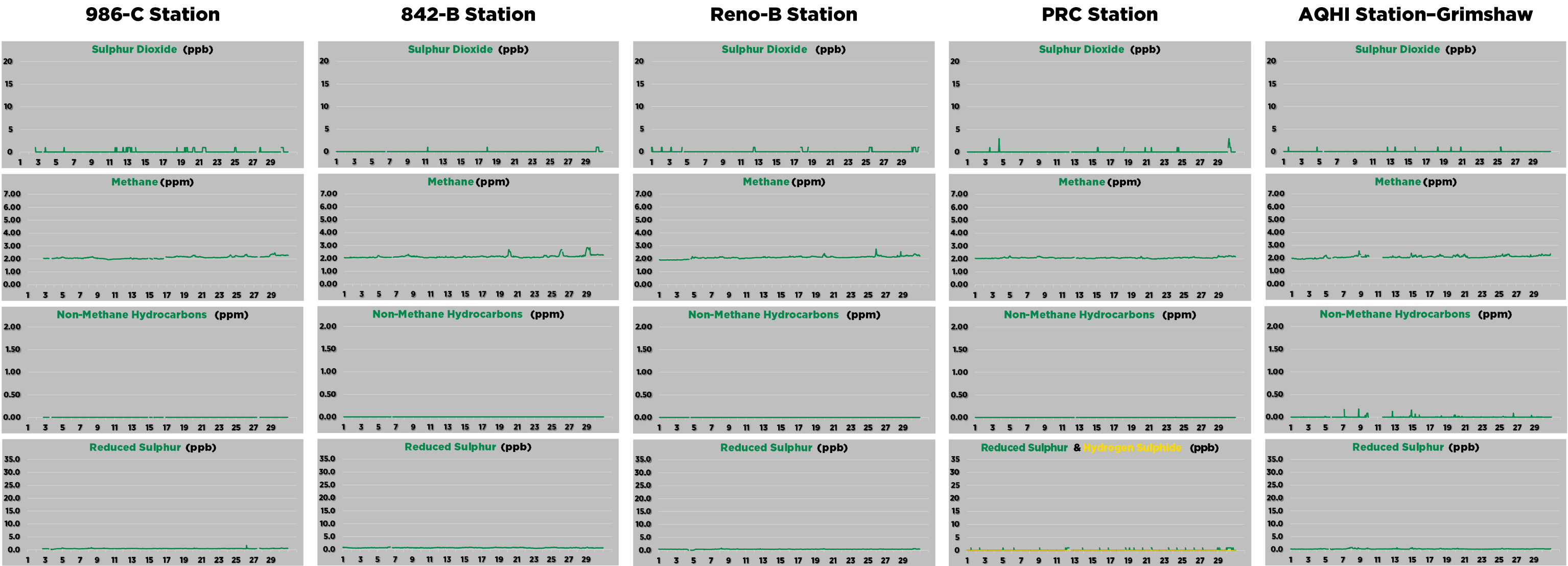


November 2025: Active Monitoring Program



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

986-C Station

- THC/CH₄/NMHC:** PRAMP’s Thermo 55i analyzer, s/n: 1191032505, was removed and replaced by BV’s Thermo 55i analyzer, s/n: 1022143392, on November 16. Six hours of downtime were recorded due to this event.

842-B Station

- TRS:** Low ambient temperatures on November 29–30 affected TRS span. Very low moisture in the sample air can slow TRS/H₂S analyzer response because the SO₂ scrubber requires adequate humidity. Although daily span checks were often below requirements and some zero checks approached or exceeded allowable drift during this period, experience indicates the analyzer remained within AMD performance criteria and the data are valid.

Reno-B Station

- TRS:** Low ambient temperatures on November 29–30 affected TRS span. Very low moisture in the sample air can slow TRS/H₂S analyzer response because the SO₂ scrubber requires adequate humidity. Although daily span checks were often below requirements and some zero checks approached or exceeded allowable drift during this period, experience indicates the analyzer remained within AMD performance criteria and the data are valid.

PRC Station

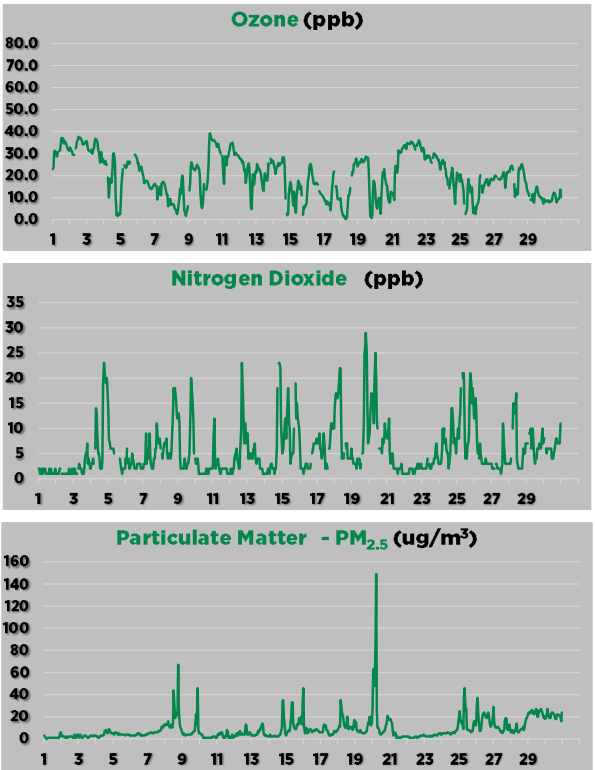
- H₂S:** The analyzer failed the daily span check on November 24 due to permeation tube depletion. The permeation tube was replaced on December 2 after the as-found points check. This issue only affected the zero-span system, not the analyzer itself, and data quality was not impacted.

AQHI Station – Grimshaw

- THC/CH₄/NMHC:** The PRAMP Thermo 55i analyzer (s/n 12101910497) triggered a low alarm on November 10 and was removed for repair following a successful shutdown calibration. A replacement Thermo 55i unit (s/n 1193585652) was installed the same day, stabilized overnight, and passed installation calibration on November 11. Data were invalidated back to the last valid zero-span check (November 10, hour 00). Total downtime was 37 hours.

NMHCs Canister Sampling Program

- No NMHC canister events were recorded this month.



November 2025: Active Monitoring Program

