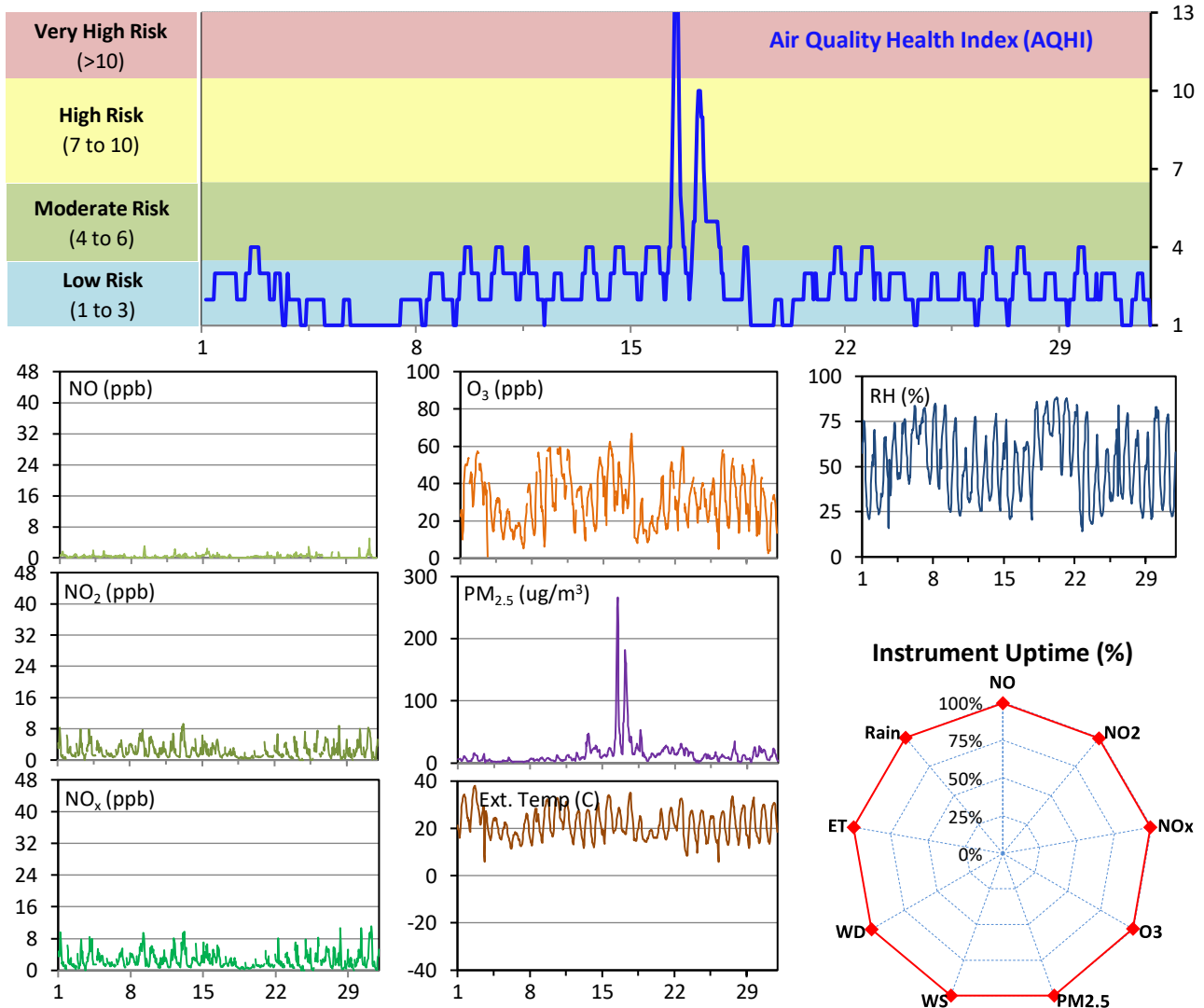


WYAMZ Clavet Station - July 2021 Summary Report

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	0.3	99.3%	0.8	Jul-15	-	-	5.0	Jul-31 06:00	-	-
NO ₂	ppb	2.3	99.3%	3.7	Jul-9	106	0	9.3	Jul-13 04:00	159	0
NO _x	ppb	2.6	99.3%	4.0	Jul-31	-	-	11.1	Jul-31 06:00	-	-
O ₃	ppb	32	99.7%	47	Jul-15	-	-	67	Jul-17 18:00	82	0
PM _{2.5}	ug/m3	15	100.0%	76	Jul-16	28	2	267	Jul-16 11:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

