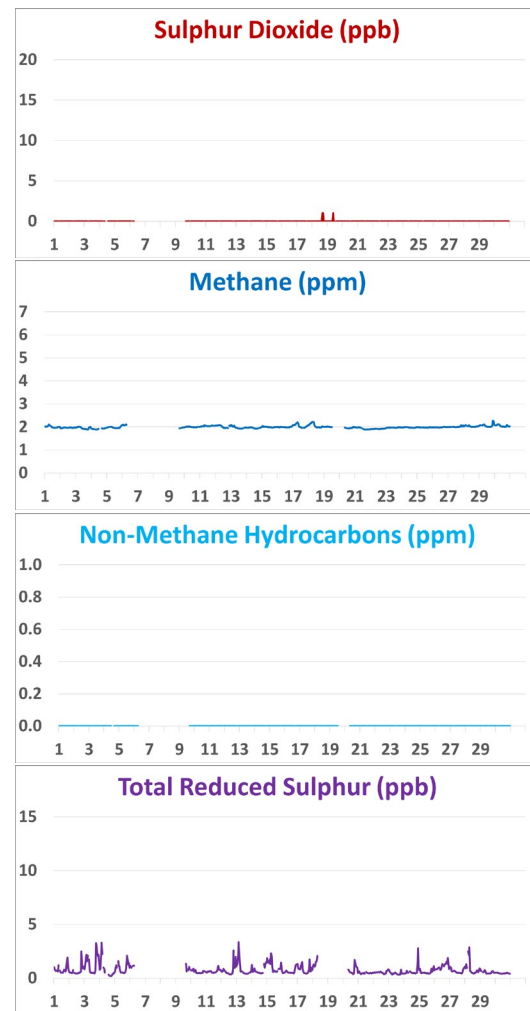
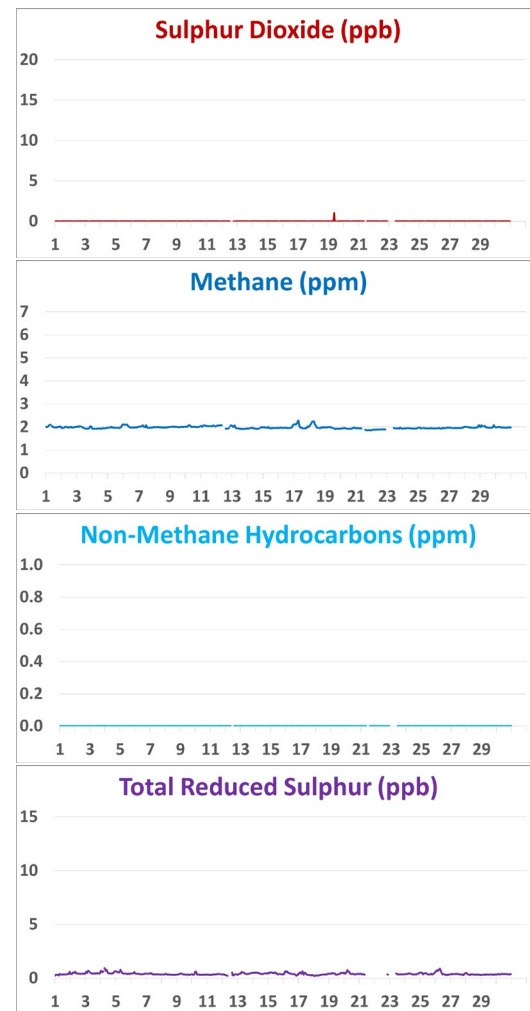


