



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-11

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 14.70	2943 ESE	2693 N	2996 SSW	2997 NNW	Min : 62.06 Max : 84.20	Min : 55.60 Max : 92.50	Min : 0 Max : 30.02

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	5.9	11.0	3.1	5.7	0.000	0.002
2943	9.2	44.5	3.8	23.4	0.009	0.059
2996	7.1	13.5	3.4	6.5	0.000	0.002
2997	6.4	11.2	2.9	5.4	0.016	0.067



Figure 1 : Monitoring Locations

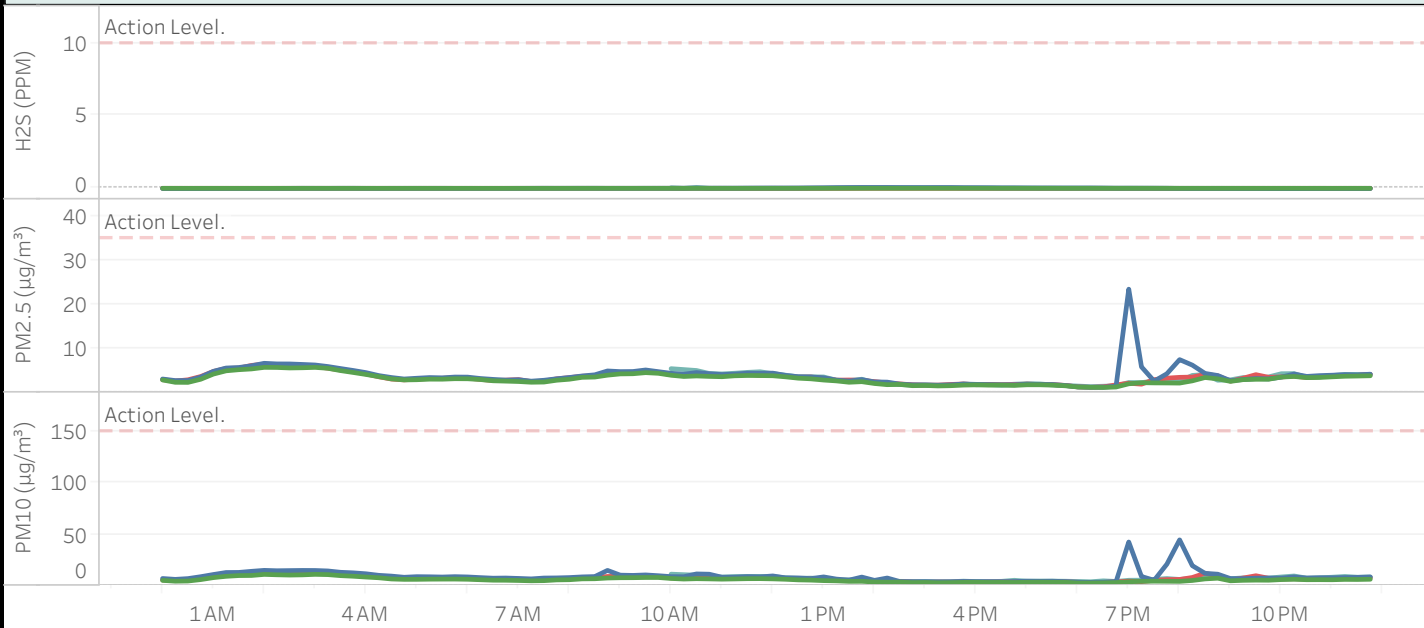


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

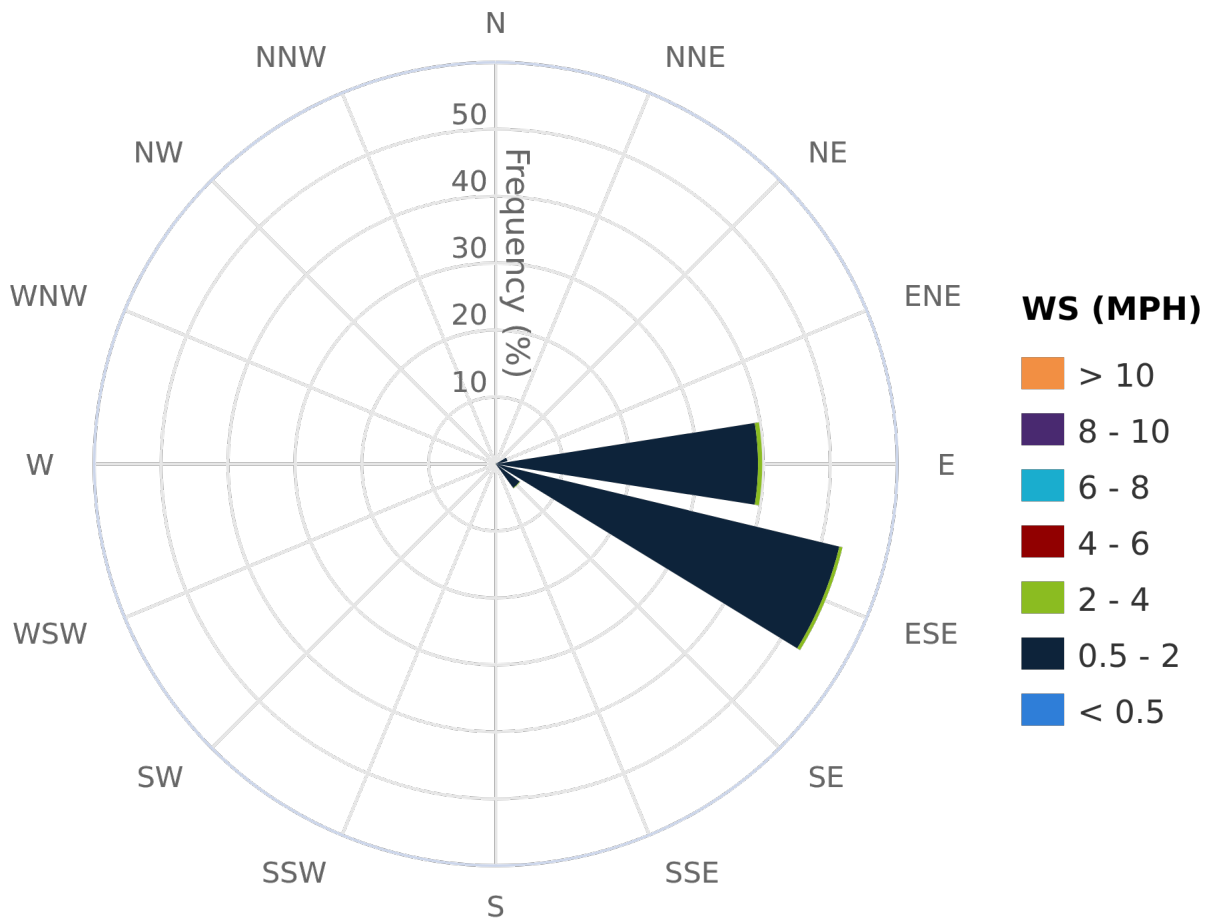


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

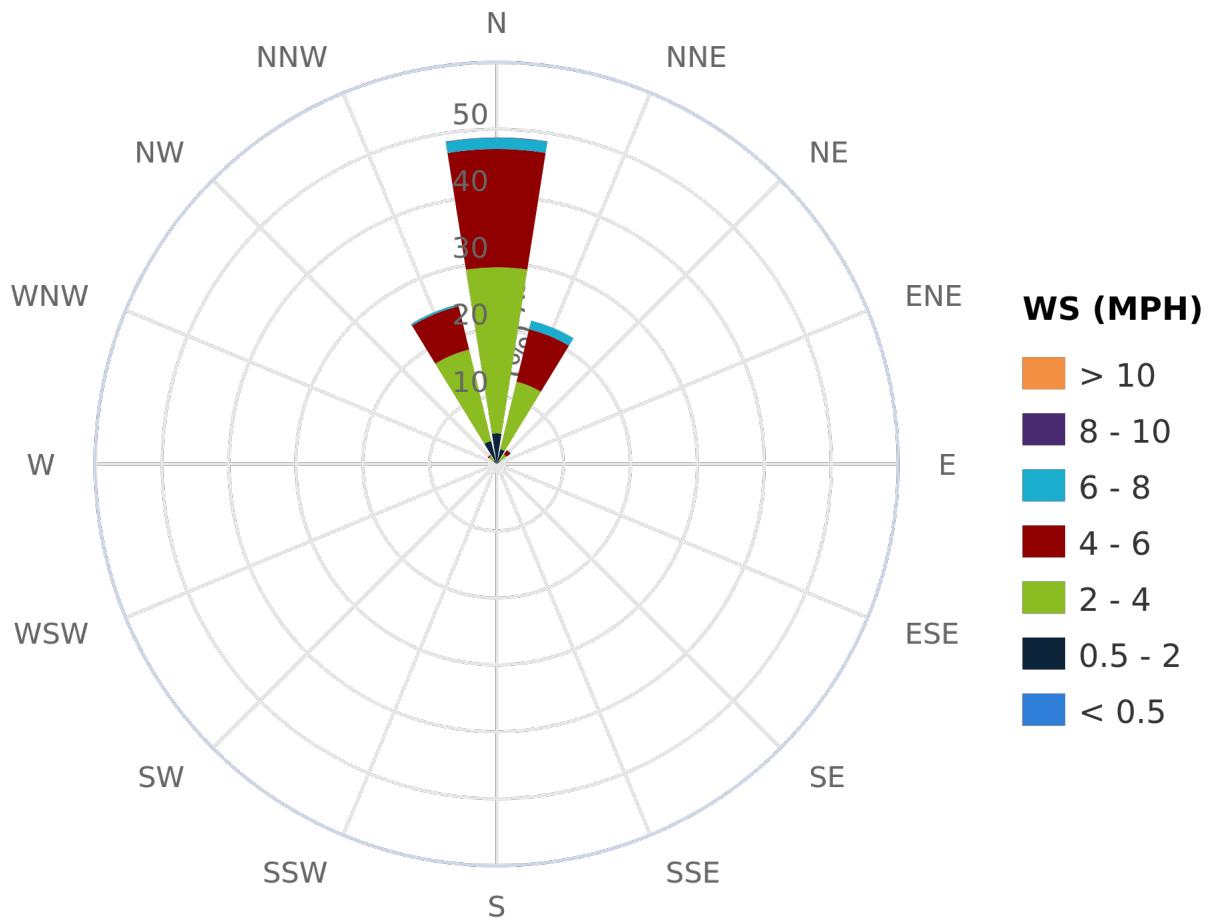


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

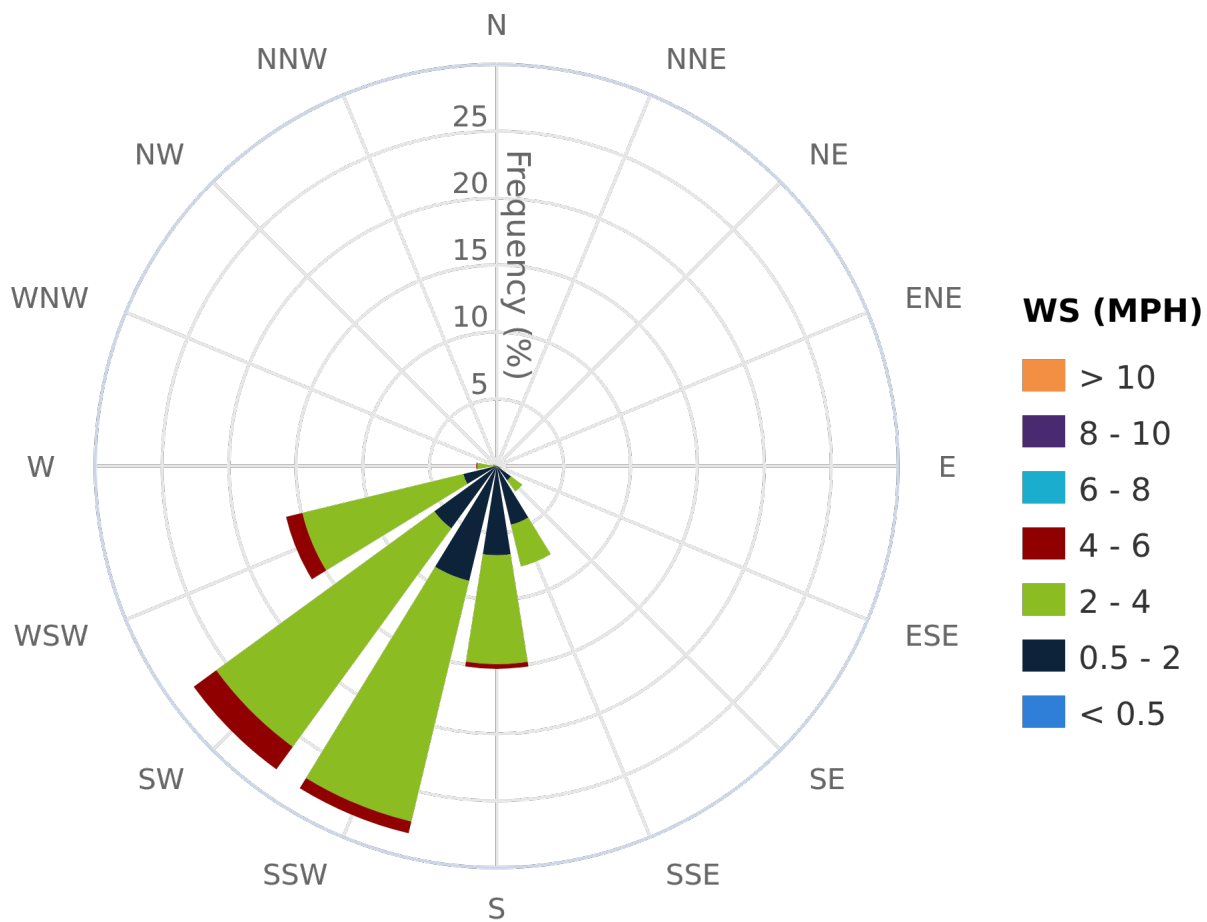


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

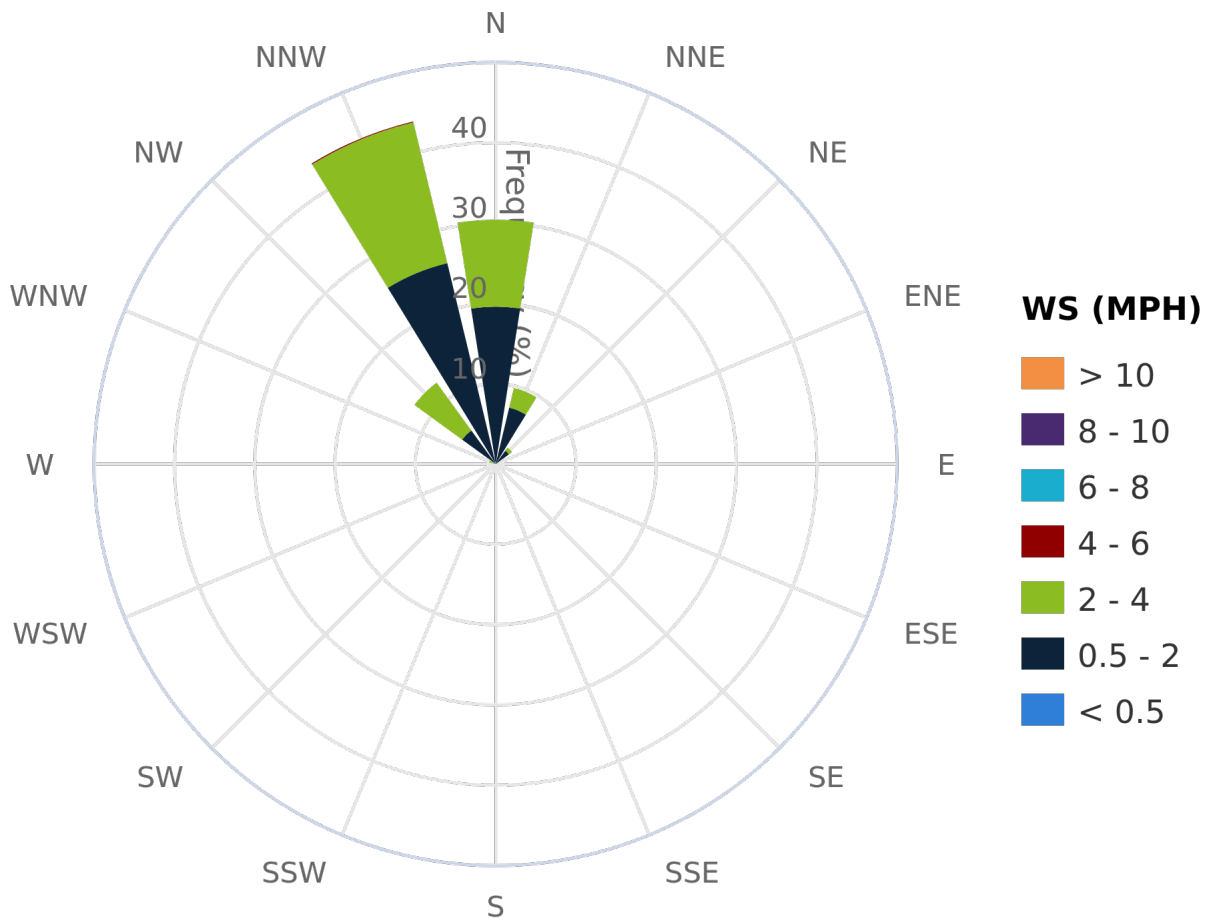


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	7.0	5.2		5.6	3.1	2.9	2.9		-0.015	0.002	0.000	
