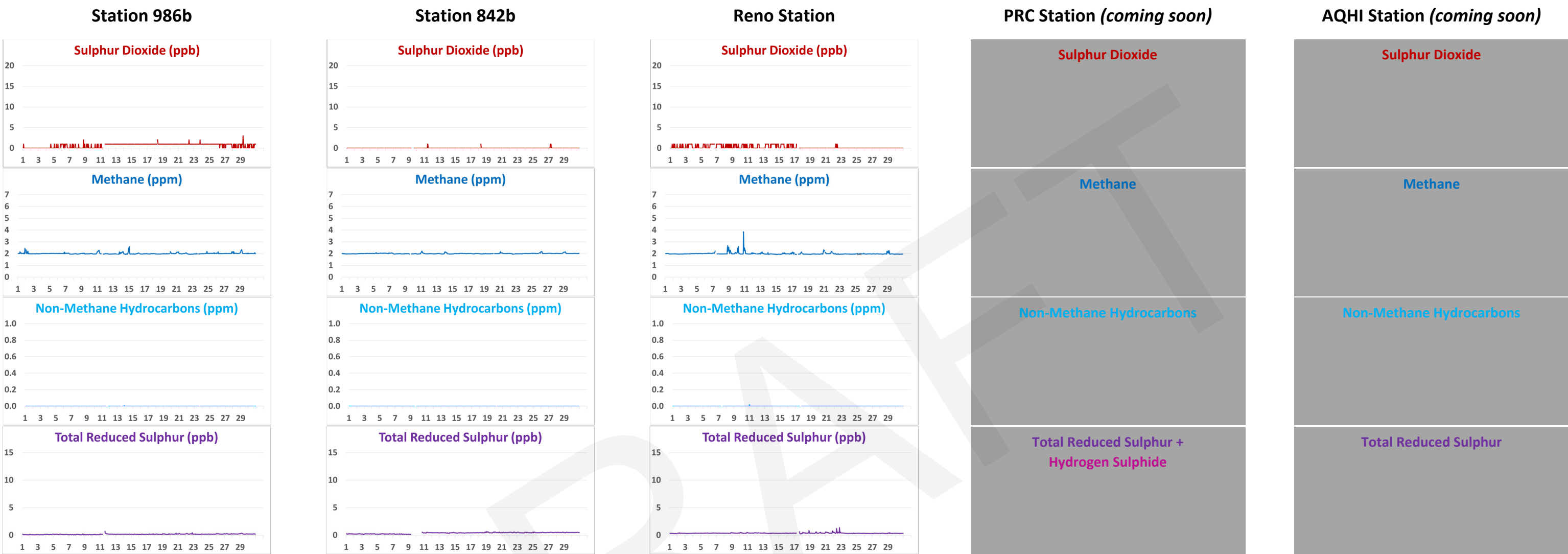


April 2019: Continuous Monitoring Program



Operational Summary

986 Station:

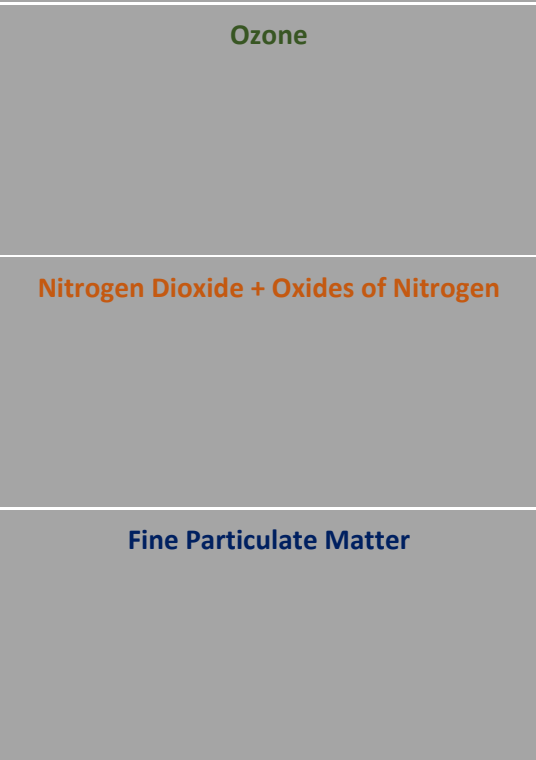
- Measured parameters were below Alberta Ambient Air Quality Objectives (AAQOs) where applicable.
- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement.
- THC/CH4/NMHC: Hourly data collected on April 13 hour 13 was invalidated due to polling errors that occurred between the analyzer and the datalogger. The channels were put offline on April 23 at hour 16 and hour 18, and on April 24 hour 9 when the canister system was tested, and the data logger programming was performed.

842 Station:

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAQOs) where applicable.
- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement.
- TRS: The convertor thermocouple was repaired to correct an issue related to the unstable temperature of the oxidizer following a shut-down calibration on April 9. The convertor was allowed to stabilize overnight. A post-repair calibration was performed on April 10. 25 hours of downtime were recorded due to this event.

Reno Station:

- Measured parameters were below Alberta Ambient Air Quality Objectives (AAQOs) where applicable.
- All data collected this month were compliant with the requirements outlined in the AMD 2016.
- All parameters met the 90% operational uptime requirement.
- THC/CH4/NMHC: The analyzer flamed out on April 7 at 07:47 due to zero air supply shutting off. The zero air supply was turned on at 11:50 following a zero span check. The analyzer passed the check requirements. 5 hours of downtime were recorded due to this event.
- WS/WD: A wind system check was performed on April 17. A routine annual wind system audit/calibration was performed on April 24. Both the wind speed sensor and the wind direction sensor passed the audit requirements. Reasons causing the frozen sensor that was recorded in January to March was likely due to errors associated with the datalogger.



April 2019: Continuous Monitoring Program