# September 2019: Continuous Monitoring Program

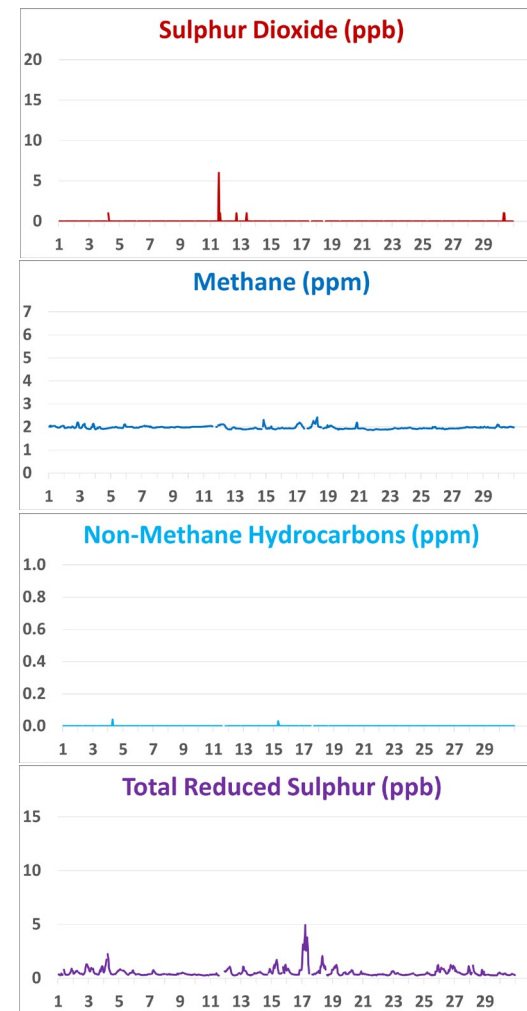
Station 986c



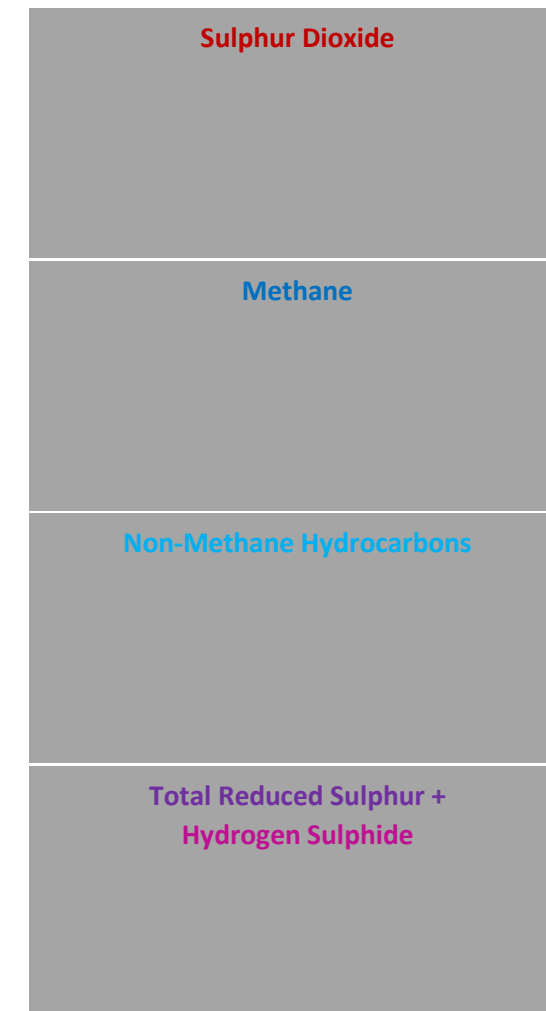
Station 842b



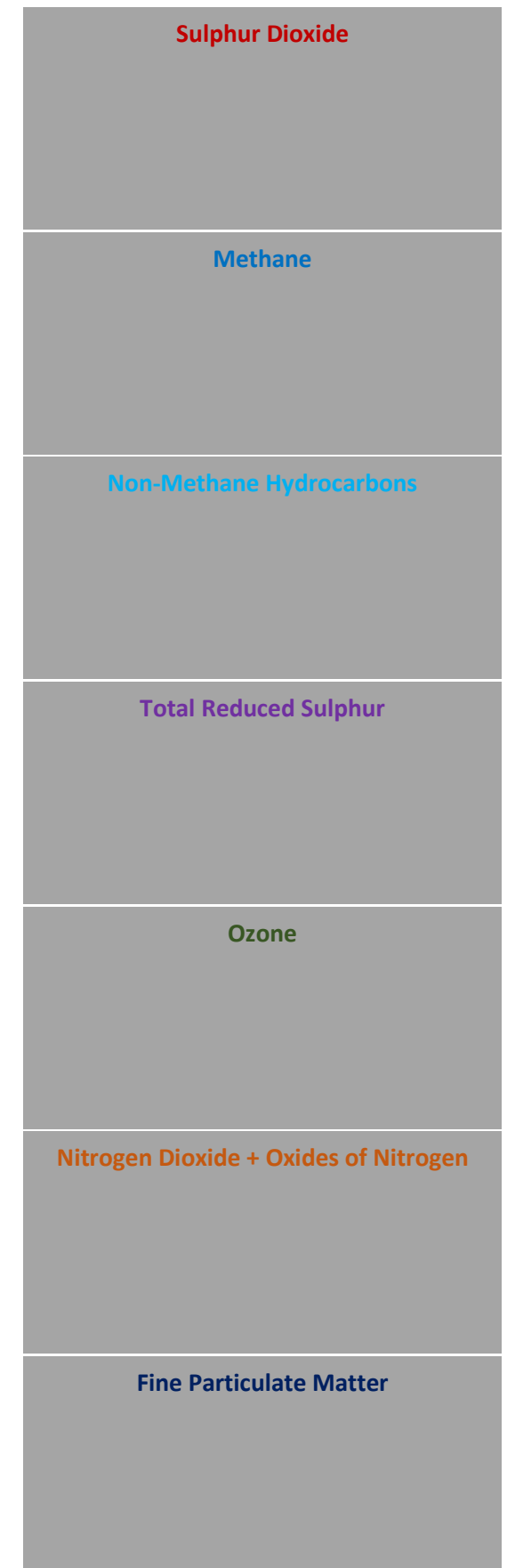
Reno Station



PRC Station (coming soon)



AQHI Station (coming soon)



## Operational Summary

### 986c Station:

- Due to a major power outage that occurred this month, the 90% operational uptime requirement was not met. AEP reference # 358685. No data were recorded between September 6 hour 7 and September 9 hour 13 due to a major power outage. Data collected on September 9 hours 14 and 15 for all gas parameters were discarded as the analyzers were recovering from the power failure. Eighty-one hours of data were invalid due to this event.
- TRS: Following the shut-down calibration performed on September 18, maintenance was performed on the analyzer and convertor to address drift in daily span response. The analyzer was put offline overnight for stabilization. A successfully post-repair calibration was performed on September 19. Thirty-two hours of downtime were recorded due to this event.
- Eight hours of data collected on September 19 and September 20 were deemed invalid as less than 75% of valid data in the hour were recorded. Eight hours of downtime was recorded as a result.
- THC/CH4/NMHC: Ten hours of data collected on September 5, September 19 and September 20 were deemed invalid as less than 75% of valid data in the hour were recorded. Ten hours of downtime was recorded as a result.
