



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-27

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.04500 Max : 14.50	2943 ESE	2995 NNE	2996 ESE	2997 N	Min : 66.02 Max : 102.4	Min : 43.50 Max : 89.10	Min : 30.01 Max : 30.19

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	16.6	38.0	6.9	9.0	-0.034	0.055
2995	13.1	23.2	5.8	6.8	0.005	0.043
2996	14.3	24.5	7.4	12.8	0.011	0.088
2997	18.0	39.9	7.5	9.9	0.002	0.024

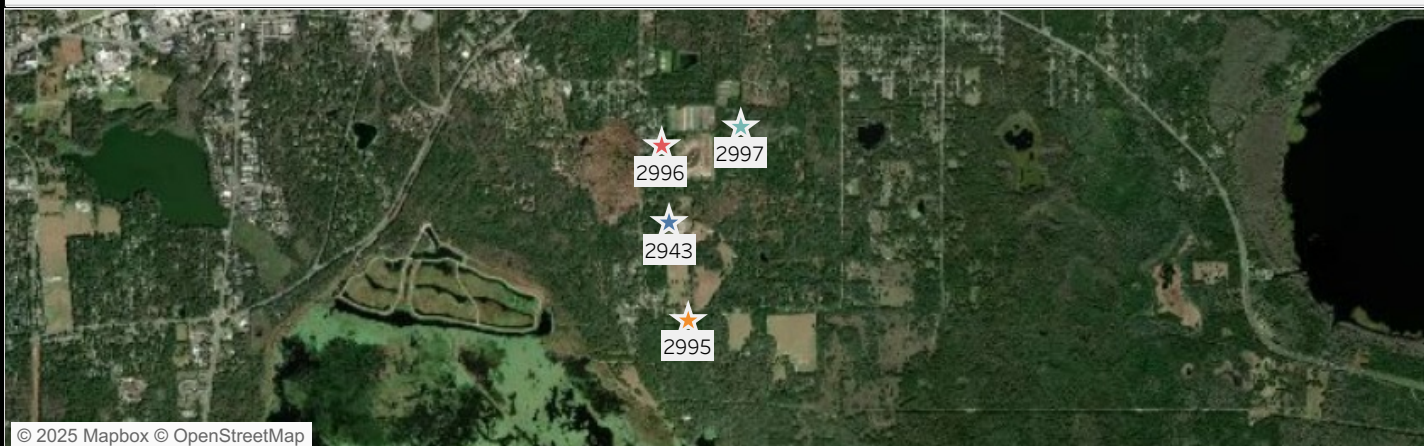


Figure 1 : Monitoring Locations

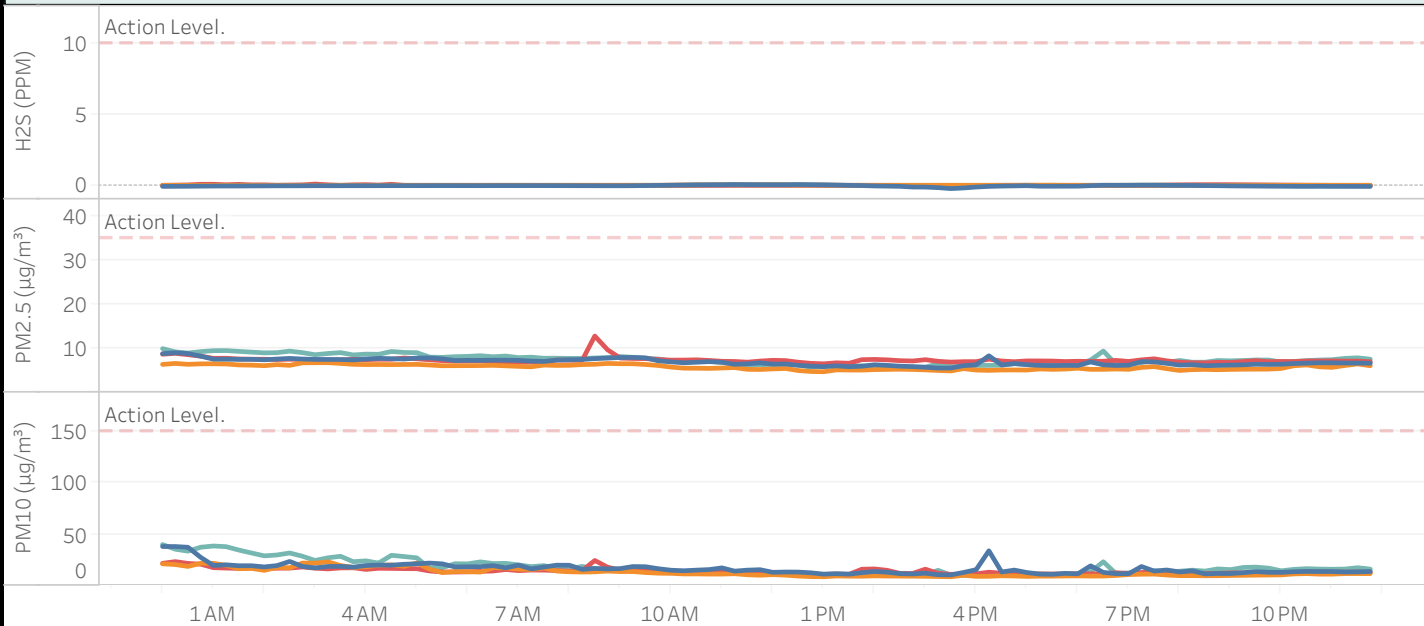


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

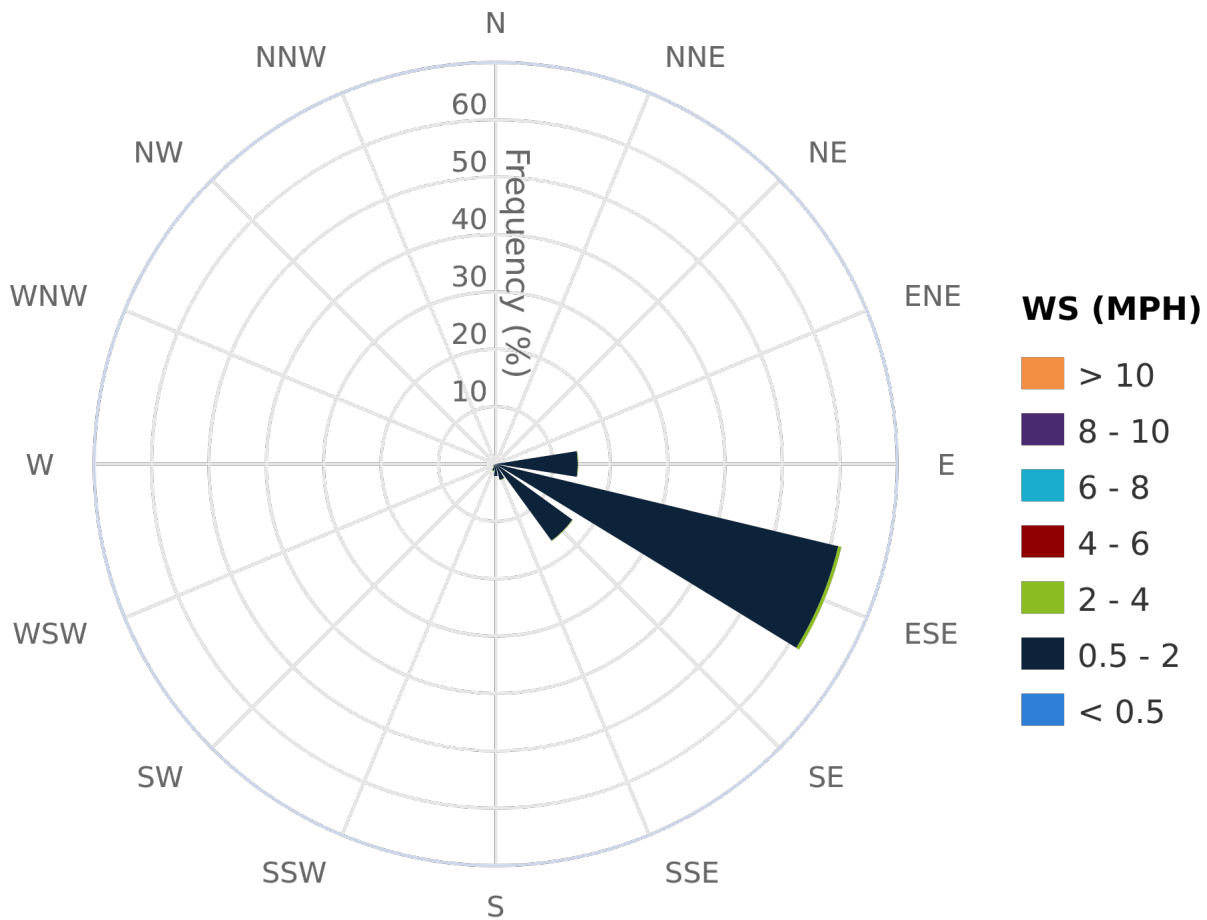


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

