



**PRAMP Board Meeting
May 8, 2024**

Item 4A: PRAMP Operating Plan 2024-2027

For Discussion: Staff is providing an new Operating Plan to implement the Board’s Strategic Plan for 2024-2027

Introduction

Staff has prepared the 2024-27 Operating Plan to describe the Actions and Timing to achieve the Board’s 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	Status April 30, 2024
1.1 Implement recommendations from the 2022 Network Assessment as determined by the Board	<ul style="list-style-type: none"> Revisit recommendations with the TWG in Q2/Q3 2024 	On-going	Working with CNRL to review options for passive monitors at PRC site; CNRL considering options.
1.2 Assess options for AQHI monitoring for the Town of Peace River	<ul style="list-style-type: none"> Continue discussions with AEPA and Mercer to evaluate options for PRAMP to incorporate Mercer’s air monitoring stations into the PRAMP network Assess option of adding an alternative monitoring device (e.g., Aeroqual) to provide additional AQHI monitoring in the region 	On-going Summer 2024	Continuing discussions with AEPA and Mercer.



<p>1.3 Maintain operation of all PRAMP air monitoring stations to achieve the objectives of the OSM contract and in compliance with the Air Monitoring Directive</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 ○ PRC • 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 • Participate in Oil Sands Monitoring (OSM) Program 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 	<p>On-going</p>	<p>Consultation for next location of Portable AQHI Station conducted in Spring 2023 and will be revisited in Summer 2024.</p>
<p>1.4 Data reporting meets or exceeds provincial requirements and regulatory compliance commitments</p>	<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 of each year) 	<p>On-going</p>	<p>All requirements met.</p>



			Annual Data Review draft report for 2022-2023 will be shared with the TWG in September 2024.
1.5 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 generate data needed for determination of CAAQS achievement 	On-going	All requirements met.
1.6 Implement recommendations from Quality Assurance Program (QAP) audit	<ul style="list-style-type: none"> Develop a multi-year plan for implementation of recommendations Engage 3rd party to support QAP revisions 	Summer 2024 Summer 2024	QAP audit completed in April 2022. Request for expressions of interest to provide implementation support sent out May 10, 2024.
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 30April2024
2.1 Continue to build relationships with Indigenous communities within PRAMP's area.	<ul style="list-style-type: none"> Visit communities and schools Participate in Indigenous community events 	On-going	Visited Duncan's First Nation, Woodland Cree First Nation and Little Buffalo First Nation in April 2024; provided updated information about PRAMP and PurpleAir sensors. Seeking opportunity to participate in Treaty Days and Peace River Pow Wow.
2.2 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 additional PurpleAir particulate matter monitors in locations with existing wifi and power sources 	On-going	New partnership with Holy Family Catholic School Division to install sensors on or near schools (Peace River, Grimshaw, Manning). Working with Duncan's First Nation to install a PurpleAir sensor.



			Sensors discussed with Little Buffalo, Peace Regional School Division, County of Northern Lights.
2.3 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. • Develop possible AQHI lantern sponsorship program • Develop approach for AQHI lanterns to share data from local PurpleAir sensors • Add PurpleAir data to PRAMP website 	<p>On-going</p> <p>On-going</p> <p>Spring 2024</p> <p>Summer 2024</p> <p>Fall 2024</p>	<p>6 new AQHI lanterns purchased for deployment in 2024.</p> <p>AQHI lantern sponsorship options reviewed by Board in May 2024.</p> <p>PRAMP website review in progress.</p>
Goal			
3. Educators, community groups and citizens can access resources to increase understanding of and promote healthy air quality			
Strategies	Actions	Timing	Update 30April2024
3.1 Develop and implement audience-specific approaches to improve air quality literacy in the Peace River area	<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. 	On-going	<ul style="list-style-type: none"> • Continuing to offer community and school learning sessions on air quality, vermicomposting and making recycled paper • New materials and images developed to help people make informed health decisions during wildfire smoke events. • Spring newsletter May 2024.
3.2 Establish and maintain relationships with educators, community groups, municipalities, Indigenous communities and environmental	<ul style="list-style-type: none"> • Engage with all municipalities and Indigenous communities within PRAMP boundaries at least once each year. 	On-going	<p>Participation at:</p> <ul style="list-style-type: none"> • Teachers' Convention Grande Prairie (Mar 2023)



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"> 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. 		<ul style="list-style-type: none"> Peace River Spring Trade Show (April 2024 – 200+ interactions) Grimshaw Trade Show (May 2024)
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 30April2024
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. 	On-going	<ul style="list-style-type: none"> Operating Plan updated and reviewed at May 2024 Board meeting
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	<ul style="list-style-type: none"> Support Executive Director taking on leadership roles for Alberta Airsheds Council (AAC). Participate in AAC Board, Partner, Technical Committee and Communications Committee meetings. 	On-going	<ul style="list-style-type: none"> Multiple AAC Board and Partner meetings Represented AAC at March workshop hosted by the AER Participate on AAC Conference Planning, Technical and Communications Committees
4.3 Maintain relevant Strategic Plan, policies and procedures to be in compliance with contractual expectations and to establish effective governance	<ul style="list-style-type: none"> Conduct Board review of PRAMP Policies at least once every 2 years Create new policies as needs arise 	On-going	<ul style="list-style-type: none"> Vision and Mission revised in December 2023