



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-12

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 39.44	2943 ENE	3277 SSW	2996 SSW	2997 WNW	Min : 33.80 Max : 82.94	Min : 25.70 Max : 86.50	Min : 30.01 Max : 30.28

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)
2943	9.6	23.2	6.6	15.2	-0.069	0.011
2996	10.8	49.7	7.3	16.0	0.003	0.019
2997	9.2	22.7	6.4	19.0	0.002	0.026
3277	12.1	33.1	9.9	28.3	0.001	0.016

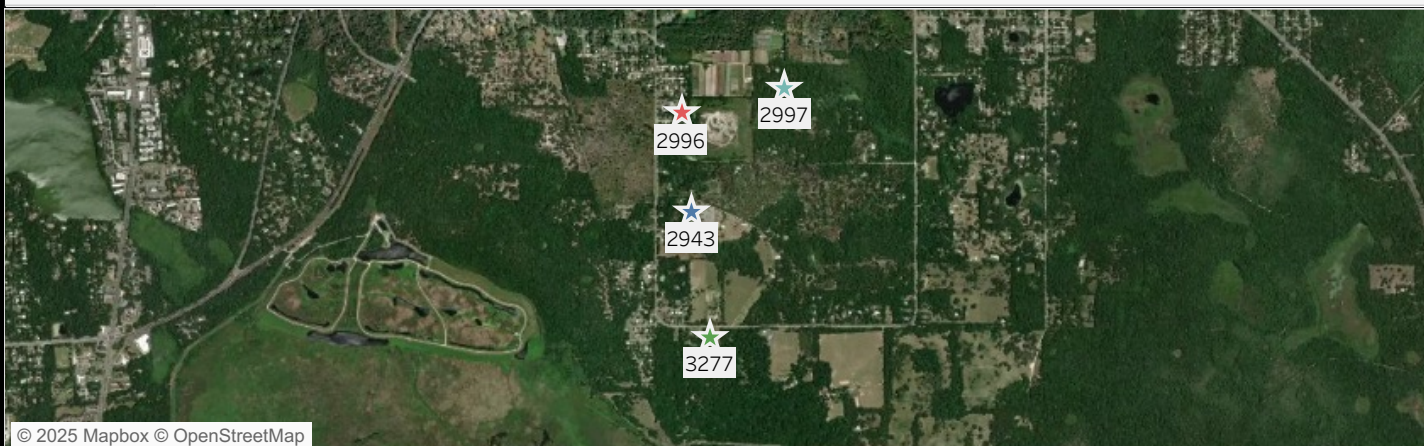


Figure 1 : Monitoring Locations

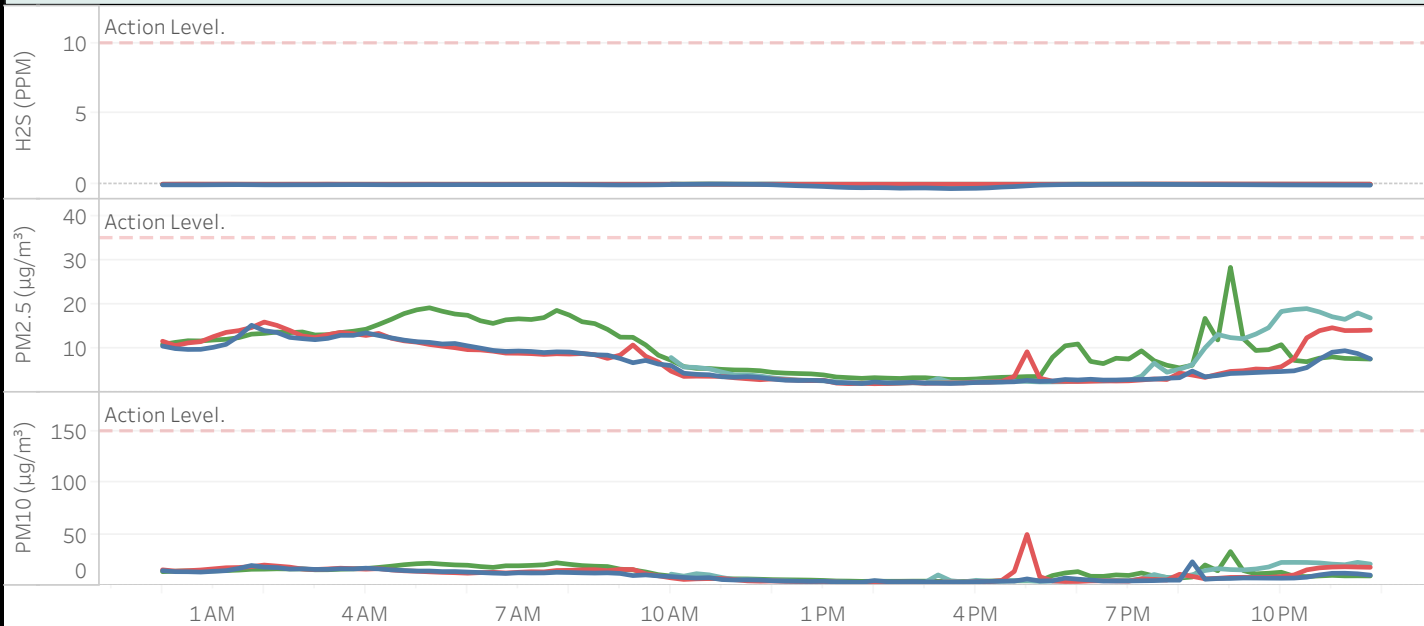


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

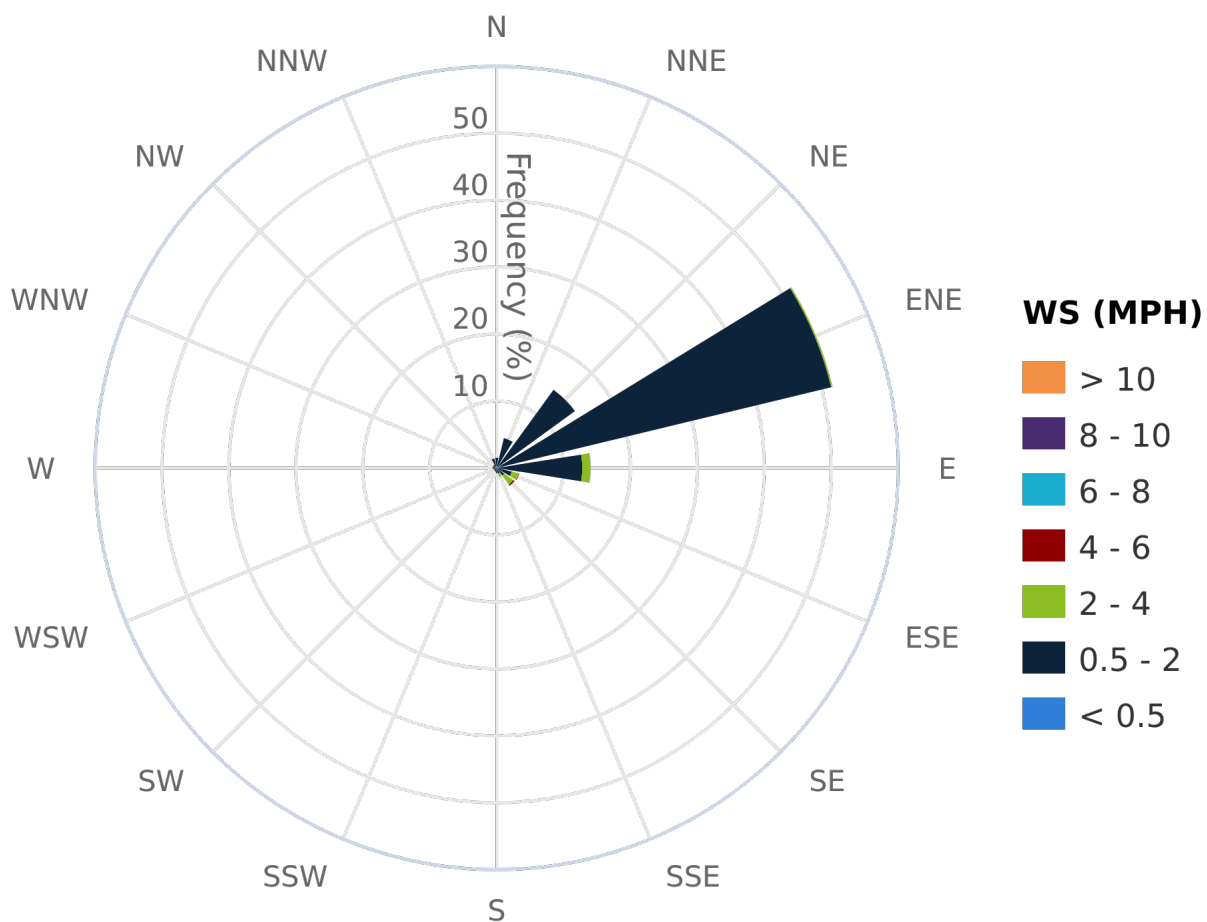


