Peace River Area Monitoring Program (PRAMP) Committee

Technical Working Group Meeting

May 17, 2021

Zoom Video Conference

# Meeting Notes

Attendees:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Sector Group** | **Organization** | **Participation** |
| Elvis Thomas | Public | Woodland Cree | Director |
|  |  |  |  |
| Anthony Traverse  | Industry | Baytex Energy | Director |
|  |  |  |  |
| Andy Trudeau | GOV | MD Smoky River | Director |
| Krista Park | Gov | AHS | Director |
| Laurie Cheperdak | GOV | Alberta Health | Guest |
| Madhan Selvaraj | GOV | AEP | Guest |
| Mike Brown | GOV | AER | Guest |
|  |  |  |  |
| Karla Reesor |  | Executive Director |  |
| Mike Bisaga |  | Technical Program Manager |  |
| Lily Lin |  | Technical Program Manager |  |
| Brenda Barber |  | Office Manager |  |
| Dwayne Stepaniuk |  | Field Technician |  |

Regrets:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Sector Group** | **Organization** | **Participation** |
| Garrett Tomlinson | Gov | Metis Nation, Region 6 | Director |
| Doug Dallyn | Public |  | Director |
| Gaylene Whitehead | Gov | Northern Sunrise County | Director |
| Matt Flette | Industry | CNRL | 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 Introductions**

**1.2 Approve Agenda**

No additions to the Agenda

**Motion to approve the agenda by Anthony Traverse**

**1.3 Approval of Minutes**

*Minutes were provided prior to the meeting.*

Laurie Cheperdak’s name is incorrect; organization is Alberta Health.

**Motion to approve the April 15, 2021 Minutes by Krista Park. No blocks**

**1.4 Action Items**

* The order of the stations on the dashboard has not been completed; dashboard would have to be rebuilt
* Map with current facility information has been completed
* AEP to share modeling is still in process

### **2 Standing Business**

**2.1 Administration and Planning**

OSM Process for 2021-22

* AEP has indicated the workplans would be approved in May. We have not indication of the workplan approval or any budget adjustments.

**2.2 Continuous Monitoring Program**

Dashboard Reports

*The April dashboard report were posted on the Members Portal.*

986

* Hydrocarbon analyzer failed due to gas depletion. 23 hours of downtime
* The precipitation sensor was activated in April, but data was invalidated due to low temperature. A new sensor will be installed

842

* Power outage at the beginning of the month, resulted in four hours downtime.
* THC analyzer failed due to gas depletion. 23 hours downtime.

Reno

* Data logger affected by Windows update; 1 to 23 hours of downtime recorded

AQHI

* A number of power outage events affected met data (14 hours downtime);
* TRS analyzer issues do to unstable power; 18 hours downtime.
* UPS unit will be installed to correct issue of unstable power supply.
* THC analyzer failed due to faulty pressure transducer; 20 hours downtime.

Review canister results

* No canisters recorded in April.

Observations in Data

* In April the elevated TRS levels subsided. We will continue to watch in the month of May

Reno Siting

* Current Reno site has tree issues, power needs to be upgraded for new trailer and road needs to be repairs (and possibly extended)
* One member recommended that the trailer stays on Baytex land; they remove the trees and PRAMP pay an annual lease.
* Proposed site has tree that were already topped.
* Proposed location and existing location are very similar with industrial activity. There are more residents in the area of the proposed location.
* Proposed costs to move to new site, between 26,200 – 70,000; proposed costs to stay at existing site, between 72,500 – 92,500
* A request can be given to the MD to move the road and culvert (by the landowner).
* Round table for input into the 2 sites; there doesn’t appear to be any blocks to either location.
* Co-located monitoring can be adapted to two to six months.

**Moton to recommend to the Board that the Reno station be moved to the new location with the expectation there would be an overlap in monitoring for up to six months by Andy Trudeau. No blocks**

AQHI Re-deployment

* At the last meeting we walked through the scoring matrix based on feedback from stakeholders and stakeholder groups.
* There are a few locations where dust can be addressed with small sensors.
* The updated map was presented showing wells that are active or suspended.
* The recommendation to update the scoring matrix to include modelling. We would like to recommend to the TWG that the matrix be changed in future (changes over the next year +) and that we move forward with one of the sites proposed in the matrix for this year.
* The TWG supports the use of the existing matrix for the re-deployment of the station but

**Action item: Mike and Lily will review and revise the AQHI re-deployment matrix over the next year.**

* Grimshaw was the location that scored the highest on our matrix. Other locations that were identified were the Pulp Mill in Peace River which already has monitoring.

**Motion to move the AQHI station to Grimshaw by Krista Park/Andy Trudeau. No blocks**

* If there are any costs which may be outside of the existing budget, the Board will approve.
* We will be working with the Town of Grimshaw to determine a suitable location. The timeline is likely to be June or July.

**2.3 Trailer Wrap**

* The newest PRAMP owned monitoring trailer is ready to be outfitted (trailer and equipment purchased and received).
* Presented a number of photos that could be used for the new trailer. Photos of the Peace River, a bee on canola, trembling aspens and a sunset rainbow.
* Mike and Lily make the decision on the final photo and work with the designer.

### **Closing**

Either a written update or a meeting will be called as needed.

**Adjournment**

Meeting adjourned at 3:03 pm.

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| --- | --- | --- |
| **Action Item Number** | **Action Item Description** | **Status** |
| **New Action Items** |
| **2021-05-01** | **Mike and Lily will review and revise the AQHI re-deployment matrix over the next year** | **New** |
| **2021-04-03** | **Madhan will pull the emissions and modelling information and provide it to Mike.** | **Ongoing** |
| **Completed Action Items** |
| 2021-04-01 | Mike and Lily will change the order of stations on the dashboard (move the PRC station to the end as we do not have data) |  |
| 2021-04-02 | Mike will update the map with the industry facilities |  |
| 2021-04-04 | Mike will walk Madhan through the proposed site to ensure that AEP doesn’t have any issues with it. |  |
| 2020-12-01 | Karla will develop a letter to send to our partners and stakeholders about the criteria on setting up the portable AQHI monitor |  |
| 2020-12-02 | Karla will provide Gaylene Whitehead with the membership form. |  |
| 2020-09-01 | Mike and Lily will get a quote for the removal of the trees at the current Reno monitoring site, and review all other costs; including power and road upgrade the site |  |
| 2020-09-02 | Mike will ask the landowner if it would be possible to site the new Reno station across the road from the location originally looked at. |  |
| 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 |  |
| 2019-12-02 | Mike will follow up with Elvis about the tree issue at Woodland Cree |  |
| 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. |  |