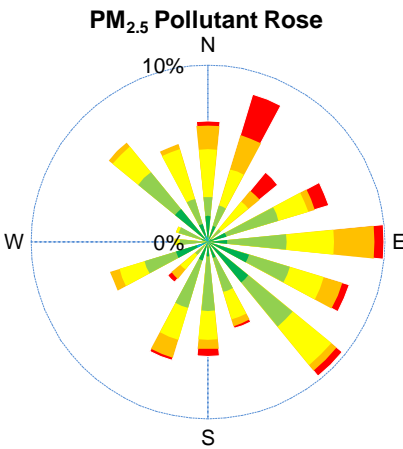
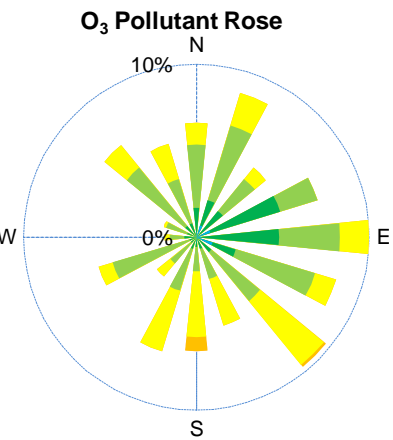
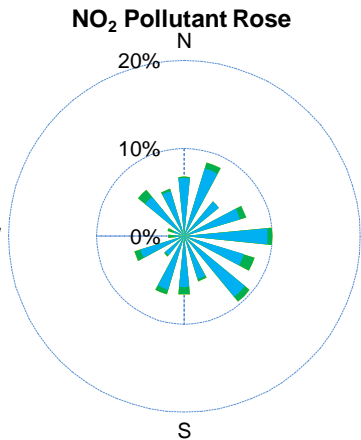
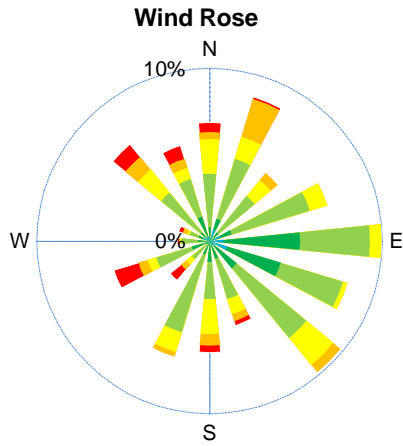
*All data has been slope, intercept, and baseline corrected. Data may change after validation process.

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

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

* Five hours of data flagged as "analyzer failure" for PM_{2.5} due to instrumentation issues.

WYAMZ Clavet Station - July 2021 Summary Report

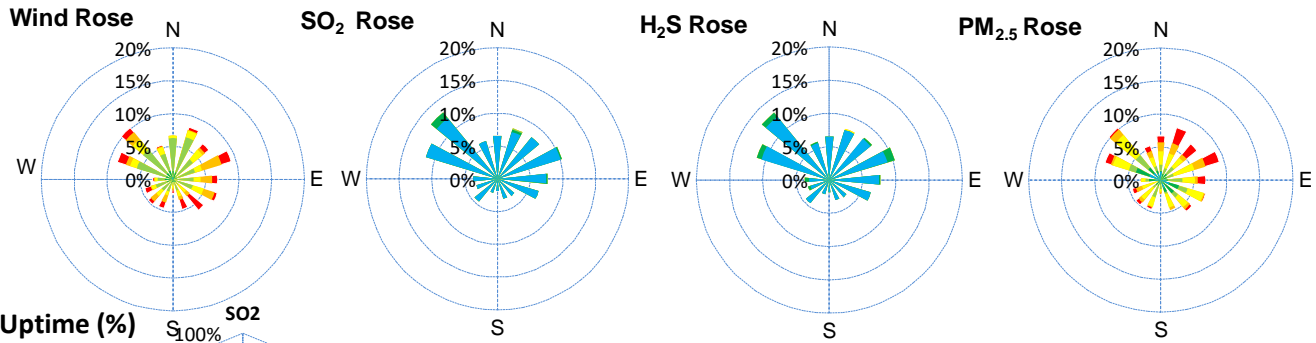
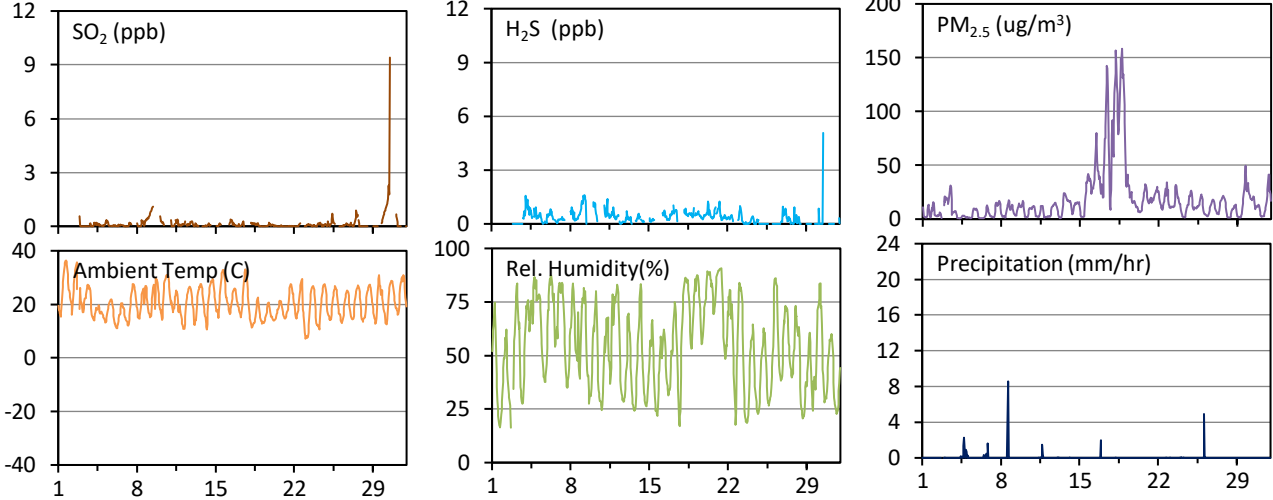


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
O ₃	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 _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

