



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-01

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 11.19	2943 SE	2995 ENE	2996 NNE	2997 W	Min : 74.12 Max : 103.8	Min : 48.50 Max : 97.30	Min : 30.03 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	20.0	136.7	6.8	19.4	-0.017	0.103
2995	14.7	21.0	5.9	7.9	0.010	0.088
2996	16.7	23.8	6.7	9.0	0.004	0.031
2997	20.9	44.5	6.9	15.6	0.005	0.045

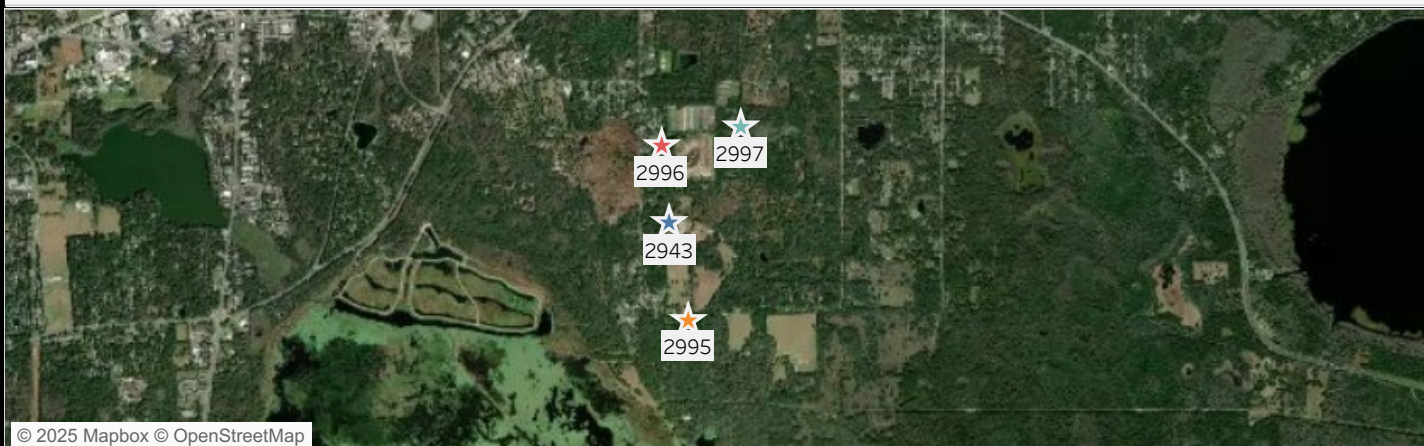


Figure 1 : Monitoring Locations

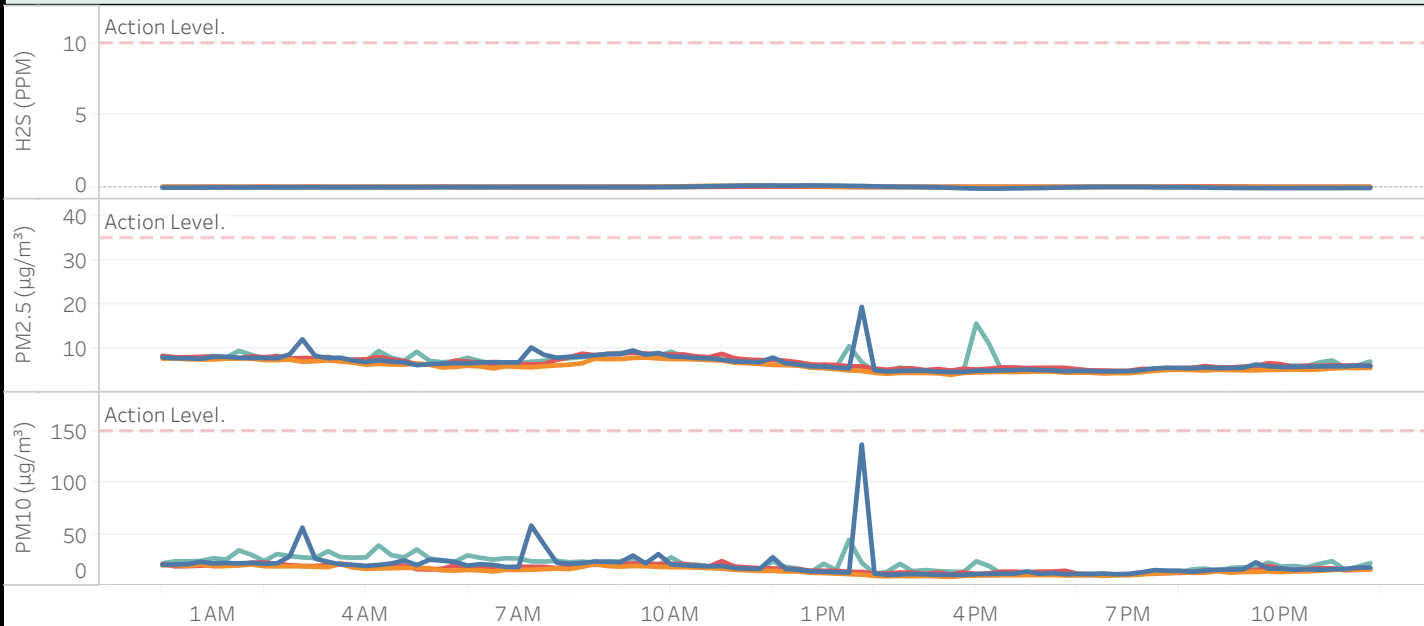


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

