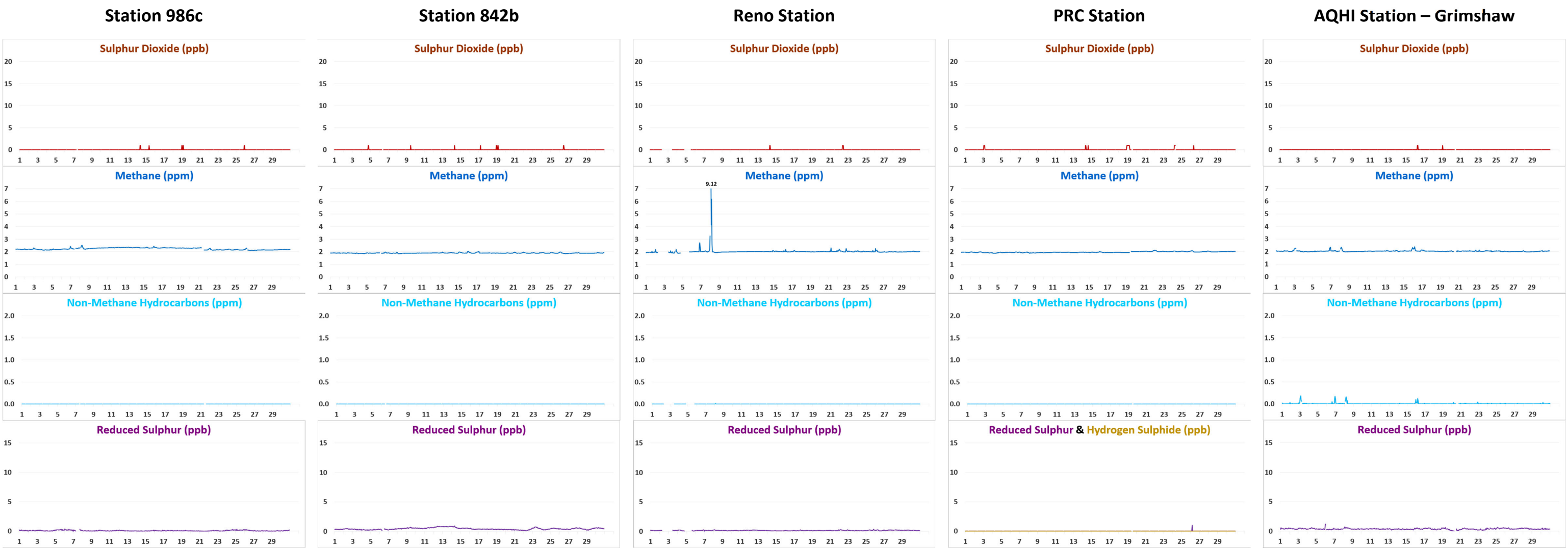


April 2022: Active Monitoring Program



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

986c Station

- No major operational issues this month that resulted in reportable downtime events. Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.

842b Station

- No major operational issues this month that resulted in reportable downtime events. Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.

Reno Station

- No major operational issues this month that resulted in reportable downtime events. Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.
- From April 7 2022 (22:35) to April 8 2022 (05:15), there were several hours of elevated hydrocarbon concentrations (methane) measured at the Reno station. No canisters were triggered by this event. Wind was predominantly from the south at speeds less than 5km/h. Reno area operators indicate that no non-routine activities, loading, maintenance, cleaning, or upsets were occurring during this time that the elevated methane measurements were recorded.

PRC Station

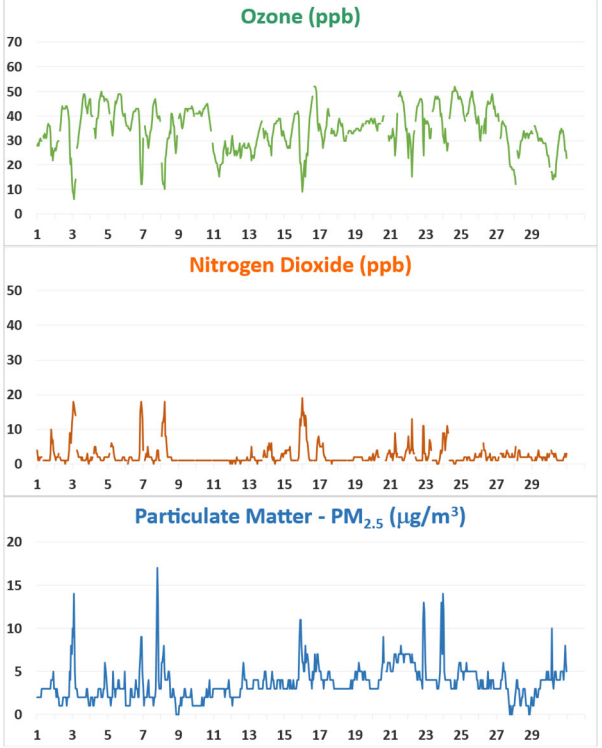
- No major operational issues this month that resulted in reportable downtime events. Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.

