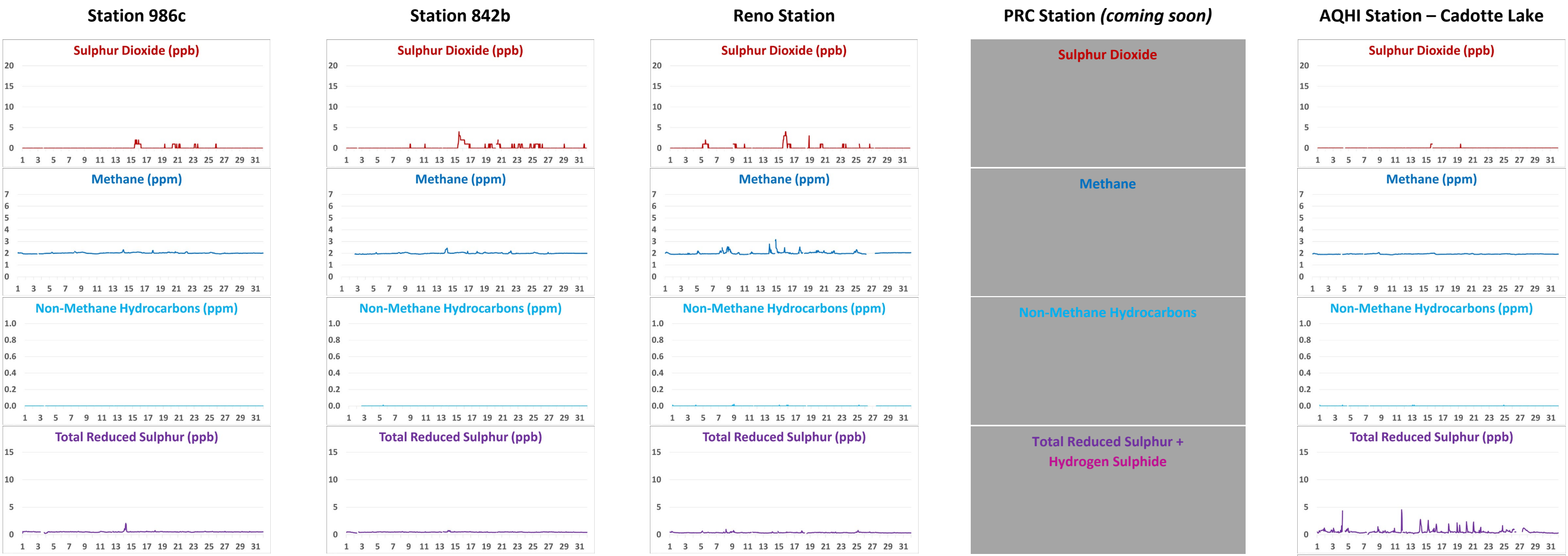


March 2020: Continuous Monitoring Program



Operational Summary

AEP Audits:

- Reno Station was audited on March 11. 986c and AQHI-Cadotte Lake Stations were audited on March 12. 842b Station was audited on March 13. Complete audit results are included in the monthly technical reports on the PRAMP website.

986c Station:

- TRS: Following the shut-down calibration on March 3, the analyzer was put offline for few hours for scrubber material renewal. A successful post-repair calibration was performed after maintenance was completed. Four hours of downtime were recorded due to this event. The analyzer exhibited low span drifts with some results outside the acceptance limits in the week of March 9 – 15 due to low ambient temperatures.

842b Station:

- THC/CH4/NMHC: Data collected between March 1 and before a post-repair calibration were invalidated. Thirty-six hours of data were discarded due to this event.
- TRS: Additional instrument checks were initiated in response to unstable span results cause by low mid-month ambient temperatures. These extra checks resulted in two hours of downtime.
- SO2: A zero-span check was triggered in error on March 20, which led two hours of downtime.

Reno Station:

- THC/CH4/NMHC: Poor sample injections started being recorded on March 26 during hour 8. Remote troubleshooting was performed on March 26 hour 20. A successful post-repair calibration was completed on March 27. Twenty-three hours of data that were collected between March 26 hour 8 and March 27 hour 7 were discarded.
- SO2: The analyzer spanned low on March 19. A repeat zero-span check was initiated on March 20 at hour 6 to assess span response and the result was similar. During the station visit on March 26, an alarm (High PMT Temp) was noted on the analyzer. A successful as found points check was completed on March 27. Three hours of downtime were recorded due to the additional quality checks. The analyzer will be replace on the next visit to the station.
- TRS: The analyzer exhibited low span drifts with some results outside the acceptance limits in the week of March 9 – 15 due to low ambient temperatures.

AQHI – Cadotte Lake Station:

- All parameters: A power failure occurred on March 7 between hour 9 and hour 11. Three hours of data are missing due to this event.
- TRS: The analyzer exhibited low span drifts with some results outside the acceptance limits in the week of March 9 – 15 due to low ambient temperatures. A firmware crash caused eighteen hours of downtime.

VOCs Canister Sampling Program:

- No canister events were recorded this month.

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