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

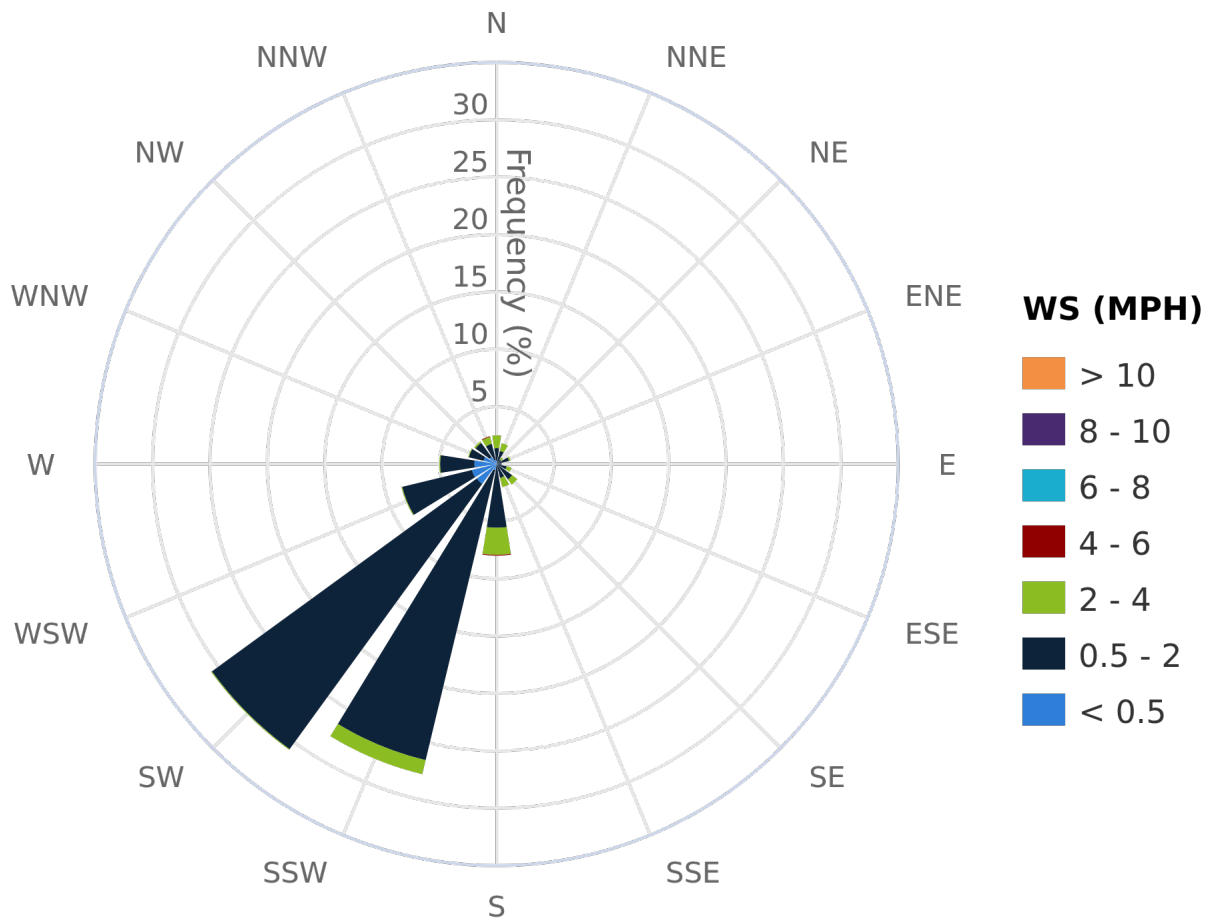


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

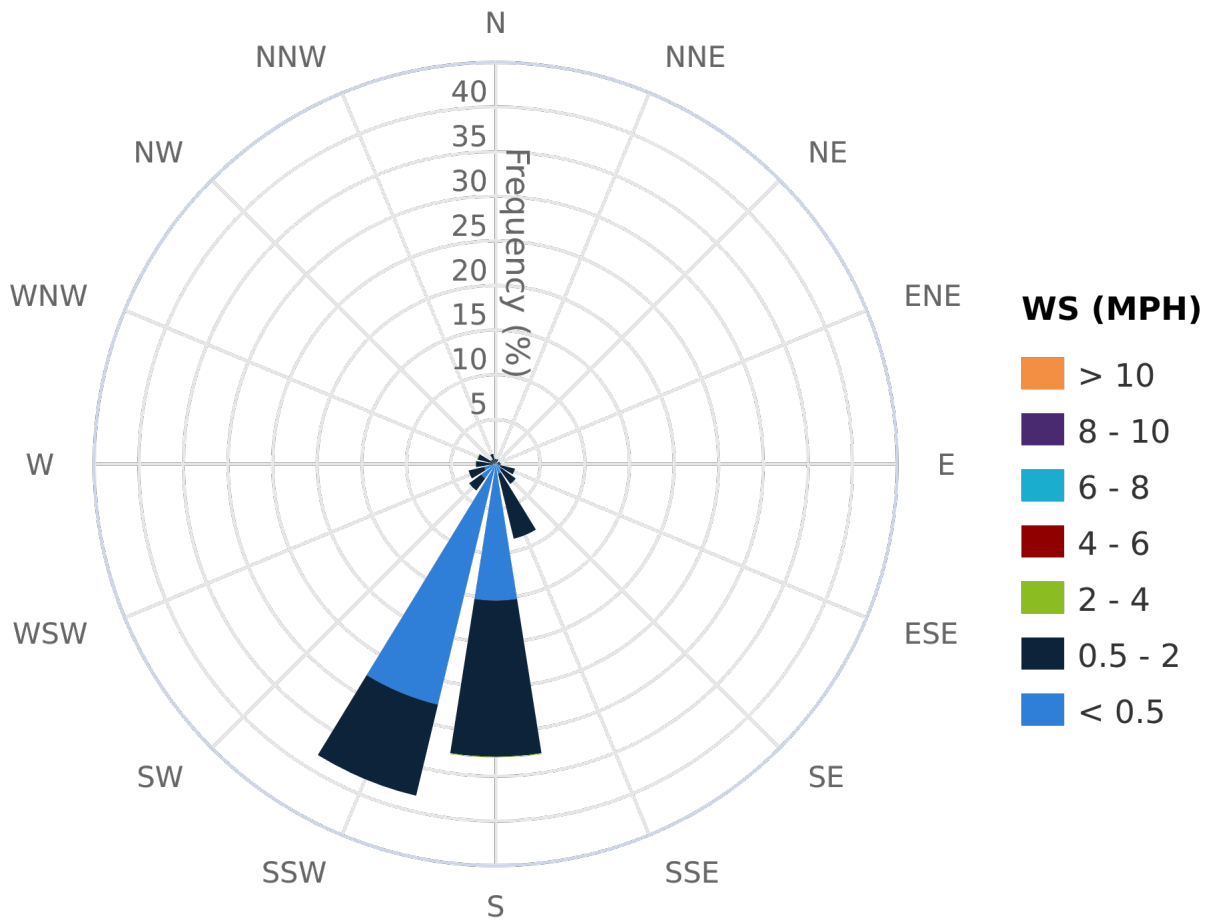


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

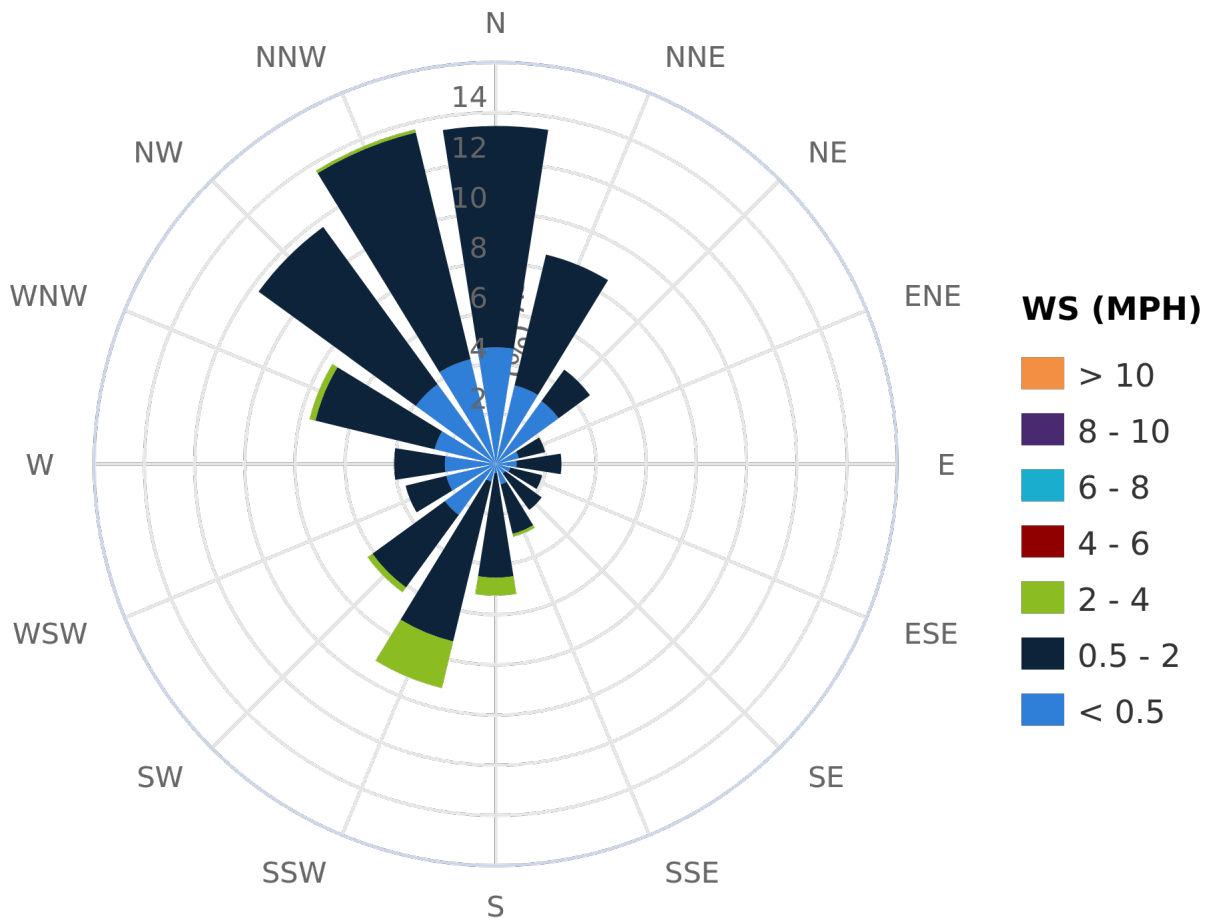


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	14.6	13.7		15.4	10.5	10.9	11.6		-0.044	0.000	0.003	
00:15:00	13.7	14.1		14.2	10.0	11.4	10.6		-0.044	0.000	0.006	
00:30:00	13.6	14.4		14.6	9.8	11.7	11.2		-0.043	0.000	0.010	
00:45:00	13.3	14.4		15.3	9.8	11.7	11.5		-0.043	0.000	0.008	
01:00:00	14.0	14.4		16.4	10.2	11.9	12.7		-0.037	0.000	0.006	