WYAMZ Kerrobert Station - July 2021 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		
SO ₂	ppb	0.1	74.5%	0.1	Jul-12	48	0	9.4	Jul-30 12:00	172	0
H ₂ S	ppb	0.4	74.5%	0.8	Jul-4	3.6	0	5.1	Jul-30 12:00	11	0
PM _{2.5}	ug/m ³	18	99.5%	121	Jul-18	28	3	158	Jul-18 17:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	0.3 ≤ WS < 1.4	1.4 ≤ WS < 3.1	3.1 ≤ WS < 7.8	7.8 ≤ WS < 10.8	10.8 ≤ WS < 13.6	WS ≥ 13.6
SO ₂	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
H ₂ S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 10.8	C ≥ 10.8
PM _{2.5}	ug/m ³	0 ≤ C < 2	2 ≤ C < 4	4 ≤ C < 10	10 ≤ C < 20	20 ≤ C < 30	C ≥ 30

Monthly Update

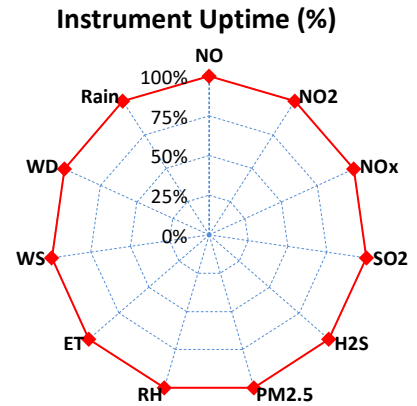
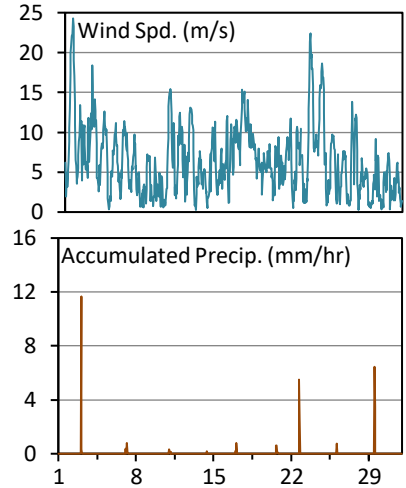
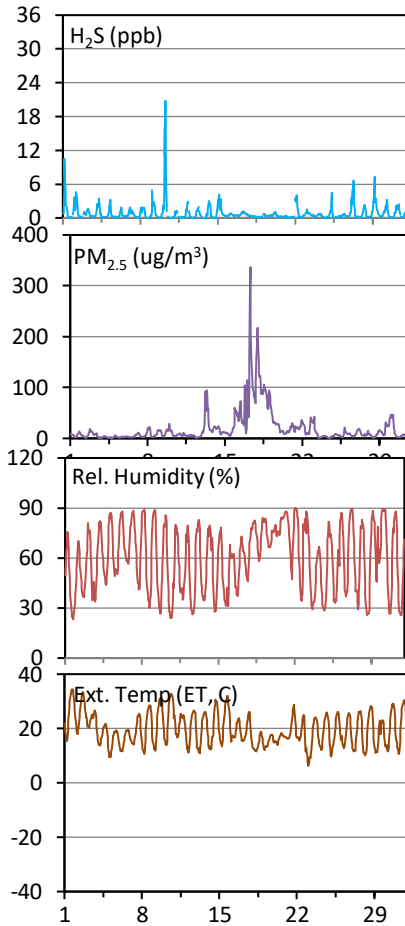
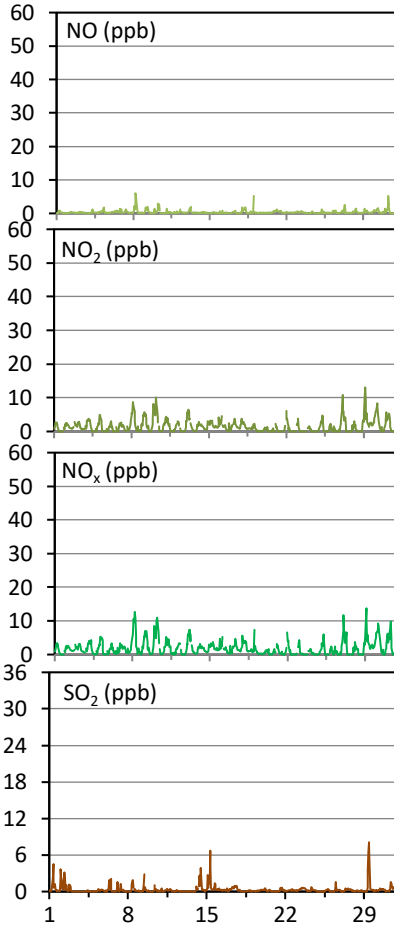
- *All data has been slope, intercept, and baseline corrected. Data may change after validation process.
- *All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.
- *All compliance parameters were greater than 90% operational with the exception of SO₂ and H₂S. High temperatures and high humidity caused the analyzer to malfunction intermittently throughout the month.
- * 180 hours of data flagged as "analyzer failure" for all SO₂ and H₂S.



