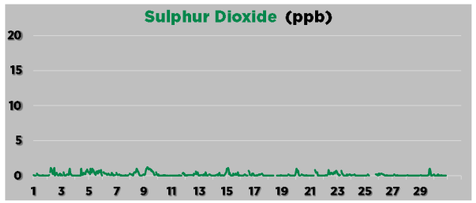
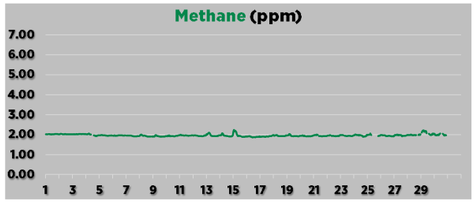
June 2026: Active Monitoring Program

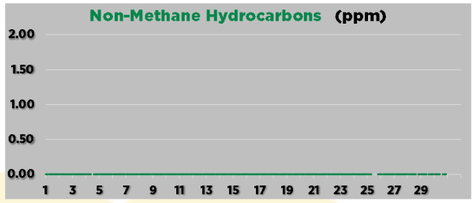
Celebrating 10 years

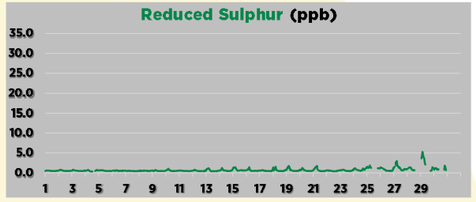
pramp
PEACE RIVER AREA MONITORING PROGRAM

