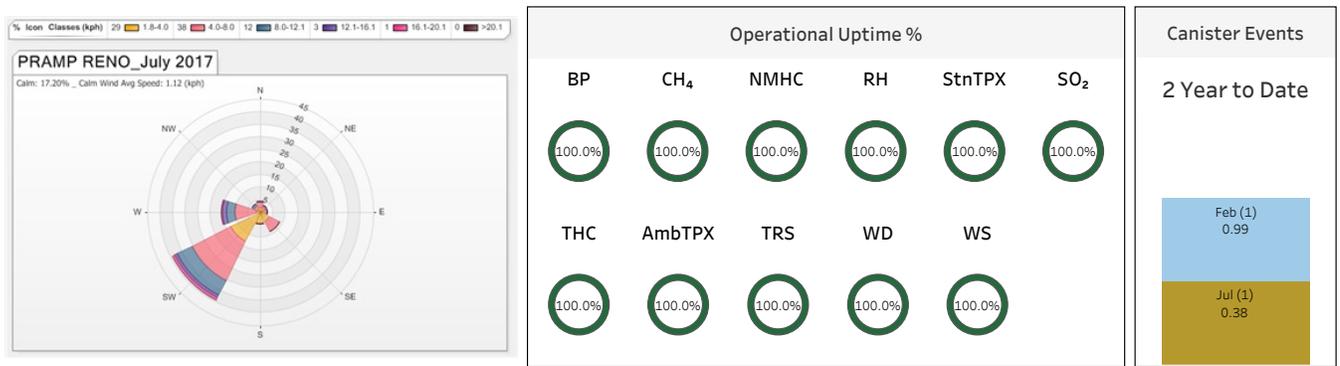


## Peace River Area Monitoring Program Committee - Reno Station July 2017 Monthly Report Summary

- All data has been baseline corrected. Data may be subject to change after Level 3 data review.
- All compliance parameters were within the Alberta Ambient Air Quality Objectives (AAAQO, 2017).
- The operational time for all continuous ambient air analyzers, meteorological systems and data acquisition systems were above 90%.

Station	Pollutant	Unit	AVG [Conc]	Uptime	Hourly Max [Conc]	Max Date	WS	WD	# Hrs >172 AAAQO	24-Hr Max [Conc]	24-Hr Avg Max Date	# Days >48 AAAQO
PRAMP - Reno	SO <sub>2</sub>	ppb	0	100.0%	3	July 12 Hr11	4.5	127 (SE)	0	1	July 7	0
	TRS	ppb	0.46	100.0%	2.51	July 26 Hr6	2.0	187 (S)	-	0.79	July 26	-
	THC	ppm	2.01	100.0%	3.74	July 7 Hr2	0.9	173 (S)	-	2.30	July 7	-
	CH <sub>4</sub>	ppm	2.01	100.0%	3.74	July 7 Hr2	0.9	173 (S)	-	2.30	July 7	-
	NMHC	ppm	0.00	100.0%	0.10	July 21 Hr22	8.4	243 (WSW)	-	0.00	July 1	-
	WS	kph	3.1	100.0%	20.0	July 3 Hr12	20.0	244 (WSW)	-	11.2	July 3	-
	WD	degree	238 (SW)	100.0%	-	-	-	-	-	-	-	-
	RH	%	64	100.0%	95	July 14 Hr2	5.2	243 (WSW)	-	85	July 13	-
	BP	mbar	939	100.0%	952	July 31 Hr22	9.4	12 (NNE)	-	949	July 31	-
	AmbTPX	°C	16.7	100.0%	28.8	July 26 Hr15	3.3	188 (S)	-	21.1	July 7	-
	StnTPX	°C	21.4	100.0%	23.6	July 13 Hr10	2.6	232 (SW)	-	21.9	July 3	-



