



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-10

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.05000 Max : 12.04	2943 ESE	2693 N	2996 SW	2997 NNW	Min : 64.76 Max : 79.52	Min : 69.10 Max : 95.10	Min : 29.87 Max : 30.11

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	14.0	26.3	7.5	12.9	0.000	0.002
2943	19.0	34.3	8.5	14.4	-0.001	0.037
2996	17.7	31.8	8.3	14.1	0.000	0.001
2997	15.2	28.3	7.3	12.3	0.006	0.081



Figure 1 : Monitoring Locations

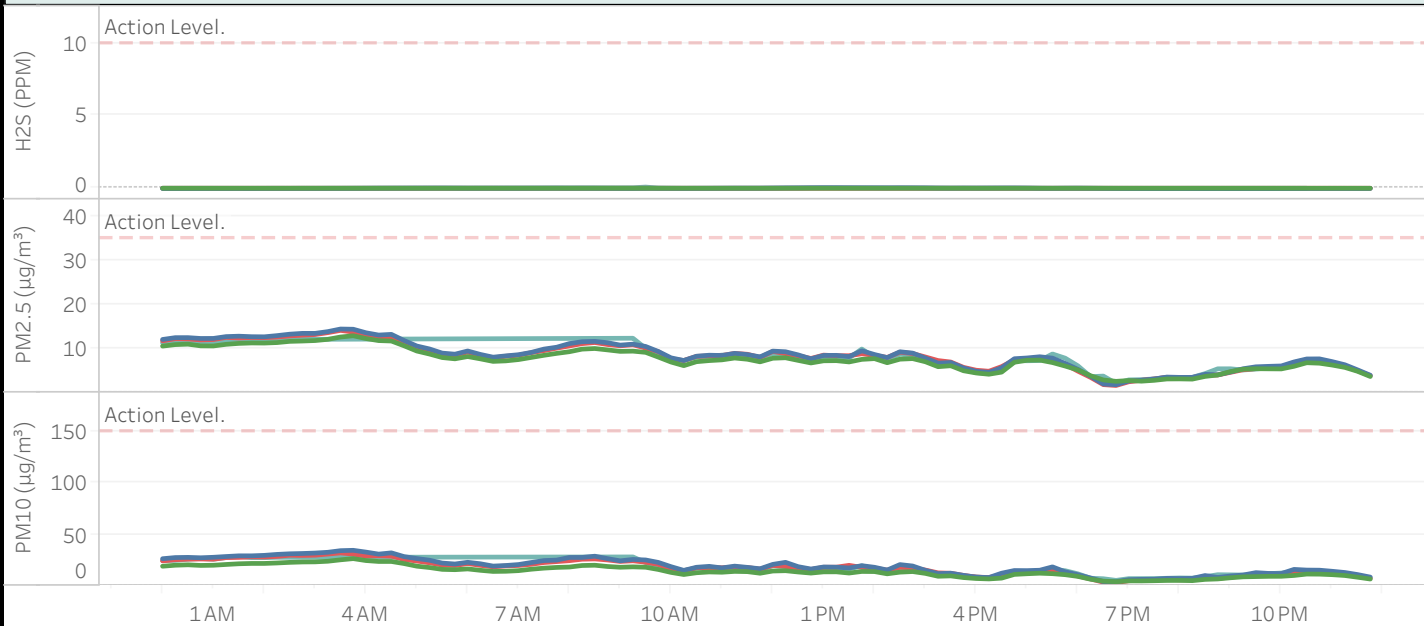


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

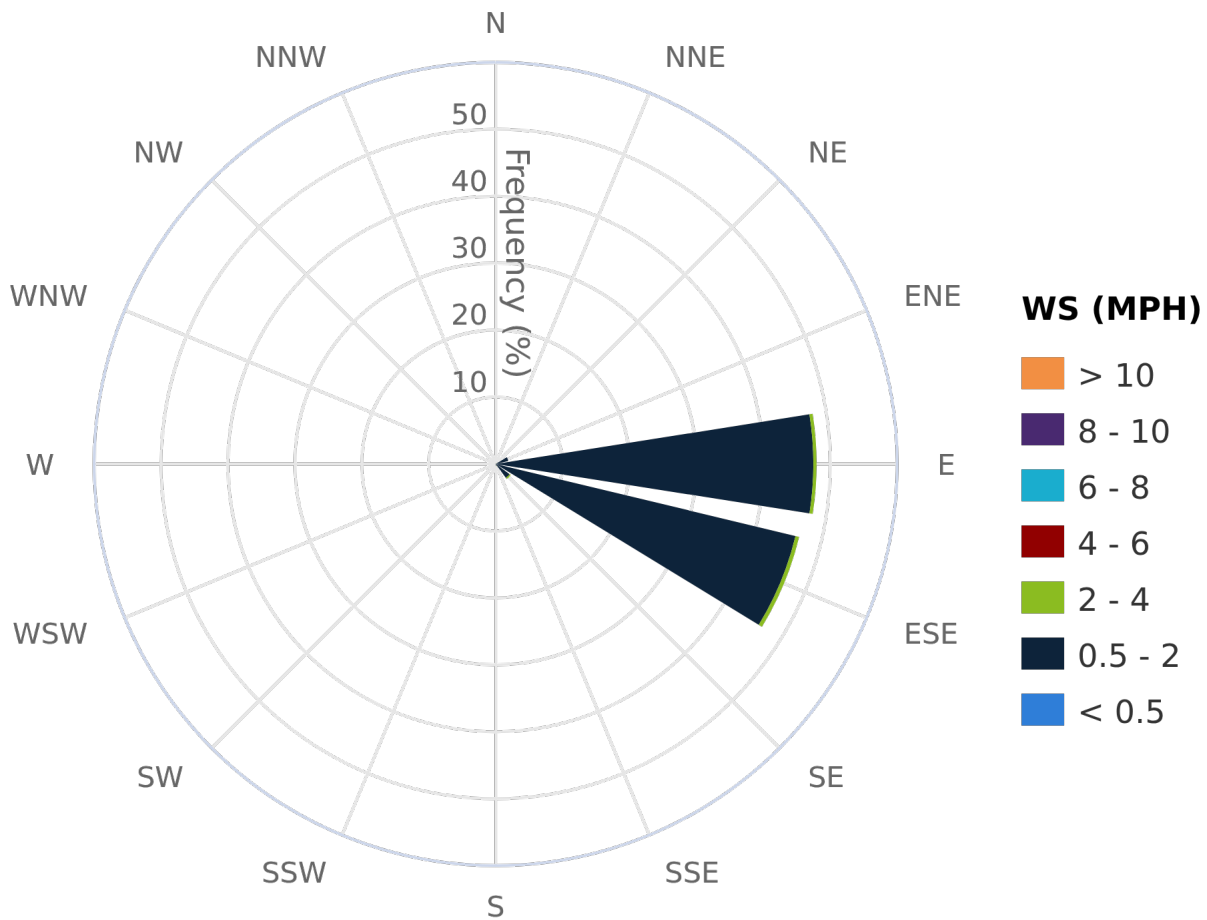


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

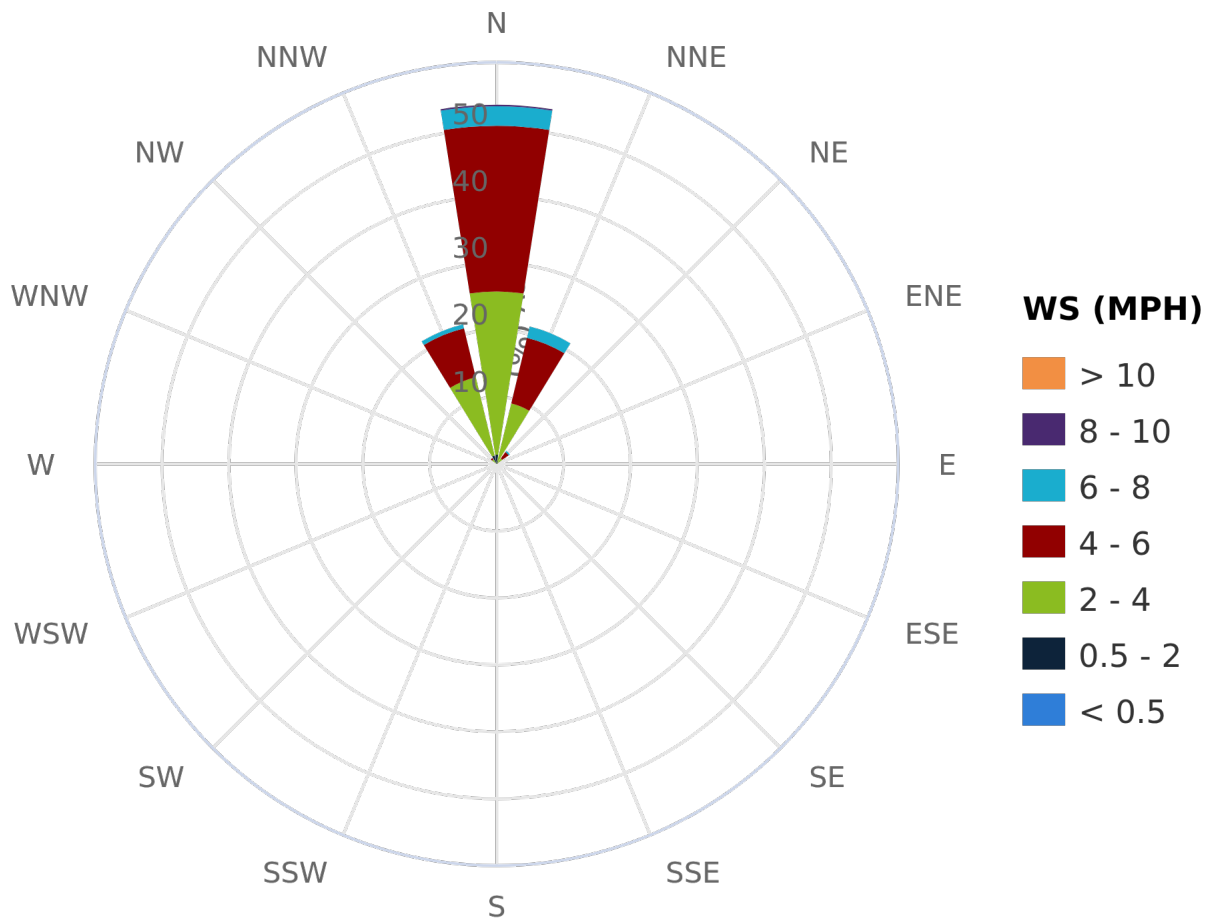


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

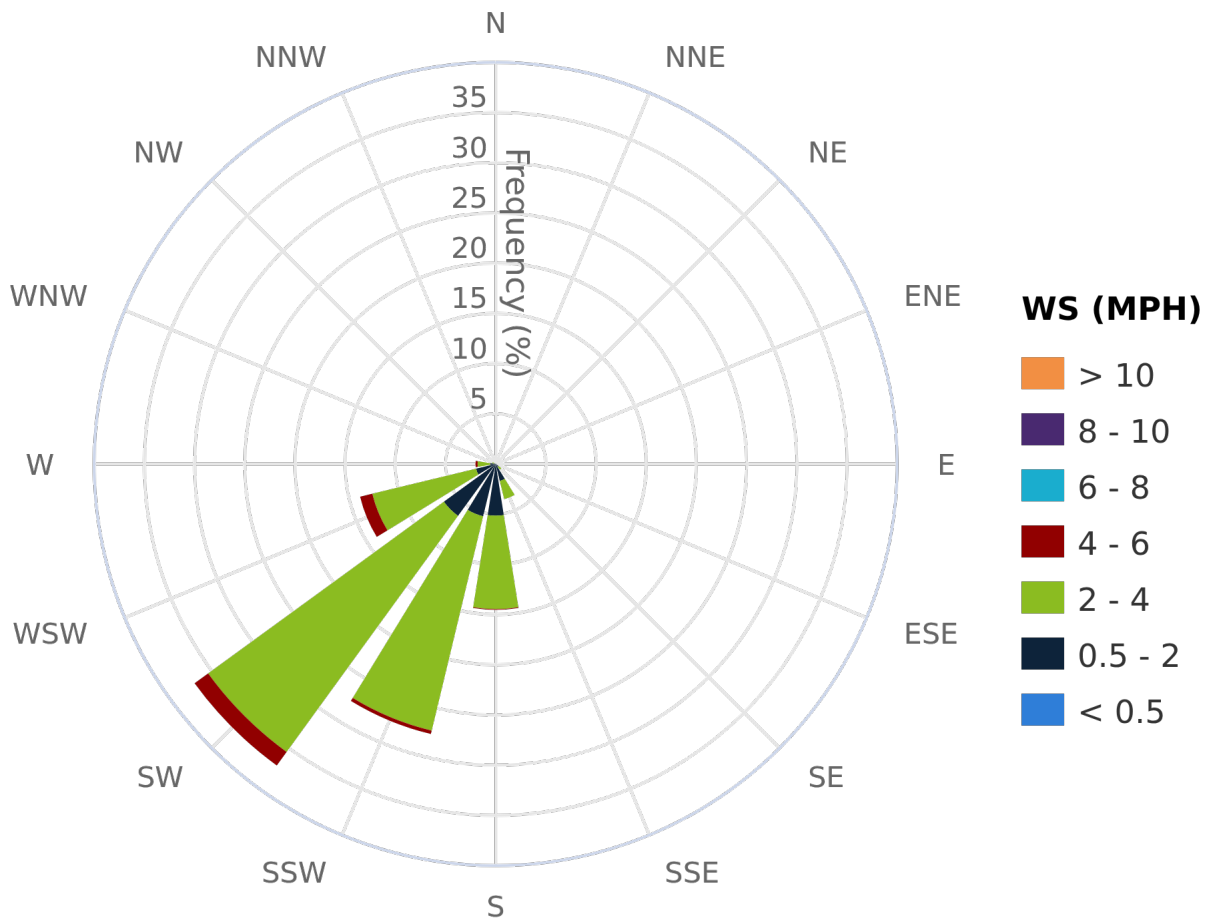


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-10-09

Wind Rose Chart 2997

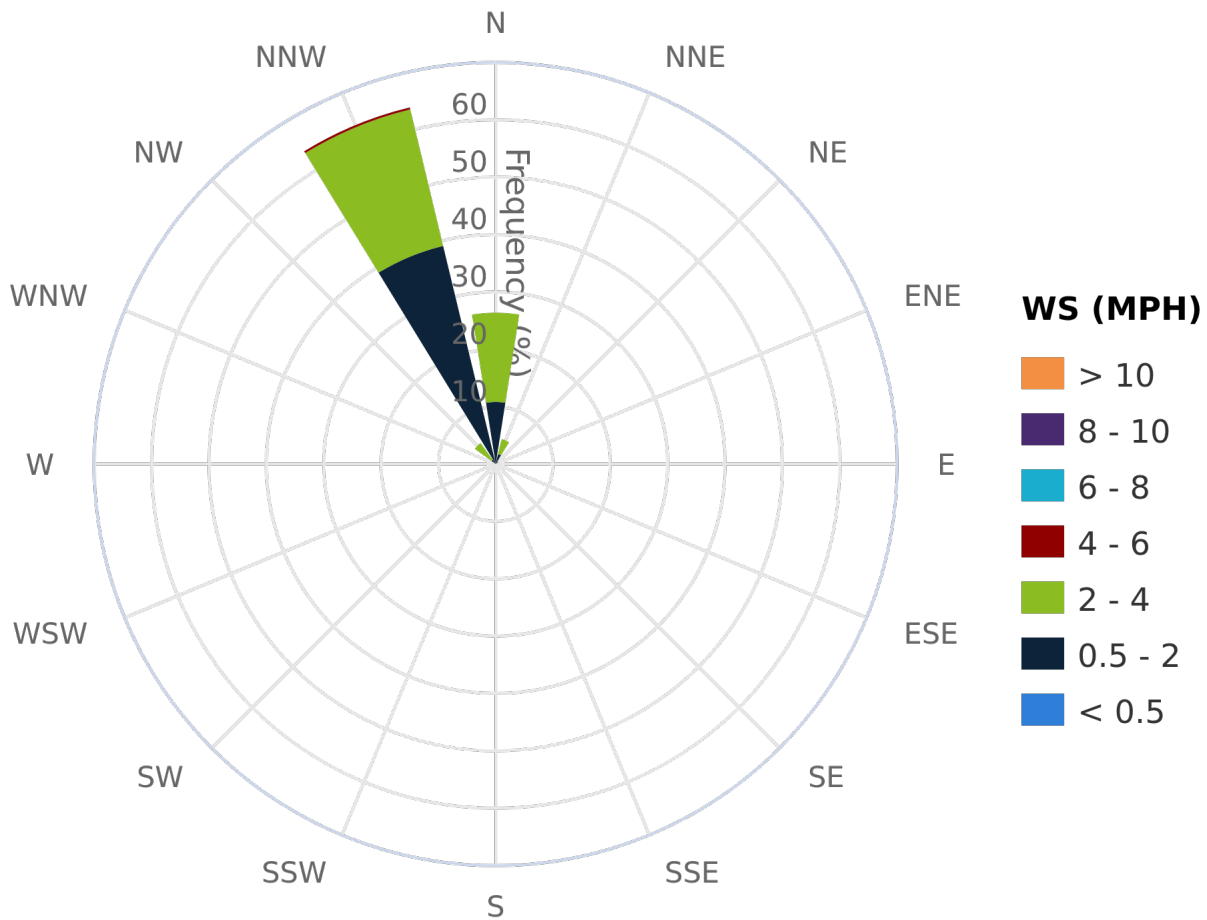


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-10-10

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	26.2	18.9	24.4	24.1	12.0	10.5	11.7	11.3	-0.019	0.000	0.000	0.000