01:15:00	14.6	14.7		17.4	10.9	12.0	13.6		-0.032	0.000	0.009	
01:30:00	16.8	15.2		17.7	12.8	12.4	14.0		-0.029	0.000	0.005	
01:45:00	19.6	16.0		18.6	15.2	13.2	14.7		-0.034	0.000	0.002	
02:00:00	18.0	16.1		20.0	14.0	13.4	16.0		-0.042	0.000	0.001	
02:15:00	17.6	16.4		19.1	13.6	13.7	15.2		-0.042	0.000	0.000	
02:30:00	16.2	16.3		18.1	12.5	13.6	14.1		-0.040	0.000	0.002	
02:45:00	16.4	16.3		16.2	12.2	13.7	12.8		-0.037	0.000	0.003	
03:00:00	15.8	15.5		15.8	12.0	13.0	12.5		-0.038	0.000	0.002	
03:15:00	15.9	15.5		16.3	12.3	13.1	13.1		-0.033	0.000	0.007	
03:30:00	16.5	16.0		17.0	13.0	13.6	13.6		-0.030	0.000	0.001	
03:45:00	16.3	16.3		16.6	12.9	13.9	13.3		-0.027	0.000	0.002	
04:00:00	17.0	16.7		16.1	13.5	14.3	12.9		-0.029	0.000	0.001	
04:15:00	16.4	17.8		16.6	12.9	15.4	13.4		-0.033	0.000	0.000	
04:30:00	15.4	19.0		15.3	12.4	16.6	12.3		-0.036	0.000	0.000	
04:45:00	14.8	20.4		14.5	11.9	17.9	11.7		-0.035	0.000	0.001	
05:00:00	14.3	21.3		14.1	11.5	18.7	11.4		-0.032	0.000	0.002	
05:15:00	14.3	21.8		13.5	11.4	19.2	10.9		-0.029	0.000	0.003	
05:30:00	13.7	20.9		13.0	11.0	18.4	10.5		-0.031	0.000	0.000	
05:45:00	13.8	20.2		12.7	11.1	17.8	10.2		-0.029	0.000	0.000	
06:00:00	13.3	19.9		12.2	10.6	17.5	9.7		-0.026	0.000	0.000	
06:15:00	12.8	18.6		12.7	10.1	16.2	9.7		-0.029	0.000	0.000	
06:30:00	12.3	17.8		13.1	9.5	15.6	9.4		-0.030	0.000	0.000	