WYAMZ Maidstone Station - July 2021 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	0.4	100.0%	1.0	Jul-8	-	-	6.0	Jul-08 05:00	-	-
NO ₂	ppb	1.5	100.0%	3.8	Jul-29	106	0	13.1	Jul-29 02:00	159	0
NO _x	ppb	1.9	100.0%	4.2	Jul-29	-	-	13.8	Jul-29 02:00	-	-
SO ₂	ppb	0.3	100.0%	1.4	Jul-29	48	0	8.1	Jul-29 10:00	172	0
H ₂ S	ppb	0.8	100.0%	1.8	Jul-1	3.6	0	20.8	Jul-10 06:00	11	2
PM _{2.5}	ug/m3	20	100.0%	137	Jul-17	28	-	337	Jul-17 07:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



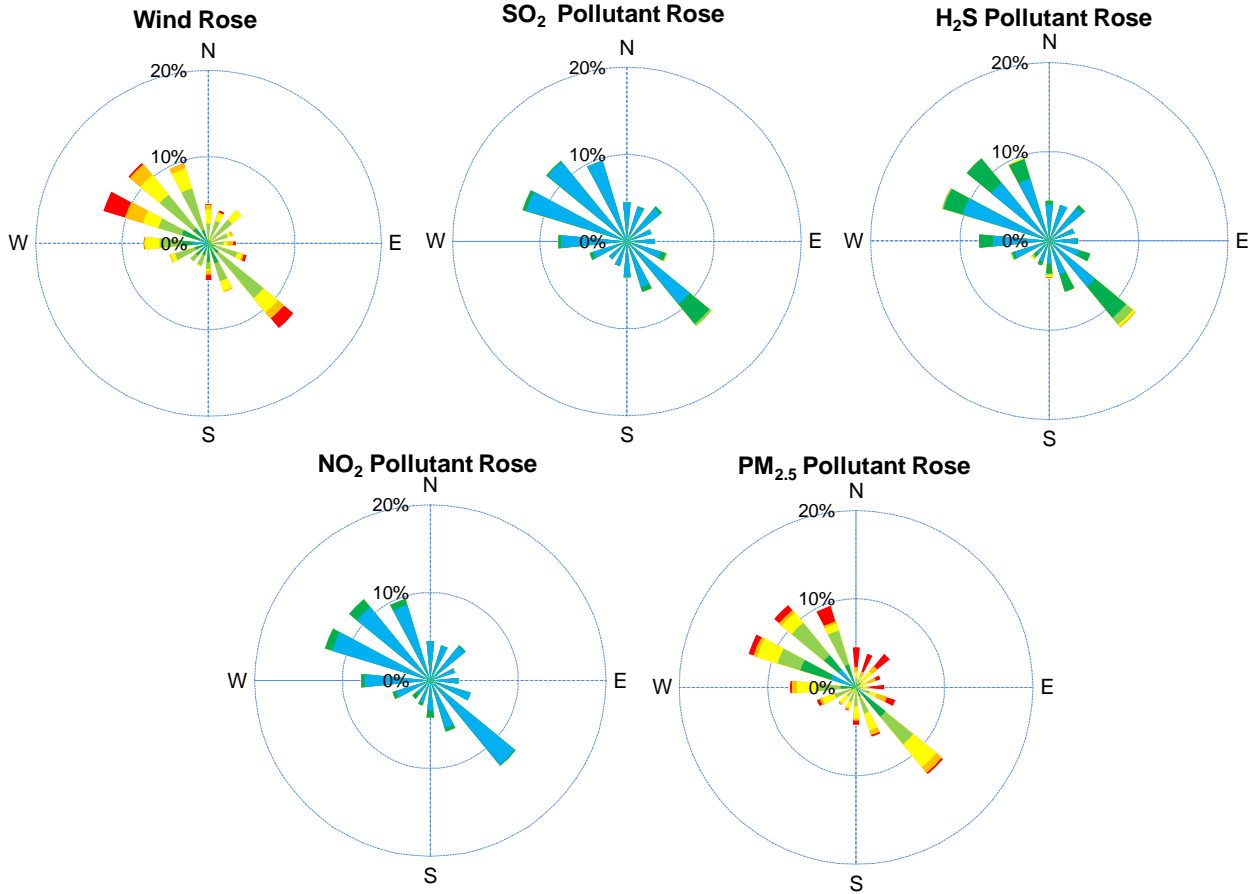
Monthly Update

* 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 with the exception of two 1-hour H₂S exceedances.

*All compliance parameters were greater than 90% operational.