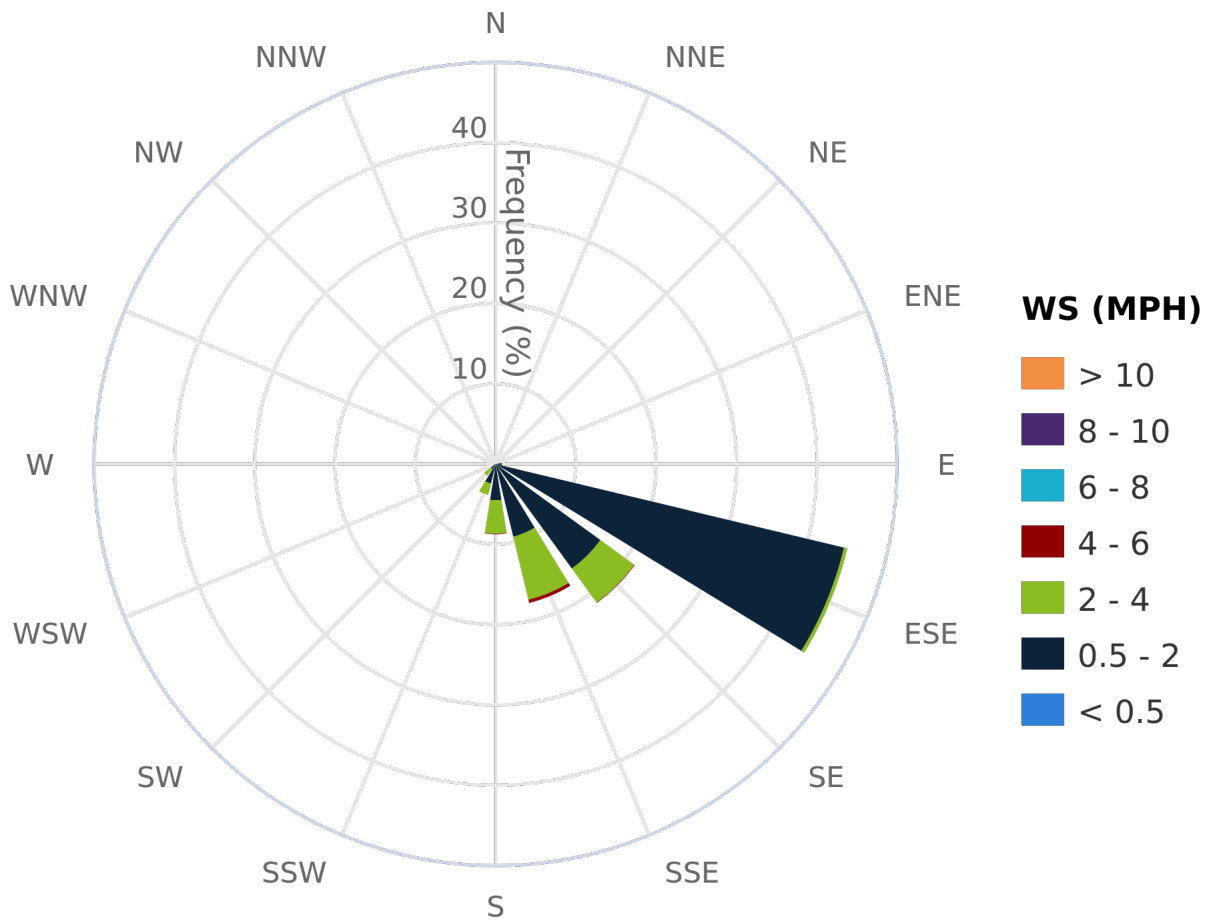


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

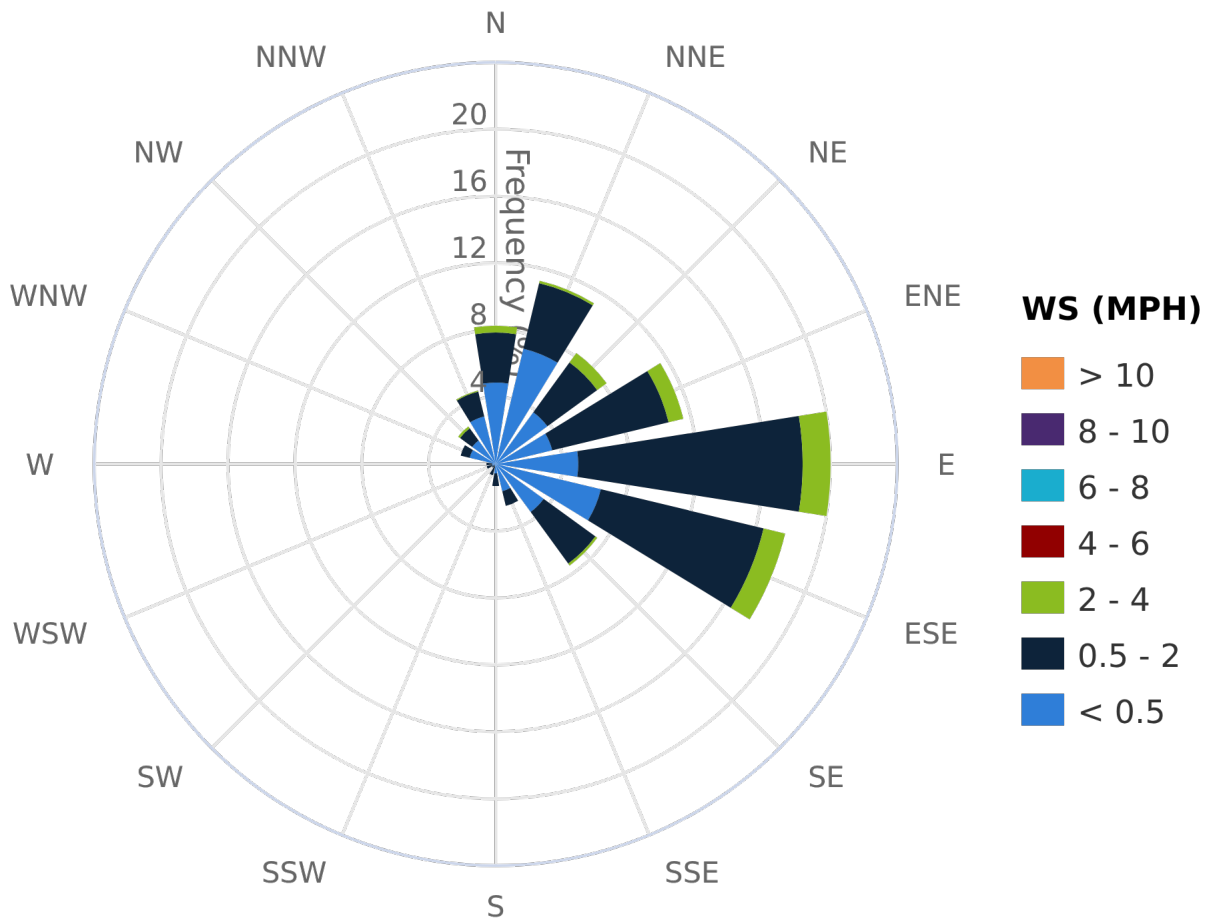


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

