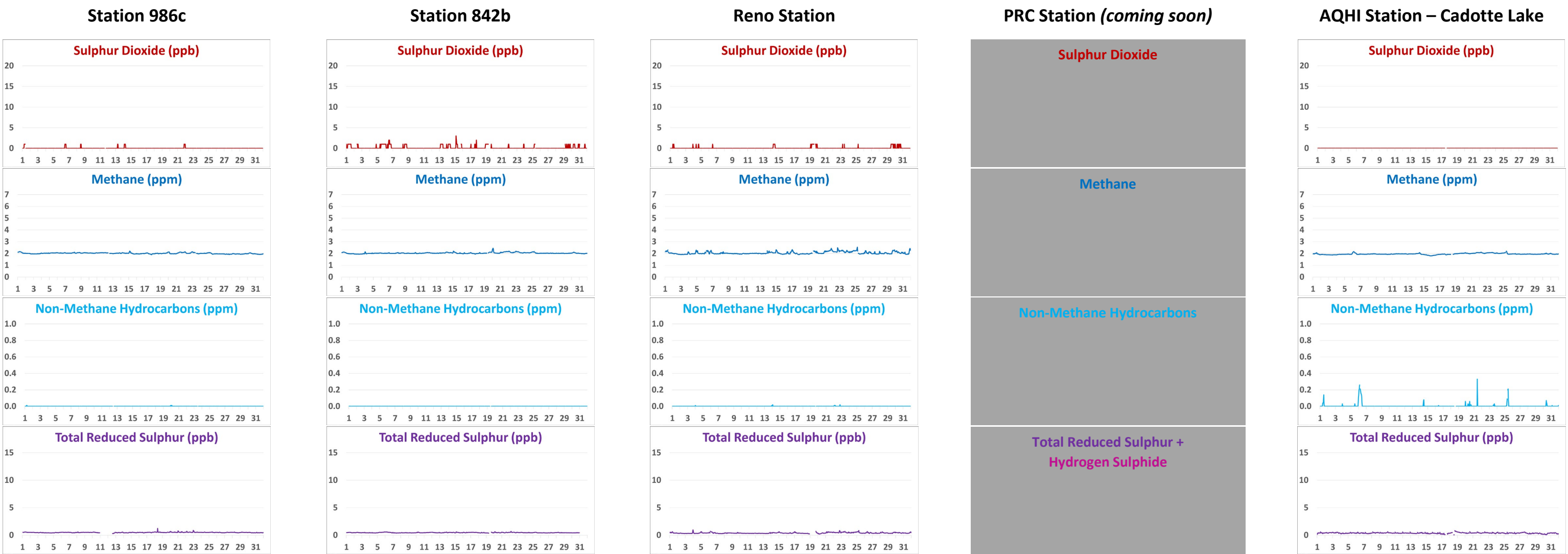


December 2019: Continuous Monitoring Program



Operational Summary

986c Station:

- TRS: The analyzer failed the scrubber material check on December 11. A successful shut-down calibration was performed before maintenance were performed on December 11. The scrubber material was renewed, and the thermocouple was inspected. The analyzer was given time to stabilize overnight. A post-repair calibration was performed on December 12. A total of 15 hours of downtime was recorded due to this event.
- THC/CH4/NMHC:
- A repeat zero span check was initiated on December 8 to assess drift in daily zero span response. The check result was within the acceptable range. One hour of downtime was recorded as a result.
- Three additional zero-span checks were initiated on December 10, 23 and 25 as the scheduled zero-span check did not execute properly. Three hours of downtime were recorded due to these checks.

842b Station:

- No operational issues to report.

Reno Station:

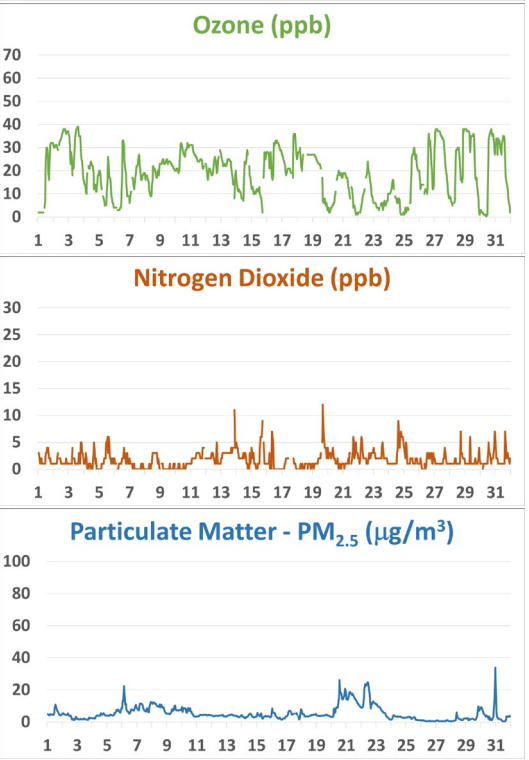
- No operational issues to report.

AQHI – Cadotte Lake Station:

- All parameters: Hourly data collected on December 17 hour 18 was invalidated due to maintenance performed on the datalogger.
- TRS: The TRS software crashed on December 18 during hour 9. The analyzer was reset manually, and a switchable outlet was added to allow remote reset. Four hours of data were invalidated due to this event.
- TPX/RH: Both TPX and RH channels were checked on December 18 on December 18 between hour 14 and hour 17. Four hours of downtime were recorded as a result.

VOCs Canister Sampling Program:

- No real canister events. One NMHC canister was collected at the 986c station on December 27 at 06:45, at concentration of 2.87ppm. The event is considered a real event. High concentration was recorded due equipment malfunction (delay occurred during daily span check period.)



December 2019: Continuous Monitoring Program