00:15:00	27.3	19.9	24.6	25.2	12.4	10.9	12.2	11.6	-0.018	0.000	0.000	0.000
00:30:00	27.5	20.3	25.7	25.8	12.4	11.0	12.1	11.5	-0.017	0.001	0.000	0.000
00:45:00	27.1	19.7	26.4	25.9	12.2	10.6	11.9	11.4	-0.015	0.001	0.000	0.000
01:00:00	27.6	19.9	25.7	25.8	12.3	10.5	12.0	11.4	-0.012	0.001	0.000	0.000
01:15:00	28.3	20.6	27.3	27.3	12.7	10.9	12.5	11.8	-0.011	0.000	0.000	0.000
01:30:00	29.0	21.3	28.3	27.5	12.8	11.1	12.3	11.8	-0.010	0.000	0.000	0.000
01:45:00	29.0	21.6	27.2	28.1	12.6	11.2	12.5	11.8	-0.012	0.000	0.000	0.000
02:00:00	29.5	21.6	27.2	27.9	12.6	11.2	12.4	11.9	-0.008	0.000	0.000	0.001
02:15:00	30.4	22.1	27.5	28.4	12.9	11.3	12.6	12.0	-0.006	0.000	0.000	0.001
02:30:00	31.0	22.7		29.6	13.2	11.6	12.8		-0.008	0.000	0.000	
02:45:00	31.3	23.0		29.4	13.4	11.7	13.0		-0.006	0.001	0.000	
03:00:00	31.7	23.1		29.6	13.4	11.8	13.1		-0.008	0.000	0.000	
03:15:00	32.4	23.8		30.7	13.8	12.0	13.6		-0.006	0.000	0.000	
03:30:00	34.0	25.1		31.8	14.4	12.6	14.1		-0.006	0.000	0.000	
03:45:00	34.3	26.3		30.7	14.3	12.9	13.7		-0.004	0.000	0.000	
