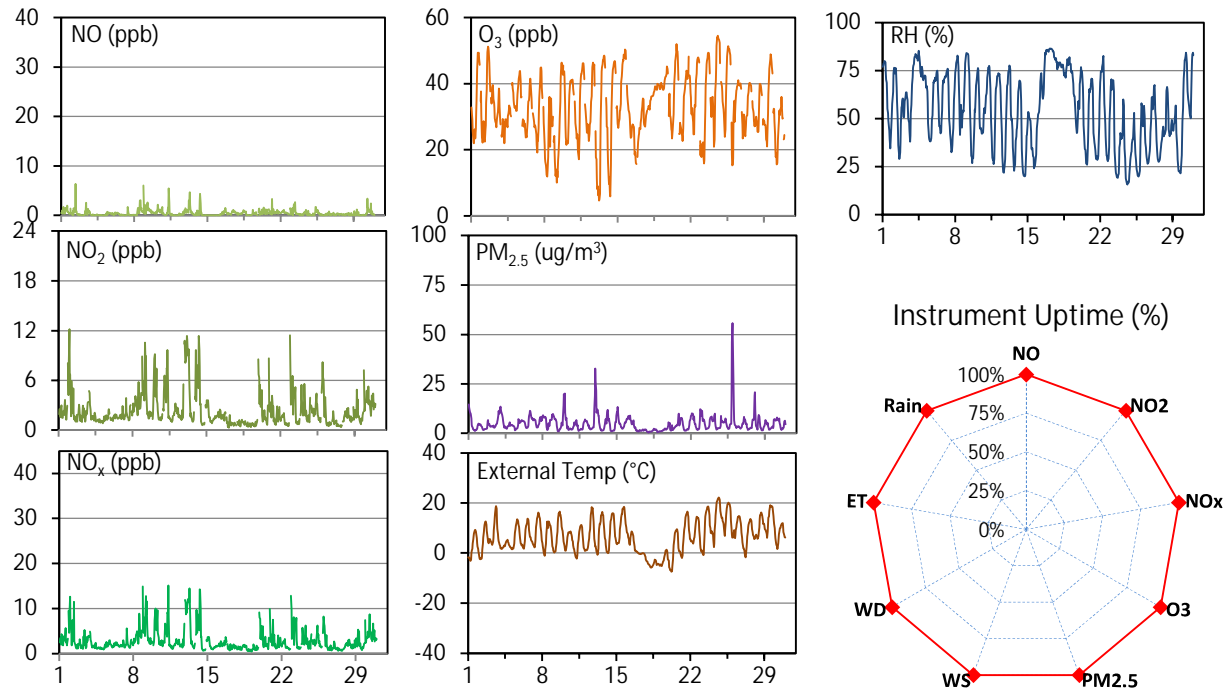
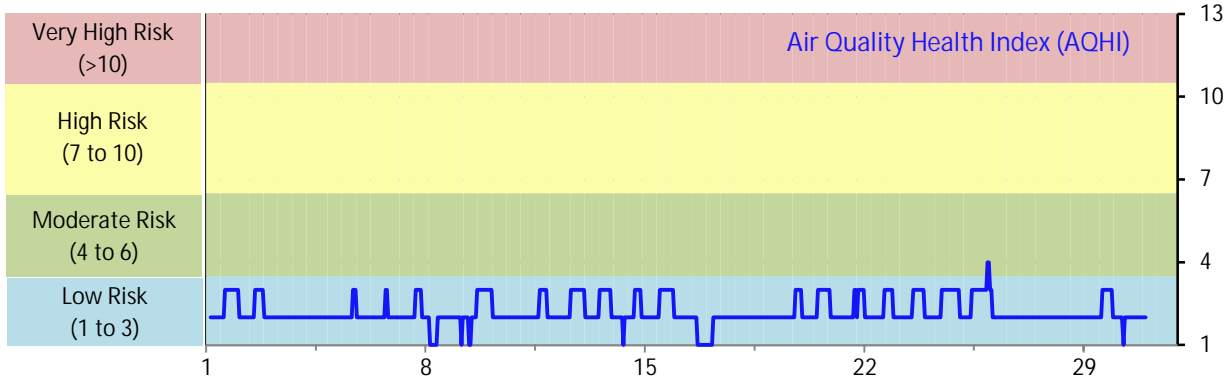


# WYAMZ Clavet Station - April 2024 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.5	100.0%	1.1	Apr-8	-	-	6.4	Apr-02 09:00	-	-
NO <sub>2</sub>	ppb	2.4	100.0%	5.3	Apr-13	106	0	12.2	Apr-02 00:00	159	0
NO <sub>x</sub>	ppb	2.9	100.0%	6.2	Apr-13	-	-	15.1	Apr-11 07:00	-	-
O <sub>3</sub>	ppb	32.9	100.0%	41.8	Apr-24	-	-	54.5	Apr-24 14:00	82	0
PM <sub>2.5</sub>	ug/m3	5.0	100.0%	10.8	Apr-25	28	0	55.6	Apr-25 22:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

