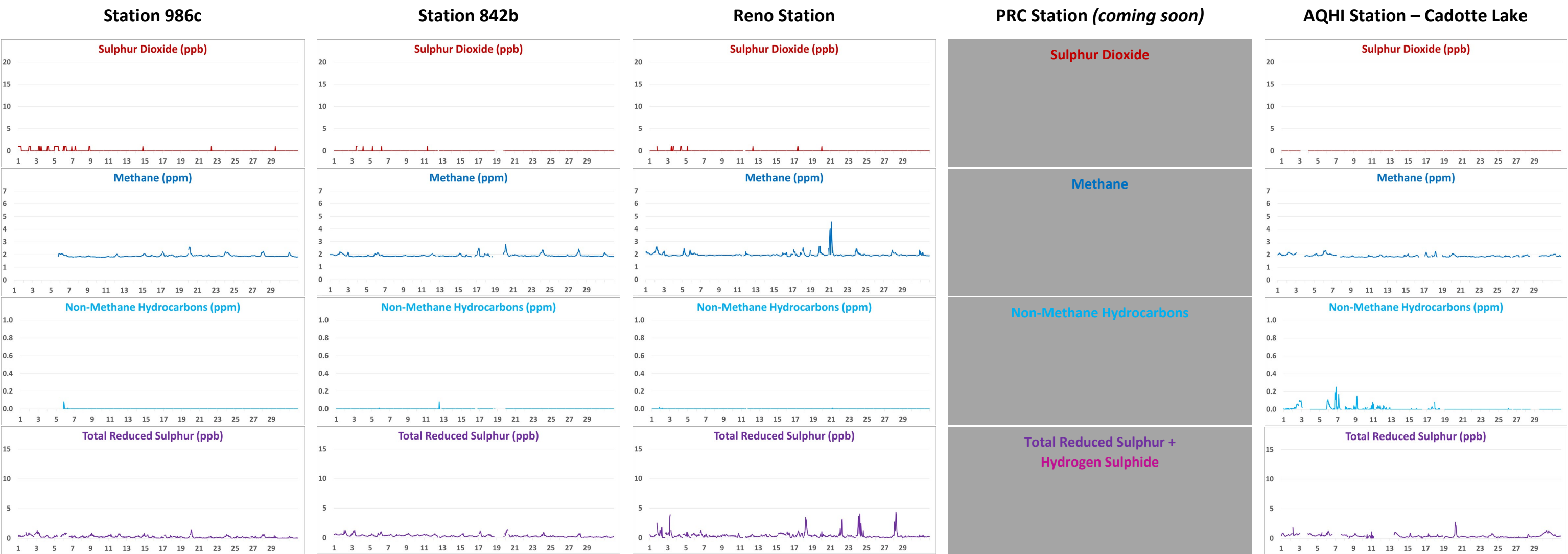


August 2020: Continuous Monitoring Program



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

986c Station:

- All parameters met the 90% operational uptime requirement, except THC/CH4/NMHC (84.9%). AEP reference #: 371297.
- THC/CH4/NMHC: The analyzer failed the monthly calibration on August 5. Data were invalidated back to last valid calibration, which was July 16. One hundred and twelve hours of data were discarded in August.

842b Station:

- All parameters: Twenty-five hours of data were invalidated due to a power failure on August 18 and 19.
- TRS: The analyzer failed the zero-span check after the power failure on August 19. A repeat zero-span check was initiated to assess the span response. The result was within the acceptable limit. One hour of downtime was recorded due to the additional quality check.

Reno Station:

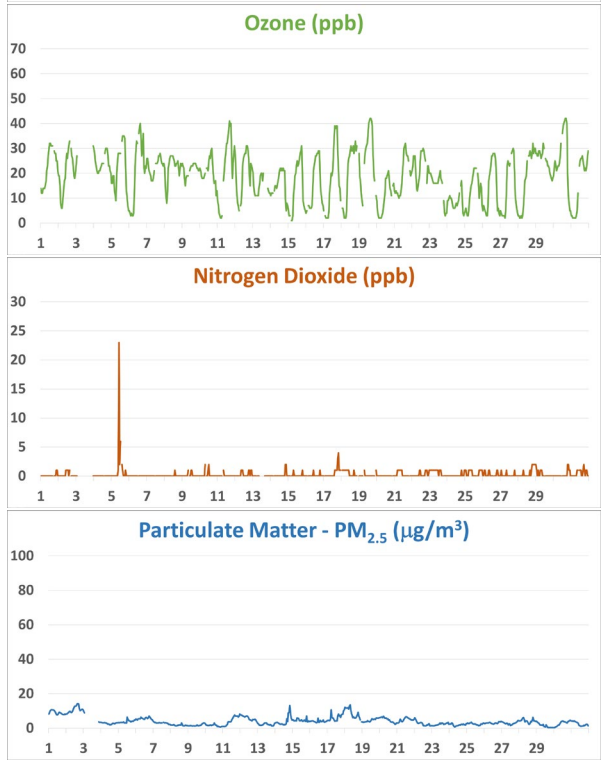
- TRS: The analyzer failed the daily zero-span check on August 2. A successful repeat zero-span was completed on August 3. One hour of downtime was recorded due to the additional quality check.

AQHI – Cadotte Lake Station:

- All parameters met the 90% operational uptime requirement, except TRS (88.0%) and THC/CH4/NMHC (89.0%). AEP reference #: 371541 and 371542, respectively.
- All parameters: Twenty hours of data were invalidated due to two power failure events.
- TRS: The analyzer spanned high on August 1, 2 and 6. A successful shut-down calibration was performed before maintenance were performed on August 6. Sixteen hours of downtime were recorded due to this event. The analyzer malfunctioned on August 12 hour 15 due to a UV lamp warning alarm. This was traced to a loose electrical connection. Fifty-one hours of data were invalidated due to this event.
- THC/CH4/NMHC: Intermittent poor sample injections were observed, starting August 26. The analyzer was replaced on August 28; Twenty-five hours of downtime were recorded due to this event.

VOC Canister Sampling Program:

- In August, one non-methane-triggered canister was recorded at the 842 station and one methane-triggered canister was recorded at the Reno station.



August 2020: Continuous Monitoring Program

