

Budget and Work Planning Update for April 1, 2023

PRAMP Board Meeting
September 27, 2022



pramp

PEACE RIVER AREA MONITORING PROGRAM

Overview

- PRAMP is in the final year of a 4-year operating contract with OSM/AEP
- ***Current 2022-23 budget of \$840K is \$350K lower than PRAMP's 2019-20 budget***
- Capital replacement plan has resulted in a significantly reduced on-going budget
- OSM planning is underway now
- PRAMP's new multi-year budget will be submitted in late October



OSM Scope of Work ... *excerpt 1*

What is the overall monitoring purpose of this Theme Area (Air and Deposition)?

- The overall purpose of the Air and Deposition theme is to understand the **source of contaminants** to the air, as well as their **transport, transformation** processes, and **fate**. There are two core work plans that fulfill this purpose: i) Atmospheric Pollutant Active Monitoring Network (A-LTM-S-1) and ii) Integrated Atmospheric Deposition Monitoring (A-PD-6).



OSM Scope of Work ... *excerpt 2*

What are the specific deliverables/outcomes?

- **Continuous** Ambient Air Monitoring Stations: **air pollutant concentrations** and **meteorology** are monitored continuously and reported in-near real time. Parameters are **monitored using commercially available analyzers** that comply with Alberta's Air Monitoring Directive. Some stations have **semi-continuous air monitoring** of speciated VOCs and RSCs. (NAOS, SAOS, CLBR, Peace; continuous hourly measurements)



OSM Scope of Work ... *excerpt 3*

- Provide **representative ambient concentrations** in **populated areas** to inform human health risk assessments and provide the public with near real-time air quality indicators through the **Air Quality Health Index (AQHI)** or Fort McKay Air Quality Index (FMAQI).
- Provide ambient concentrations to help understand the impact of **multiple sources** on air quality (including **odours**) in the Oil Sands region, including the ability to **distinguish between oil sands** specific sources of emissions and emissions from **other natural** and **anthropogenic sources**.



OSM Scope of Work ... *excerpt 4*

- An overarching goal of the OSMP is to understand **cumulative effects** in the region.
- The Air TAC will work on **quantifying baseline, limits of change**, and power analysis, which have yet to be defined or implemented within the context of the OSMP. This work will support the program-wide transition to an **Adaptive Monitoring Framework** (AMF).



Staff Planning Assumptions

1. Status quo in the monitoring program – the number of stations and parameters monitored will not increase or decrease
2. Any decisions the Board makes to implement changes from the Network Assessment will be adaptively managed in the work plan/budget



Overhead view of Station 986c deployment



Staff Planning Assumptions

3. Staff will continue to look for efficiencies and cost reductions for service delivery
4. An inflation adjustment will be included in year over year cost changes (inflation rate to be discussed with other Airsheds and OSM)



Station 842b



OSM Key Dates

- Launch of 2023-24 Work Plan Process, with completed Scope of Work templates included as direction for Project Leads to follow in developing 2023-24 work plans (**September 19**)
- Project Leads submit 2023-24 Work Plans to the Program Office (**October 20**)
- Program Office provides submitted workplans to TACs for review and workplan completeness check in response to scope of work (**early November**)



Next Steps

- Staff will prepare a new 3-5 year budget and work plan
- Staff will share the draft budget with the Board prior to submitting to OSM
- Budget will be provided to OSM by late October



Reno-Area Cold Heavy Oil Pad



Decision Requested

Board to direct staff to prepare a 3 to 5-year budget based on the assumptions noted