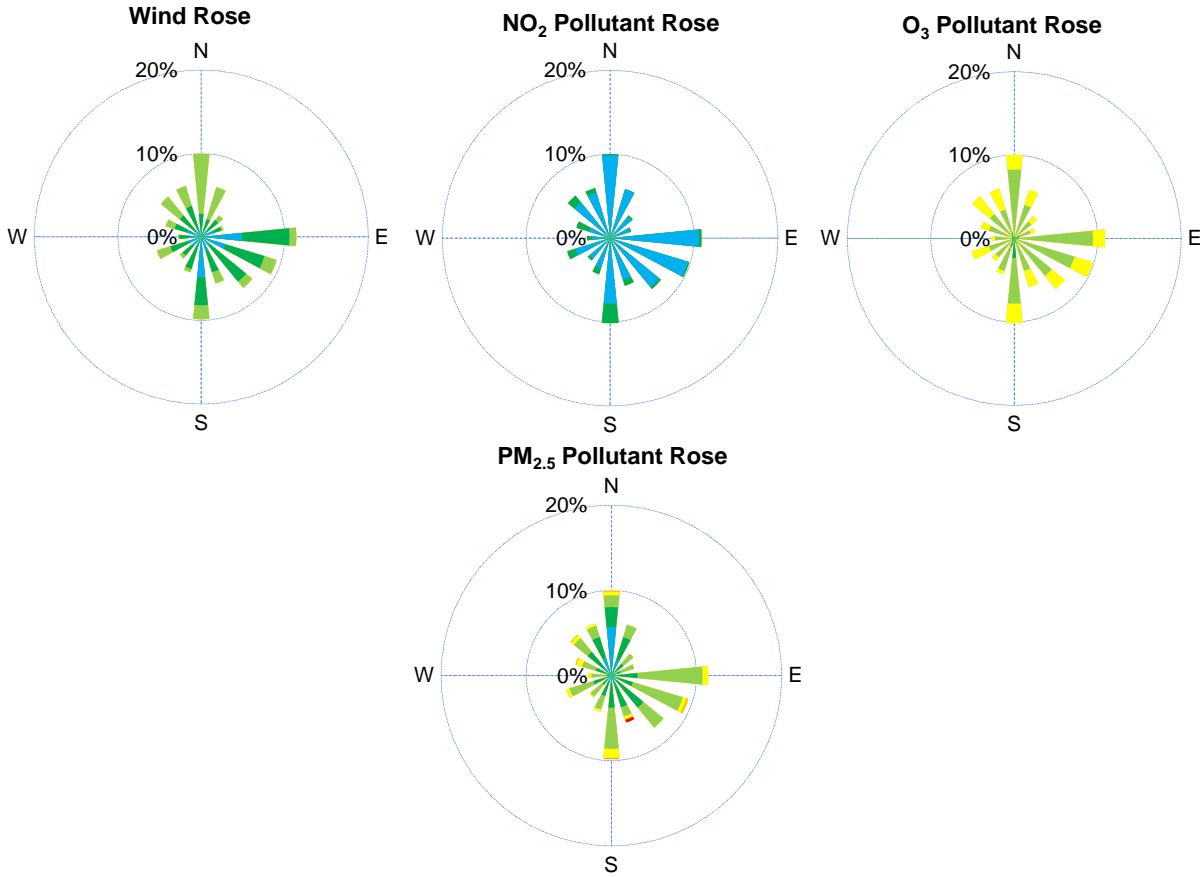


## Monthly Update

- \*All data has been slope, intercept, and baseline corrected. Data may change after validation process.
- \*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- \*All compliance parameters were more than 90% operational for the month.



# WYAMZ Clavet Station - April 2024 Summary Report

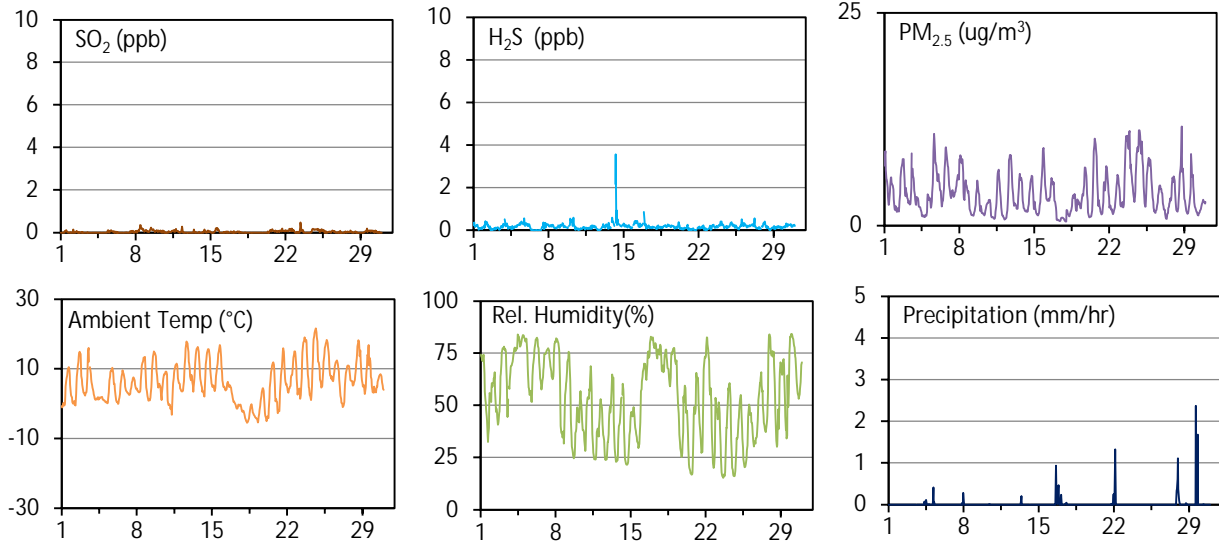


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class						
Wind Speed	kph	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$	
NO <sub>2</sub>	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$	
O <sub>3</sub>	ppb	$0 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 40$	$40 \leq C < 60$	$60 \leq C < 82$	$C \geq 82$	
PM <sub>2.5</sub>	ug/m <sup>3</sup>	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$	

