

Item 2A - PRAMP Goal Results Summary LOOKING BACK

(Based on stakeholder input and discussion at March 24, 2021 PRAMP meeting)

Goals	Outcomes March 2021
<p><i>1. Assist in verifying that air quality is improving, and odours are being minimized as a result of operational and regulatory improvements.</i></p> <p>Continuous ambient monitoring results for total hydrocarbon, non-methane hydrocarbon and sulphur compounds will be analyzed to determine trends over time. Odour complaints will be correlated to monitoring results to verify that operational and regulatory improvements are effective.</p>	<ul style="list-style-type: none"> ▪ Science-based data from the 4 air monitoring stations and the decline in odour complaints indicates that this goal is being achieved.
<p><i>2. Operate transparently and give residents and stakeholders timely access to data and information in a manner that is readily understood.</i></p> <p>PRAMP’s operation will be transparent to the members and the public. A communication plan will be developed to provide real-time access to monitoring data on a website. Regular, readily understood summaries of monitoring results from Goal #1, 3 and 4 will also be provided.</p>	<ul style="list-style-type: none"> ▪ Daily reports and website information meet residents and stakeholders needs for timely and credible data.
<p><i>3. Demonstrate that operators have effective control mechanisms.</i></p> <p>The ambient monitoring results and odour complaints will be analyzed to determine if source control mechanisms for emissions result in improved air quality (see Goal #1 above). Results of AER odour inspection sweeps of facilities will be reported.</p>	<ul style="list-style-type: none"> ▪ PRAMP cannot confirm the effectiveness of the control mechanism other than by pointing to the air quality outcomes. ▪ Air quality indicators have improved significantly between 2010 and 2021 and have been relatively stable from mid-2014 onwards. This timeframe coincides with Directive 84 requirements for industry to reduce venting and transition to conservation.
<p><i>4. Verify that air quality is at acceptable levels and that emissions residents are exposed to are below toxic thresholds.</i></p> <p>Canister sampling for volatile organic compounds and reduced sulphur compound concentrations will be compared to health exposure thresholds defined by Alberta</p>	<ul style="list-style-type: none"> ▪ As a result of data from PRAMP triggered canisters, Alberta Health has been able to confirm that samples do not exceed health exposure thresholds. More fulsome analysis from Alberta Health is in progress.

<p>Health. Alberta Health will review relevant information available from other jurisdictions and recommend suitable health exposure thresholds. PRAMP will compare measured compound concentrations to the recommended exposure thresholds to provide an indicator of what compounds are a potential health concern. Odour thresholds from the Proceeding and the Stantec report will also be compared to measurements.</p>	<ul style="list-style-type: none"> ▪ Canister data is valuable for people in the Peace River area and for people in other parts of the province experiencing similar thresholds and emissions.
<p><i>5. Maintain its status as an independent Not-for-Profit Organization and Airshed that is focused on continuous improvement and responsible growth.</i></p> <p>Based on the outcome of Goals 1, 3 and 4, PRAMP may modify the monitoring network and the canister sampling/analysis program, recommend additional studies for specific compounds, and/or recommend further emission source controls.</p>	<ul style="list-style-type: none"> ▪ The strategic planning initiative is an indication that PRAMP is focused on continuous improvement and responsible growth.