04:00:00	32.6	24.4		28.9	13.5	12.2	12.8		-0.001	0.000	0.000	
04:15:00	30.7	23.5		29.1	13.0	11.8	12.5		0.003	0.000	0.000	
04:30:00	31.9	23.5		28.8	13.2	11.7	12.5		0.004	0.001	0.000	
04:45:00	28.2	21.5		25.5	11.8	10.6	10.9		0.005	0.001	0.000	
05:00:00	26.4	19.0		23.9	10.5	9.4	10.1		0.007	0.000	0.000	
05:15:00	24.8	17.7		22.2	9.9	8.7	9.4		0.008	0.000	0.000	
05:30:00	22.0	15.9		20.0	8.9	7.9	8.7		0.009	0.000	0.000	
05:45:00	21.1	15.6		19.6	8.7	7.6	8.5		0.004	0.000	0.000	
06:00:00	22.7	16.3		21.5	9.4	8.2	9.2		0.000	0.000	0.000	
06:15:00	21.3	15.0		19.8	8.6	7.6	8.4		0.000	0.001	0.000	
06:30:00	19.1	13.9		18.3	8.0	7.1	7.8		0.000	0.001	0.000	
06:45:00	19.6	14.0		19.2	8.3	7.2	8.2		-0.001	0.000	0.000	
07:00:00	20.6	14.7		19.7	8.6	7.5	8.5		-0.002	0.000	0.000	
07:15:00	22.5	16.0		20.8	9.1	8.0	9.0		0.000	0.000	0.000	
07:30:00	24.4	17.1		22.5	9.8	8.4	9.5		0.001	0.000	0.000	
07:45:00	24.9	17.8		23.4	10.3	8.9	10.1		0.003	0.001	0.000	
08:00:00	27.4	18.1		24.3	11.1	9.2	10.5		-0.001	0.001	0.000	
08:15:00	27.4	19.6		25.7	11.5	9.8	11.1		0.000	0.001	0.000	