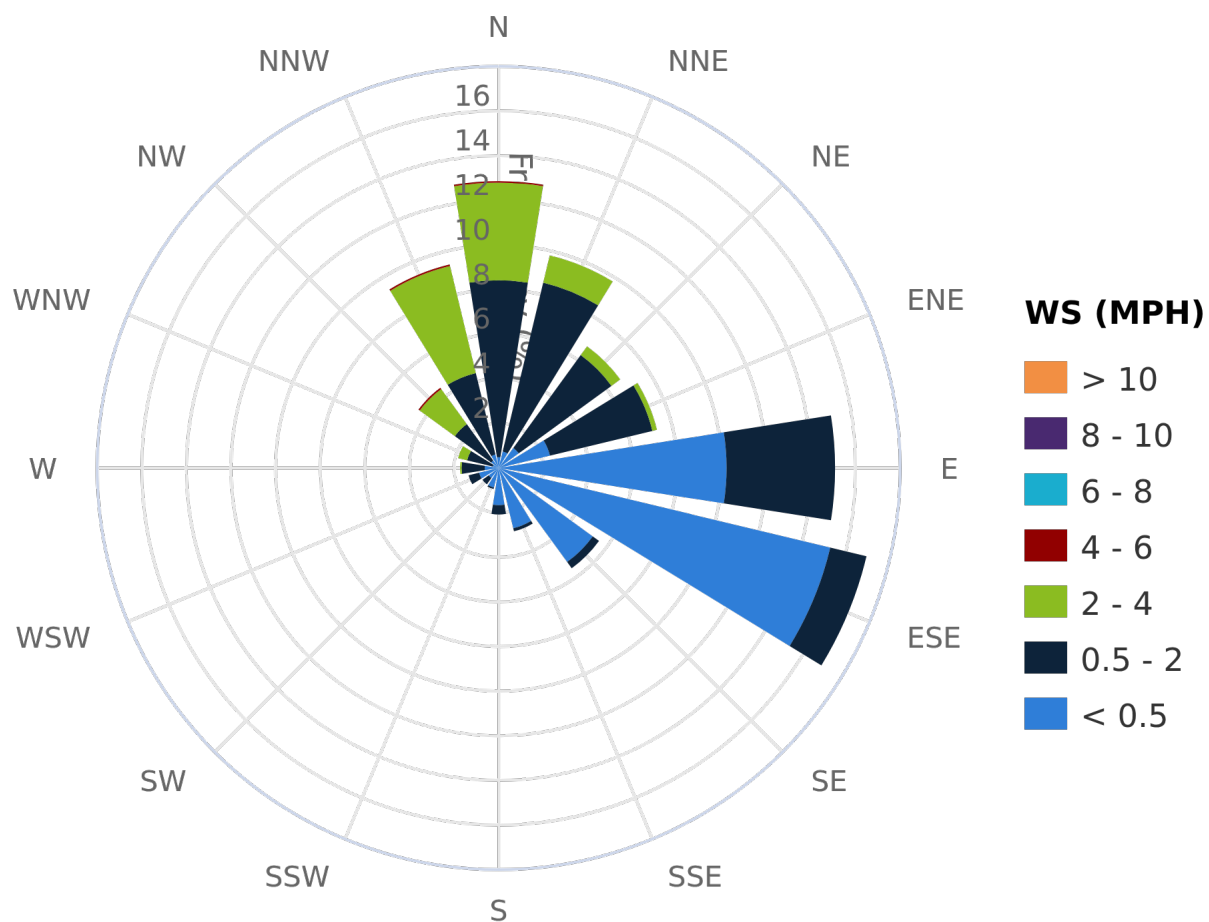


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

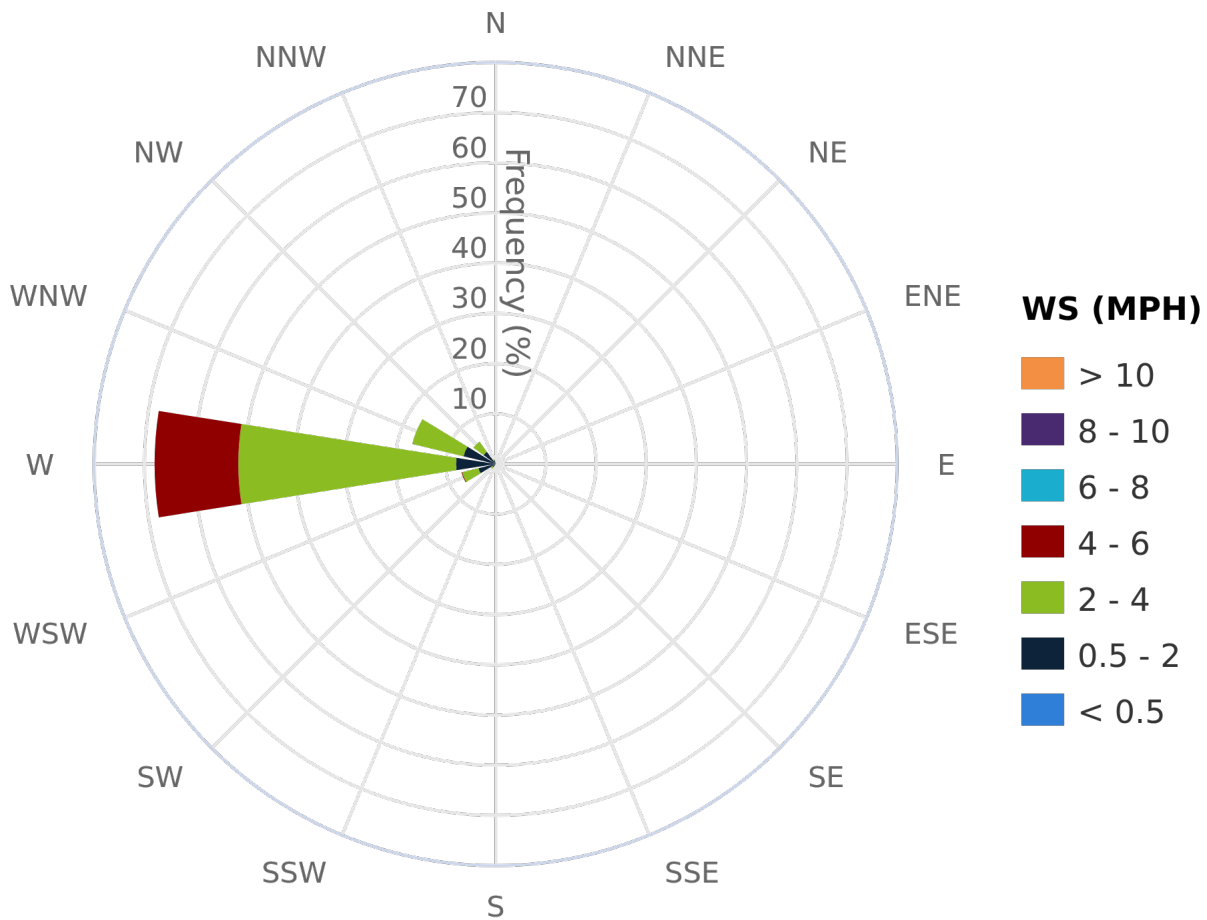


Figure 3 : Wind Rose Chart (WS in MPH)