00:15:00	6.2	4.4		5.2	2.7	2.3	2.6		-0.014	0.001	0.000	
00:30:00	7.0	4.6		6.0	2.7	2.3	2.9		-0.016	0.000	0.000	
00:45:00	8.8	6.0		7.7	3.5	3.0	3.6		-0.015	0.001	0.000	
01:00:00	10.9	7.9		10.2	4.8	4.2	4.8		-0.012	0.001	0.000	
01:15:00	12.8	9.2		11.6	5.6	4.9	5.5		-0.009	0.001	0.000	
01:30:00	12.9	9.9		11.7	5.7	5.2	5.5		-0.008	0.001	0.000	
01:45:00	14.0	10.0		12.5	6.1	5.4	6.2		-0.007	0.001	0.000	
02:00:00	14.9	11.0		13.5	6.6	5.7	6.5		-0.005	0.000	0.000	
02:15:00	14.6	10.6		12.9	6.5	5.7	6.3		-0.002	0.000	0.000	
02:30:00	14.7	10.4		12.8	6.5	5.6	6.1		0.000	0.000	0.000	
02:45:00	14.9	10.6		13.2	6.4	5.6	6.0		0.003	0.000	0.000	
03:00:00	14.8	11.0		12.8	6.2	5.7	5.9		0.002	0.001	0.000	
03:15:00	14.4	10.8		12.2	5.9	5.5	5.5		0.001	0.000	0.000	
03:30:00	13.1	9.8		11.4	5.4	5.0	5.1		0.004	0.000	0.000	
03:45:00	12.5	9.2		10.9	5.0	4.6	4.8		0.004	0.000	0.000	
04:00:00	11.6	8.4		9.7	4.5	4.1	4.2		0.000	0.000	0.000	
04:15:00	10.1	7.7		8.6	3.9	3.6	3.6		-0.001	0.000	0.000	
04:30:00	9.4	6.6		7.5	3.4	3.1	3.1		0.001	0.000	0.000	
