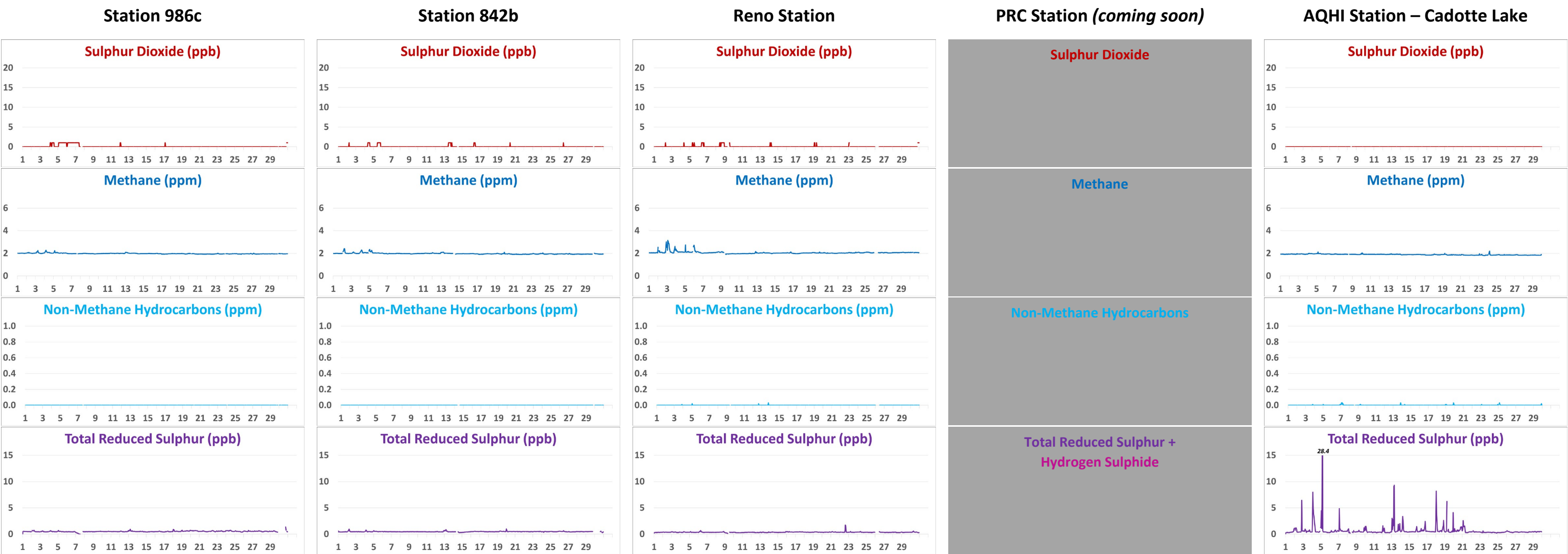


April 2020: Continuous Monitoring Program



Field Operations Summary

986c Station:

- With the exception of WS, WD and ST, all hourly data on April 29 hour 21 and 22 are missing due to a power failure. Hourly data that was collected on April 29 hour 23 for all gas analyzers were invalidated as they were recovering from the power failure. The power failure interrupted the scheduled automatic zero-span check on April 29; the repeat zero-span check was successfully completed on April 30 hour 6 and 7. Two hours of downtime were recorded due to this event.
- SO2: The analyzer failed the daily span check on April 2 and 3 due to the permeation tube depletion. The permeation tube was replaced on April 3. One hour of downtime was recorded due to this maintenance activity.
- TRS: The convertor thermocouple failed after the power failure on April 29. The convertor was repaired on April 30. Nineteen hours of downtime were recorded due to the equipment failure as well as addition calibration checks.
- THC/CH4/NMHC: The daily span check did not execute properly on April 11 hour 15 and April 20 hour 6. Repeat zero-span checks were conducted. Two hours of downtime were recorded due to these events.