06:45:00	12.0	19.3		12.4	9.3	16.4	8.9		-0.029	0.000	0.000	
07:00:00	12.6	19.4		13.0	9.4	16.7	8.9		-0.027	0.000	0.001	
07:15:00	12.4	19.7		13.6	9.3	16.5	8.8		-0.027	0.000	0.000	
07:30:00	12.4	20.3		13.4	9.1	17.0	8.6		-0.025	0.000	0.000	
07:45:00	13.0	22.3		14.8	9.2	18.6	8.8		-0.027	0.000	0.000	
08:00:00	12.8	20.8		14.9	9.2	17.5	8.7		-0.031	0.000	0.000	
08:15:00	12.5	19.5		15.4	8.9	16.0	8.8		-0.037	0.000	0.000	
08:30:00	12.3	19.0		15.6	8.6	15.6	8.6		-0.040	0.000	0.000	
08:45:00	12.5	18.6		14.6	8.5	14.3	7.7		-0.047	0.000	0.000	
09:00:00	11.9	16.1		15.8	7.7	12.5	8.5		-0.052	0.000	0.000	
09:15:00	9.9	15.4		15.8	6.8	12.5	10.8		-0.050	0.000	0.000	
09:30:00	10.5	13.4		11.6	7.3	10.8	8.2		-0.049	0.000	0.000	
09:45:00	9.5	10.7		9.7	6.5	8.5	6.9		-0.042	0.000	0.000	
10:00:00	8.9	9.4	11.3	7.7	6.1	7.3	4.9	7.9	-0.024	0.000	0.000	0.026
10:15:00	8.1	7.7	9.3	6.1	4.4	5.9	3.7	5.8	-0.007	0.007	0.000	0.000
10:30:00	7.5	7.2	11.7	6.7	4.1	5.5	3.7	5.7	0.001	0.013	0.000	0.000
10:45:00	7.9	7.1	10.6	7.0	4.0	5.5	3.7	5.4	0.010	0.016	0.000	0.000
11:00:00	6.0	6.8	8.0	7.1	3.6	5.3	3.7	4.7	0.011	0.011	0.000	0.000
11:15:00	5.6	6.7	6.0	5.9	3.5	5.1	3.4	4.0	0.004	0.005	0.000	0.000
11:30:00	5.7	6.6	5.8	4.7	3.6	5.1	3.1	4.0	-0.003	0.000	0.000	0.010
11:45:00	5.5	6.3	5.4	4.4	3.4	5.0	2.9	3.7	-0.017	0.000	0.000	0.019



