

# PRAMP Technical Working Group

## January 18, 2018 — Board of Directors Update

### Canister Sampling Program

- Pressure sensor-based alarming system has been installed on station 842. The intention is to remove one of the steps in the process where human-error can be introduced.
- As part of the testing, technicians will begin artificially triggering a sample on the canisters that are set to expire to ensure the alarm system is working.
- To determine if contamination of canisters is occurring, the frequency of blank canisters will be increased over the next year.
- Non target species will be re-introduced to the suite of parameters that canister samples are analyzed for.

### Continuous Monitoring Program

#### November Dashboard

##### Reno

- No exceedances; uptime 82.4%, replacement of intake manifold needed.

##### 986B

- No exceedances; operational time above 90%; TRS at 99% uptime
- *Methane level high in November; cattle were close by the station. Once cattle moved (January 15) the emissions drop down to a normal level.*

##### 842B

- No exceedances; operational time above 90%; TRS at 99.3% uptime
- Canister event triggered on November 12 due to the analyzer. It was not analyzed until January; it tested at 0.3ppm – not a true canister event.

#### December Dashboard

##### Reno

- No exceedances; operational time above 90%
- *There is a significant amount of ground disturbance around the station; may have an effect in spring. Excavation of a borrow-pit is underway nearby.*

##### 986B

- No exceedances; operational time above 90%

##### 842B

- No exceedances; operational time above 90%; TRS at 85.1% uptime.
- *Wood Buffalo would be interested in having an information day particularly around data management and quality control. The cost to PRAMP would be travel and one night accommodation. Recommend that Lily provide feedback to TWG on processes.*

### Passive Monitoring Program

- PACs pilot program will be commissioned at station 842. After a year, the data will be analyzed. If there are repeated non-detects, the program will likely not continue. If PACs are detected in the samples, the program may continue or be expanded beyond the pilot site. This pilot will proceed in the new fiscal year.

### Future meeting agenda considerations

- Considering adding a quality assurance line item to discuss specific aspect of monitoring at each meeting.
- Future discussion on program expansion.