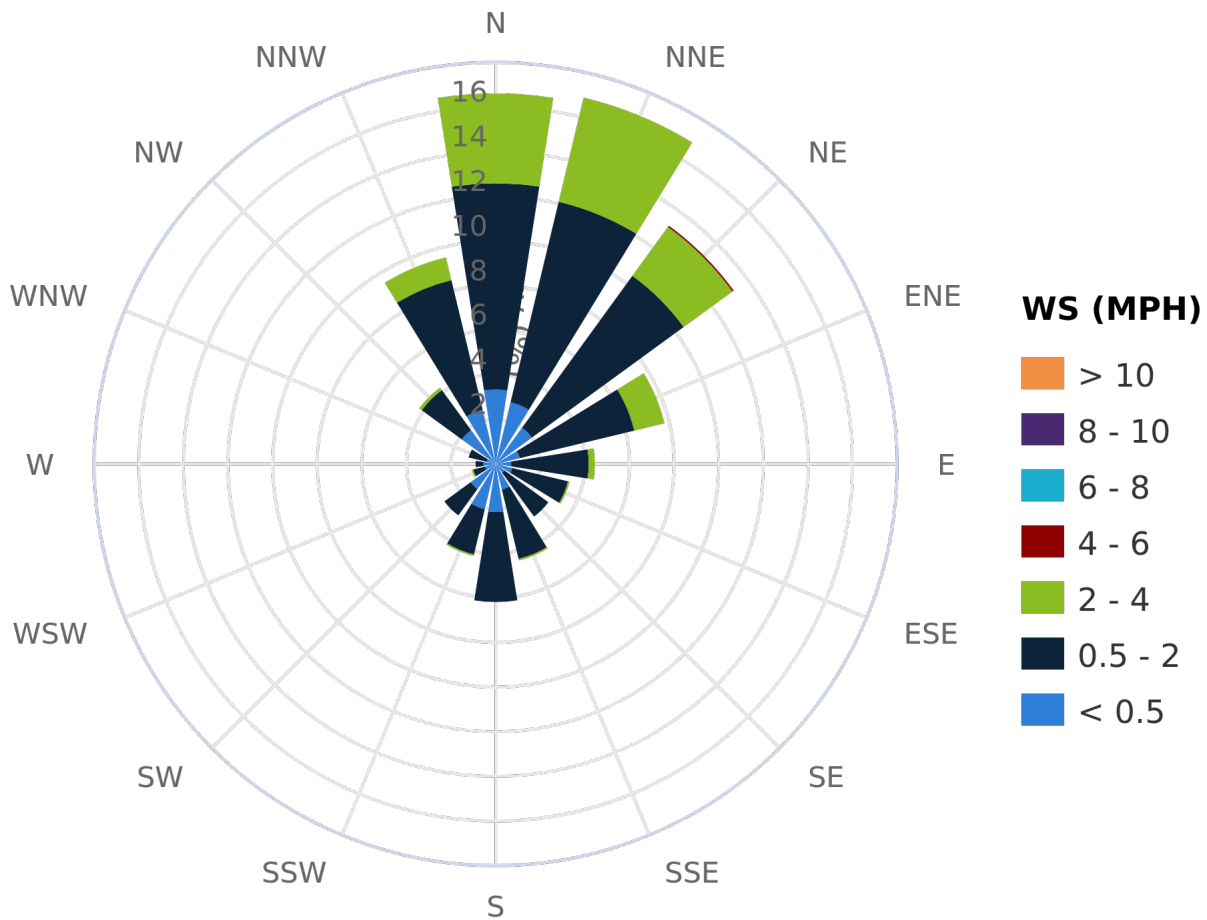


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

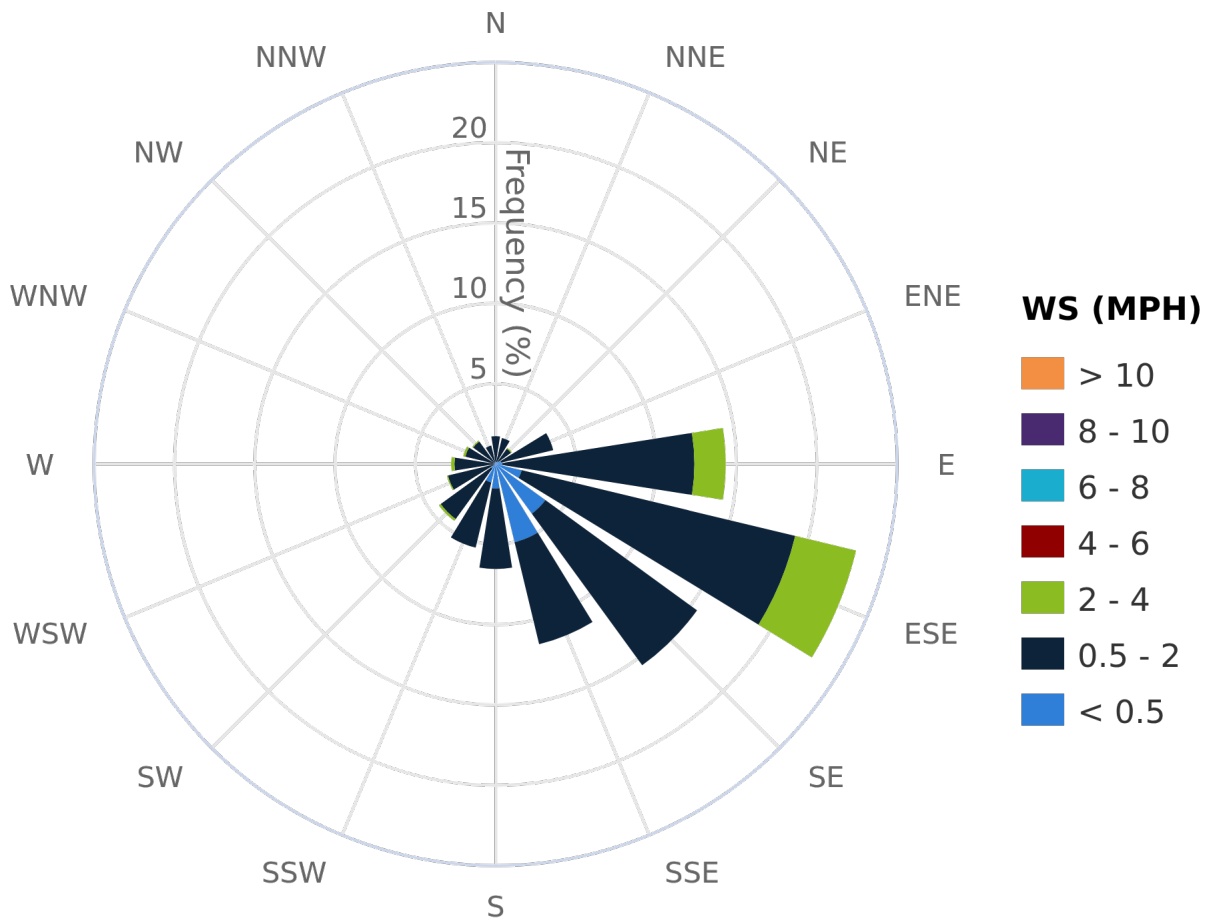


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

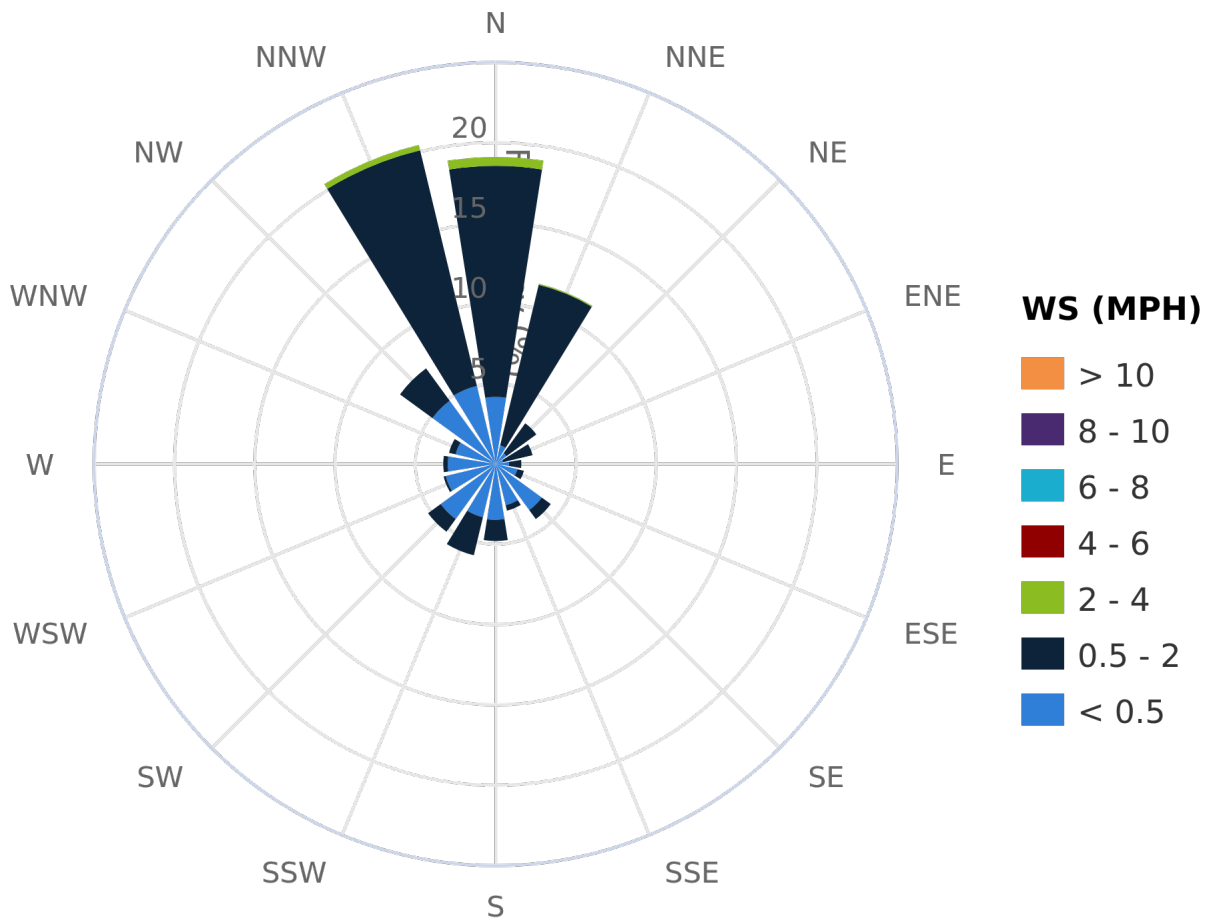


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	38.0	21.3	39.9	21.7	8.8	6.4	8.7	9.9	-0.075	0.000	0.001	0.000
00:15:00	38.0	20.5	35.4	23.4	9.0	6.6	8.9	9.2	-0.071	0.000	0.011	0.000
00:30:00	37.3	18.7	33.5	21.6	8.8	6.4	8.6	9.0	-0.066	0.000	0.026	0.000
00:45:00	27.5	21.7	37.3	20.9	8.2	6.5	8.2	9.3	-0.057	0.000	0.072	0.000
01:00:00	19.6	21.7	38.5	17.5	7.6	6.5	7.8	9.5	-0.052	0.000	0.073	0.000
01:15:00	20.3	19.8	37.9	17.1	7.6	6.5	7.8	9.5	-0.049	0.000	0.037	0.000
01:30:00	19.4	16.6	34.6	16.8	7.5	6.3	7.6	9.3	-0.049	0.000	0.067	0.000