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	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	4.8	5.9	4.9	4.7	3.0	4.6	3.1	3.3	-0.037	0.000	0.000	0.021
12:15:00	4.5	5.8	4.7	4.3	2.8	4.4	2.9	3.1	-0.073	0.000	0.000	0.012
12:30:00	4.4	5.6	4.3	4.1	2.7	4.3	2.8	2.9	-0.106	0.000	0.000	0.000
12:45:00	4.2	5.5	4.1	4.1	2.8	4.2	2.7	2.8	-0.129	0.000	0.000	0.000
13:00:00	4.3	5.2	4.1	4.2	2.7	4.0	2.8	2.7	-0.159	0.000	0.000	0.000
13:15:00	3.8	4.6	3.8	3.5	2.3	3.5	2.2	2.5	-0.202	0.000	0.000	0.000
13:30:00	3.6	4.5	3.3	3.2	2.2	3.4	2.0	2.1	-0.233	0.000	0.000	0.000
13:45:00	3.4	4.3	3.2	3.3	2.1	3.2	2.1	2.1	-0.246	0.000	0.000	0.000
14:00:00	5.0	4.4	3.6	3.3	2.4	3.4	2.0	2.2	-0.238	0.000	0.000	0.000
14:15:00	3.9	4.4	3.5	3.3	2.2	3.3	2.1	2.0	-0.249	0.000	0.000	0.000
14:30:00	3.9	4.4	3.4	3.5	2.3	3.2	2.2	2.1	-0.278	0.000	0.000	0.000
14:45:00	4.0	4.5	3.6	3.5	2.3	3.4	2.3	2.2	-0.267	0.000	0.000	0.000
15:00:00	3.8	4.5	3.4	3.3	2.2	3.4	2.1	2.2	-0.263	0.000	0.000	0.000
15:15:00	3.6	4.3	10.5	3.5	2.1	3.2	2.2	3.2	-0.286	0.000	0.000	0.000
15:30:00	3.5	4.1	4.8	3.6	2.1	3.0	2.2	2.3	-0.308	0.000	0.000	0.000
15:45:00	3.6	4.2	3.8	3.5	2.2	3.0	2.2	2.2	-0.295	0.000	0.000	0.000
16:00:00	4.0	4.3	5.3	3.8	2.3	3.1	2.3	2.4	-0.286	0.000	0.000	0.000
16:15:00	4.2	4.6	4.3	4.0	2.3	3.3	2.4	2.4	-0.255	0.000	0.000	0.000
16:30:00	4.4	4.8	4.5	5.1	2.4	3.5	2.5	2.4	-0.199	0.000	0.000	0.000
16:45:00	4.5	4.8	5.2	13.9	2.5	3.5	3.7	2.6	-0.165	0.000	0.000	0.000
17:00:00	6.6	4.8	5.1	49.7	2.8	3.6	9.2	2.5	-0.112	0.000	0.000	0.000
17:15:00	4.6	4.9	4.2	8.8	2.5	3.6	3.3	2.4	-0.061	0.000	0.000	0.000
17:30:00	4.9	9.9	4.6	4.7	2.6	8.0	2.6	2.4	-0.041	0.000	0.000	0.000
17:45:00	7.5	12.4	4.7	4.1	3.0	10.6	2.5	2.5	-0.024	0.001	0.000	0.000