986-C Station

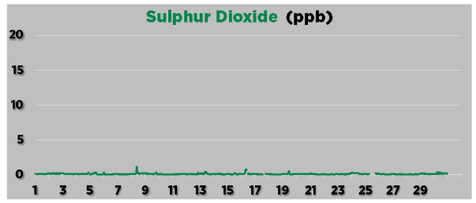


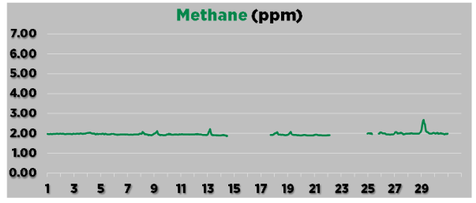


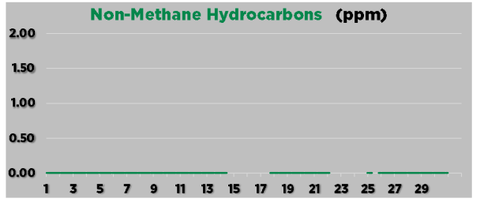


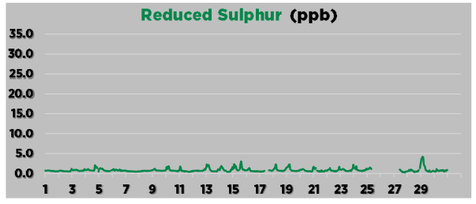


842-B Station

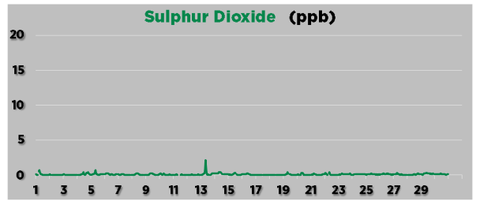


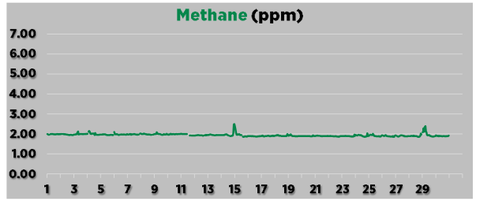


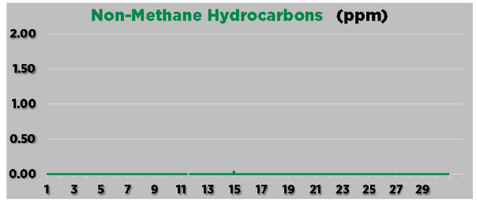


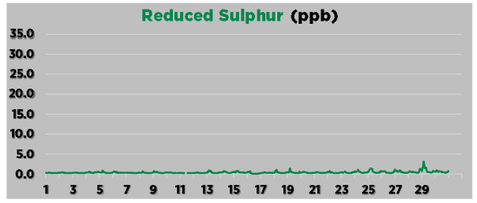


Reno-B Station

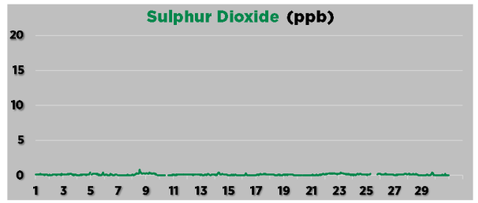


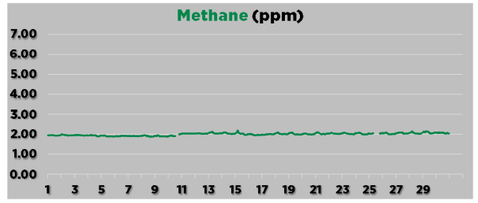


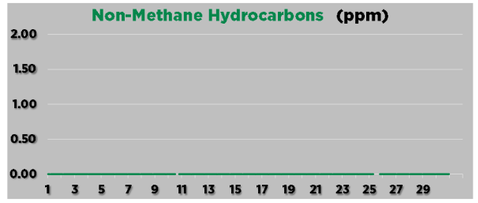


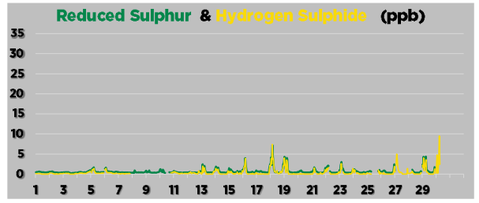


PRC Station

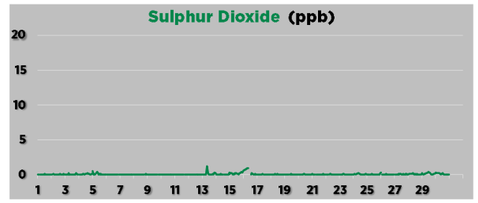


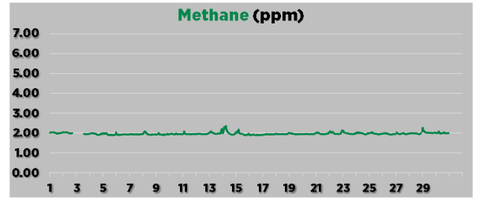


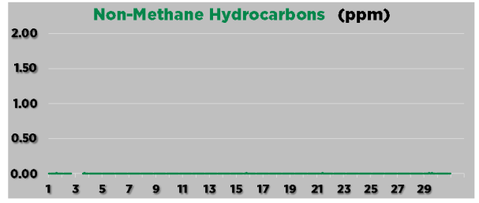


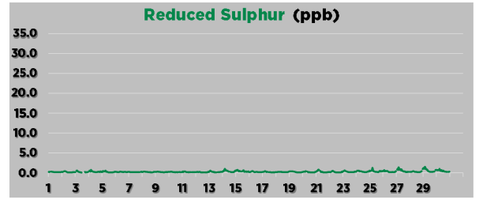


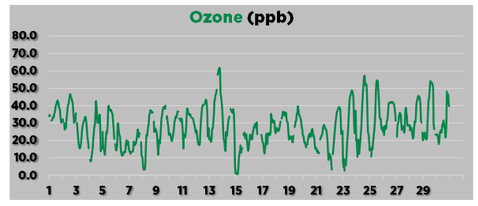
AQHI Station–Grimshaw

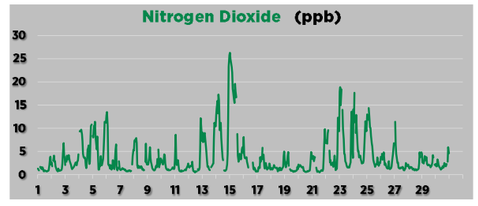


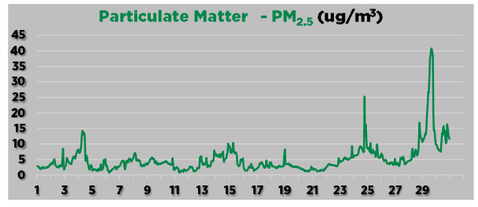












Field Operations Summary (detailed field operations notes can be found in the monthly technical reports on the PRAMP website)

986-C Station

- No major operational issues were recorded this month.
- **TRS:** Two 30-minute exceedances were recorded on June 29, ranging from 5.21 to 5.38 ppb.