01:45:00	19.4	16.8	31.7	17.3	7.5	6.2	7.6	9.2	-0.045	0.000	0.028	0.000
02:00:00	18.3	15.0	29.0	16.9	7.4	6.1	7.5	9.0	-0.041	0.000	0.031	0.000
02:15:00	19.5	17.7	29.8	17.0	7.6	6.3	7.5	9.0	-0.036	0.000	0.005	0.000
02:30:00	23.5	17.3	31.7	17.1	7.7	6.2	7.5	9.4	-0.036	0.000	0.017	0.000
02:45:00	18.7	22.0	28.6	18.2	7.6	6.7	7.5	9.0	-0.033	0.000	0.029	0.000
03:00:00	17.3	21.9	24.5	17.0	7.5	6.8	7.4	8.6	-0.028	0.000	0.088	0.000
03:15:00	18.7	23.2	27.1	16.3	7.5	6.8	7.4	8.8	-0.031	0.000	0.034	0.000
03:30:00	18.8	19.6	28.6	17.3	7.5	6.6	7.4	9.0	-0.031	0.000	0.002	0.000
03:45:00	18.1	17.7	23.3	17.4	7.4	6.4	7.5	8.5	-0.029	0.000	0.031	0.000
04:00:00	19.6	18.3	24.1	15.8	7.6	6.3	7.5	8.7	-0.029	0.000	0.044	0.000