08:30:00	28.6	19.9		26.0	11.6	10.0	11.3		-0.003	0.001	0.000	
08:45:00	26.3	18.7		25.0	11.3	9.7	10.9		-0.007	0.001	0.000	
09:00:00	24.1	17.9		23.6	10.7	9.3	10.6		-0.009	0.001	0.000	
09:15:00	25.5	18.3	27.9	24.2	11.0	9.4	10.8	12.3	-0.010	0.000	0.000	0.036
09:30:00	25.0	17.9	22.4	22.8	10.4	9.1	10.1	10.0	-0.005	0.000	0.000	0.081
09:45:00	22.6	15.8	18.4	20.7	9.3	8.0	9.2	8.2	-0.002	0.001	0.000	0.014
10:00:00	18.5	12.9	16.1	16.0	7.9	6.9	7.6	7.5	0.000	0.001	0.000	0.001
10:15:00	14.9	10.9	14.8	14.4	7.3	6.1	7.3	7.3	-0.004	0.001	0.000	0.001
10:30:00	17.9	12.6	17.0	17.4	8.2	7.0	8.2	8.0	0.000	0.001	0.000	0.000
10:45:00	18.8	13.4	17.7	17.6	8.5	7.2	8.3	8.2	0.001	0.000	0.000	0.000
11:00:00	17.3	13.1	16.9	17.5	8.4	7.4	8.4	8.5	0.005	0.001	0.000	0.000
11:15:00	19.0	13.9	17.6	18.1	8.9	7.8	8.9	8.4	0.009	0.001	0.000	0.000
11:30:00	17.8	13.7	16.3	17.7	8.6	7.5	8.7	8.1	0.009	0.001	0.000	0.000
11:45:00	16.5	12.1	15.1	16.1	8.1	7.0	7.9	7.6	0.010	0.001	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	20.7	14.3	19.4	19.7	9.4	7.8	9.3	8.9	0.017	0.001	0.000	0.002