WYAMZ Maidstone Station - July 2021 Summary Report

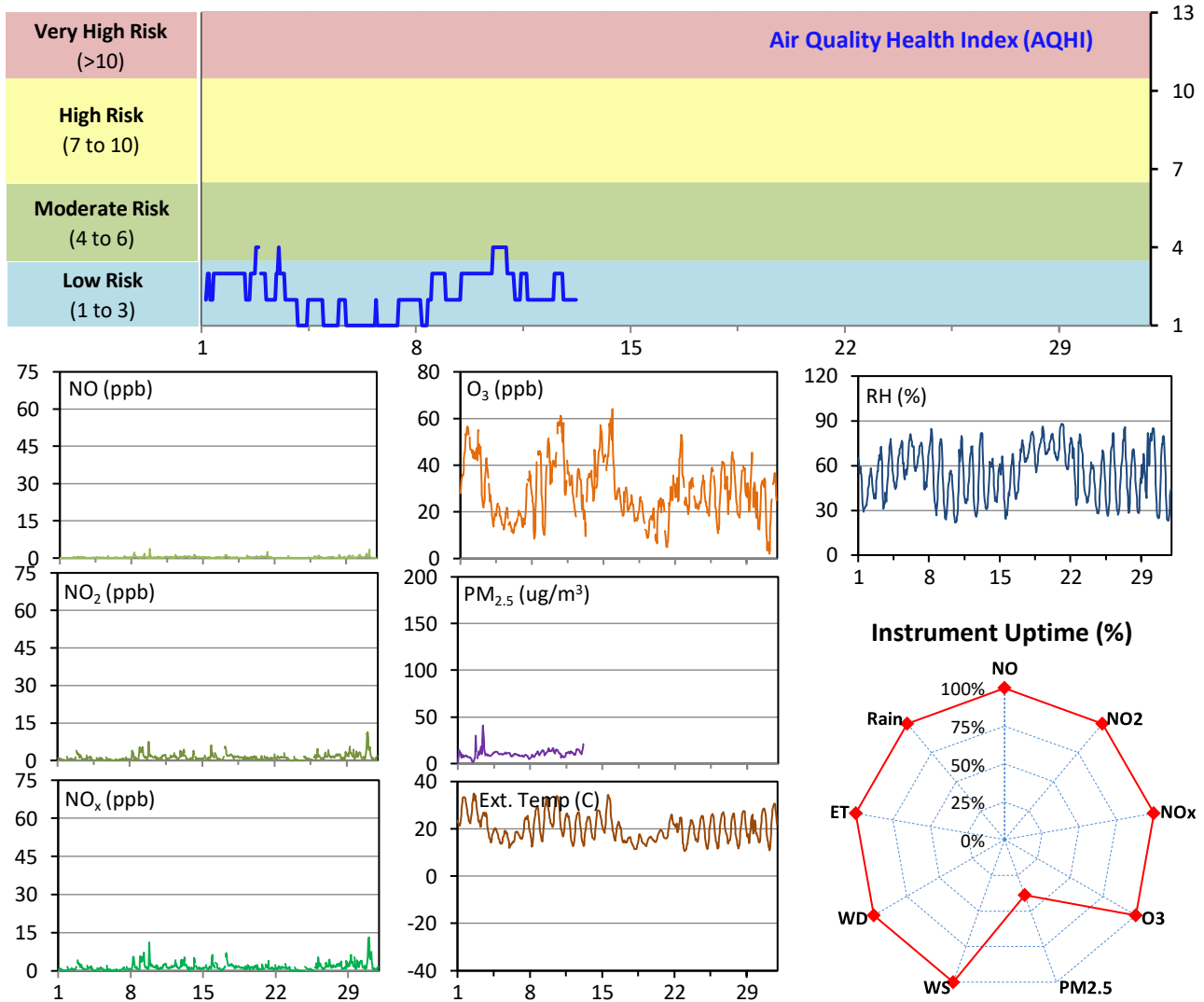


Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
SO ₂	ppb	$0 \leq C < 1$	$1 \leq C < 5$	$5 \leq C < 10$	$10 \leq C < 57$	$57 \leq C < 172$	$C \geq 172$
NO ₂	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 ₂ 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 _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$

WYAMZ Meadow Lake City Station - July 2021 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	0.3	100.0%	0.6	Jul-8	-	-	3.7	Jul-09 19:00	-	-
NO ₂	ppb	1.3	100.0%	2.6	Jul-30	106	0	11.3	Jul-31 00:00	159	0
NO _x	ppb	1.5	100.0%	3.2	Jul-30	-	-	13.2	Jul-31 00:00	-	-
O ₃	ppb	29	100.0%	50	Jul-10	-	-	64	Jul-15 20:00	82	0
PM _{2.5}	ug/m3	11	38.8%	15	Jul-3	28	0	41	Jul-03 10:00	-	-

SAAQS: Saskatchewan Ambient Air Quality Standards



Monthly Update

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

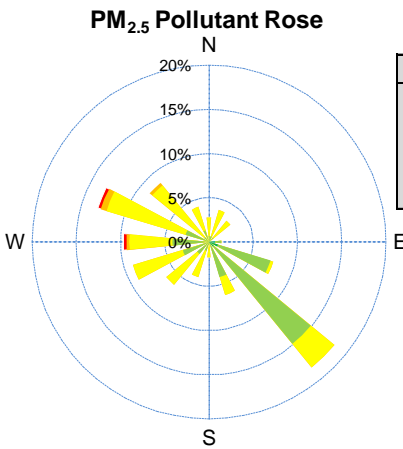
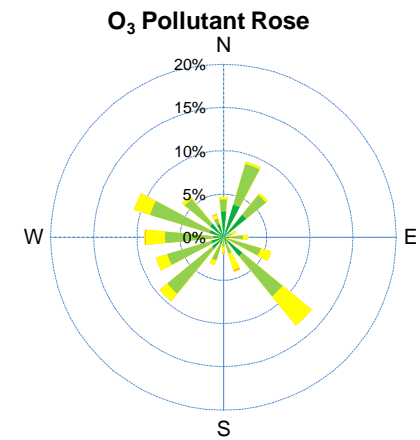
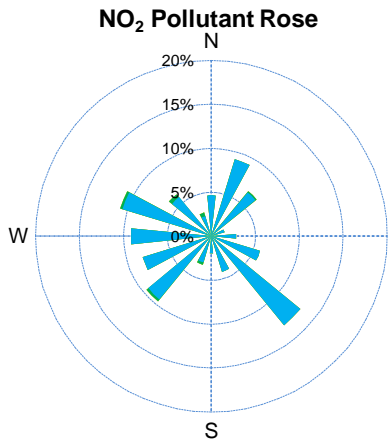
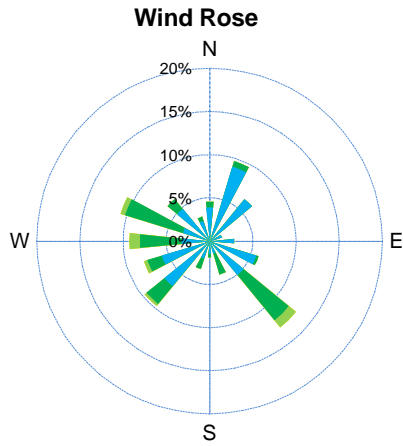
*All compliance parameters were within the Saskatchewan Ambient Air Quality Standards.

