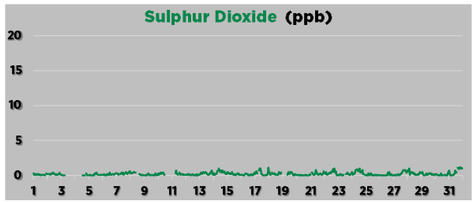
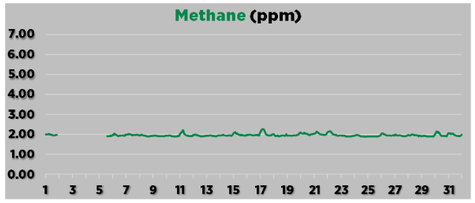
July 2026: Active Monitoring Program

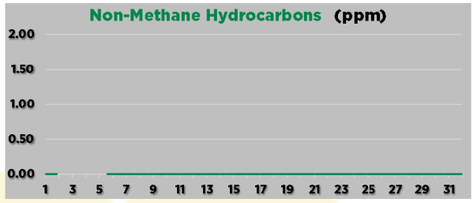
Celebrating 10 years

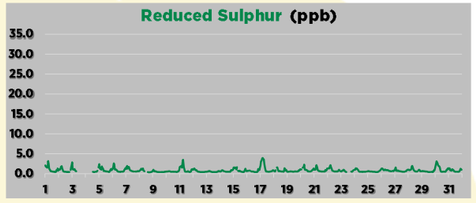
pramp
PEACE RIVER AREA MONITORING PROGRAM