842-B Station

- TRS: A converter failure following a June 25 power outage resulted in 40 hours of downtime. The converter was replaced and calibration completed June 27.
- THC/CH_4/NMHC: Analyzer drift and a subsequent sample pump failure resulted in data invalidation and repairs. Total monthly downtime was 147 hours. Operational uptime: 79.6%, **DINC #0027871.**

Reno-B Station

- No major operational issues were recorded this month.

PRC Station

- **H_2S:** Lamp voltage drift caused calibration failures, requiring replacement of the Thermo 450iQ analyzer with a Teledyne API T101. Total monthly downtime, including power and data collection issues, was 89 hours. Operational uptime: 87.6%, **DINC #0027872.**
- **TRS:** Six 30-minute exceedances were recorded on June 18 and 29, ranging from 5.09 to 10.73 ppb.

AQHI – Grimshaw Station

- **THC/CH_4/NMHC:** The analyzer was replaced June 2–3 to investigate NMHC baseline noise, resulting in 14 hours of downtime.

VOCs Canister Sampling Program

- No valid canister events were recorded this month. Sampling remains paused while an alternate laboratory is secured following the current provider's suspension of services.

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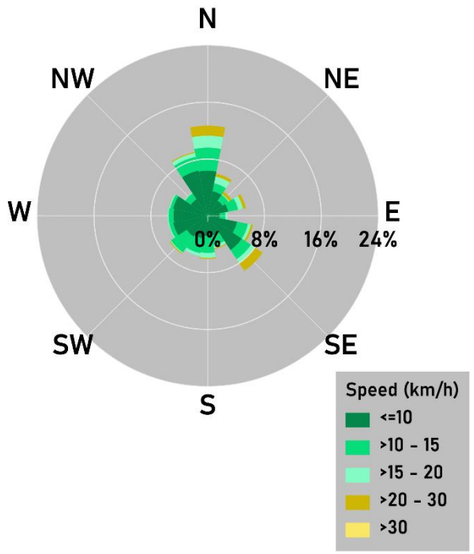
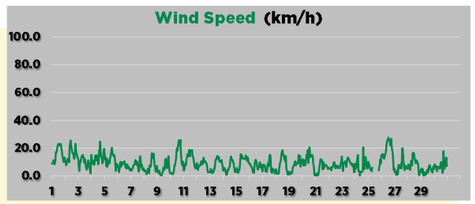
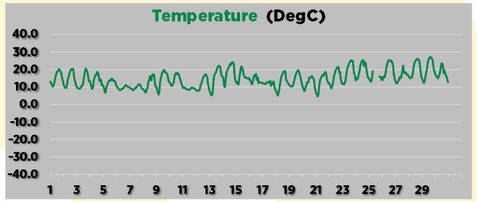
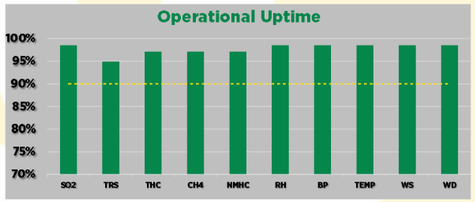
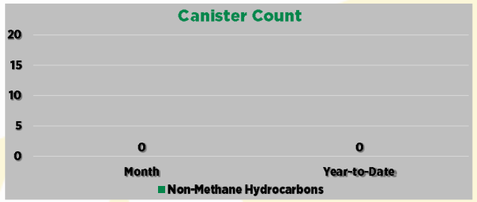
986-C Station



