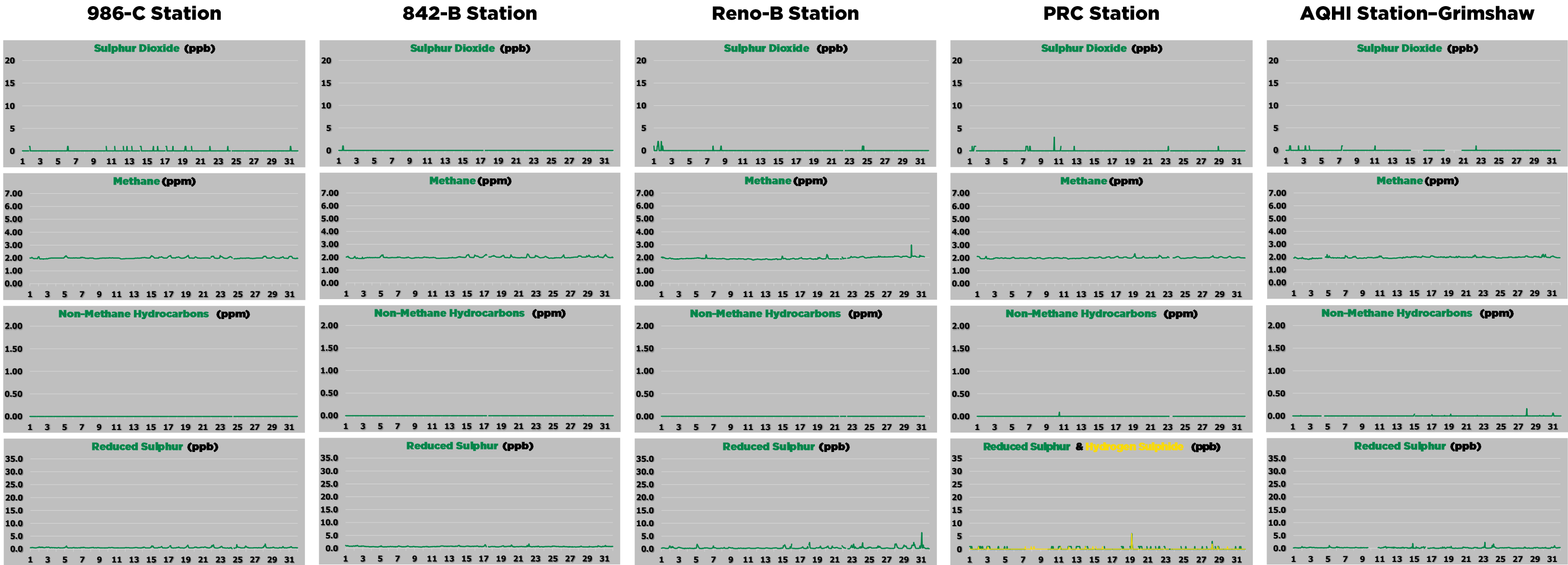


July 2025: Active Monitoring Program



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

Air Monitoring Directive and other Compliance Notes

- All measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) and/or Alberta Ambient Air Quality Guidelines (AAAQGs) where applicable, except for total reduced sulfur (TRS) at the Reno and PRC stations, where two 30-minute TRS exceedances were recorded at Reno (5.69 ppb at 02:00 and 6.97 ppb at 02:30 on July 31) and one 30-minute TRS exceedance was recorded at PRC (7 ppb at 05:00 on July 19).

986-C Station

- AT/RH: On July 24, the Rotronic HC2A-S3 sensor, s/n: 20626912, was removed for recertification. The Rotronic HC2A-S3 sensor, s/n: 20370767, was installed afterwards.

842-B Station

- No major operational issues were identified this month.

Reno-B Station

- AT/RH: On July 22, the Rotronic HC2A-S3 sensor, s/n: 20467597, was removed for recertification. The Rotronic HC2A-S3 sensor, s/n: 20357528, was installed afterwards.

PRC Station

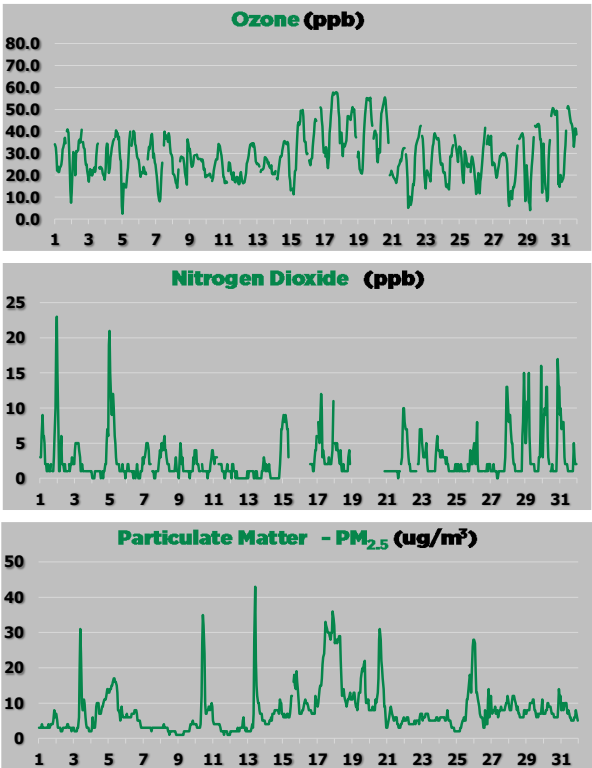
- No major operational issues were identified this month.

AQHI – Grimshaw Station

- TRS: The Thermo 43iQ-TL analyzer, s/n: 12409233394, failed on July 9. The replacement Teledyne T100U analyzer, a/n: 132, was installed and calibrated on July 10. Twenty-two hours of downtime were recorded.
- NOx/NO/NO2: The Teledyne T200 analyzer, s/n: 837, was removed following a successful shut-down calibration on July 15. The Thermo 42iQ analyzer, s/n: 12409233392, was installed and calibrated on July 16. Nineteen hours of downtime were recorded due to this event.

VOCs Canister Sampling Program

- No valid NMHC canister events were recorded this month. The canister system triggered at the Reno-B Station on July 28 was not valid due to station HVAC maintenance activities



July 2025: Active Monitoring Program