04:15:00	20.0	19.7	22.0	16.9	7.8	6.4	7.5	8.7	-0.027	0.000	0.017	0.000
04:30:00	19.9	20.2	29.5	16.8	7.7	6.3	7.5	9.3	-0.024	0.000	0.069	0.000
04:45:00	20.8	18.8	28.3	16.6	7.6	6.4	7.8	9.1	-0.025	0.000	0.001	0.000
05:00:00	21.3	22.0	27.0	16.5	7.8	6.4	7.6	9.0	-0.025	0.000	0.000	0.000
05:15:00	22.0	16.1	17.0	14.3	7.8	6.2	7.4	8.0	-0.024	0.000	0.000	0.000
05:30:00	21.2	12.8	17.4	13.4	7.6	6.1	7.2	8.0	-0.021	0.000	0.000	0.000
05:45:00	18.2	13.8	21.4	13.3	7.3	6.1	7.1	8.1	-0.024	0.000	0.000	0.000
06:00:00	18.4	13.6	21.2	13.5	7.3	6.1	7.2	8.2	-0.024	0.000	0.000	0.000
06:15:00	18.5	13.2	23.1	13.9	7.3	6.1	7.2	8.3	-0.026	0.000	0.000	0.000
06:30:00	19.5	17.3	21.5	14.3	7.3	6.2	7.1	8.1	-0.022	0.000	0.000	0.000