12:15:00	22.7	14.6	18.4	18.8	9.2	7.9	8.8	8.6	0.024	0.001	0.000	0.008
12:30:00	18.5	13.3	16.5	17.3	8.5	7.3	8.3	7.8	0.027	0.001	0.000	0.012
12:45:00	16.2	12.3	15.5	15.8	7.6	6.7	7.7	7.3	0.033	0.001	0.001	0.018
13:00:00	18.2	13.5	17.3	17.9	8.4	7.2	8.5	8.0	0.037	0.000	0.000	0.021
13:15:00	18.0	13.5	16.8	18.0	8.4	7.2	8.3	7.9	0.036	0.000	0.000	0.020
13:30:00	17.2	12.3	16.3	19.8	8.1	6.9	8.3	7.8	0.032	0.000	0.000	0.020
13:45:00	19.5	13.9	19.3	17.8	9.5	7.5	8.8	9.9	0.030	0.001	0.000	0.020
14:00:00	17.9	13.7	16.3	17.1	8.6	7.7	8.4	8.0	0.028	0.001	0.000	0.019
14:15:00	15.2	11.6	14.5	15.1	7.9	6.8	8.0	7.4	0.026	0.000	0.000	0.019
14:30:00	20.5	13.2	17.2	17.9	9.2	7.6	9.1	8.7	0.029	0.000	0.000	0.018
14:45:00	19.1	13.8	16.5	17.3	8.9	7.7	8.8	8.3	0.026	0.001	0.000	0.018
15:00:00	15.0	12.0	14.1	15.2	7.8	7.0	8.1	7.2	0.022	0.000	0.000	0.016
15:15:00	11.8	9.2	10.9	12.5	6.7	5.9	7.2	6.3	0.012	0.001	0.000	0.012
15:30:00	12.2	9.6	11.4	12.1	6.8	6.1	6.9	6.5	0.007	0.002	0.000	0.010
15:45:00	10.1	7.9	9.5	10.0	5.6	5.0	5.7	5.4	0.012	0.001	0.000	0.010
16:00:00	8.4	7.0	8.6	8.4	4.8	4.4	5.1	4.5	0.011	0.000	0.000	0.007