*All compliance parameters were greater than 90% operational with the exception of PM_{2.5}.

* 455 hours of data flagged as "analyzer failure" for PM_{2.5}. The analyzer malfunctioned and was removed from service on July 13.



WYAMZ Meadow Lake City Station - July 2021 Summary Report



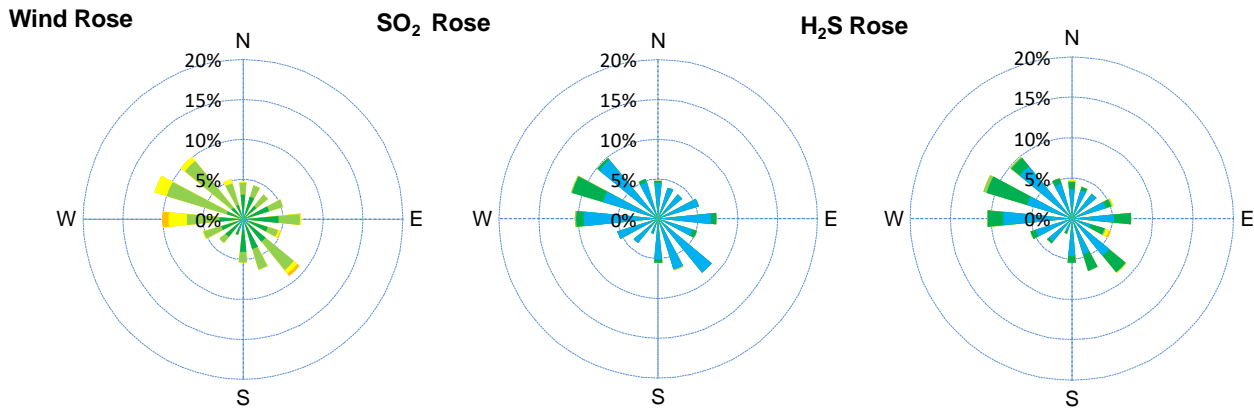
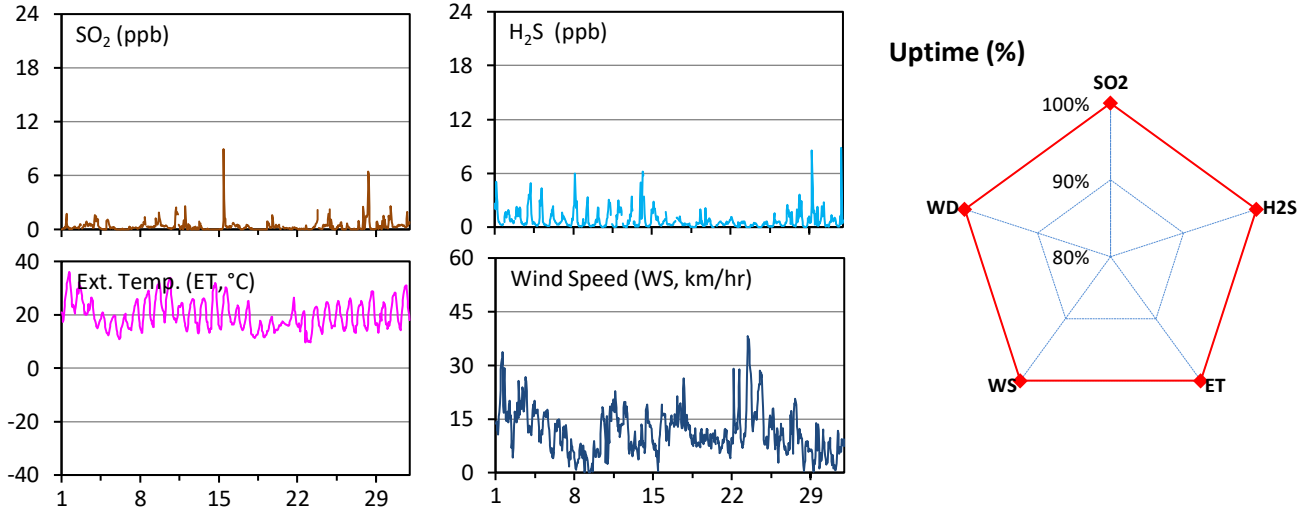
Parameters	Unit	Color Code for Wind Spd & Pollutant Conc. Class					
Wind Speed	m/s	$0.3 \leq WS < 1.4$	$1.4 \leq WS < 3.1$	$3.1 \leq WS < 7.8$	$7.8 \leq WS < 10.8$	$10.8 \leq WS < 13.6$	$WS \geq 13.6$
NO ₂	ppb	$0 \leq C < 5$	$5 \leq C < 15$	$15 \leq C < 30$	$30 \leq C < 100$	$100 \leq C < 212$	$C \geq 212$
O ₃	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 _{2.5}	ug/m ³	$0 \leq C < 2$	$2 \leq C < 4$	$4 \leq C < 10$	$10 \leq C < 20$	$20 \leq C < 30$	$C \geq 30$



