

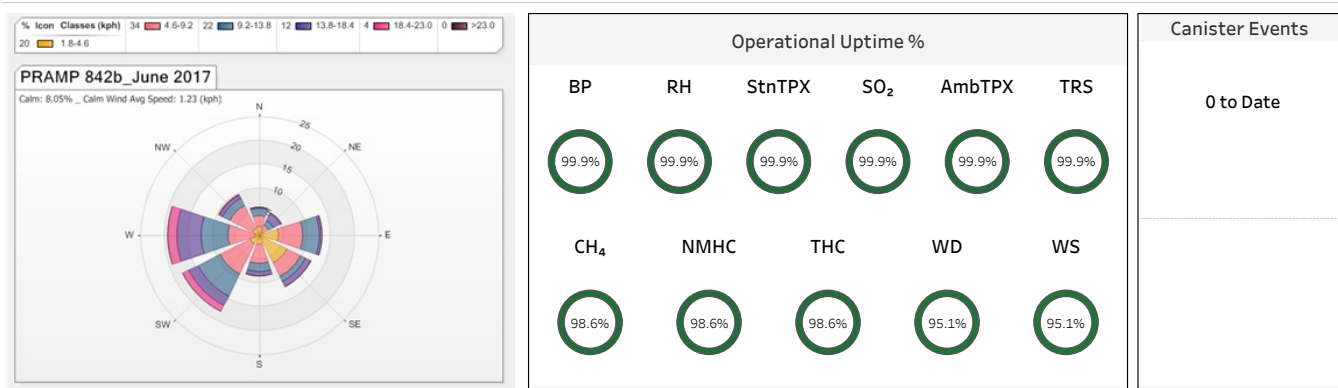




## Peace River Area Monitoring Program Committee - 842b Station June 2017 Monthly Report Summary

- 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 > AAAQO	24-Hr Max [Conc]	Monthly Avg Max Date	# Days > AAAQO (48)
PRAMP - 842b	SO <sub>2</sub>	ppb	0	99.9%	1	June 1 Hr8	7.9	218 (SW)	0	0	June 1	0
	TRS	ppb	0.19	99.9%	0.73	June 18 Hr5	4.3	146 (SE)	-	0.29	June 2	-
	THC	ppm	1.88	98.6%	2.25	June 20 Hr4	4.3	93 (E)	-	1.96	June 5	-
	CH <sub>4</sub>	ppm	1.88	98.6%	2.25	June 20 Hr4	4.3	93 (E)	-	1.96	June 5	-
	NMHC	ppm	0.00	98.6%	0.00	June 1 Hr0	2.2	146 (SE)	-	0.00	June 1	-
	WS	kph	2.6	95.1%	22.9	June 3 Hr17	12.7	255 (WSW)	-	12.7	June 9	-
	WD	degree	239 (WSW)	95.1%	-	-	-	-	-	-	-	-
	RH	%	60	99.9%	96	June 11 Hr4	4.0	338 (NNW)	-	83	June 14	-
	BP	mbar	940	99.9%	954	June 24 Hr5	0.9	83 (E)	-	953	June 24	-
	AmbTPX	°C	15.1	99.9%	27.1	June 7 Hr15	9.0	97 (E)	-	21.4	June 8	-
	StnTPX	°C	20.6	99.9%	23.2	June 30 Hr5	4.4	297 (WNW)	-	22.5	June 30	-



### PRAMP - 842b Operations:

- **All Parameters (excluding wind):** 1 hr of downtime was recorded due to a power failure that occurred on June 28, at hour 08:00.
- **THC/CH<sub>4</sub>/NMHC:** The analyzer was replaced on June 14, in response to the ongoing situation where low-impact noise was being recorded for NMHC. 9 hrs of downtime were recorded due to this event.
- **Wind System:** The wind system malfunctioned on June 27 and was subsequently replaced on June 29. 35 hrs of wind data were discarded due to this event.
- **Canister System:** No canister event was recorded this month.