16:15:00	8.0	6.6	7.6	8.0	4.6	4.2	4.8	4.3	0.014	0.000	0.000	0.007
16:30:00	12.2	7.4	10.0	10.4	5.6	4.6	5.9	5.4	0.017	0.000	0.000	0.007
16:45:00	14.8	11.0	12.8	13.3	7.7	6.9	7.4	7.3	0.018	0.001	0.000	0.008
17:00:00	14.7	11.6	12.9	13.7	7.8	7.3	7.7	7.2	0.012	0.001	0.000	0.006
17:15:00	15.1	12.2	13.6	14.1	8.1	7.4	7.8	7.3	0.002	0.000	0.000	0.002
17:30:00	18.3	11.7	15.7	14.2	7.8	6.8	7.4	8.7	-0.002	0.000	0.000	0.002
17:45:00	13.5	10.7	14.6	12.7	6.6	6.0	6.4	7.8	0.003	0.001	0.000	0.004
18:00:00	10.7	9.1	11.6	9.4	5.3	5.1	4.9	6.1	0.003	0.000	0.000	0.008
18:15:00	7.5	6.3	7.3	6.6	3.7	3.8	3.4	3.6	-0.001	0.000	0.000	0.005
18:30:00	4.1	4.5	6.8	3.5	2.0	2.9	1.8	3.7	-0.008	0.000	0.000	0.005
18:45:00	4.0	4.0	5.2	3.1	1.8	2.6	1.6	2.1	-0.014	0.000	0.000	0.001
19:00:00	5.9	4.7	6.9	4.8	2.6	2.7	2.5	2.9	-0.017	0.000	0.000	0.000
19:15:00	6.2	4.7	6.9	5.6	2.8	2.6	2.8	2.9	-0.019	0.000	0.000	0.000
19:30:00	6.3	4.9	7.0	5.7	3.1	2.8	3.1	3.1	-0.021	0.000	0.000	0.000
19:45:00	7.2	5.1	7.3	6.3	3.5	3.1	3.5	3.4	-0.022	0.000	0.000	0.000