- Precipitation: Thirty-six hours of data collected between September 27 and September 30 were invalidated due to a sensor malfunction, which was caused by low ambient air temperature

### 842b Station:

- The Daily Zero-Span Test Procedure requirements outline in the AMD 2016 Chapter 7 (Section 4.0) were contravened on September 21 for all gas parameters. The scheduled automated daily zero-span check did not execute on September 21 due to a power failure event. AEP reference number: 359235.
- A power failure occurred on September 21 between hour 9 and hour 12. Four hours of downtime were recorded as a result.
- Hourly data collected between September 22 hour 22 and September 23 hour 8 were invalid due to a Windows update. Eleven hours of downtime were recorded due to this event.
- TRS: The TRS convertor malfunctioned after the power failure on September 21. The convertor was repaired, and the analyzer was put back online on September 22. Thirty-one hours of data were invalidated due to this event.
- THC/CH4/NMHC: Hourly data collected on September 21 hour 13 was invalid as the analyzer was recovering from the power failure. One hour of data was discarded.

### Reno Station:

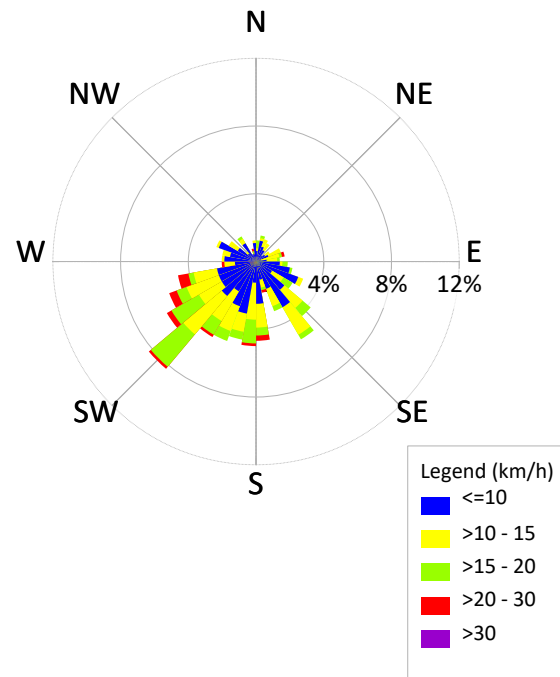
- No data were recorded between September 17 during hours 12 and 13 due to a power outage. Data collected on September 17 hours 14 and 15 for all gas parameters were discarded as the analyzers were recovering from the power failure.