04:45:00	8.2	6.2		7.0	3.1	2.9	2.9		0.001	0.000	0.000	
05:00:00	8.8	6.2		7.2	3.3	2.9	3.1		0.001	0.001	0.000	
05:15:00	8.7	6.4		7.4	3.4	3.0	3.2		0.001	0.000	0.000	
05:30:00	8.5	6.4		7.6	3.3	3.0	3.2		0.002	0.000	0.000	
05:45:00	8.8	6.5		7.4	3.5	3.1	3.4		-0.002	0.001	0.000	
06:00:00	8.5	6.3		7.2	3.5	3.1	3.3		-0.001	0.001	0.000	
06:15:00	7.9	5.8		6.4	3.2	3.0	3.0		-0.002	0.000	0.000	
06:30:00	7.4	5.4		6.1	3.0	2.7	2.7		-0.001	0.000	0.000	
06:45:00	7.5	5.3		6.4	2.8	2.6	2.8		-0.001	0.000	0.000	
07:00:00	7.1	5.1		6.4	2.9	2.5	3.0		0.001	0.000	0.000	
07:15:00	6.7	4.8		5.6	2.6	2.4	2.5		0.003	0.000	0.000	
07:30:00	7.5	5.0		5.9	2.8	2.4	2.6		0.006	0.000	0.000	
07:45:00	7.6	5.7		6.8	3.1	2.8	3.1		0.004	0.000	0.000	
08:00:00	7.9	5.9		7.1	3.4	3.0	3.4		0.006	0.000	0.000	
08:15:00	8.6	6.7		7.6	3.8	3.5	3.7		0.006	0.001	0.000	
08:30:00	8.9	6.8		7.9	4.0	3.5	3.8		0.007	0.000	0.000	
08:45:00	14.9	7.5		9.0	4.9	3.9	4.4		0.002	0.001	0.000	
09:00:00	10.3	7.8		9.2	4.8	4.2	4.5		0.003	0.000	0.000	
