

ANNUAL REPORT TO THE COMMUNITY

APRIL 1, 2021 TO MARCH 31, 2022



Monitoring air quality to support
a healthy environment in the
Peace River Area.



pramp
PEACE RIVER AREA MONITORING PROGRAM



COMMITTED TO COLLABORATION MESSAGE FROM THE EXECUTIVE

With insights from PRAMP's stakeholders and members, the Board of Directors reviewed and updated our organizational goals for 2021 to 2023. The new goals reflect PRAMP's role as an Airshed that monitors emissions from heavy oil and also provides information about ambient air quality in support of healthy air quality for the region.

OUR GOALS

1. Evidence-driven verification that air quality in the Peace River area is at acceptable levels and that emissions are being minimized.
2. Residents and stakeholders have timely access to air quality data and information in a manner that is readily understood.
3. Educators, community groups, and citizens can access resources to increase understanding of and promote healthy air quality.
4. Recognized as an independent not-for-profit organization and Airshed that is focused on continuous improvement and responsible leadership in air quality monitoring.

The new goals guide PRAMP's day-to-day monitoring, reporting, and outreach work, all of which is made possible through funding from the Oil Sands Monitoring program and Alberta Environment and Parks. PRAMP also benefits from in-kind support of community members, companies, local schools, libraries, municipalities, Indigenous communities, and provincial government departments. Monitoring in the Peace River area began as a collaborative effort and we are committed to continue that collaboration in the years ahead.

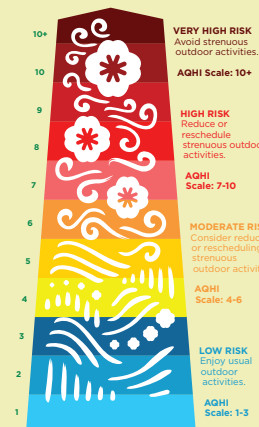
Amanda Peardon, Co-chair, Industry
Doug Dallyn, Co-chair, Community
Garrett Tomlinson, Co-chair, Government
Shelly Shannon, Secretary/Treasurer



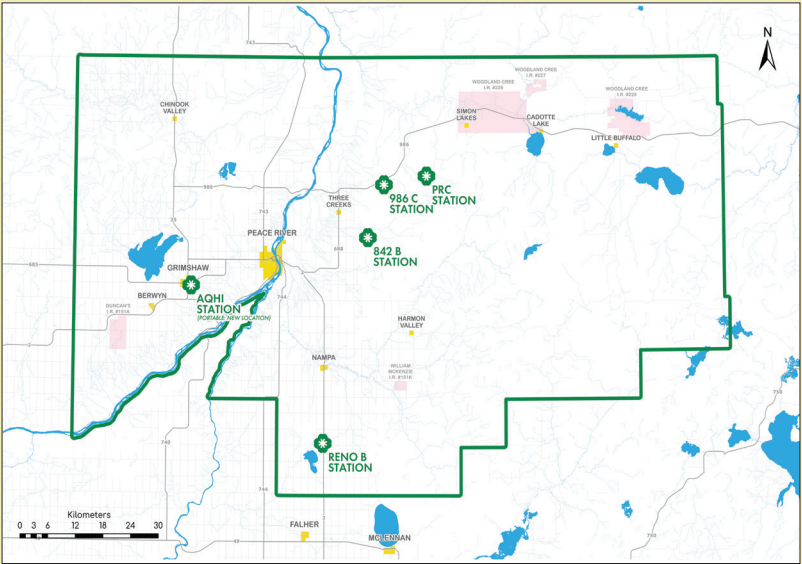
OUTREACH & EDUCATION HIGHLIGHTS

PRAMP enjoyed another successful year engaging and educating the community on air quality issues.

- Celebrating Clean Air Day, PRAMP's annual photo contest received many impressive photos taken of the Peace River area.
- Handmade papermaking workshops were offered at the Peace River Public Library and in schools to encourage students and community members to reduce paper waste and turn used paper into unique sheets of handmade paper.
- Vermicomposting workshops were held throughout the year in Grimshaw, Peace River, and Fairview offering tips on how to turn food waste into rich soil.
- PRAMP's fifth anniversary was commemorated by a five-year history brochure and 2022 calendar featuring photos gathered through our previous photo contests depicting the beauty of our region.
- PRAMP continued to offer information through presentations and @prampairshed updates on Facebook, Twitter, and Instagram on our activities for students and community members.
- Colour-changing Air Quality Health Index (AQHI) lanterns were hosted by Grimshaw Municipal Library and Peace River Community Health Centre to raise awareness of area air quality.



PRAMP MONITORING BOUNDARIES & STATION LOCATIONS



MONITORING HIGHLIGHTS

PRAMP continued to operate its air monitoring stations to achieve the objectives of the Oil Sands Monitoring program, and in compliance with the Alberta Air Monitoring Directive. There were two key changes in the monitoring program in 2021-22:

- After concluding a planned two-year monitoring program at Cadotte Lake in November 2021, the portable Air Quality Health Index (AQHI) station was moved to a site next to the Town of Grimshaw office. PRAMP will consult with stakeholders to determine the next location for the station in 2023.
- In March 2022, PRAMP took over the operation of the Canadian Natural air monitoring station and passive sampling network at the Peace River Complex (PRC). The data from the PRC station is now available at PrampAirshed.ca and will provide valuable information about air quality and emissions for the community.