## WYAMZ Kerrobert Station - April 2024 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS	Exceed Days	Maximum		SAAQS	Exceed Hours
				Conc.	Time	Objective		Conc.	Time	Objective	
SO <sub>2</sub>	ppb	-	99.7%	0.1	Apr-8	48	0	0.5	Apr-23 09:00	172	0
H <sub>2</sub> S	ppb	-	99.7%	0.5	Apr-14	3.6	0	3.6	Apr-14 06:00	11	0
PM <sub>2.5</sub>	ug/m3	3.8	99.7%	7.0	Apr-24	28	0	11.7	Apr-28 18:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



### Monthly Update

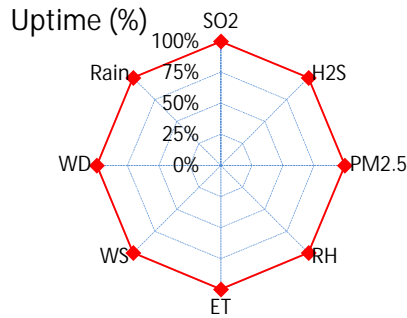
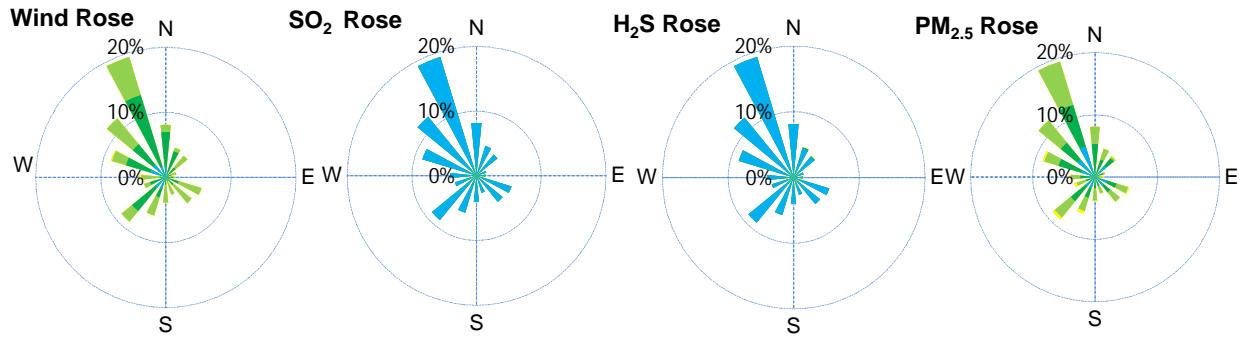
\*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

\*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

\*All compliance parameters were greater than 90% operational for the month.

\*2 hours of data for the whole station flagged as "power failure" due to power supply issues on the site.