986-C Station

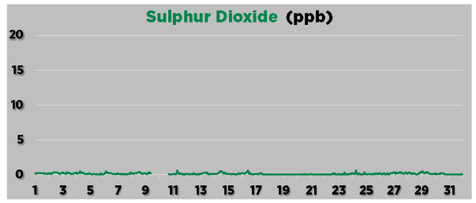


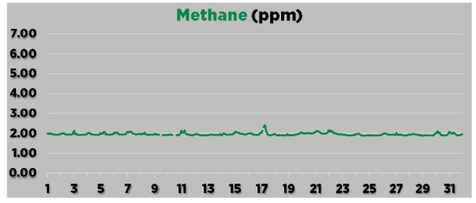


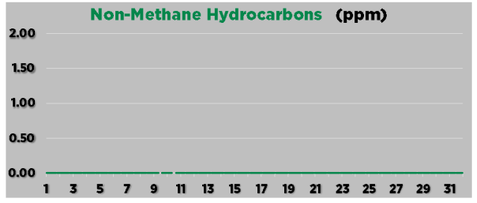


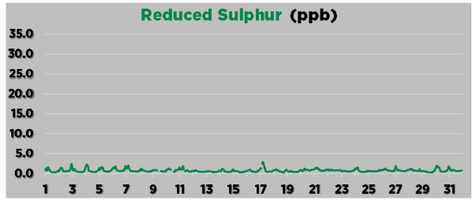


842-B Station

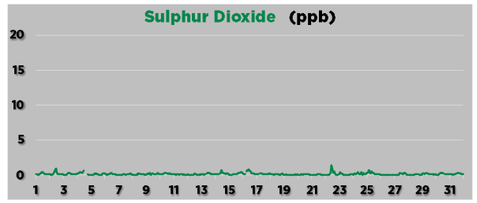


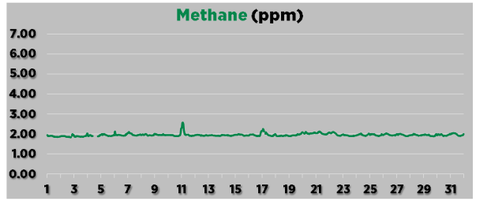


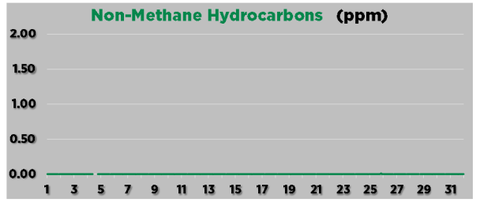


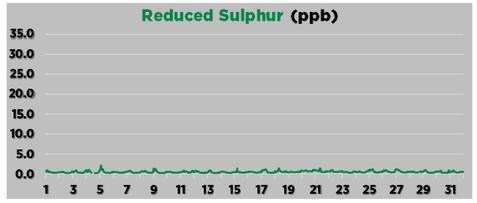


Reno-B Station

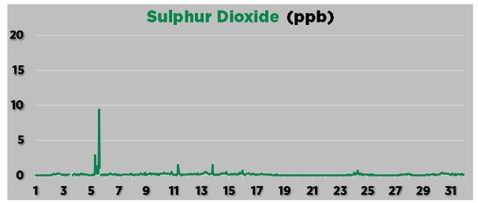


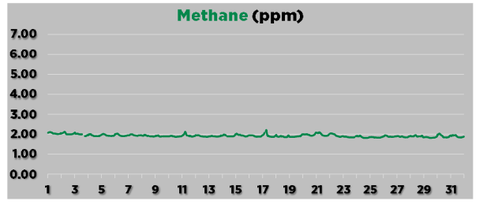


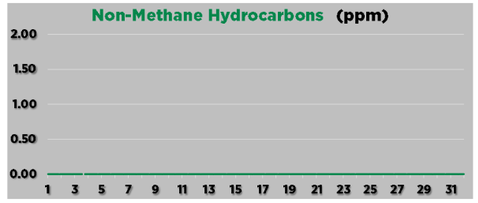


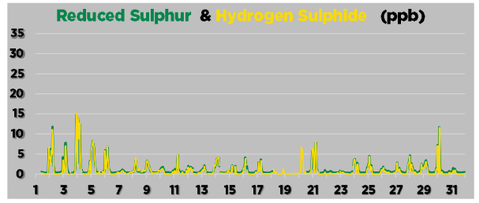


PRC Station

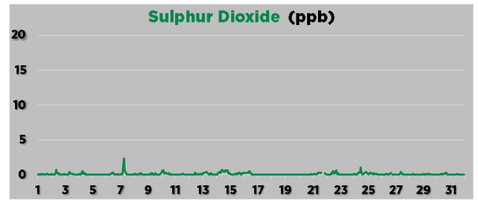


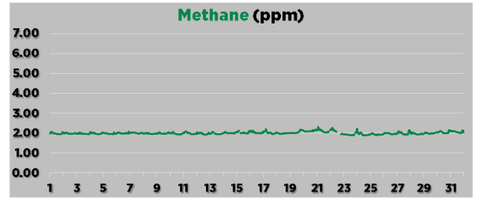


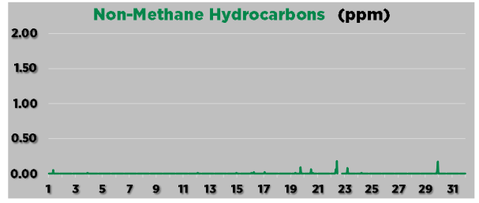


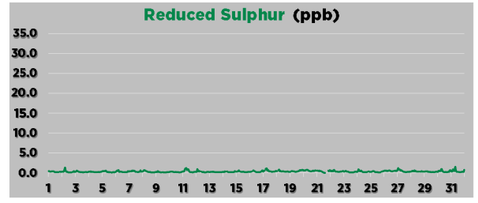


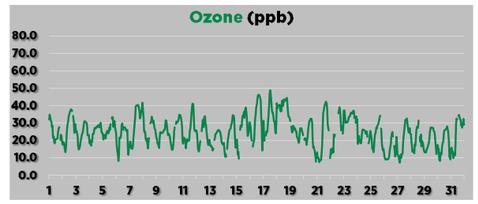
AQHI Station–Grimshaw

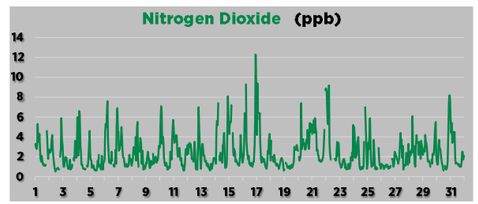


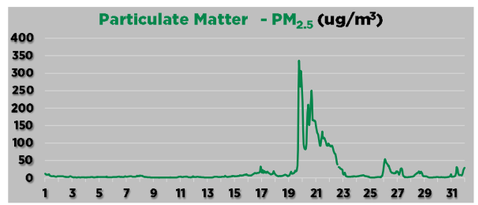












Field Operations Summary (detailed field operations notes can be found in the monthly technical reports on the PRAMP website)

986-C Station

- **THC/CH_4/NMHC:** A zero-span failure and zero-air generator issue following an extended power outage resulted in 83 hours of downtime. Operational uptime: 88.8%, DINC #0028987.
- **Station HVAC:** The Bard unit was replaced July 20.