AQHI Station – Grimshaw

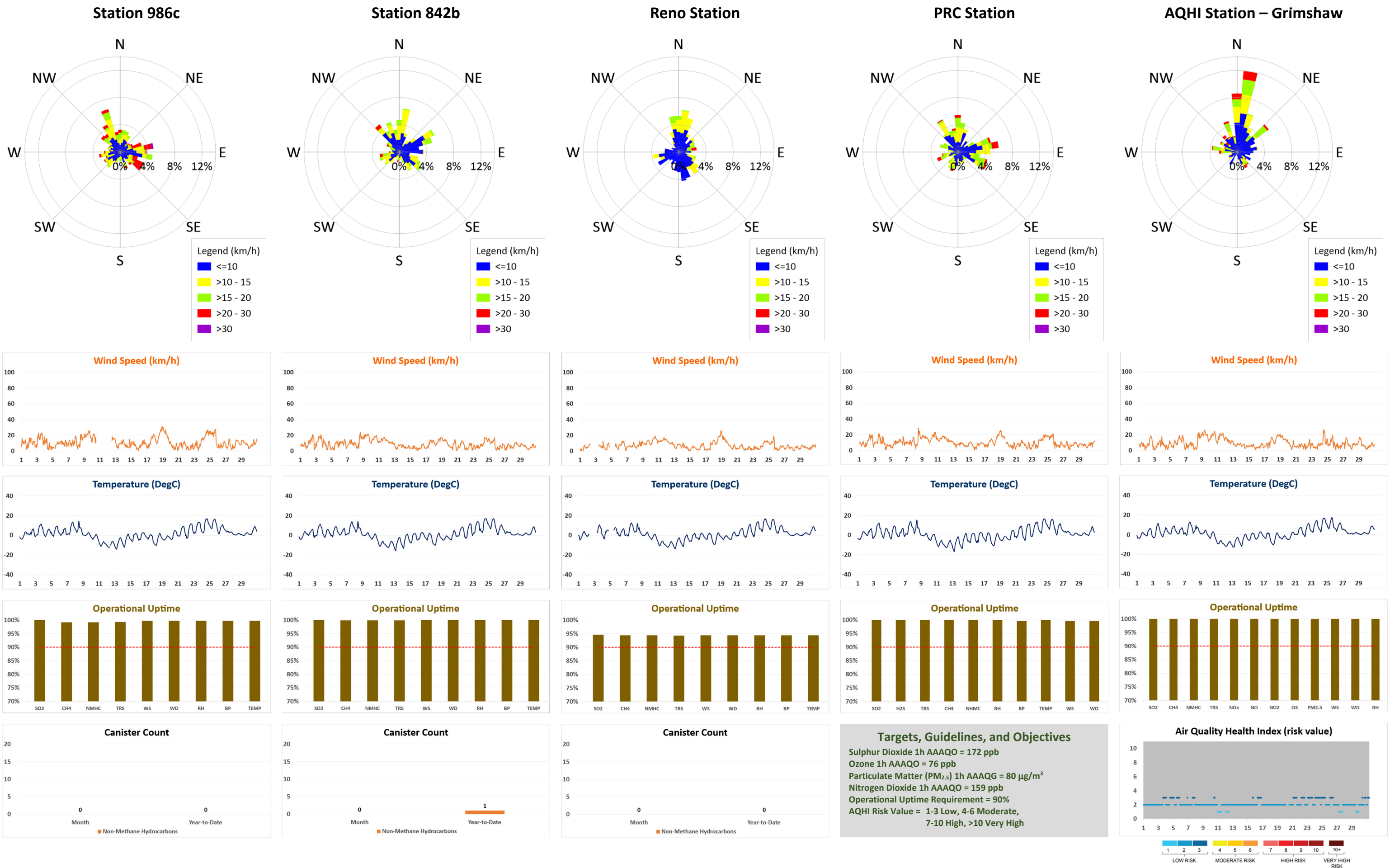
- No major operational issues this month that resulted in reportable downtime events. Measured parameters were below Alberta Ambient Air Quality Objectives (AAAQOs) where applicable.

VOCs Canister Sampling Program

- No canisters were triggered for collection this month.
- Only the non-methane hydrocarbon triggered canister sampling program remains active; the methane triggered canister sampling program has been paused pending analysis of VOC data.



April 2022: Active Monitoring Program



Targets, Guidelines, and Objectives

Sulphur Dioxide 1h AAAQO = 172 ppb
Ozone 1h AAAQO = 76 ppb
Particulate Matter (PM_{2.5}) 1h AAAQG = 80 µg/m³
Nitrogen Dioxide 1h AAAQO = 159 ppb
Operational Uptime Requirement = 90%
AQHI Risk Value = 1-3 Low, 4-6 Moderate, 7-10 High, >10 Very High

Air Quality Health Index (risk value)

LOW RISK MODERATE RISK HIGH RISK VERY HIGH RISK