# WYAMZ Kerrobert Station - April 2024 Summary Report

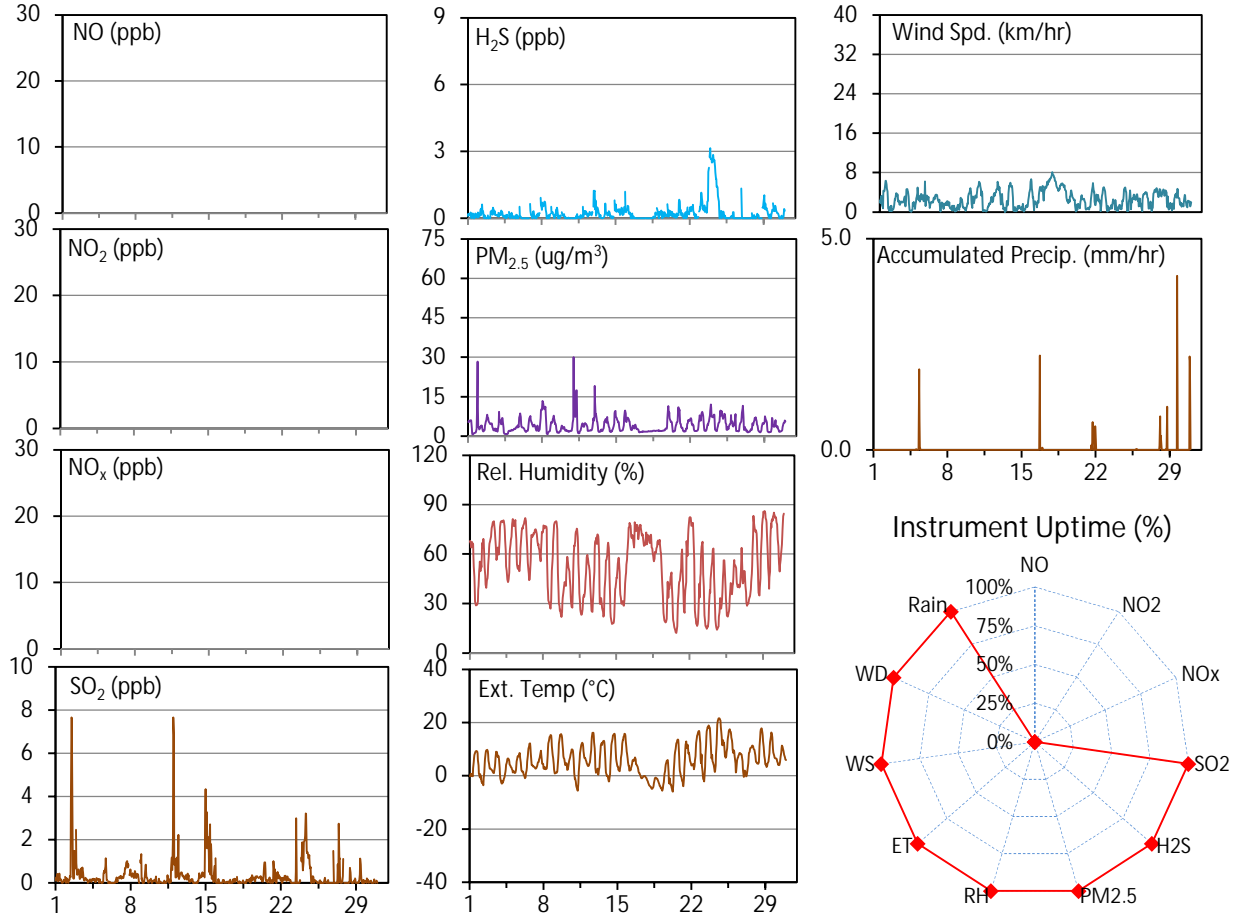


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	kph	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO <sub>2</sub>	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
H <sub>2</sub> S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$
PM <sub>2.5</sub>	ug/m <sup>3</sup>	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

# WYAMZ Maidstone Station - April 2024 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	-	0.0%	< 0.1	-	-	-	< 0.1	-	-	-
NO <sub>2</sub>	ppb	-	0.0%	< 0.1	-	106	0	< 0.1	-	159	0
NO <sub>x</sub>	ppb	-	0.0%	< 0.1	-	-	-	< 0.1	-	-	-
SO <sub>2</sub>	ppb	0.3	100.0%	1.4	Apr-2	48	0	7.7	Apr-11 23:00	172	0
H <sub>2</sub> S	ppb	0.2	100.0%	1.7	Apr-24	3.6	0	3.2	Apr-23 22:00	11	0
PM <sub>2.5</sub>	ug/m3	4.1	100.0%	5.9	Apr-23	28	0	30.1	Apr-10 23:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

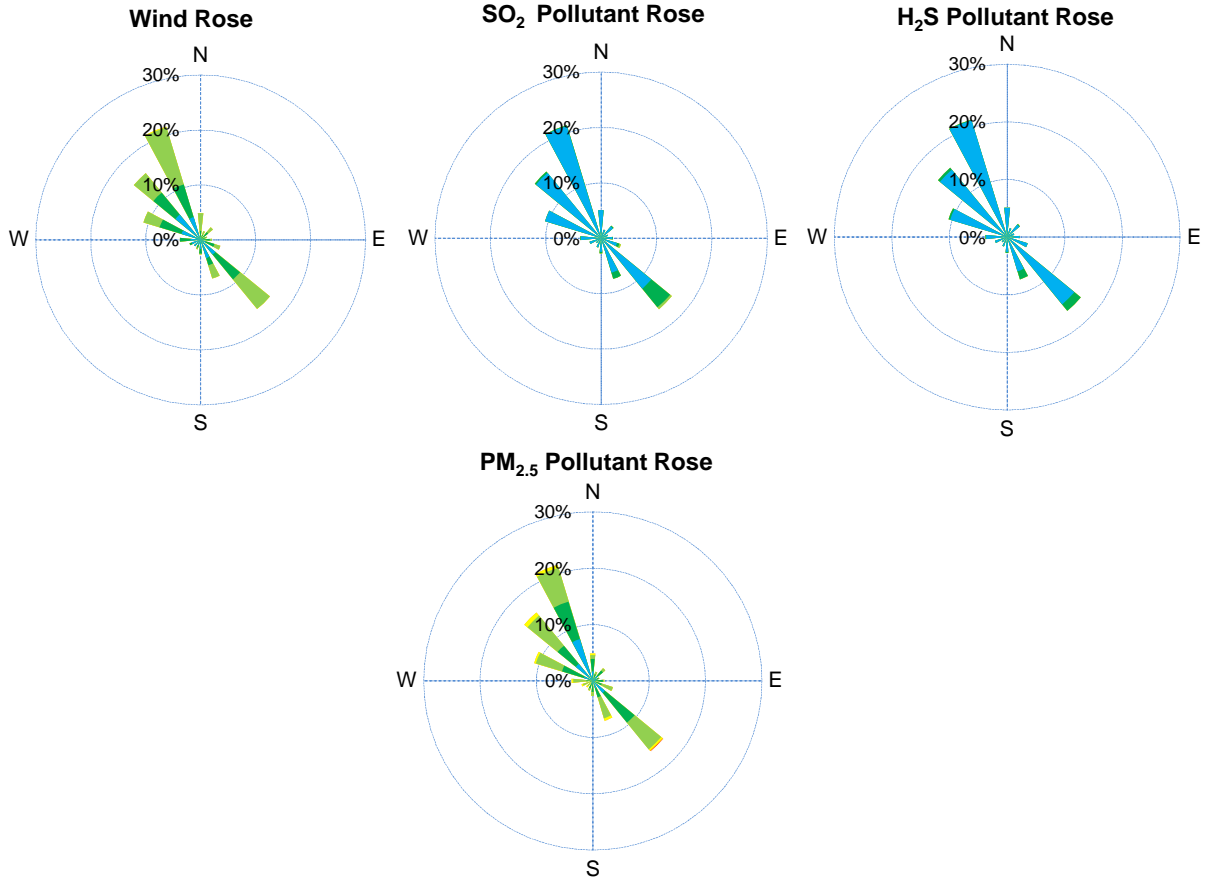


## Monthly Update

- \*All data has been slope, intercept, and baseline corrected. Data may change after validation process.
- \*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- \*All compliance parameters were greater than 90% operational, except NO/NO<sub>x</sub>/NO<sub>2</sub>.
- \*All NO/NO<sub>x</sub>/NO<sub>2</sub> data was flagged as "analyzer failure" due to the removal of the analyzer from service on August 24th, 2023.