20:00:00	7.0	5.2	7.6	5.7	3.5	3.1	3.3	3.4	-0.021	0.000	0.000	0.000
20:15:00	7.2	5.0	7.4	5.9	3.5	3.1	3.4	3.5	-0.021	0.001	0.000	0.000
20:30:00	9.9	6.2	8.8	7.1	4.1	3.7	3.9	4.3	-0.024	0.001	0.000	0.000
20:45:00	8.1	6.6	10.7	7.1	4.0	4.0	4.0	5.4	-0.022	0.000	0.000	0.000
21:00:00	9.4	7.7	10.6	8.4	4.7	4.8	4.6	5.4	-0.025	0.000	0.000	0.000
21:15:00	10.4	8.7	10.4	9.4	5.4	5.3	5.2	5.1	-0.023	0.001	0.000	0.000
21:30:00	12.7	8.9	10.8	10.2	5.8	5.4	5.4	5.3	-0.023	0.000	0.000	0.000
21:45:00	12.0	9.1	11.8	10.9	5.9	5.4	5.8	5.6	-0.022	0.001	0.000	0.000
22:00:00	11.8	9.2	12.3	11.1	6.0	5.4	5.8	5.8	-0.021	0.000	0.000	0.000
22:15:00	15.8	10.0	13.6	12.6	6.9	6.0	6.8	6.6	-0.019	0.000	0.000	0.000
22:30:00	15.2	11.3	14.9	14.4	7.6	6.8	7.4	6.8	-0.017	0.000	0.000	0.000
22:45:00	15.1	11.3		14.1	7.6	6.7	7.4		-0.017	0.000	0.000	
23:00:00	14.0	10.7		12.7	7.0	6.2	6.7		-0.016	0.001	0.000	
23:15:00	12.8	9.9		11.3	6.3	5.7	6.0		-0.015	0.001	0.000	
23:30:00	10.8	8.3		9.2	5.1	4.8	4.9		-0.017	0.000	0.000	
23:45:00	8.4	6.5		7.3	3.9	3.6	3.9		-0.015	0.000	0.000	



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