As a result of PRAMP’s strategic planning discussions, a Network Assessment has been initiated. A neutral third-party contractor will assess the level of air monitoring that is appropriate for heavy oil production in light of current air quality conditions and industry conservation levels.

Analysis will also be conducted on changes appropriate for the monitoring network with the addition of the PRC station and the possible addition of air monitoring currently conducted by the local pulp mill operator. The results of the Network Assessment will be available in 2022.

MONITORING PARAMETERS

Monitoring Method	Parameter	Station Name							
		986c	842b	Reno b	PRC	AQHI (Grimshaw)	Peace River (above valley)	Peace River (in valley)	Nampa
Continuous	Sulphur Dioxide	✓	✓	✓	✓	✓			
	Hydrogen Sulphide				✓				
	Total Reduced Sulphurs	✓	✓	✓	✓	✓			
	Hydrocarbons Total Methane, & Non-Methane	✓	✓	✓	✓	✓			
	Oxides of Nitrogen Total Nitric Oxide, Nitrogen Dioxide					✓			
	Ozone					✓			
	Fine Particulate Matter Particles ≤ 2.5 Microns in Diameter					✓			
	Wind Speed & Direction	✓	✓	✓	✓	✓			
	Precipitation	✓	✓	✓					
	Climate Variables Temperature, Relative Humidity, Barometric Pressure	✓	✓	✓	✓	✓			
	Air Quality Health Index (AQHI) Third-Party Calculated Multi-Parameter Index					✓			
Intermittent	Non-Methane Hydrocarbon Canister	✓	✓	✓					
Passive	Polycyclic Aromatic Compounds	✓							
	Hydrogen Sulphide, Sulphur Dioxide				✓				
Small Sensor	Fine Particulate Matter Particles ≤ 2.5 Microns in Diameter	✓	✓	✓		✓	✓	✓	✓
	Climate Variables Temperature, Relative Humidity	✓	✓	✓		✓	✓	✓	✓
	Air Quality Health Index Plus (AQHI+) Third-Party Calculated Single-Parameter Index	✓	✓	✓		✓	✓	✓	✓

PRAMP SUMMARY OF REVENUE AND EXPENSES

April 1, 2021 to March 31, 2022

Revenue	2021-22
Oil Sands Monitoring Service Contract	824,589
Education and Outreach Grant	51,098
Monitoring and Reporting Expenses	
Monitoring Expenses	77,648
Station Management	248,897
Program Management	183,000
Report Production	60,700
Network Assessment	15,188
Amortization	137,869
Society (Office) Management	62,195
Capital Acquisitions	79,088
Total Contract Expenses	864,585
Education and Outreach Grant Expenses	
Outreach Materials and Promotion	10,326
Planning and Delivery	18,060
Advertising	9,552
Community Events and Travel	6,732
Photography and Supplies	6,428
Total Grant Expenses	51,098

THANK YOU MEMBERS & SUPPORTERS

GOVERNMENT

- Alberta Energy Regulator
- Alberta Environment and Parks
- Alberta Health
- Alberta Health Services
- Métis Nation of Alberta, Region 6
- MD of Smoky River
- MD of Peace, No. 135
- Northern Sunrise County
- Town of Falher
- Town of Grimshaw
- Woodland Cree First Nation

COMMUNITY

- Public Members
- NAIT Centre for Boreal Research
- Grimshaw Municipal Library
- Peace River Public Library
- Peace Regional Eco Centre

INDUSTRY

- Baytex Energy
- Canadian Natural
- Obsidian Energy
- Tervita
- Islander Oil and Gas

BOARD OF DIRECTORS

Doug Dallyn
Co-chair, Community

Amanda Peardon
Co-chair, Industry
(Baytex Energy)

Garrett Tomlinson
Co-chair, Government
(Métis Nation of Alberta, Region 6)

Shelly Shannon
Secretary/Treasurer,
Community

Brian Allen
Director, Government
(Town of Grimshaw)

Kenda Friesen & Art Laurin
Directors, Industry
(Obsidian Energy)

Arlen Hogg
Director, Industry
(CNRL)

Jason Javos
Director, Government
(Northern Sunrise County)

Kevin Kemball
Director, Community
(NAIT Centre for Boreal Research)

Krista Park
Director, Government
(Alberta Health Services)

Elvis Thomas
Director, Government
(Woodland Cree First Nation)

Andy Trudeau
Director, Government
(MD of Smoky River)

CONTACT US

Visit our website PrampAirshed.ca for live air quality data, AQHI ratings, Dashboard Reports, resources and updates. Sign up for our quarterly newsletter!

Karla Reesor, Executive Director
karla@prampairshed.ca

Michael Bisaga & Lily Lin,
Technical Program Managers
pramptech@prampairshed.ca

Brenda Barber, Office Manager
officemanager@prampairshed.ca

Eileen Coristine, Education & Outreach Coordinator
outreach@prampairshed.ca

Follow us on Twitter, Instagram and Facebook@prampairshed

ph: 780-625-2900



Scan to visit
prampairshed.ca