



**PRAMP Board Meeting
December 1, 2021**

Item 4B: PRAMP Operating Plan 2021-2023

For Discussion: Staff has provided an updated Operating Plan to reflect results achieved from April 1, 2021 to October 31, 2021.

Introduction

Based on the Goals and Strategies approved at the June 24 meeting, staff prepared the 2021-23 Operating Plan to describe the Actions and Timing to achieve the Goals and Strategies. It is a working document for PRAMP staff.

Goal			
1. Evidence-driven verification that air quality in the Peace River area is at acceptable levels and that emissions are being minimized			
Strategies	Actions	Timing	Update 31October2021
1.1 Conduct a Monitoring Network Assessment that includes: <ul style="list-style-type: none"> • the level of monitoring appropriate for heavy oil production in light of current conditions • changes appropriate for the network if the two Mercer stations, the PRC station and passive monitors are added to the PRAMP network 	<ul style="list-style-type: none"> • Prepare project plan, form project team, draft RFP (September) • Issue RFP and assess results (October) • Compile PRAMP data (October) • Select contractor (Nov) • Implement Project Plan (Nov/Dec) 	Sept 2021 to May 2022 <i>(option to split cost between 2 fiscal years depending on budget availability)</i>	<ul style="list-style-type: none"> • Revised schedule • TWG discussion on objectives and approach on November 10 • Board meeting discussion December 1
1.2 Assess results of the Network Assessment and implement changes as determined by the Board	<ul style="list-style-type: none"> • Present results to the Board 	May 2022	Timing TBD



<p>1.3 Assess the costs and benefits for PRAMP, Mercer and the community if PRAMP were to assume operation of the Mercer air monitoring network</p>	<ul style="list-style-type: none"> • With Mercer, establish and implement approach to evaluate monitoring options 	<p>Fall 2021</p>	<p>Meeting with Mercer in November</p>
<p>1.4 Determine whether the two Mercer stations will be incorporated into the PRAMP network</p>	<ul style="list-style-type: none"> • Present options to the Board for Mercer stations 	<p>Jan 2022</p>	<p>Timing may be delayed</p>
<p>1.5 Maintain operation of all PRAMP air monitoring stations to achieve the objectives of the OSM contract and in compliance with the Air Monitoring Directive unless or until a change in the network is decided by the Board and informed by the Network Assessment</p>	<ul style="list-style-type: none"> • Operate and maintain the Peace River area continuous monitorings stations: <ul style="list-style-type: none"> ○ Reno ○ 986 ○ 842 ○ AQHI station • Oversee routine calibrations and preventative maintenance for all stations in the PRAMP network in accordance with the Air Monitoring Directive (AMD) • Relocate stations as needed to remain in compliance with the AMD and to respect landowner interests. • Operate passive monitoring stations in the Peace River area (<i>when PRAMP assumes operation of the PRC passive network</i>) • Participate in Oil Sands Monitoring (OSM) Program and Alberta Airsheds Council 	<p>On-going</p>	<ul style="list-style-type: none"> • AQHI station to be moved to Grimshaw in November • Reno siting discussed with TWG in November



	committees and activities related to optimizing and improving the active air and atmospheric deposition monitoring network in the Peace River area.		
1.6 Data reporting meets or exceeds provincial requirements and regulatory compliance commitments	<ul style="list-style-type: none"> • Meet or exceed AMD requirements with real-time air quality data to AEP as well as monthly and annual reports. • Prepare an Annual Data Review for the previous two calendar years (by September). 	On-going	All requirements met
1.7 Data is analyzed to confirm that results do not exceed Alberta Ambient Air Quality Objectives and Guidelines and Canadian Ambient Air Quality Standards where applicable	<ul style="list-style-type: none"> • Report exceedances of the AAAQO Objectives and Guidelines and CAAQS 	On-going	April 1 to Oct 31 – 25 exceedances (including uptime less than 90%) and all were reported to AEP in accordance with AMD
Goal			
2. Residents and stakeholders have timely access to air quality data and information in a manner that is readily understood			
Strategies	Actions	Timing	Update 31October2021
2.1 Engage stakeholders to identify areas for improvement with PRAMP communications (website, newsletter, social media)	<ul style="list-style-type: none"> • Conduct survey to identify key information for stakeholders and preferred communication channels. 	Winter 2022	
2.2 Develop an Indigenous Outreach Plan	<ul style="list-style-type: none"> • Prepare contact list for Indigenous communities 	Fall 2021	Assessing options to hire Indigenous engagement staff