### VOC Canister Sampling Program:

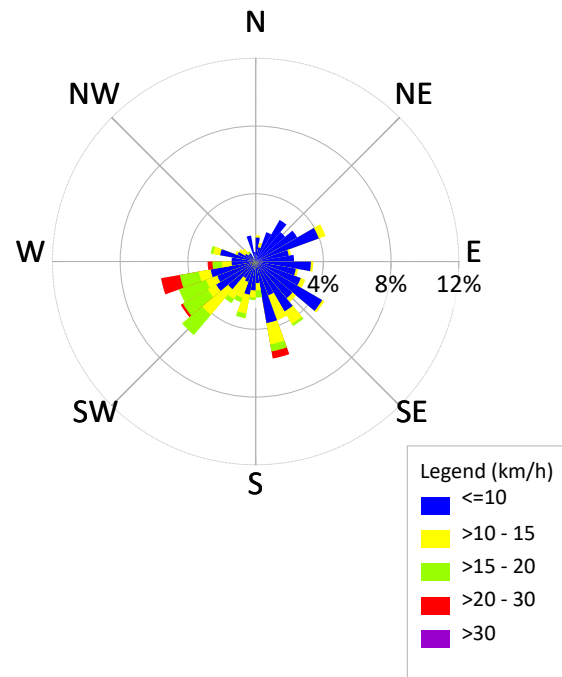
- No canister was collected in September as both the CH4 and NMHC concentrations were recorded below the trigger points.

# September 2019: Continuous Monitoring Program

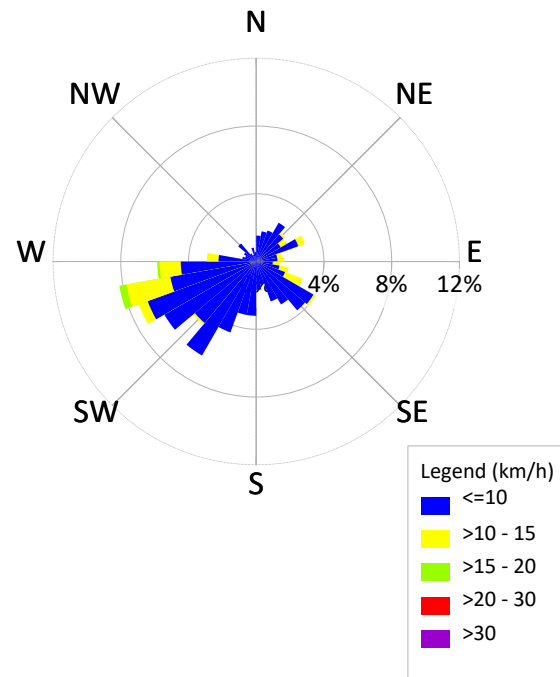
Station 986c



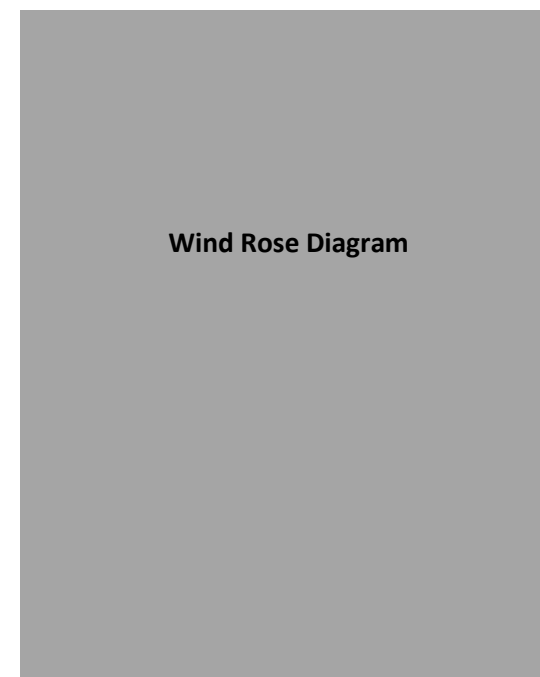
Station 842b



Reno Station



PRC Station (coming soon)



AQHI Station (coming soon)