06:45:00	17.4	17.2	21.7	15.8	7.3	6.1	6.9	8.3	-0.021	0.000	0.002	0.000
07:00:00	20.0	16.1	20.2	14.7	7.3	5.9	6.9	7.9	-0.023	0.000	0.001	0.000
07:15:00	16.3	15.8	18.5	15.2	7.1	5.8	6.9	8.0	-0.020	0.000	0.000	0.000
07:30:00	18.2	17.2	19.5	15.2	7.1	6.2	7.0	7.8	-0.021	0.000	0.000	0.000
07:45:00	19.9	14.3	16.4	14.7	7.3	6.2	7.4	7.8	-0.025	0.000	0.000	0.000
08:00:00	19.9	13.6	16.4	14.2	7.4	6.2	7.3	7.7	-0.027	0.000	0.000	0.000
08:15:00	15.8	13.3	18.7	14.6	7.5	6.3	7.3	7.7	-0.029	0.000	0.000	0.000
08:30:00	16.8	13.5	16.6	24.5	7.7	6.4	12.8	7.8	-0.031	0.000	0.000	0.000
08:45:00	16.3	14.2	16.1	18.0	7.8	6.6	9.7	7.9	-0.032	0.000	0.000	0.000
09:00:00	16.6	13.8	15.4	15.1	7.9	6.5	7.8	8.2	-0.034	0.000	0.000	0.000
09:15:00	18.6	13.8	14.9	14.7	8.0	6.5	7.7	8.0	-0.029	0.000	0.000	0.000