# WYAMZ Maidstone Station - April 2024 Summary Report

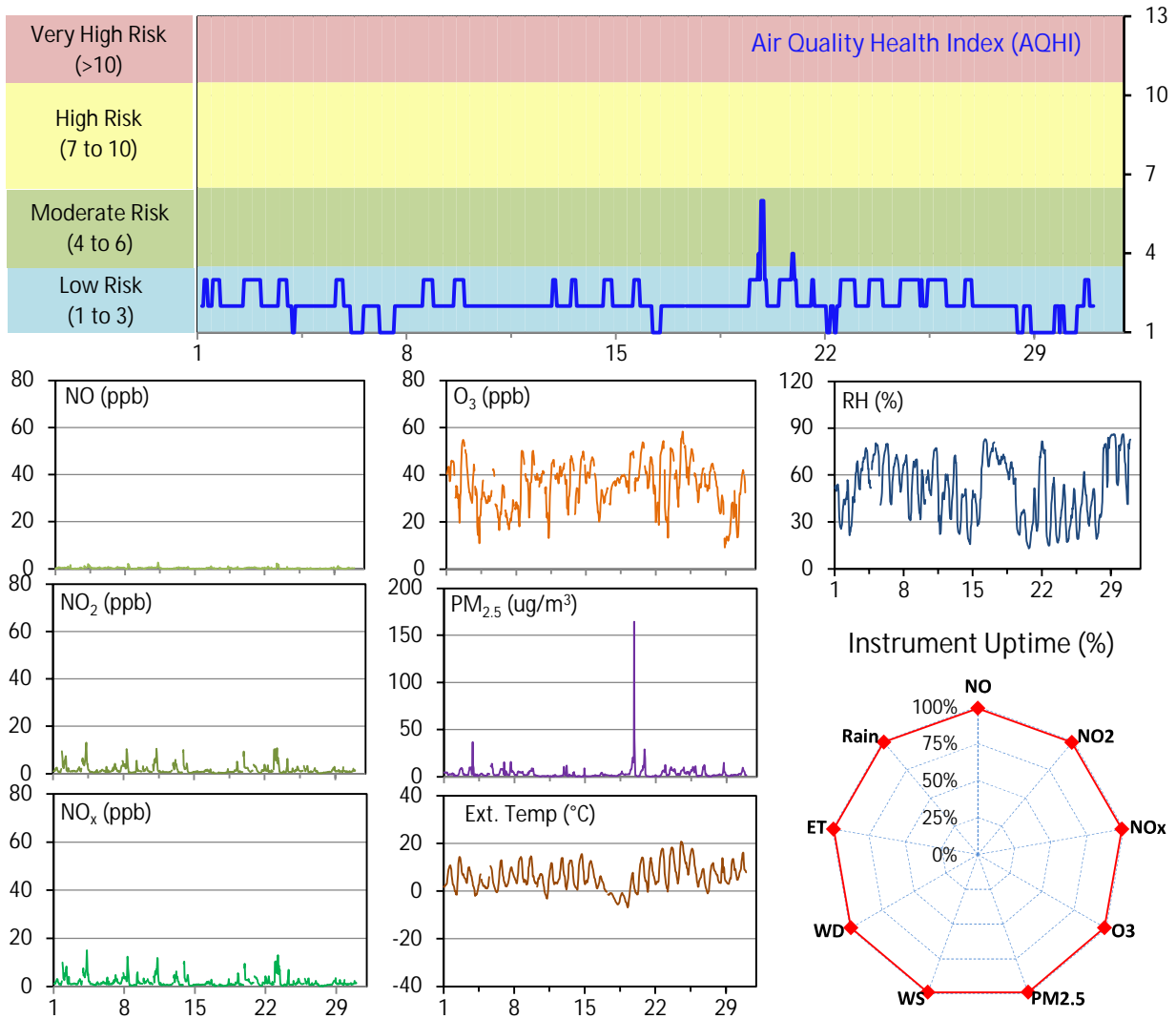


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class						
Wind Speed	kph	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$	
SO <sub>2</sub>	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$	
NO <sub>2</sub>	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$	
H <sub>2</sub> S	ppb	$0 \leq C < 1$	$1 \leq C < 3.6$	$3.6 \leq C < 5$	$5 \leq C < 8$	$8 \leq C < 10.8$	$C \geq 10.8$	
PM <sub>2.5</sub>	ug/m <sup>3</sup>	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$	

# WYAMZ Meadow Lake City Station - April 2024 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Objective	Exceed Days	Maximum		SAAQS Objective	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.2	98.8%	0.6	Apr-4	-	-	2.6	Apr-11 07:00	-	-
NO <sub>2</sub>	ppb	1.6	98.8%	3.6	Apr-4	106	0	13.1	Apr-04 07:00	159	0
NO <sub>x</sub>	ppb	1.9	98.8%	4.2	Apr-4	-	-	15.1	Apr-04 07:00	-	-
O <sub>3</sub>	ppb	35.7	98.8%	44.8	Apr-24	-	-	58.3	Apr-24 16:00	82	0
PM <sub>2.5</sub>	ug/m3	3.3	99.2%	15.0	Apr-19	28	0	164.4	Apr-19 20:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards

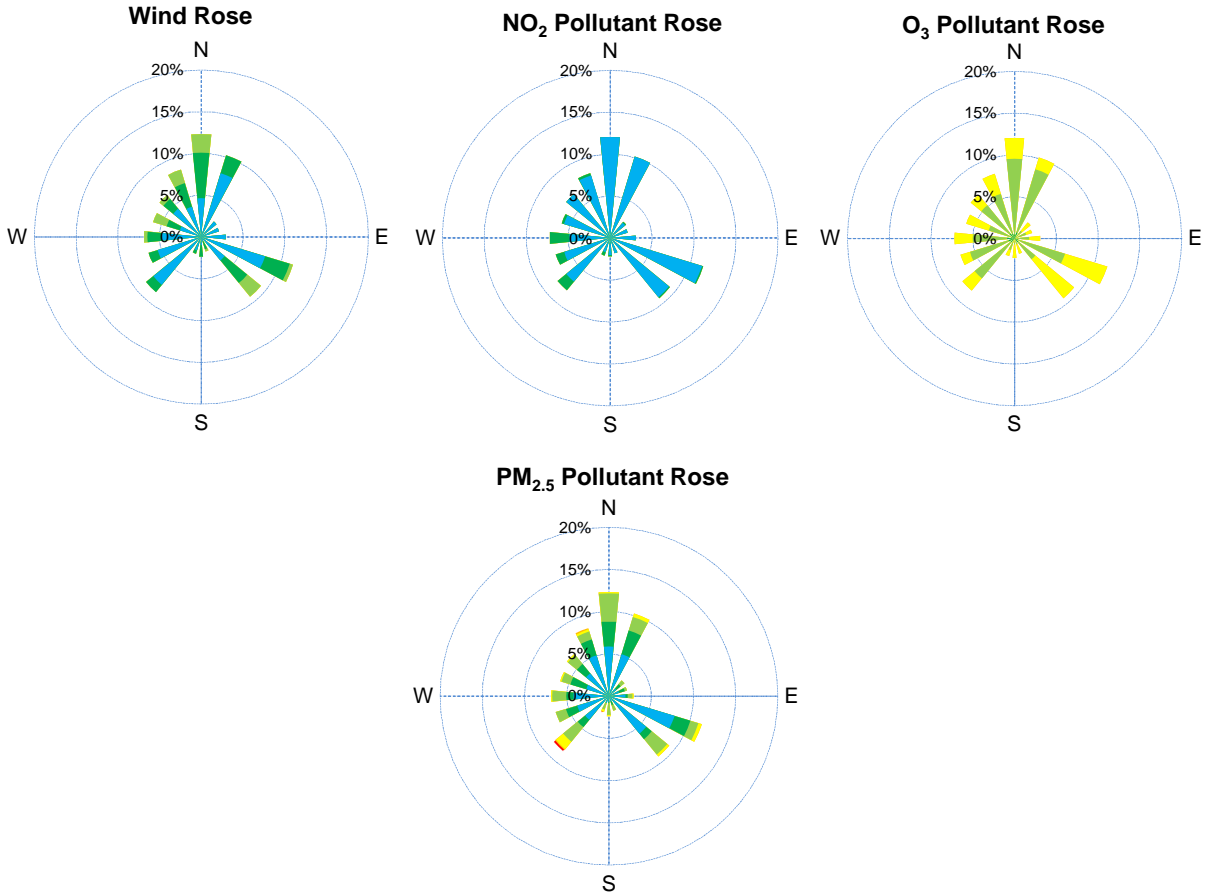


## Monthly Update

- \*All data has been slope, intercept, and baseline corrected. Data may change after validation process.
- \*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- \*All compliance parameters were greater than 90% operational.
- \*6-8 hours of data flagged as "power failure" for the whole station due to power supply issues on site.