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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	20.3	19.8	21.7	20.8	8.0	7.7	8.3	8.2	-0.049	0.000	0.000	0.000
00:15:00	20.7	20.2	23.7	18.8	7.8	7.7	8.0	8.0	-0.048	0.000	0.000	0.000
00:30:00	20.9	19.3	23.7	19.1	7.8	7.5	8.0	7.9	-0.044	0.000	0.000	0.000
00:45:00	23.2	20.7	24.0	19.4	7.6	7.5	8.1	8.0	-0.042	0.000	0.008	0.000
01:00:00	21.6	18.9	26.7	20.3	8.1	7.5	8.1	8.3	-0.038	0.000	0.009	0.000
01:15:00	22.1	19.1	25.3	21.2	8.1	7.7	8.0	7.9	-0.038	0.000	0.000	0.000
01:30:00	21.6	19.8	34.2	19.9	7.9	7.7	7.7	9.4	-0.036	0.000	0.000	0.000
01:45:00	22.2	20.6	30.0	22.3	7.8	7.7	8.2	8.5	-0.033	0.000	0.001	0.000
02:00:00	21.3	19.0	23.9	22.6	7.8	7.4	8.0	7.7	-0.033	0.000	0.013	0.000
02:15:00	21.7	18.8	30.7	21.2	7.8	7.4	8.2	8.3	-0.029	0.000	0.001	0.000
02:30:00	28.3	18.9	28.9	20.0	8.6	7.5	7.7	7.6	-0.027	0.000	0.000	0.000
02:45:00	56.3	18.8	27.5	19.2	12.1	7.0	7.8	7.8	-0.027	0.000	0.006	0.000
03:00:00	26.3	18.4	26.9	19.1	8.3	7.1	7.8	7.7	-0.025	0.000	0.016	0.000
03:15:00	23.2	18.1	33.4	20.1	7.8	7.3	7.9	8.1	-0.024	0.000	0.000	0.000
03:30:00	20.6	21.0	27.7	21.6	7.9	7.0	7.4	7.3	-0.024	0.000	0.000	0.000
03:45:00	20.2	17.6	27.2	19.7	7.2	6.8	7.5	7.2	-0.024	0.000	0.000	0.000
04:00:00	19.2	16.5	27.5	18.6	6.9	6.3	7.5	7.2	-0.020	0.000	0.007	0.000
04:15:00	20.1	16.7	39.1	19.5	7.3	6.5	8.1	9.4	-0.016	0.000	0.002	0.000
04:30:00	21.6	17.0	29.7	19.2	7.0	6.4	7.5	7.9	-0.020	0.000	0.002	0.000
04:45:00	24.6	17.3	27.5	19.6	6.9	6.3	7.1	7.2	-0.018	0.000	0.000	0.000
05:00:00	20.0	17.3	35.1	16.1	6.2	6.6	6.4	9.2	-0.018	0.000	0.000	0.000
05:15:00	25.2	16.9	26.4	15.7	6.4	6.3	6.4	7.2	-0.016	0.000	0.002	0.000
05:30:00	24.4	15.0	24.7	16.6	6.5	5.7	6.3	6.9	-0.011	0.000	0.018	0.000