09:15:00	10.0	7.8		9.4	4.8	4.3	4.6		0.003	0.000	0.000	
09:30:00	10.5	8.0		9.5	5.1	4.5	4.8		0.006	0.000	0.000	
09:45:00	9.7	8.0		8.9	4.7	4.4	4.6		0.006	0.001	0.000	
10:00:00	8.8	7.1	11.2	7.6	4.4	3.9	4.0	5.4	0.007	0.000	0.000	0.040
10:15:00	8.8	6.5		7.8	4.2	3.7	4.0		0.009	0.000	0.000	0.000
10:30:00	11.5	6.8	10.3	8.3	4.5	3.8	4.2	5.0	0.011	0.000	0.000	0.067
10:45:00	11.2	6.7	8.8	7.5	4.3	3.7	3.9	4.3	0.011	0.000	0.000	0.004
11:00:00	8.3	6.4	8.4	7.5	4.1	3.6	3.9	4.2	0.013	0.001	0.000	0.001
11:15:00	8.3	6.6	8.9	7.6	4.2	3.8	4.0	4.4	0.013	0.000	0.000	0.000
11:30:00	8.9	6.9	9.1	7.9	4.4	3.9	4.2	4.6	0.019	0.000	0.000	0.000
11:45:00	8.6	6.9	9.1	7.3	4.4	3.9	3.9	4.7	0.022	0.000	0.000	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	9.5	6.7	8.8	7.8	4.4	3.8	4.1	4.3	0.024	0.000	0.000	0.000
12:15:00	7.7	6.3	7.8	7.0	3.9	3.6	3.7	4.0	0.023	0.000	0.000	0.000
12:30:00	7.6	5.7	7.2	6.6	3.6	3.3	3.5	3.6	0.027	0.000	0.000	0.000
12:45:00	7.0	5.5	7.4	6.5	3.6	3.1	3.5	3.6	0.035	0.000	0.000	0.005