09:30:00	18.4	12.8	14.4	14.4	7.9	6.4	7.7	7.7	-0.018	0.001	0.000	0.000
09:45:00	16.5	12.2	14.2	14.0	7.2	6.1	7.5	7.6	-0.006	0.005	0.000	0.000
10:00:00	15.1	12.0	13.5	14.0	6.9	5.8	7.3	7.1	0.007	0.015	0.000	0.000
10:15:00	14.6	11.4	13.3	13.6	6.7	5.5	7.4	7.1	0.021	0.024	0.000	0.001
10:30:00	15.2	11.5	13.8	13.6	6.9	5.5	7.4	7.2	0.035	0.033	0.000	0.000
10:45:00	15.7	11.3	13.3	13.3	7.0	5.5	7.3	7.1	0.040	0.036	0.000	0.000
11:00:00	17.3	11.3	13.4	13.4	6.9	5.6	7.1	6.8	0.044	0.043	0.000	0.005
11:15:00	14.2	11.7	12.7	13.0	6.4	5.7	7.0	6.5	0.055	0.040	0.000	0.009
11:30:00	15.2	10.6	11.6	12.7	6.5	5.3	6.9	6.2	0.048	0.041	0.000	0.016
11:45:00	15.6	10.2	11.7	12.7	6.7	5.2	7.1	6.3	0.044	0.037	0.000	0.019