842-B Station

- No major operational issues were recorded this month.

Reno-B Station

- No major operational issues were recorded this month.

PRC Station

- No major operational issues were recorded this month.
- **H_2S/TRS:** Seven 1-hour H_2S and 56 30-minute TRS exceedances were recorded. The events were likely associated with H_2S generation in the surrounding wetland/muskeg complex under warm, wet conditions.

AQHI – Grimshaw Station

- **AT/RH:** The sensor was replaced July 22, resulting in two hours of downtime.
- **Station HVAC:** The Bard unit was replaced July 20.
- **$PM_{2.5}$:** Wildfire smoke resulted in 63 1-hour and four 24-hour exceedances during July. Reference # 457256

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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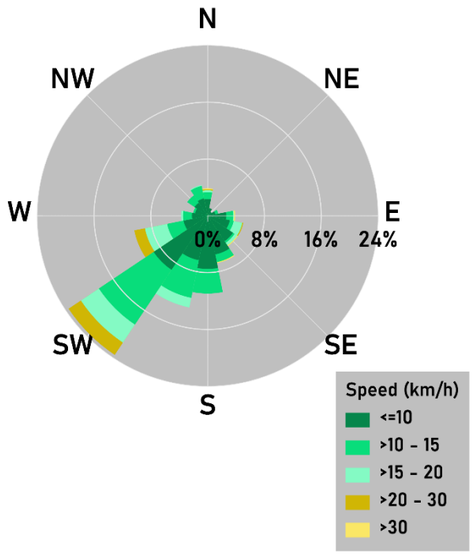
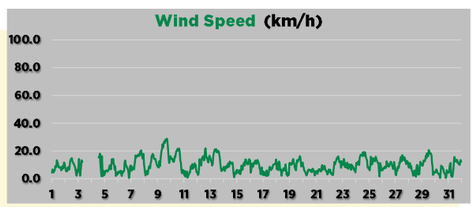
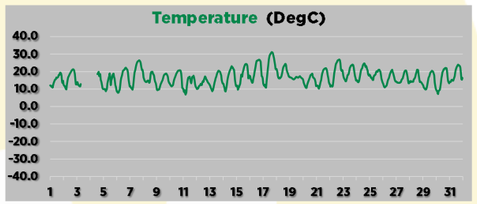
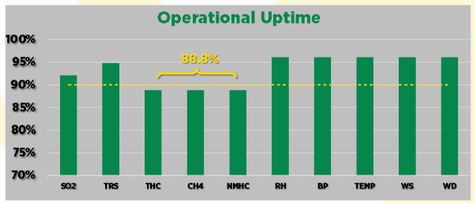
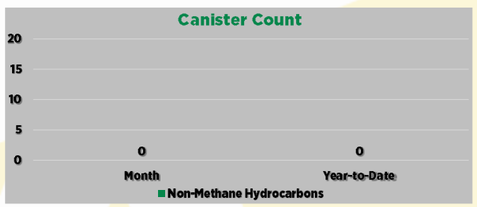
986-C Station