13:00:00	8.6	5.0	6.7	6.0	3.4	2.8	3.2	3.5	0.040	0.000	0.000	0.012
13:15:00	6.5	4.7	5.7	5.4	2.8	2.7	2.8	2.8	0.049	-0.001	0.001	0.021
13:30:00	5.4	4.3	5.7	5.3	2.6	2.3	2.9	2.7	0.054	0.000	0.000	0.032
13:45:00	8.4	4.3	5.9	5.2	2.9	2.5	2.8	3.0	0.059	0.000	0.002	0.042
14:00:00	5.2	3.6	4.8	4.8	2.4	2.1	2.5	2.2	0.057	0.001	0.001	0.045
14:15:00	7.5	3.5	4.2	4.1	2.4	1.8	2.2	2.0	0.058	0.001	0.000	0.048
14:30:00	4.1	3.5	4.3	3.9	1.9	1.9	2.0	1.8	0.051	0.000	0.000	0.047
14:45:00	3.9	3.1	4.2	3.5	1.8	1.6	1.8	1.7	0.049	0.000	0.000	0.048
15:00:00	4.0	3.2	4.1	3.3	1.7	1.6	1.7	1.8	0.047	0.001	0.000	0.050
15:15:00	3.8	2.9	3.9	3.6	1.7	1.5	1.7	1.6	0.051	0.000	0.000	0.046
15:30:00	3.9	3.0	3.9	3.5	1.8	1.6	1.9	1.7	0.051	0.000	0.000	0.044
15:45:00	4.2	3.3	4.5	3.8	1.9	1.7	2.0	2.0	0.041	0.000	0.001	0.037
16:00:00	4.1	3.4	4.1	3.4	1.9	1.8	1.8	1.8	0.040	0.000	0.001	0.033
16:15:00	4.0	3.2	4.1	3.6	1.8	1.7	1.9	1.8	0.036	0.000	0.000	0.033
16:30:00	4.0	3.3	4.3	3.7	1.8	1.7	1.8	1.7	0.029	-0.001	0.000	0.029