# WYAMZ Meadow Lake City Station - April 2024 Summary Report



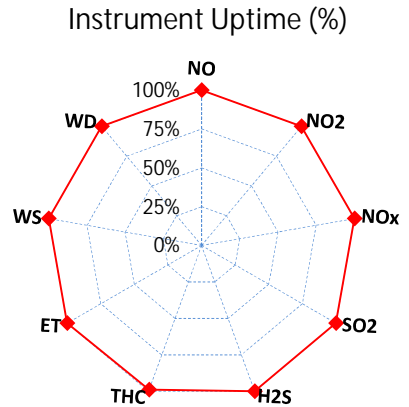
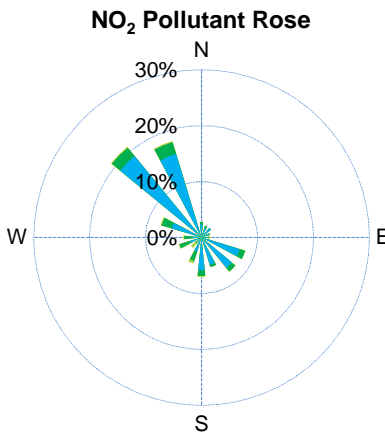
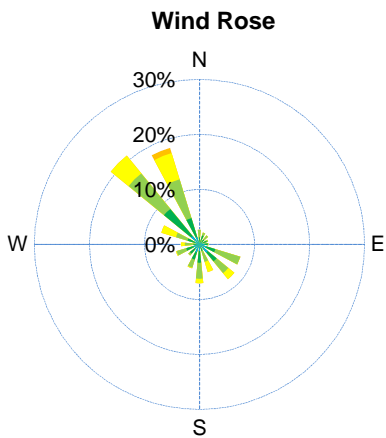
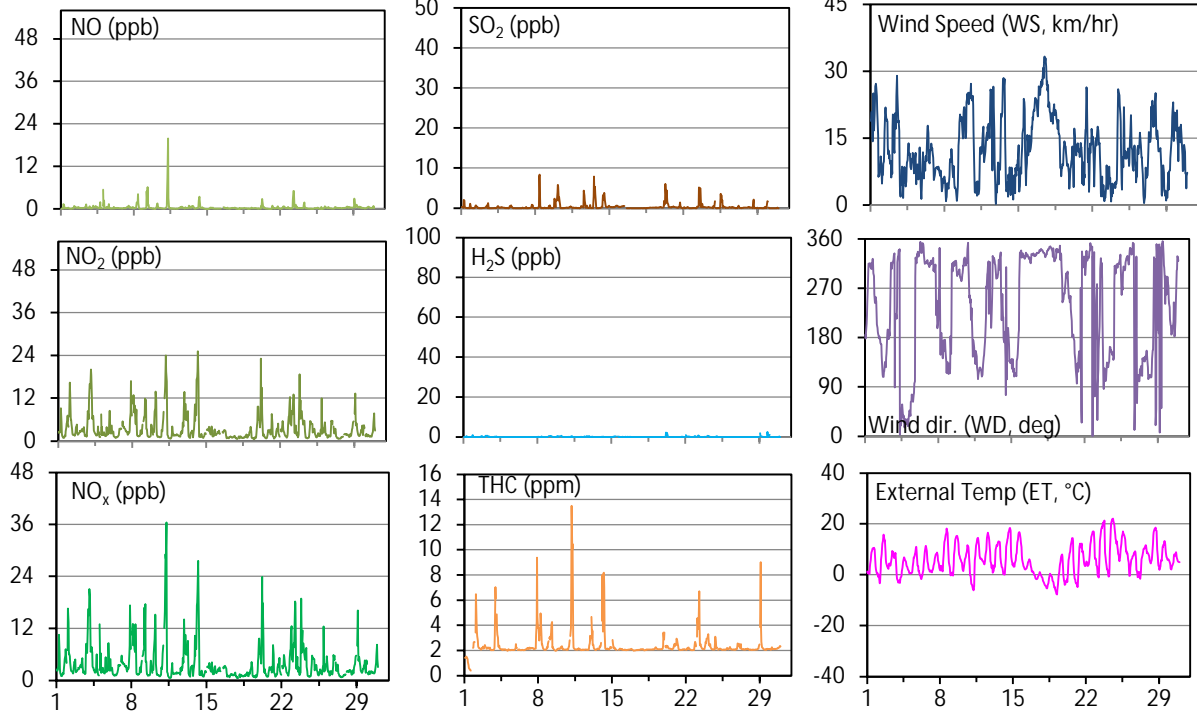
Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class						
Wind Speed	kph	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$	
NO <sub>2</sub>	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$	
O <sub>3</sub>	ppb	$0 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 40$	$40 \leq C < 60$	$60 \leq C < 82$	$C \geq 82$	
PM <sub>2.5</sub>	ug/m <sup>3</sup>	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$	



# Genovus Energy Inc East Station - April 2024 Summary Report

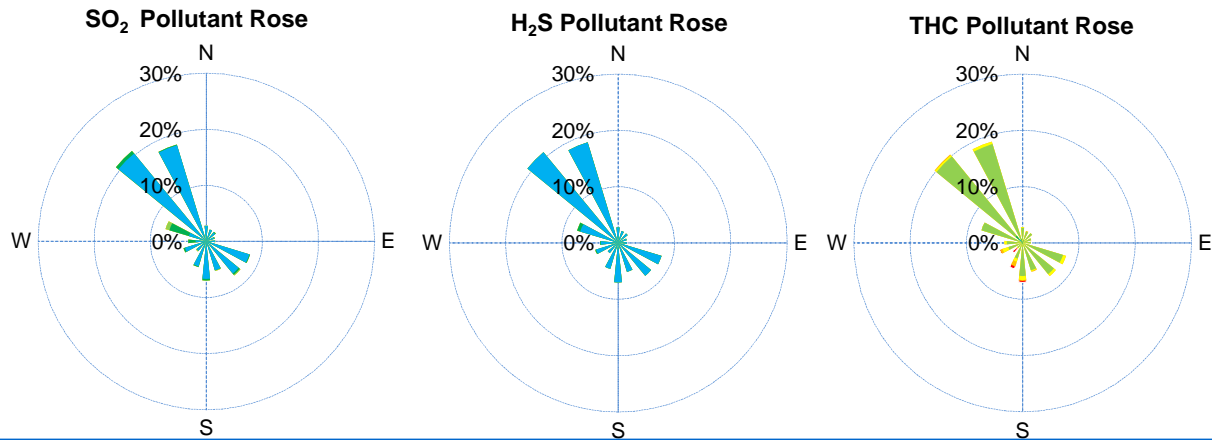
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standards	Exceed Days	Maximum		SAAQS Standards	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.4	100.0%	1.7	Apr-11	-	-	19.9	Apr-11 07:00	-	-
NO <sub>2</sub>	ppb	3.4	100.0%	6.2	Apr-23	106	0	25.2	Apr-14 06:00	159	0
NO <sub>x</sub>	ppb	3.8	100.0%	7.3	Apr-11	-	-	36.5	Apr-11 07:00	-	-
SO <sub>2</sub>	ppb	0.3	100.0%	1.1	Apr-20	48	0	8.4	Apr-08 11:00	172	0
H <sub>2</sub> S	ppb	0.1	100.0%	< 0.1	-	3.6	0	2.6	Apr-29 19:00	11.0	0
THC	ppm	2.4	98.8%	3.7	Apr-11	-	-	13.5	Apr-11 05:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	km/hr	1 ≤ WS < 5	5 ≤ WS < 10	10 ≤ WS < 20	20 ≤ WS < 30	30 ≤ WS < 40	WS ≥ 40
SO <sub>2</sub>	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
NO <sub>2</sub>	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
H <sub>2</sub> S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 11	C ≥ 11
THC	ppm	0 ≤ C < 1	1 ≤ C < 2	2 ≤ C < 3	3 ≤ C < 4	4 ≤ C < 5	C ≥ 5