18:00:00	6.4	13.7	5.2	4.2	2.9	11.0	2.5	2.6	-0.007	0.005	0.000	0.002
18:15:00	5.5	9.2	5.1	4.7	3.0	7.1	2.6	2.7	-0.007	0.004	0.000	0.001
18:30:00	4.6	9.1	4.8	4.9	2.8	6.6	2.7	2.6	-0.001	0.003	0.000	0.000
18:45:00	4.6	10.5	5.2	4.7	2.9	7.8	2.6	2.8	0.000	0.004	0.002	0.000
19:00:00	4.7	10.0	5.0	4.5	2.9	7.6	2.7	2.7	0.002	0.002	0.002	0.000
19:15:00	4.8	12.4	6.7	6.7	3.0	9.5	2.9	3.7	0.000	0.001	0.012	0.000
19:30:00	5.0	9.4	10.9	6.1	3.1	7.2	3.1	6.7	-0.004	0.000	0.015	0.000
19:45:00	5.4	8.1	7.9	5.6	3.2	6.2	3.0	4.6	-0.008	0.000	0.017	0.000
20:00:00	5.4	7.5	8.7	11.1	3.4	5.6	4.4	5.3	-0.015	0.000	0.016	0.000
20:15:00	23.2	8.5	10.7	9.1	4.9	6.2	4.0	6.3	-0.017	0.000	0.014	0.000
20:30:00	6.4	20.2	14.8	6.8	3.6	16.8	3.4	10.1	-0.026	0.000	0.019	0.000
20:45:00	7.0	14.5	16.6	7.2	3.9	11.9	4.1	13.1	-0.029	0.000	0.018	0.000
21:00:00	7.1	33.1	15.7	8.1	4.3	28.3	4.8	12.4	-0.032	0.000	0.017	0.000
21:15:00	7.6	14.8	15.4	8.2	4.4	12.2	4.9	12.2	-0.034	0.000	0.014	0.000
21:30:00	7.5	11.6	16.3	8.1	4.6	9.5	5.3	13.2	-0.039	0.000	0.014	0.000
21:45:00	7.4	12.2	18.2	8.1	4.7	9.7	5.2	14.7	-0.043	0.000	0.014	0.000
22:00:00	7.3	13.1	22.6	8.9	4.8	10.8	5.9	18.3	-0.047	0.000	0.013	0.000
22:15:00	7.5	9.3	22.7	10.5	4.9	7.3	7.7	18.8	-0.049	0.000	0.012	0.000
22:30:00	8.3	8.9	22.6	15.4	5.7	7.0	12.4	19.0	-0.051	0.000	0.010	0.000
22:45:00	10.5	9.5	22.1	17.3	7.6	7.8	14.0	18.2	-0.054	0.000	0.011	0.000
23:00:00	12.1	10.1	21.0	18.1	9.1	8.1	14.7	17.2	-0.056	0.000	0.010	0.000
23:15:00	12.2	9.6	20.4	18.4	9.5	7.7	14.0	16.6	-0.058	0.000	0.007	0.000
23:30:00	11.6	9.6	22.7	18.1	8.8	7.7	14.0	18.0	-0.059	0.000	0.007	0.000
23:45:00	10.3	9.5	21.0	17.9	7.6	7.6	14.1	16.9	-0.063	0.000	0.006	0.000



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