05:45:00	23.0	14.7	23.4	19.7	6.7	5.8	7.2	7.1	-0.013	0.000	0.001	0.000
06:00:00	19.5	15.4	29.5	18.3	6.6	6.1	7.0	7.9	-0.014	0.000	0.000	0.000
06:15:00	20.9	14.9	27.1	18.0	6.8	5.9	6.8	7.1	-0.014	0.000	0.000	0.000
06:30:00	20.2	13.9	25.3	16.9	6.9	5.5	6.3	6.5	-0.012	0.000	0.001	0.000
06:45:00	18.2	15.4	26.7	17.7	6.8	5.9	6.2	6.8	-0.013	0.000	0.000	0.000
07:00:00	18.2	15.3	26.3	18.3	6.8	5.8	6.5	6.6	-0.013	0.000	0.000	0.000
07:15:00	58.3	15.5	23.7	18.4	10.2	5.7	6.4	7.0	-0.013	0.000	0.000	0.000
07:30:00	40.1	16.1	23.5	18.3	8.5	6.0	6.4	7.2	-0.013	0.000	0.000	0.000
07:45:00	22.5	16.8	24.2	17.1	7.9	6.2	7.4	7.5	-0.013	0.000	0.000	0.000
08:00:00	21.3	16.2	22.8	19.5	8.1	6.3	8.0	7.8	-0.010	0.000	0.000	0.000
08:15:00	21.9	18.3	23.5	22.0	8.2	6.6	8.8	8.1	-0.012	0.000	0.000	0.000
08:30:00	23.5	20.9	22.1	20.3	8.5	7.7	8.5	8.2	-0.012	0.000	0.000	0.000
08:45:00	23.2	19.1	23.5	21.2	8.7	7.5	8.7	8.8	-0.012	0.000	0.000	0.000
09:00:00	22.8	18.5	23.4	20.8	8.7	7.6	8.8	8.9	-0.014	0.000	0.000	0.000
09:15:00	29.2	19.1	26.9	21.7	9.5	7.8	9.0	9.4	-0.014	0.000	0.000	0.000
09:30:00	21.7	19.0	21.4	21.3	8.6	7.9	8.8	8.5	-0.012	0.003	0.000	0.000
09:45:00	30.6	18.3	19.5	21.0	9.0	7.7	8.6	8.2	-0.010	0.013	0.000	0.000
10:00:00	20.7	18.0	27.6	21.2	8.2	7.6	8.6	9.3	0.001	0.028	0.000	0.000
10:15:00	19.9	18.0	20.5	21.1	8.1	7.6	8.6	8.1	0.015	0.041	0.000	0.000
10:30:00	19.2	17.6	20.5	19.4	7.8	7.5	8.2	8.0	0.030	0.060	0.002	0.011
10:45:00	18.9	17.2	18.6	18.8	7.7	7.4	8.0	7.4	0.046	0.073	0.004	0.021
11:00:00	19.2	16.6	18.7	23.8	7.5	7.3	8.8	7.4	0.062	0.079	0.009	0.031
11:15:00	17.1	15.5	17.8	18.6	7.0	6.8	7.8	7.1	0.080	0.083	0.012	0.040
11:30:00	16.6	14.9	17.3	17.7	7.0	6.6	7.5	6.9	0.095	0.088	0.014	0.043
11:45:00	16.5	14.4	16.1	17.1	6.9	6.5	7.3	6.8	0.096	0.085	0.017	0.044