16:45:00	4.1	3.2	5.3	3.7	1.8	1.6	1.8	1.9	0.028	0.001	0.000	0.027
17:00:00	4.5	3.4	4.4	4.1	1.9	1.8	1.9	2.0	0.024	0.000	0.000	0.023
17:15:00	4.3	3.5	4.5	3.8	1.9	1.8	1.8	2.0	0.021	0.001	0.000	0.020
17:30:00	4.4	3.4	4.5	3.9	1.8	1.7	1.8	1.7	0.021	0.001	0.000	0.020
17:45:00	4.0	3.4	4.4	3.7	1.6	1.5	1.6	1.6	0.019	-0.001	0.000	0.020
18:00:00	3.4	2.7	4.2	3.4	1.3	1.3	1.3	1.5	0.019	0.000	0.000	0.019
18:15:00	3.3	2.7	3.9	3.1	1.2	1.2	1.2	1.4	0.020	-0.001	0.000	0.018
18:30:00	3.5	2.8	4.8	3.3	1.2	1.2	1.3	1.5	0.015	0.000	0.000	0.014
18:45:00	4.0	3.1	4.2	3.8	1.5	1.3	1.8	1.5	0.007	0.000	0.000	0.012
19:00:00	42.4	3.9	5.3	4.4	23.4	2.0	2.1	2.3	0.008	0.000	0.000	0.012
19:15:00	9.0	4.3	5.4	4.0	5.8	2.2	1.9	2.3	0.006	0.000	0.000	0.013
19:30:00	5.3	4.4	6.2	5.4	2.6	2.2	2.9	2.6	0.006	0.000	0.000	0.009
19:45:00	20.9	4.4	7.0	6.0	4.3	2.2	3.3	2.6	0.003	0.000	0.000	0.008
20:00:00	44.5	4.3	6.1	6.1	7.5	2.2	3.5	2.6	-0.005	0.000	0.000	0.003
20:15:00	19.5	5.1	7.2	8.0	6.2	2.7	3.5	3.9	-0.011	0.000	0.000	0.003
