



**PRAMP Board Meeting
June 15, 2022**

Item 5A: PRAMP Operating Plan 2021-2023

For Discussion: Staff is providing an updated Operating Plan to reflect results achieved up to May 31, 2022.

Introduction

Based on the Goals and Strategies approved at the June 24, 2021 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 31May2022
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 Sept 2022 (<i>costs allocated between 2 fiscal years</i>)	<ul style="list-style-type: none"> • Phase 1 results shared with TWG in March 2022 • Phase 2 results anticipated in June 2022 • Report anticipated in July 2022
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 	Fall 2022	Board discussions – summer and fall 2022



<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>Summer 2022</p>	<ul style="list-style-type: none"> • Met with Mercer in November 2021 • PRAMP conducted audit for Mercer in Dec/Jan • Meeting with Mercer to discuss next steps – June 2022
<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>Fall 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 monitoring 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 	<p>On-going</p>	<ul style="list-style-type: none"> • Monitoring program at Cadotte Lake concluded on Nov 23. AQHI station moved to Grimshaw and operational on Dec 1 • PRAMP assumed operations of the PRC monitoring station and passive network on March 1, 2022 • Reno station expected to be operational at new site in June 2022 • QAP audit complete in April 2022; plan for implementation of recommendations will be set in Fall 2022



	and Alberta Airsheds Council 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	<p>All requirements met.</p> <p>New initiative – PRAMP Technical Program Managers proactively developed new process to review PRAMP data that aligns with new AEP annual data review methodology</p>
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	<p>April 1 to Oct 31 – 25 contraventions (including uptime less than 90%) and all were reported to AEP in accordance with AMD</p> <p>November 1 to April 30, 2022 – 3 contraventions and all were uptime less than 90%; all were reported to AEP in accordance with AMD</p>
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 31May2022
2.1 Engage stakeholders to identify areas for improvement with	<ul style="list-style-type: none"> Conduct survey to identify key information for 	Winter 2022	Deferred to 2022/23 (will be confirmed after grant funds are received)



PRAMP communications (website, newsletter, social media)	stakeholders and preferred communication channels.		
2.2 Develop an Indigenous Outreach Plan	<ul style="list-style-type: none"> • Prepare contact list for Indigenous communities within or near PRAMP boundaries. • Identify approaches to engage in 2-way dialogue with Indigenous communities within or close to PRAMP boundaries. 	Fall 2022	Assessing options for conducting Indigenous Outreach
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	<p>Currently have sensors at Reno, Nampa, 986, 842, Grimshaw and 2 in Peace River.</p> <p>Additional sensors may be located at MD of Peace Office and Cadotte Lake.</p>
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	<p>AQHI lanterns:</p> <ul style="list-style-type: none"> - PR Health Centre (Fall 2021) - Grimshaw Library (Winter 2022) - Northern Sunrise County Office (Spring 2022) <p>Planning for a lantern at Cadotte Lake</p>
Goal			
3. Educators, community groups and citizens can access resources to increase understanding of and promote healthy air quality			
Strategies	Actions	Timing	Update 31May2022
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. 	On-going	<ul style="list-style-type: none"> • Virtual learning sessions on air quality, vermicomposting and making recycled paper on-going • Winter newsletter sent and Summer newsletter targeted for June 2022



	<ul style="list-style-type: none"> • 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. 		<ul style="list-style-type: none"> • 2020-21 Annual Report and 5-year history document complete • 2021-22 Annual Report in progress and will be complete by Sept 2022
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	<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. 	On-going	<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 • Presentations to municipalities: <ul style="list-style-type: none"> ○ Northern Sunrise County (April) ○ Town of Grimshaw (April) ○ MD of Peace (April) ○ MD of Smoky River (June) ○ Town of Peace River (offer extended in April) • AGM and in-person community event planned for September 2022 (Grimshaw)
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 31May2022
4.1 Develop a consolidated Operating Plan that includes Oil Sands Monitoring requirements, any other monitoring, outreach and governance initiatives	<ul style="list-style-type: none"> • Share Operating Plan with the Board. • Track progress of the plan at Board meetings. 	Fall 2021	<ul style="list-style-type: none"> • Operating Plan updated and reviewed at Dec Board meeting • Operating Plan updated and reviewed at June 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• Represented AAC at 2-day meeting with the AER's Multi-stakeholder Engagement Advisory Committee (May 2022)
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