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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	27.6	14.5	23.7	16.7	7.9	6.3	7.4	7.9	0.100	0.073	0.016	0.044
12:15:00	16.3	13.8	18.2	16.6	6.7	6.2	7.2	6.8	0.090	0.069	0.017	0.045
12:30:00	15.5	13.8	16.8	15.9	6.4	6.1	6.9	6.3	0.096	0.065	0.015	0.039
12:45:00	14.0	12.6	13.3	14.6	5.9	5.7	6.4	5.6	0.103	0.064	0.016	0.034
13:00:00	13.7	12.3	21.3	14.5	5.9	5.5	6.3	6.4	0.098	0.046	0.012	0.031
13:15:00	13.3	11.8	15.3	14.5	5.6	5.3	6.2	5.8	0.091	0.026	0.004	0.011
13:30:00	12.8	11.3	44.5	13.4	5.5	5.0	5.9	10.5	0.074	0.007	0.000	0.003
13:45:00	136.7	10.7	22.3	13.3	19.4	4.9	5.9	6.9	0.062	0.000	0.000	0.000
14:00:00	11.8	9.6	11.5	11.9	5.1	4.5	5.4	4.8	0.040	0.000	0.000	0.000
14:15:00	10.6	9.1	13.6	11.9	4.8	4.3	5.2	4.8	0.020	0.000	0.000	0.000
14:30:00	10.9	9.5	21.2	12.8	4.9	4.5	5.5	5.7	0.007	0.000	0.000	0.000
14:45:00	11.4	9.4	14.1	12.9	5.0	4.5	5.5	5.1	0.000	0.000	0.000	0.000
15:00:00	11.2	9.6	15.2	11.3	5.0	4.5	5.1	5.0	-0.012	0.000	0.000	0.000
15:15:00	10.6	9.1	14.2	12.8	4.7	4.4	5.3	4.7	-0.030	0.000	0.000	0.000
15:30:00	10.6	8.6	13.7	10.7	4.7	4.0	5.0	4.7	-0.059	0.000	0.000	0.000
15:45:00	10.5	9.7	13.3	13.0	4.7	4.5	5.4	4.8	-0.088	0.000	0.000	0.000
16:00:00	11.4	9.9	23.7	11.4	5.0	4.5	5.2	15.6	-0.111	0.000	0.000	0.000
16:15:00	11.5	10.1	19.2	12.1	5.0	4.7	5.4	11.1	-0.116	0.000	0.000	0.000
16:30:00	11.8	10.1	11.6	13.6	5.1	4.7	5.7	5.0	-0.112	0.000	0.000	0.000
16:45:00	11.8	10.2	12.1	13.7	5.1	4.7	5.7	5.0	-0.096	0.000	0.000	0.000
17:00:00	13.9	10.2	11.4	12.9	5.2	4.7	5.6	4.9	-0.085	0.000	0.000	0.000
17:15:00	11.6	10.5	12.5	13.7	5.1	4.8	5.6	5.0	-0.076	0.000	0.000	0.000
17:30:00	12.3	10.3	11.7	13.7	5.0	4.8	5.6	4.9	-0.053	0.000	0.000	0.000
17:45:00	11.2	10.0	11.4	14.5	4.8	4.5	5.6	4.8	-0.036	0.000	0.000	0.000
18:00:00	11.6	10.0	11.1	11.5	4.9	4.5	5.3	4.7	-0.018	0.000	0.000	0.000
18:15:00	11.3	10.1	11.7	11.1	4.9	4.5	5.0	4.8	-0.002	0.000	0.000	0.002
18:30:00	11.8	9.7	10.8	11.3	4.8	4.3	5.0	4.6	0.002	0.014	0.000	0.004
18:45:00	11.2	10.1	10.6	10.8	4.8	4.4	4.9	4.6	0.001	0.017	0.000	0.007
19:00:00	11.5	10.2	11.0	10.9	4.9	4.4	4.9	4.7	-0.001	0.020	0.000	0.007
19:15:00	13.0	11.1	11.1	12.7	5.1	4.6	5.4	4.8	-0.004	0.018	0.000	0.008
19:30:00	15.1	11.6	14.2	12.3	5.4	4.9	5.3	5.3	-0.013	0.007	0.003	0.008
19:45:00	14.7	12.3	13.7	12.3	5.6	5.1	5.4	5.2	-0.020	0.000	0.010	0.004
20:00:00	14.6	13.1	13.1	12.5	5.6	5.2	5.5	5.3	-0.025	0.000	0.022	0.003
20:15:00	13.5	12.5	15.9	12.8	5.5	5.1	5.6	5.6	-0.032	0.000	0.028	0.000
20:30:00	14.7	12.6	16.7	14.7	5.7	5.0	6.0	5.7	-0.044	0.000	0.031	0.000
20:45:00	15.6	14.2	14.5	14.4	5.6	5.2	5.7	5.5	-0.058	0.000	0.030	0.000
21:00:00	15.7	12.7	17.2	14.4	5.6	5.1	5.7	5.6	-0.065	0.000	0.024	0.000
21:15:00	15.9	13.4	18.0	14.7	5.7	5.1	5.9	5.8	-0.072	0.000	0.015	0.000
21:30:00	22.7	13.5	17.2	14.8	6.3	5.0	6.0	5.7	-0.076	0.000	0.006	0.000
21:45:00	16.5	13.8	22.5	19.3	6.0	5.2	6.7	6.4	-0.080	0.000	0.000	0.000
22:00:00	16.7	13.3	18.5	16.6	5.8	5.1	6.4	6.0	-0.082	0.000	0.000	0.000
22:15:00	15.5	13.9	19.1	15.1	5.9	5.2	5.8	6.1	-0.080	0.000	0.000	0.000
22:30:00	16.1	14.0	17.8	16.3	5.9	5.1	6.1	6.0	-0.079	0.000	0.000	0.000
22:45:00	15.6	14.6	21.2	17.0	5.9	5.3	6.0	6.8	-0.078	0.000	0.000	0.000
23:00:00	16.0	15.3	23.8	16.9	6.0	5.5	6.2	7.3	-0.078	0.000	0.000	0.000
23:15:00	16.3	16.0	15.5	15.1	6.0	5.6	6.1	5.7	-0.075	0.000	0.000	0.000
23:30:00	17.5	15.5	18.4	15.4	6.1	5.6	6.1	6.2	-0.075	0.000	0.000	0.000
23:45:00	17.7	15.7	22.0	15.9	6.0	5.6	6.1	7.0	-0.072	0.000	0.000	0.000



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