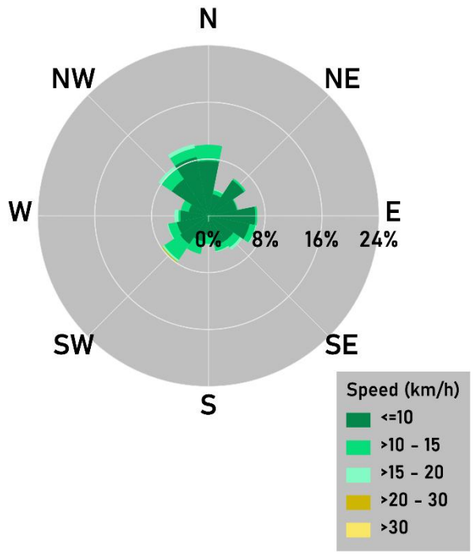


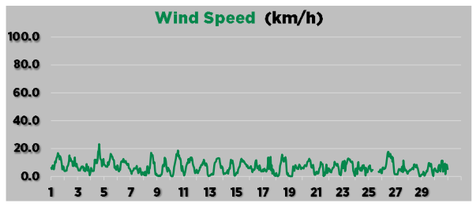


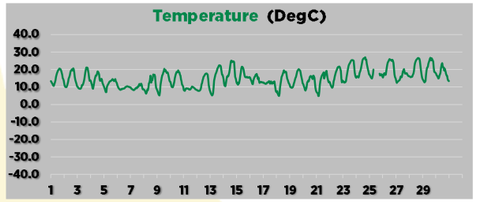


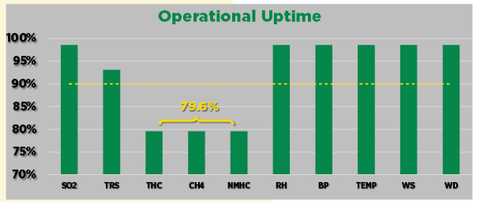


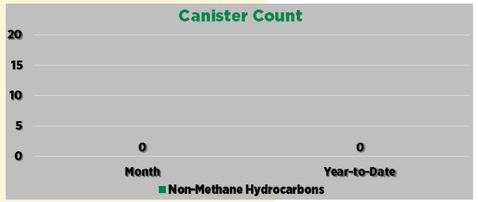
842-B Station



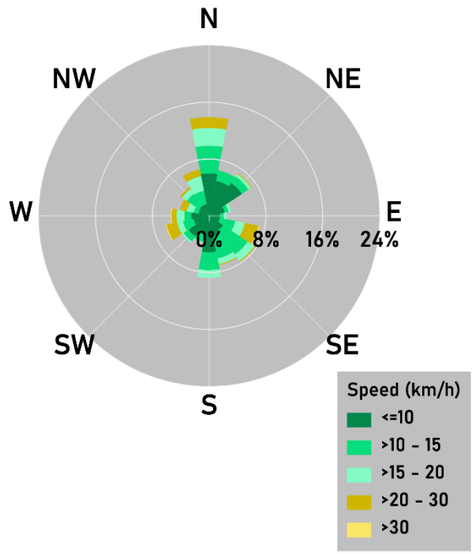


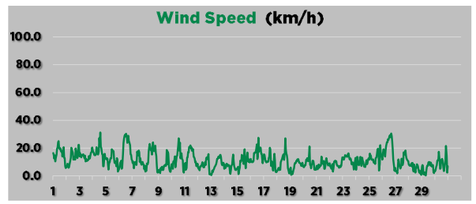


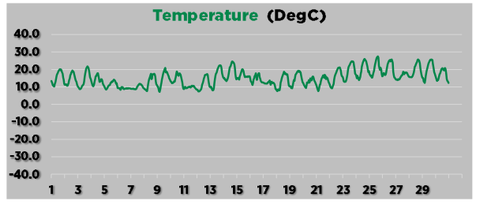


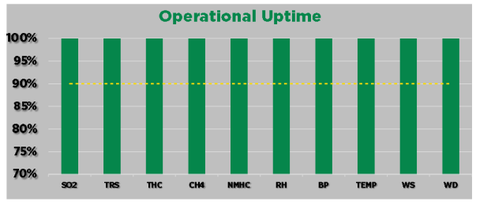


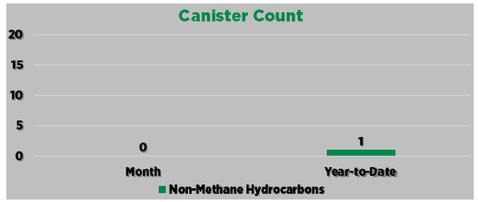
Reno-B Station



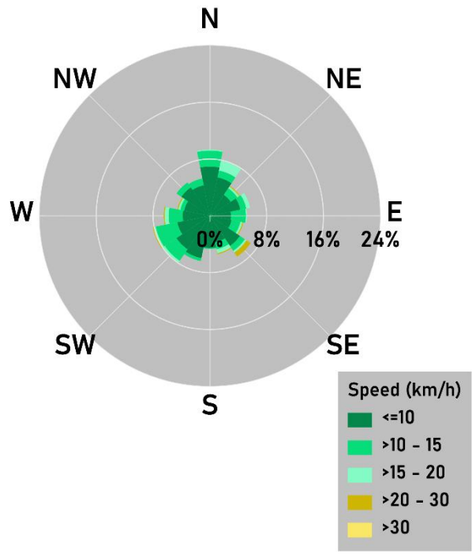


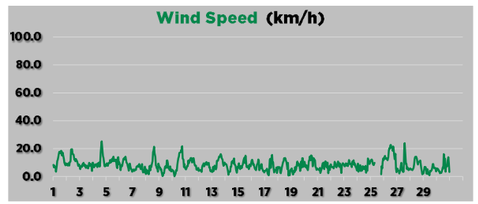


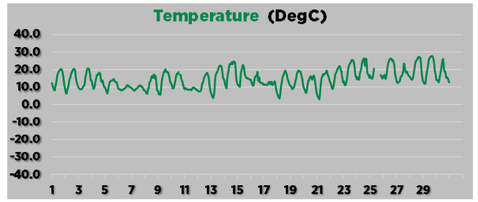