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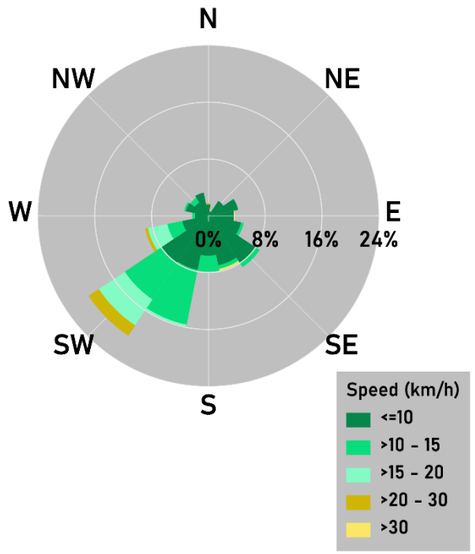
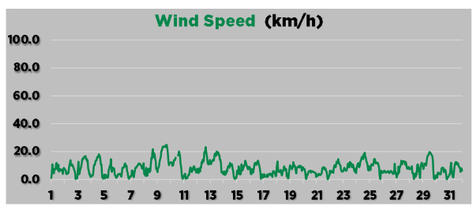
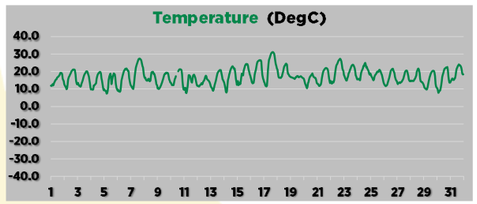
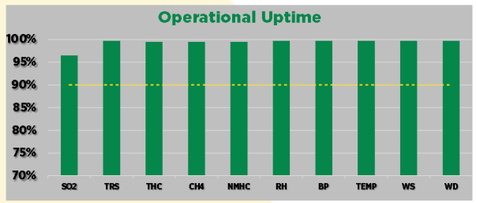
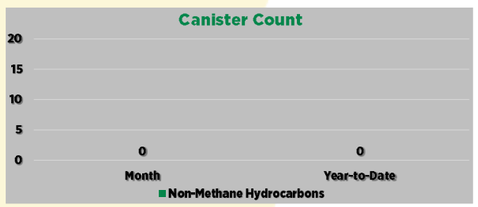