	<p>within or near PRAMP boundaries.</p> <ul style="list-style-type: none"> Identify approaches to engage in 2-way dialogue with Indigenous communities within or close to PRAMP boundaries. 		
1.7 Micro-sensors, passive monitors and other low cost monitors are deployed to address community concerns and to assess viability of lower cost monitoring	<ul style="list-style-type: none"> Deploy 3 additional PurpleAir particulate matter monitors in locations with existing wifi and power sources. Assess options for tracking and sharing PurpleAir data 	On-going	Currently have sensors at Reno, Nampa, 986, AQHI station and 2 in Peace River. Staff are working to stabilize the sensors and improve reliability.
1.8 Deliver timely, relevant and accessible air quality data so that residents can make informed choices in support of human health and the environment	<ul style="list-style-type: none"> Provide near real-time air quality data on the PRAMP website. Provide AQHI data on the PRAMP website, social media and local radio. 	On-going	AQHI lantern set up at PR Health Centre. Planning for a lantern in Grimshaw.
Goal			
3. Educators, community groups and citizens can access resources to increase understanding of and promote healthy air quality			
Strategies	Actions	Timing	Update 31October2021
3.1 Develop and implement audience-specific approaches to improve air quality literacy in the Peace River area	<ul style="list-style-type: none"> Update the Education and Outreach Work Plan to reflect changes in Goals and Strategies. Deliver at least 15 in-person or virtual learning events and assess outcomes. Prepare quarterly newsletters and at least 3 social media posts each week. 	On-going	<ul style="list-style-type: none"> Virtual learning sessions on air quality, vermicomposting and making recycled paper on-going Spring and fall newsletters complete Annual Report and 5-year history document complete



<p>3.2 Establish and maintain relationships with educators, community groups, municipalities, Indigenous communities and environmental groups in order to raise awareness about air quality, understand any air quality concerns and foster partnerships to achieve mutual</p>	<ul style="list-style-type: none"> Engage with all municipalities and Indigenous communities within PRAMP boundaries at least once each year. Reach out to all schools within PRAMP boundaries to explore opportunities for learning events and partnerships. Host or participate in at least 3 community events each year. 	<p>On-going</p>	<ul style="list-style-type: none"> Thank you letter and PRAMP calendar, Annual Report and 5-year history document sent to approx. 40 stakeholders Contact with all schools Engagement with municipalities planned for Jan/Feb 2022
Goal			
4. Recognized as an independent not-for-profit organization and Airshed that is focused on continuous improvement and responsible leadership in air quality monitoring			
Strategies	Actions	Timing	Update 31October2021
<p>4.1 Develop a consolidated Operating Plan that includes Oil Sands Monitoring requirements, any other monitoring, outreach and governance initiatives</p>	<ul style="list-style-type: none"> Share Operating Plan with the Board. Track progress of the plan at Board meetings. 	<p>Fall 2021</p>	<ul style="list-style-type: none"> Operating plan updated and discussed at Dec Board meeting
<p>4.2 Engage with and support the Alberta Airsheds Council (AAC) and Clean Air Strategic Alliance (CASA) to leverage shared communication resources, promote air monitoring excellence and advance the effectiveness and efficiency of PRAMP and other Airsheds</p>	<ul style="list-style-type: none"> Support Executive Director taking on Co-chair role for Alberta Airsheds Council (AAC). Participate in AAC Board, Partner, Technical Committee and Communications Committee meetings. 	<p>On-going</p>	<ul style="list-style-type: none"> Multiple AAC Board and Partner meetings AAC Annual Data Review complete