842b Station:

- Hourly data for all parameters on April 29 hour 21 and 22 are missing due to a power failure. Two hours of downtime were recorded due to event. Hourly data that was collected on April 29 hour 23 for all gas analyzers were invalidated as the analyzers were recovering from the power failure.
- TRS: The convertor thermocouple failed after a power failure on April 29. The convertor was repair and a successful as-found points check was conducted on April 30. Data that were collected between April 29 hour 23 and April 30 hour 13 were discarded. Sixteen hours of downtime were recorded due to the equipment failure as well as addition calibration checks.

Reno Station:

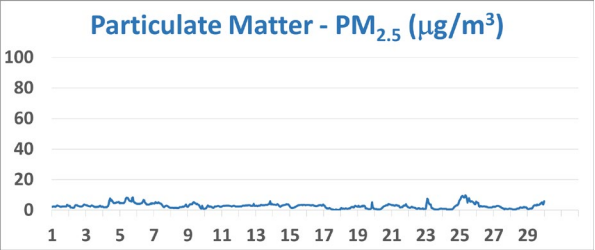
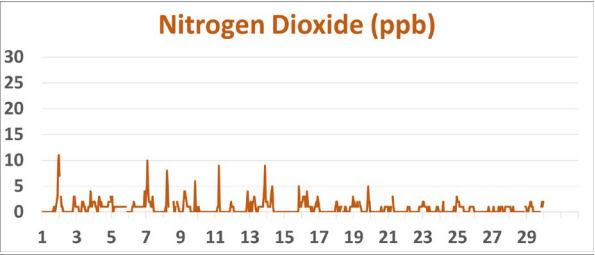
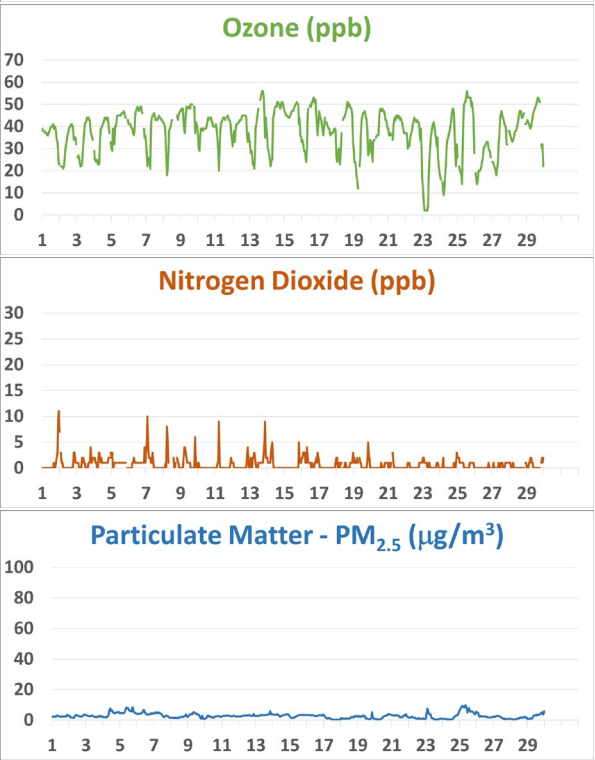
- Hourly data for all parameters on April 26 between hour 0 and hour 8 are missing due to a power failure. Nine hours of downtime were recorded due to event. Hourly data that was collected on April 26 hour 9 for all gas analyzers were invalidated as the analyzers were recovering from the power failure. Two hours of downtime were recorded due to the analyzer recovery and additional quality check.
- THC/CH4/NMHC: An as found-points check was performed on April 30 to assess span drift. No issue could be identified during this check. Two hours of downtime were recorded due to this additional quality check.
- SO2: Due to a persistent technical issue (internal temperature alarm), the API 100A, s/n: 841, was replaced and the API 100A, s/n: 1502, was installed on April 9. One hour of downtime was recorded due to the analyzer swap.

AQHI – Cadotte Lake Station:

- TRS: Elevated ambient concentrations of TRS were measured throughout the month. These values are being investigated.

VOC Canister Sampling Program:

- No canister events were recorded this month.



April 2020: Continuous Monitoring Program