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	13.0	10.8	11.7	12.9	6.4	5.4	7.3	6.4	0.042	0.040	0.000	0.023
12:15:00	13.3	10.3	11.6	12.6	6.5	5.5	7.2	6.5	0.042	0.036	0.000	0.024
12:30:00	13.3	9.4	11.0	11.9	6.2	5.0	6.9	6.3	0.054	0.024	0.000	0.019
12:45:00	12.5	8.9	9.7	11.2	6.0	4.8	6.6	5.8	0.043	0.022	0.000	0.016
13:00:00	11.3	8.7	10.6	11.0	5.9	4.7	6.5	6.1	0.033	0.015	0.000	0.011
13:15:00	11.7	9.5	10.6	11.3	6.1	5.1	6.7	6.1	0.019	0.005	0.000	0.001
13:30:00	11.3	9.3	10.4	11.1	5.9	5.1	6.6	6.0	-0.002	0.001	0.000	0.000
13:45:00	12.7	9.3	10.7	16.0	6.0	5.1	7.4	6.1	-0.018	0.002	0.000	0.000
14:00:00	13.8	9.6	10.2	16.3	6.3	5.2	7.5	5.9	-0.046	0.000	0.000	0.000
14:15:00	13.1	9.4	10.2	15.0	6.2	5.2	7.4	5.8	-0.058	0.000	0.000	0.000
14:30:00	11.7	9.4	10.1	12.0	6.0	5.3	7.2	5.8	-0.072	0.000	0.000	0.000
14:45:00	11.5	9.3	10.2	11.9	5.9	5.2	7.2	5.8	-0.120	0.000	0.000	0.000
15:00:00	12.1	9.1	10.5	16.1	5.7	5.1	7.4	5.8	-0.126	0.000	0.000	0.000
15:15:00	10.7	9.0	15.0	12.1	5.6	5.0	7.1	6.5	-0.163	0.000	0.000	0.000
15:30:00	10.5	8.7	10.3	11.1	5.6	4.9	6.9	5.9	-0.231	0.000	0.000	0.000
15:45:00	12.9	10.2	10.1	11.3	6.1	5.4	7.0	6.0	-0.187	0.000	0.000	0.000
16:00:00	15.6	9.1	11.5	11.5	6.3	5.1	7.0	6.1	-0.121	0.000	0.000	0.000
16:15:00	33.9	9.2	10.6	13.2	8.3	5.0	7.6	6.2	-0.076	0.000	0.000	0.000
16:30:00	13.4	9.7	10.7	12.1	6.3	5.1	7.1	6.2	-0.054	0.002	0.000	0.000
16:45:00	15.2	9.5	13.0	11.8	6.6	5.1	7.0	6.5	-0.042	0.004	0.000	0.000
17:00:00	12.8	9.1	11.3	11.4	6.3	5.1	7.2	6.4	-0.027	0.010	0.000	0.000
17:15:00	11.3	9.3	10.8	11.6	6.2	5.4	7.2	6.3	-0.064	0.008	0.000	0.000
17:30:00	11.1	9.3	10.5	11.4	6.1	5.3	7.1	6.4	-0.065	0.010	0.000	0.000
17:45:00	12.0	9.5	10.7	11.4	6.2	5.3	7.0	6.3	-0.062	0.002	0.000	0.000
