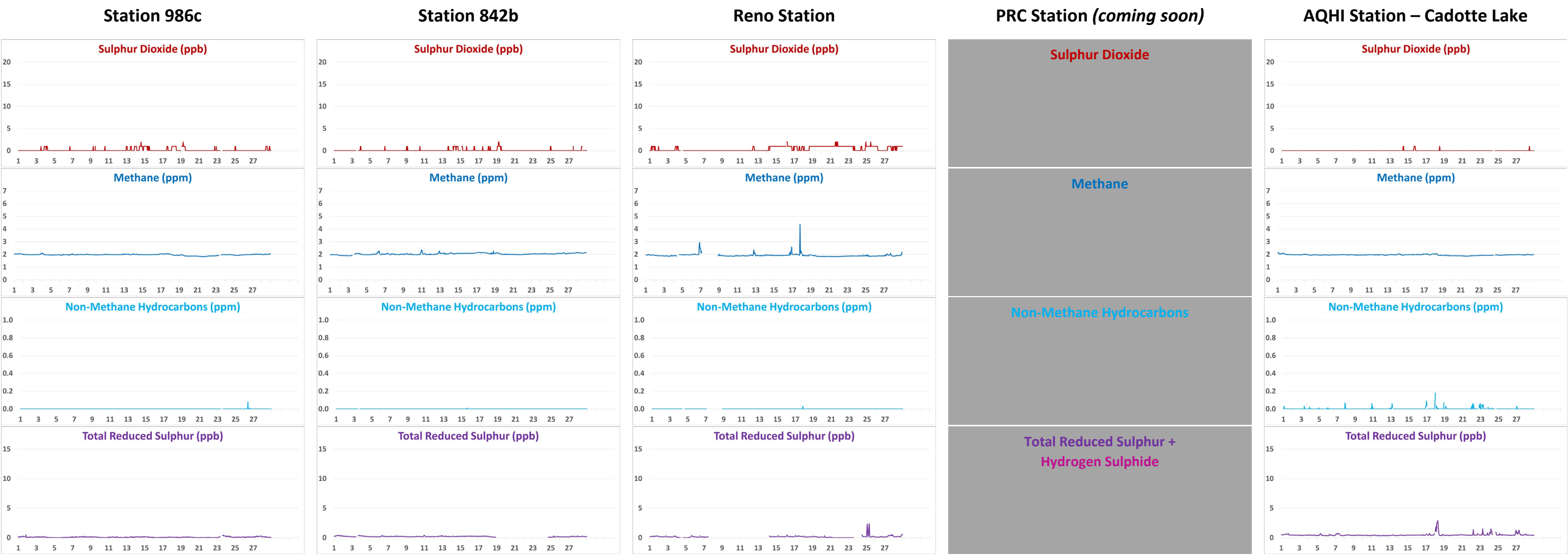


February 2021: Continuous Monitoring Program



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

986c Station

- No major operational issues to report.

842b Station

- TRS: The analyzer failed the daily span check on February 19. A shut-down calibration that was performed on February 23 did not meet the AMD calibration check requirements as the slope was outside acceptance criteria. This failure was caused by low ambient temperatures and the related lack of moisture in the sample air. Extreme cold weather conditions have a known, detrimental effect on SO2 scrubber performance causing a delayed and reduced response in the analysis. Scrubber material was renewed, and a post-repair calibration was successfully completed afterwards on February 24. Data were invalidated back to the last valid calibration check (February 18). One hundred thirty-eight hours of downtime were recorded due to this event. TRS did not meet the 90% operational uptime requirement TRS (79.5%). AEP reference #: 376631.

Reno Station

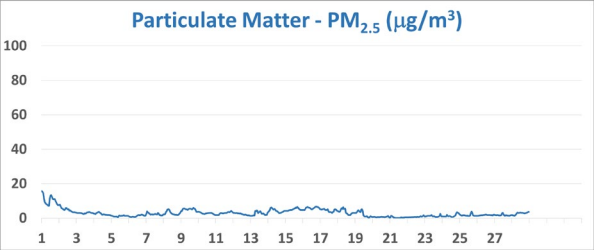
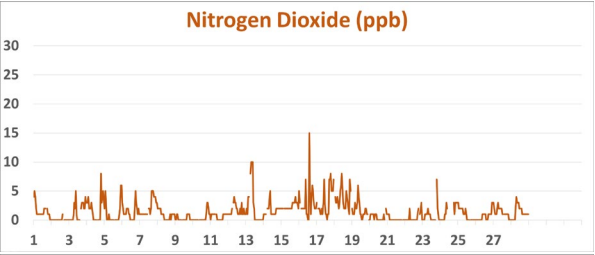
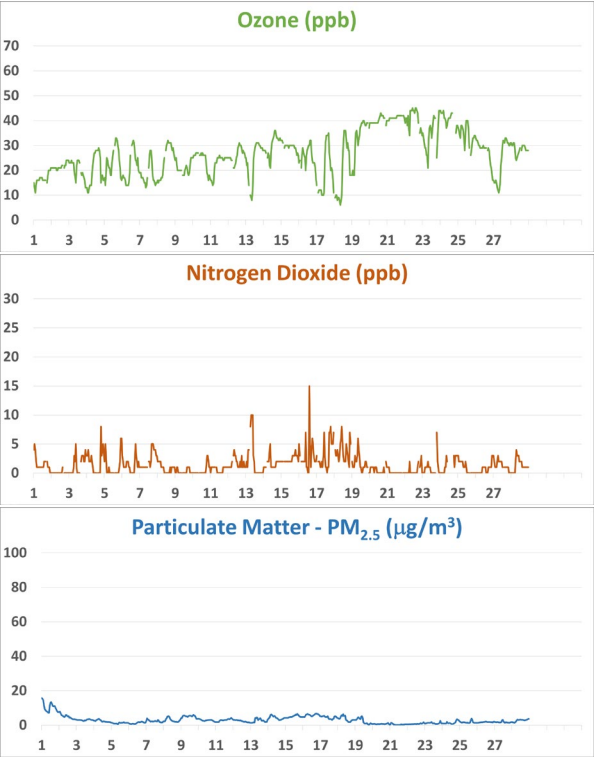
- TRS: One hundred sixty hours data collected between February 7 and February 14 were discarded due to extreme cold and scrubber material performance (similar to 842b above). The analyzer failed the daily span check again on February 19; twenty-three hours of downtime were recorded due to maintenance and additional quality checks. TRS did not meet the 90% operational uptime requirement (72.8%). AEP reference #: 376633.
- THC/CH4/NMHC: The analyzer malfunctioned on February 7 due to the sample pump failure. The sample pump was replaced followed by a successful post-repair calibration on February 8. Forty-two hours of downtime were recorded due to this event.

AQHI – Cadotte Lake Station

- No major operational issues to report.

VOCs Canister Sampling program

- In February 2021, one NMHC-triggered event was recorded at the 986c station.



February 2021: Continuous Monitoring Program