### PRAMP - Reno Operations:

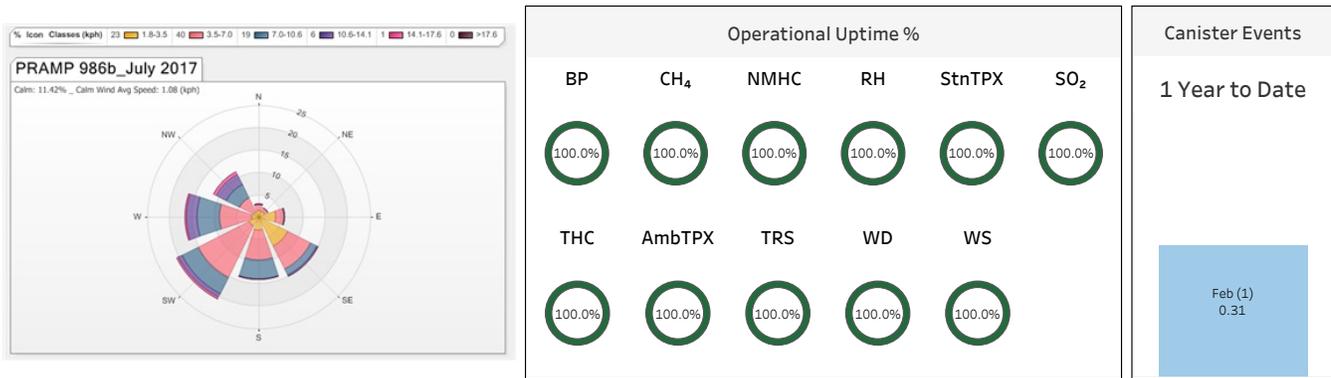
- The internal zero/span check was not executed on July 1 due to a change in the automated zero/span schedule from a 23-hr to 24-hr interval.
- **Canister System:** A canister event occurred on July 21 at 22:15. Due to contractor error, the canister was not promptly collected and replaced with a new canister. The sample will still be analyzed although hold time may have been compromised.



## Peace River Area Monitoring Program Committee - 986b Station July 2017 Monthly Report Summary

- All data has been baseline corrected. Data may be subject to change after Level 3 data review.
- All compliance parameters were within the Alberta Ambient Air Quality Objectives (AAAQO, 2017).
- The operational time for all continuous ambient air analyzers, meteorological systems and data acquisition systems were above 90%.

Station	Pollutant	Unit	AVG [Conc]	Uptime	Hourly Max		WS	WD	# Hrs >172 AAAQO	24-Hr Max [Conc]	24-Hr Avg Max Date	# Days >48 AAAQO
					[Conc]	Max Date						
PRAMP - 986	SO <sub>2</sub>	ppb	0	100.0%	2	July 12 Hr11	3.9	199 (SSW)	0	1	July 18	0
	TRS	ppb	0.39	100.0%	1.73	July 13 Hr4	1.5	108 (ESE)	-	0.60	July 27	-
	THC	ppm	1.92	100.0%	2.50	July 26 Hr22	1.2	111 (ESE)	-	2.04	July 25	-
	CH <sub>4</sub>	ppm	1.92	100.0%	2.50	July 26 Hr22	1.2	111 (ESE)	-	2.04	July 25	-
	NMHC	ppm	0.00	100.0%	0.09	July 15 Hr1	3.0	107 (ESE)	-	0.01	July 27	-
	WS	kph	2.5	100.0%	17.5	July 17 Hr11	17.5	312 (NW)	-	8.4	July 4	-
	WD	degree	239 (WSW)	100.0%	-	-	-	-	-	-	-	-
	RH	%	67	100.0%	99	July 14 Hr6	1.3	173 (S)	-	89	July 13	-
	BP	mbar	943	100.0%	956	July 31 Hr23	12.1	291 (WNW)	-	953	July 31	-
	AmbTPX	°C	17.1	100.0%	30.1	July 7 Hr16	5.2	96 (E)	-	21.5	July 7	-
	StnTPX	°C	21.0	100.0%	22.4	July 8 Hr19	5.1	179 (S)	-	21.5	July 15	-



