Station issue
  + We have asked AEP if we can move the wind tower, but have not received a clear answer from AEP.
  + We could purchase a higher tower, although our third party contractor may not be able to service it; taller towers can be very expensive (guide wires, cement pilings)
  + We could move the station, entirely, we would need to do a siting plan – ensure there is a clear area without any trees
  + We could co-deploy a second trailer to a nearby site (SW of where the trailer is now) to determine if its possible to eventually decommission the third party run trailer.

**Action item: Mike and Lily will develop a proposal for a co-deployment with objective to address siting issues at Reno. Timeline is end of January**

**2.3 Canister Sampling Program**

Review canister results

* Intention to run the methane based trigger component for the rest of the fiscal year and do an isotopic analysis and provide a recommendation to the Board.
* Onboarding of Field Assistant – main component of position is to be responsible for canister program. We are working through a few issues. Lily has developed a number of checklists and Mike will be meeting with him this week to do a six month review.

**2.4 New Business**

PAC Sampling (Polycyclic compounds)

* Project with ECCC and AEP
* Will be mounted on one of our monitoring stations, currently AEP wants to put it on Reno, but Mike will talk to them prior to installing it.
* We have received the sample media and samples.
* Deployed for two years. Samples are collected every 2 months

Purple Air

* Monitors Particulate Matter
* Very cheap
* There are a couple of stations where the units have been co-located to track to see how accurate the data is
* The data is near real time on a website
* We are looking for places to locate the units
* Grimshaw is interested in having on in the town
* Two other locations that may be interested is St. Isadore (Timothy Feedlot) and Nampa, Northern Sunrise County (Silica Plant), Peace River

### **3 Closing**

**3.1 Roundtable**

Doug – asked about trees at Cadotte.

**Action Item: Mike will follow up with Elvis about the tree issue at Woodland Cree**

**3.2 Next Meeting**

There will be some correspondence regarding the Reno issue. We will doodle for a meeting for the week of February 10 or 24 by telephone.

**3.3 Adjournment**

Meeting adjourned at 10:32 am by Mike Bisaga.

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| --- | --- | --- |
| **Action Item Number** | **Action Item Description** | **Status** |
| **New Action Items** | | |
| 2019-12-01 | Mike and Lily will develop a proposal for a co-deployment with objective to address siting issues at Reno. Timeline is end of January | **NEW** |
| 2019-12-02 | Mike will follow up with Elvis about the tree issue at Woodland Cree | **NEW** |
| **Completed Action Items** | | |
| 2019-05-01 | Mike will talk to Corinna Williams to see if the County will willing to do dust control at preferred AQHI trailer site at Codette Lake. |  |
| 2019-05-02 | Karla will speak to CNRL to see what they wish to do with the power meter at 986B. |  |
| 2019-01-01 | Mike will follow up with the other property owners (where stations are located) and discuss the option of payment for land rental. |  |
| 2019-01-01 | Lily and Mike will explore the cost of adding precipitation readings (rain gauges) to the entire network. |  |
| 2019-01-01 | Mike and Lily will prepare a one page document on recommended site for the AQHI trailer for Board, members and municipalities. |  |
| 2019-01-01 | Mike and Karla will look into the information to be provided to AER on background canisters. |  |
| 2018-11-01 | **PRAMP** staff will continue to work with legal counsel to develop a new contract with Maxxam going forward |  |
| 2018-11-02 | **Mike and Lily** to pursue option 1 and move on to second if it doesn’t work out for relocation of station 986 |  |
| 2018-11-03 | **Lily and Mike** will apply the matrix to the sites identified within the TWG for the siting of the portable monitor |  |
| 2018-11-04 | **Lily** will send the siting requirement document for the portable monitor to Elvis Thomas |  |
| 2018-11-05 | **Krista** will request a comprehensive document of the canister sampling program including the review of each canister with Laurie Cheperdak |  |
| 2018-11-06 | **Brenda** will provide Laurie Cheperdak’s email address to TWG |  |
| 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. |  |