Husky Oil Operations Limited West Station - July 2021 Summary Report

Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		AAAQO / SAAQS	Exceed Days	Maximum		AAAQO / SAAQS	Exceed Hours
				Conc.	Time			Conc.	Time		
SO ₂	ppb	0.4	100.0%	1.2	Jul-28	48 / 48	0 / 0	9.0	Jul-15 11:00	172 / 172	0 / 0
H ₂ S	ppb	0.8	100.0%	1.7	Jul-29	3 / 3.6	0 / 0	9.0	Jul-31 21:00	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 ₂	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
H ₂ S	ppb	0 ≤ C < 1	1 ≤ C < 3.6	3.6 ≤ C < 5	5 ≤ C < 8	8 ≤ C < 11	C ≥ 11

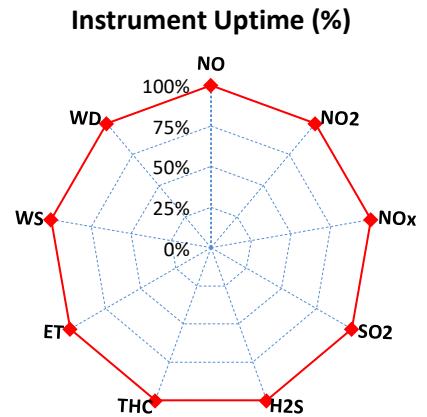
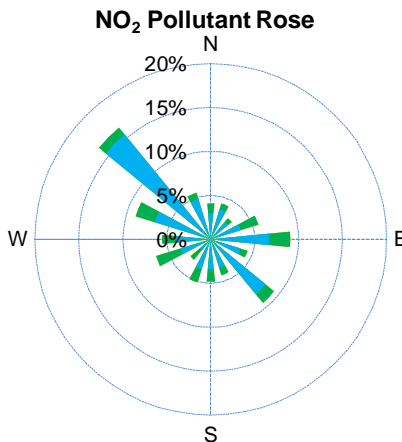
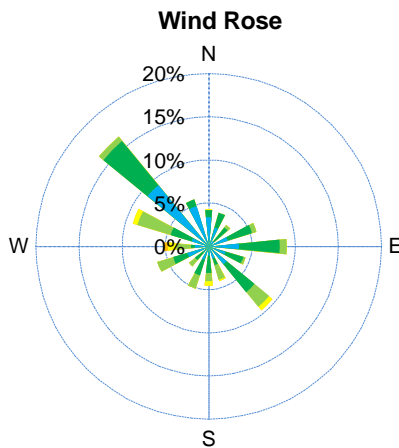
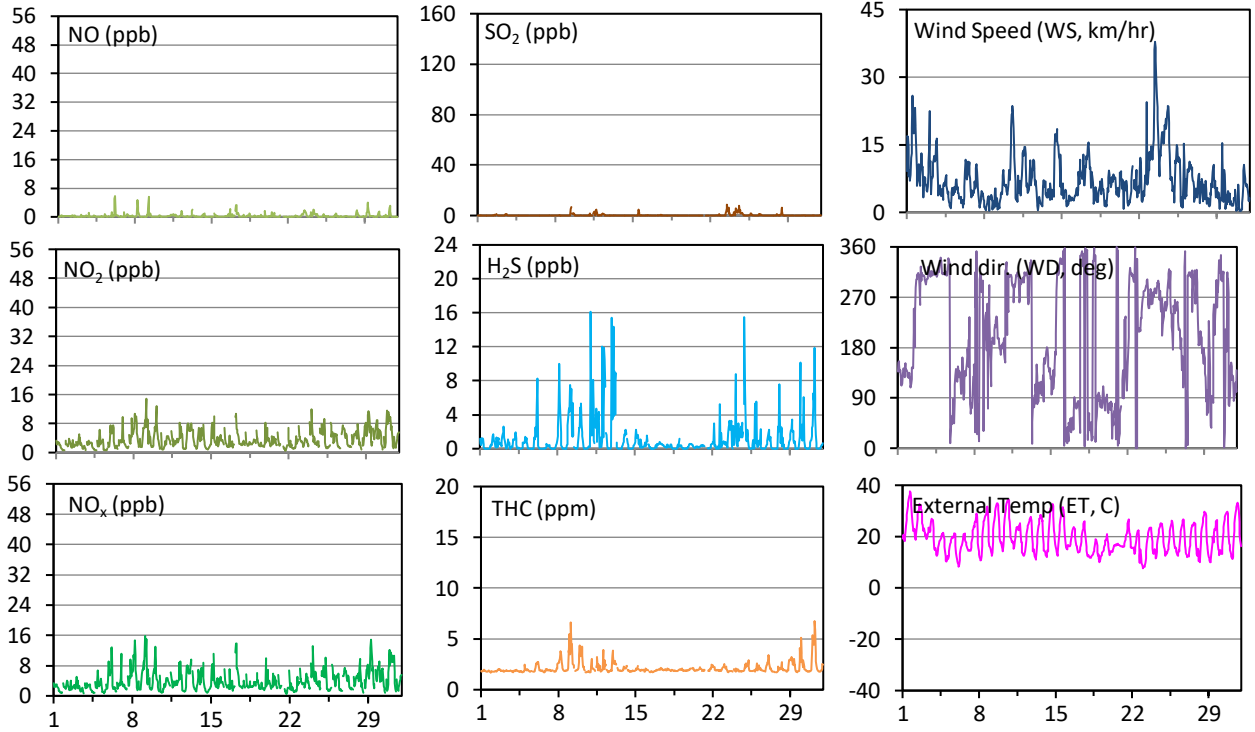
Monthly Update

- *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 100% operational. There are no operational issues to report.