### PRAMP - 986b Operations:

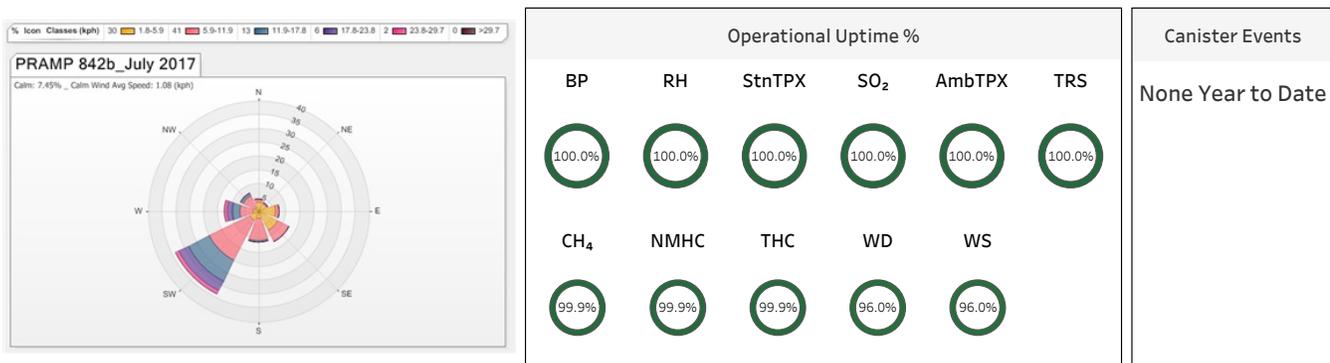
- The internal zero/span check was not executed on July 1 due to a change in the automated zero/span schedule from a 23-hr to 24-hr interval.
- **Canister System:** No canister event was recorded this month.



## Peace River Area Monitoring Program Committee - 842b Station July 2017 Monthly Report Summary

- All data has been baseline corrected. Data may be subject to change after Level 3 data review.
- All compliance parameters were within the Alberta Ambient Air Quality Objectives (AAAQO, 2017).
- The operational time for all continuous ambient air analyzers, meteorological systems and data acquisition systems were above 90%.

Station	Pollutant	Unit	AVG [Conc]	Uptime	Hourly Max		WS	WD	# Hrs >172 AAAQO	24-Hr Max [Conc]	24-Hr Avg Max Date	# Days >48 AAAQO
					[Conc]	Max Date						
PRAMP - 842b	SO <sub>2</sub>	ppb	0	100.0%	3	July 12 Hr11	5.9	222 (SW)	0	0	July 1	0
	TRS	ppb	0.19	100.0%	1.02	July 7 Hr4	2.2	76 (ENE)	-	0.26	July 7	-
	THC	ppm	1.93	99.9%	2.19	July 21 Hr4	0.5	359 (N)	-	1.99	July 25	-
	CH <sub>4</sub>	ppm	1.93	99.9%	2.19	July 21 Hr4	0.5	359 (N)	-	1.99	July 25	-
	NMHC	ppm	0.00	99.9%	0.00	July 1 Hr0	5.5	131 (SE)	-	0.00	July 1	-
	WS	kph	5.3	96.0%	29.6	July 3 Hr16	29.6	247 (WSW)	-	17.3	July 3	-
	WD	degree	231 (SW)	96.0%	-	-	-	-	-	-	-	-
	RH	%	65	100.0%	96	July 13 Hr4	4.7	59 (ENE)	-	87	July 13	-
	BP	mbar	943	100.0%	957	July 31 Hr23	5.0	294 (WNW)	-	953	July 31	-
	AmbTPX	°C	16.7	100.0%	30.1	July 7 Hr14	4.3	91 (E)	-	21.0	July 7	-
StnTPX	°C	22.8	100.0%	38.3	July 12 Hr17	3.5	74 (ENE)	-	27.8	July 12	-	



### PRAMP - 842b Operations:

- The internal zero/span check was not executed on July 1 due to a change in the automated zero/span schedule from a 23-hr to 24-hr interval.
- **THC/CH<sub>4</sub>/NMHC:** on July 18 1 hr of downtime was recorded due to a failed zero/span check attempt.
- **Wind System:** 30 hrs of downtime were recorded due to an electronic failure of the wind system on July 9. On July 10, the resident wind system, RM Young 05305VK (s/n: 110980), was removed for maintenance and a replacement, RM Young 05305VK (s/n: 65521), was installed. The replacement wind system was calibrated on July 11.
- **Canister System:** No canister event was recorded this month.