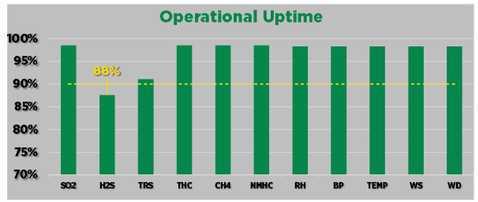


PRC Station

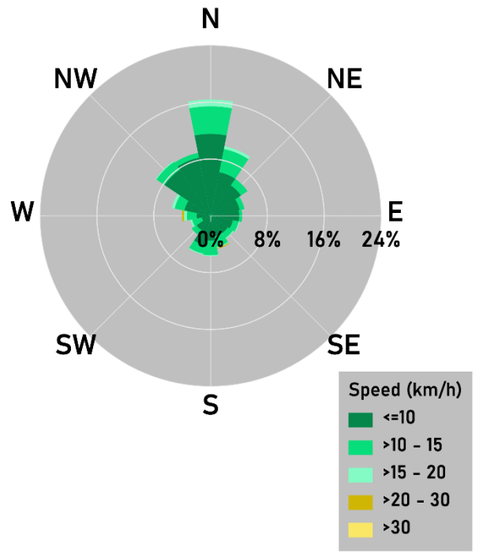
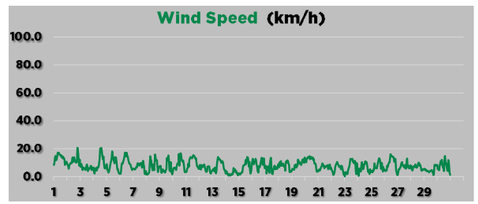
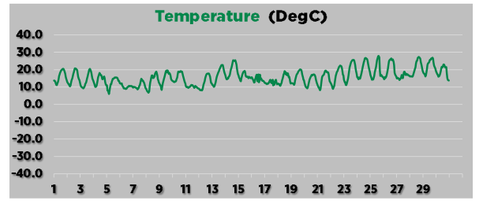
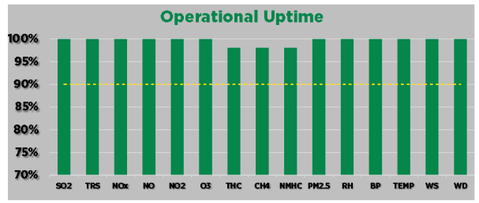
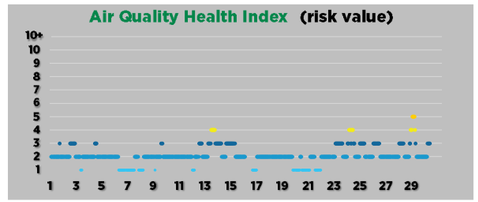








Targets, Guidelines, and Objectives

- Sulphur Dioxide 1h AAAQO = 172 ppb
- Ozone 1h AAAQO = 76 ppb
- Particulate Matter ($PM_{2.5}$) 1h AAAQG = 80 ug/m³
- Nitrogen Dioxide 1h AAAQO = 159 ppb
- Operational Uptime Requirement = 90%
- AQHI Risk Value = 1-3: Low, 4-6: Moderate, 7-10: High, >10: Very High

AQHI Station–Grimshaw