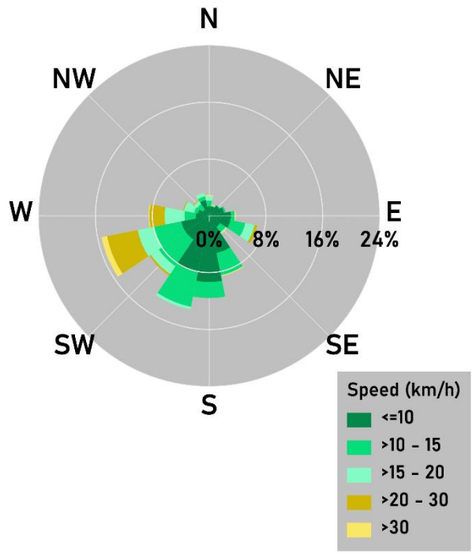


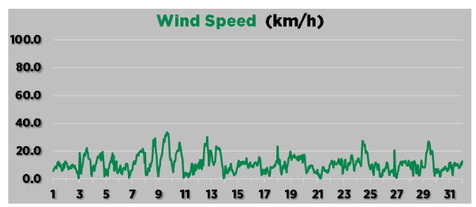


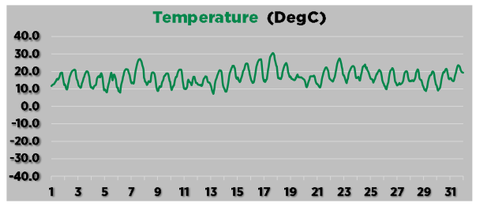


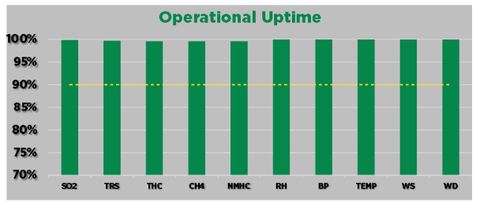


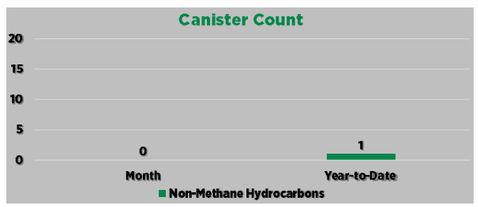
Reno-B Station



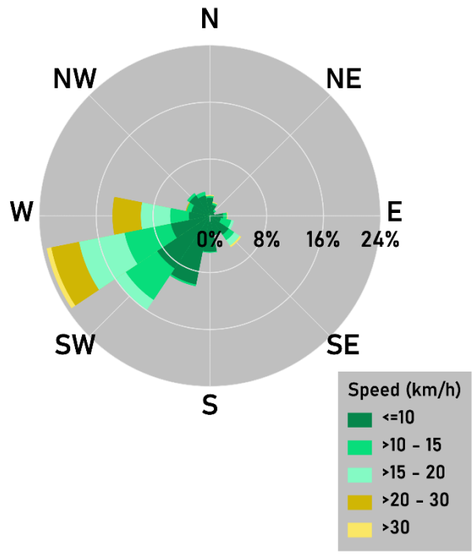


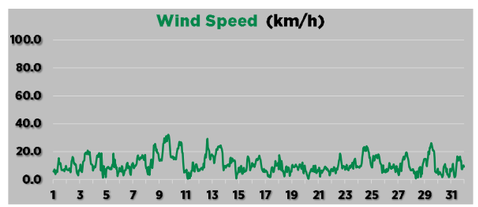


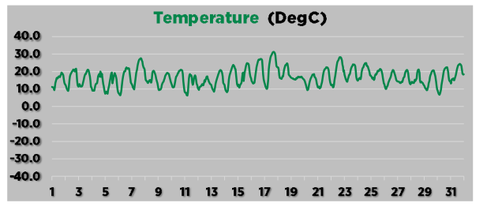


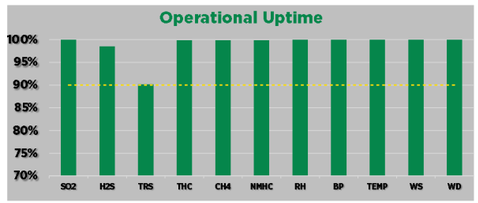


PRC Station

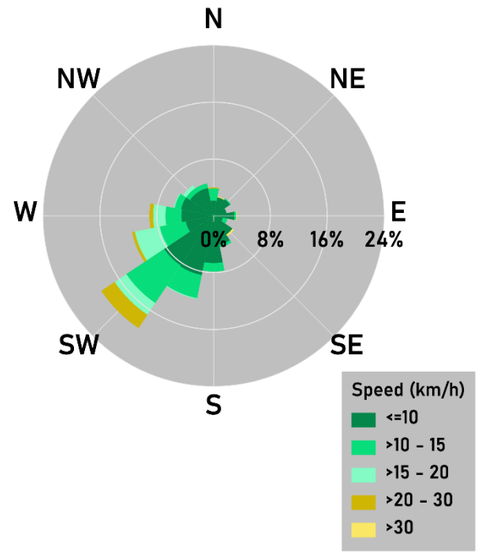
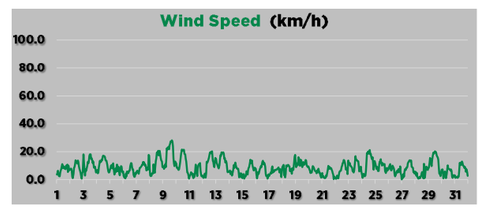
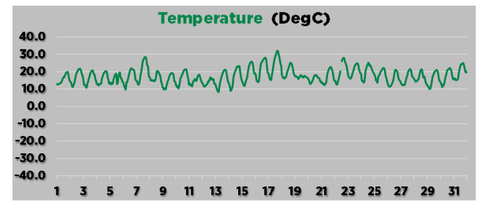
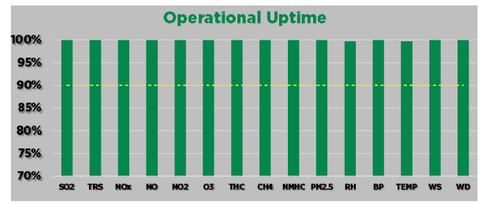
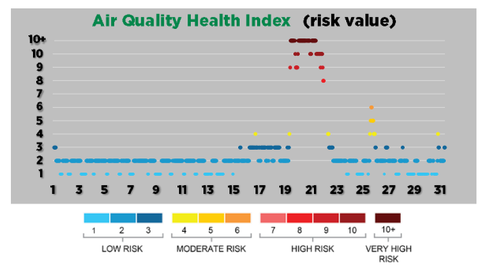








Targets, Guidelines, and Objectives

- Sulphur Dioxide 1h AAAQO = 172 ppb
- Ozone 1h AAAQO = 76 ppb
- Particulate Matter ($PM_{2.5}$) 1h AAAQG = 80 ug/m^3
- 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

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