Husky Oil Operations Limited East Station - July 2021 Summary Report

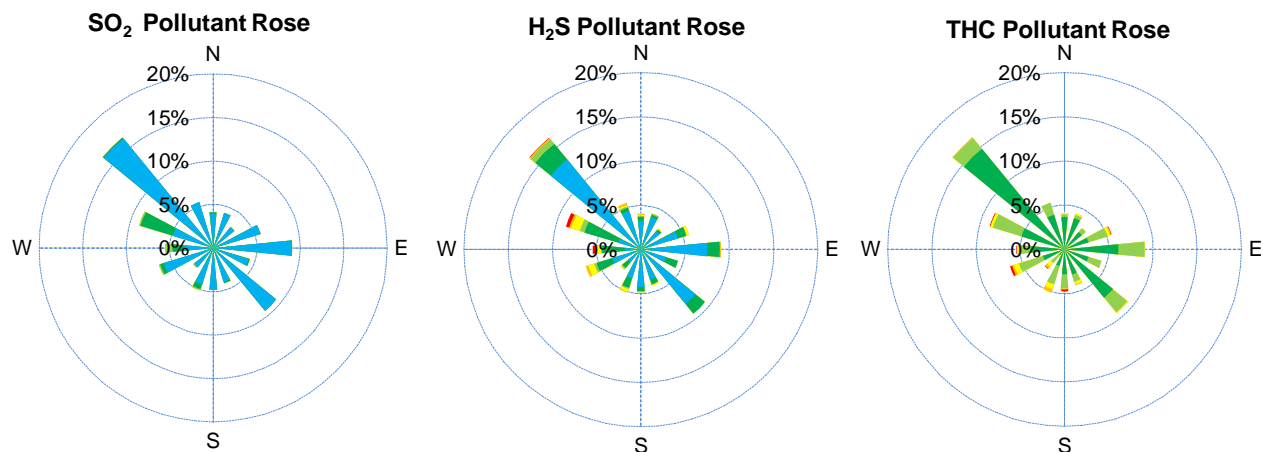
Pollutants		Month Records		24-Hour Records				1-Hour Records			
Name	Conc. Unit	Avg. Conc.	Uptime	Maximum		SAAQS Standards	Exceed Days	Maximum		SAAQS Standards	Exceed Hours
				Conc.	Time			Conc.	Time		
NO	ppb	0.3	100.0%	0.7	Jul-6	-	-	5.8	Jul-06 05:00	-	-
NO ₂	ppb	3.6	100.0%	6.3	Jul-29	106	0	14.8	Jul-09 04:00	159	0
NO _x	ppb	3.9	100.0%	7.0	Jul-29	-	-	15.8	Jul-09 04:00	-	-
SO ₂	ppb	0.3	100.0%	2.5	Jul-24	48	0	8.6	Jul-23 13:00	172	0
H ₂ S	ppb	1.2	100.0%	3.7	Jul-24	3.6	1	16.1	Jul-11 01:00	11.0	7
THC	ppm	2.1	100.0%	3.2	Jul-9	-	-	6.8	Jul-31 06:00	-	-

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 ₂	ppb	0 ≤ C < 1	1 ≤ C < 5	5 ≤ C < 10	10 ≤ C < 57	57 ≤ C < 172	C ≥ 172
NO ₂	ppb	0 ≤ C < 5	5 ≤ C < 15	15 ≤ C < 30	30 ≤ C < 100	100 ≤ C < 212	C ≥ 212
H ₂ 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

Husky Oil Operations Limited East Station - July 2021 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 with the exception of seven 1-hour and one 24-hour H₂S exceedances.

*All compliance parameters were 100% operational.

Exceedance Summary

1-hour Exceedance Information			Summary of Other Parameters During Exceedance							
Pollutant	Conc. ppb	Exceedance Time mmm-dd hh:mm	WS km/hr	WD deg	ET C	SO ₂ ppb	H ₂ S ppb	NO ₂ ppb	THC ppm	
H ₂ S	16.1	Jul-11 01:00	2.6	275	17.8	0.0	16.1	4.6	3.0	
H ₂ S	15.5	Jul-24 22:00	7.1	294	17.9	1.8	15.5	5.1	2.2	
H ₂ S	15.4	Jul-12 22:00	1.5	275	17.0	0.0	15.4	7.6	3.2	
H ₂ S	14.3	Jul-13 02:00	2.1	318	13.8	0.3	14.3	6.2	2.5	
H ₂ S	12.0	Jul-12 02:00	5.1	295	12.8	0.4	37.0	3.1	3.9	
H ₂ S	11.9	Jul-12 06:00	6.0	301	14.4	1.4	11.9	4.0	2.9	
H ₂ S	11.8	Jul-31 06:00	0.7	276	12.0	0.0	11.9	7.9	6.8	
24-hour Exceedance Information			WS	WD	ET	SO ₂	H ₂ S	NO ₂	THC	
H ₂ S	3.7	12-Jul	6.4	296	15.1	0.0	3.7	3.9	2.3	