# Genovus Energy Inc East Station - April 2024 Summary Report



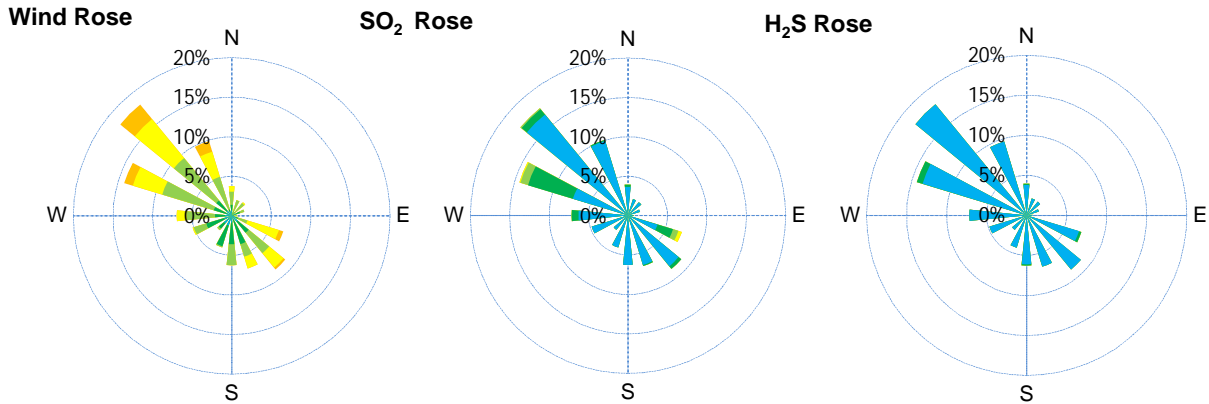
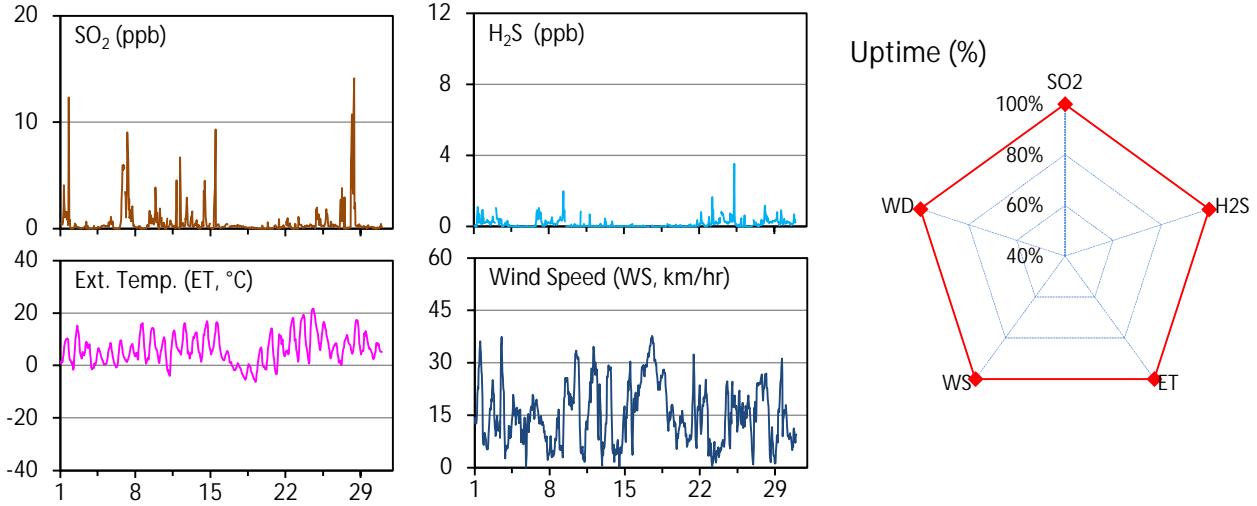
## Monthly Update

- \*Air monitoring data has been validated. Data may change after validation process.
- \*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- \*All compliance parameters were >90% operational.
- \*8 hours of data flagged as "maintenance" for THC due to manifold cleaning, an internal pump replacement and a manual span.
- \*THC analyzer was calibrated on April 1st due to an internal pump replacement.
- \*Station was calibrated on April 14 and 16, 2024.

# Genovus Energy Inc West Station - April 2024 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records				
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		AAAQO / SAAQS	Exceed Days	Minimum Conc.	Maximum		AAAQO / SAAQS	Exceed Hours
				Conc.	Time				Conc.	Time		
SO <sub>2</sub>	ppb	0.6	100.0%	3.2	Apr-28	48 / 48	0 / 0	-0.3	14.1	Apr-28 10:00	172 / 172	0 / 0
H <sub>2</sub> S	ppb	0.2	99.9%	0.4	Apr-28	3 / 3.6	0 / 0	-0.2	4.0	Apr-25 07:00	10 / 11.0	0 / 0

AAAQO: Alberta Ambient Air Quality Objectives; SAAQS: Saskatchewan Ambient Air Quality Standards.



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	km/hr	1 ≤ WS < 5	5 ≤ WS < 10	10 ≤ WS < 20	20 ≤ WS < 30	30 ≤ WS < 40	WS ≥ 40
SO <sub>2</sub>	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
H <sub>2</sub> S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 11	C ≥ 11

## Monthly Update

- \*Air monitoring data has been validated. Data may change after validation process.
- \*All compliance parameters were within the Alberta Ambient Air Quality Objectives and the Saskatchewan Ambient Air Quality Standards.
- \*All compliance parameters were >90% operational.
- \*1 hour flagged as "maintenance" for H<sub>2</sub>S due to a manual span initiated to resolve abnormally high span targets on April 9.
- \*Station was calibrated on April 16 and April 17, 2024.