18:00:00	11.6	9.6	10.7	11.6	6.1	5.5	7.1	6.4	-0.061	0.001	0.000	0.000
18:15:00	19.3	9.4	13.5	11.6	6.9	5.3	7.0	7.4	-0.025	0.000	0.000	0.000
18:30:00	13.0	9.4	23.3	11.6	6.3	5.3	7.1	9.4	0.004	0.000	0.000	0.000
18:45:00	11.7	10.0	11.7	12.6	6.1	5.3	7.3	6.4	0.002	0.000	0.000	0.000
19:00:00	11.7	10.9	12.5	12.0	6.2	5.3	7.1	6.4	0.003	0.002	0.000	0.004
19:15:00	18.6	11.2	12.3	12.8	7.0	5.7	7.4	6.8	0.009	0.002	0.000	0.011
19:30:00	14.2	11.3	14.5	13.4	6.9	5.9	7.6	7.3	0.009	0.002	0.001	0.014
19:45:00	15.3	10.4	13.5	12.5	6.6	5.4	7.2	6.9	-0.002	0.000	0.020	0.009
20:00:00	13.4	9.8	14.1	12.3	6.2	5.0	6.9	7.3	-0.006	0.000	0.031	0.006
20:15:00	14.5	9.8	15.1	11.9	6.3	5.2	6.7	6.9	-0.011	0.000	0.040	0.003
20:30:00	11.5	9.7	14.2	11.8	6.1	5.3	6.7	6.9	-0.021	0.000	0.043	0.000
20:45:00	11.9	9.7	16.3	12.0	6.2	5.2	6.9	7.3	-0.028	0.000	0.046	0.000
21:00:00	11.8	10.0	15.6	12.4	6.2	5.3	6.8	7.2	-0.041	0.000	0.043	0.000
21:15:00	12.7	10.1	17.7	12.5	6.3	5.3	7.0	7.3	-0.047	0.000	0.038	0.000
21:30:00	13.8	10.3	18.1	12.9	6.4	5.3	7.2	7.4	-0.054	0.000	0.032	0.000
21:45:00	13.0	10.4	17.1	12.8	6.4	5.3	7.0	7.4	-0.061	0.000	0.027	0.000
22:00:00	13.0	10.5	14.5	13.0	6.4	5.5	7.1	6.9	-0.066	0.000	0.018	0.000
22:15:00	13.6	11.5	15.9	12.7	6.6	6.1	7.0	7.1	-0.072	0.000	0.015	0.000
22:30:00	13.9	11.8	16.6	13.2	6.7	6.3	7.1	7.2	-0.076	0.000	0.008	0.000
22:45:00	13.8	11.3	16.2	13.3	6.7	5.8	7.1	7.4	-0.072	0.000	0.005	0.000
23:00:00	13.8	11.3	16.0	13.2	6.7	5.7	7.2	7.4	-0.076	0.000	0.001	0.000
23:15:00	13.3	11.8	16.2	13.2	6.7	6.1	7.1	7.7	-0.076	0.000	0.000	0.000
23:30:00	13.5	11.8	17.5	13.3	6.7	6.5	7.1	7.9	-0.077	0.000	0.001	0.000
23:45:00	13.8	11.8	16.1	13.0	6.6	6.1	7.0	7.6	-0.079	0.000	0.000	0.000



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