20:30:00	12.1	6.6	10.4	12.2	4.3	3.4	4.1	4.1	-0.011	0.000	0.000	0.002
20:45:00	11.2	7.3	7.8	9.4	3.9	3.1	3.8	2.8	-0.010	0.000	0.000	0.003
21:00:00	7.0	4.8	6.8	5.5	2.7	2.5	2.6	2.9	-0.012	0.000	0.000	0.002
21:15:00	6.9	5.3	7.6	7.5	3.0	2.9	3.3	3.4	-0.013	-0.001	0.000	0.002
21:30:00	7.4	5.5	7.3	9.7	3.2	3.0	4.1	3.2	-0.012	0.000	0.000	0.001
21:45:00	7.5	5.4	7.5	7.3	3.1	3.0	3.5	3.6	-0.014	0.000	0.000	0.000
22:00:00	7.5	6.0	8.5	6.6	3.5	3.5	3.5	4.3	-0.017	0.000	0.000	0.000
22:15:00	8.6	6.2	9.5	6.8	4.2	3.7	3.7	4.3	-0.019	0.000	0.000	0.000
22:30:00	7.5	5.9	7.4	6.5	3.7	3.4	3.4	3.5	-0.014	-0.001	0.000	0.000
22:45:00	7.8	5.9	7.7	6.8	3.8	3.4	3.6	3.5	-0.013	0.000	0.000	0.001
23:00:00	7.8	5.8	8.3	7.0	3.9	3.6	3.8	3.9	-0.011	-0.001	0.000	0.000
23:15:00	8.0	6.2	9.0	7.0	4.1	3.7	3.9	4.1	-0.012	0.000	0.000	0.000
23:30:00	8.1	6.1	8.3	6.9	4.0	3.8	3.9	4.1	-0.013	0.000	0.000	0.000
23:45:00	8.5	6.3	8.6	7.8	4.2	3.8	4.1	4.1	-0.016	0.000	0.000	0.000



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*