



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-11

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 46.91	2943 ESE	2995 SE	2996 E	2997 NW	Min : 73.40 Max : 97.88	Min : 57.60 Max : 98.70	Min : 29.97 Max : 30.16

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	15.8	32.5	5.1	13.6	0.012	0.106
2995	13.2	30.3	4.5	11.5	0.015	0.075
2996	16.4	35.7	5.6	13.4	0.002	0.020
2997	23.8	66.0	5.7	14.1	0.009	0.043

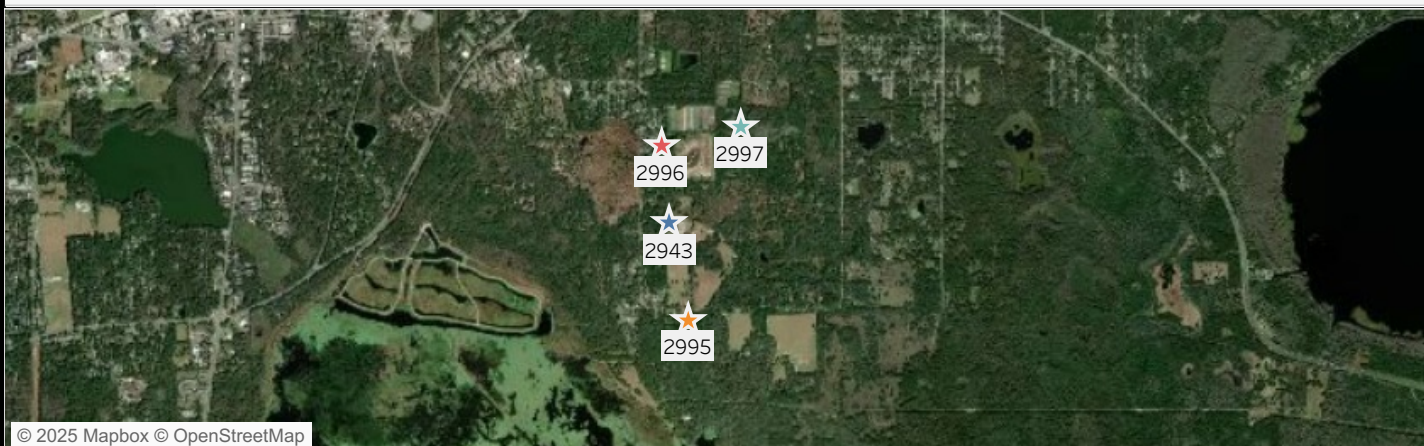


Figure 1 : Monitoring Locations

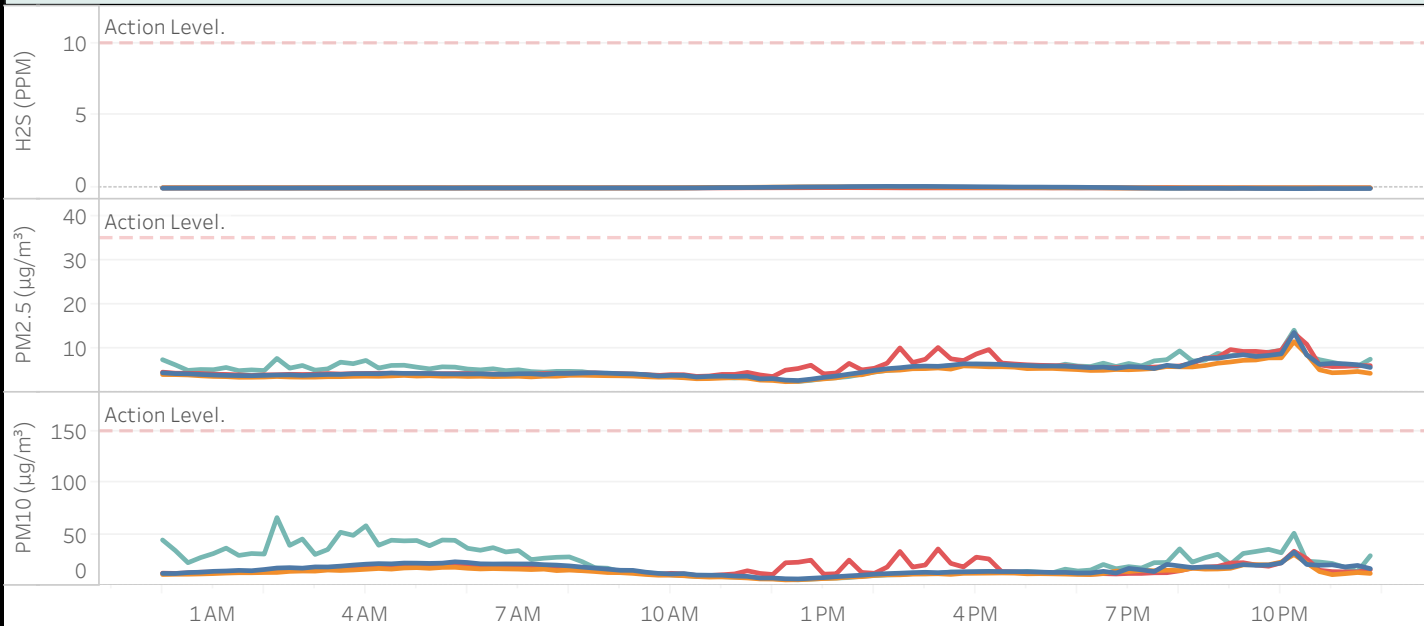


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

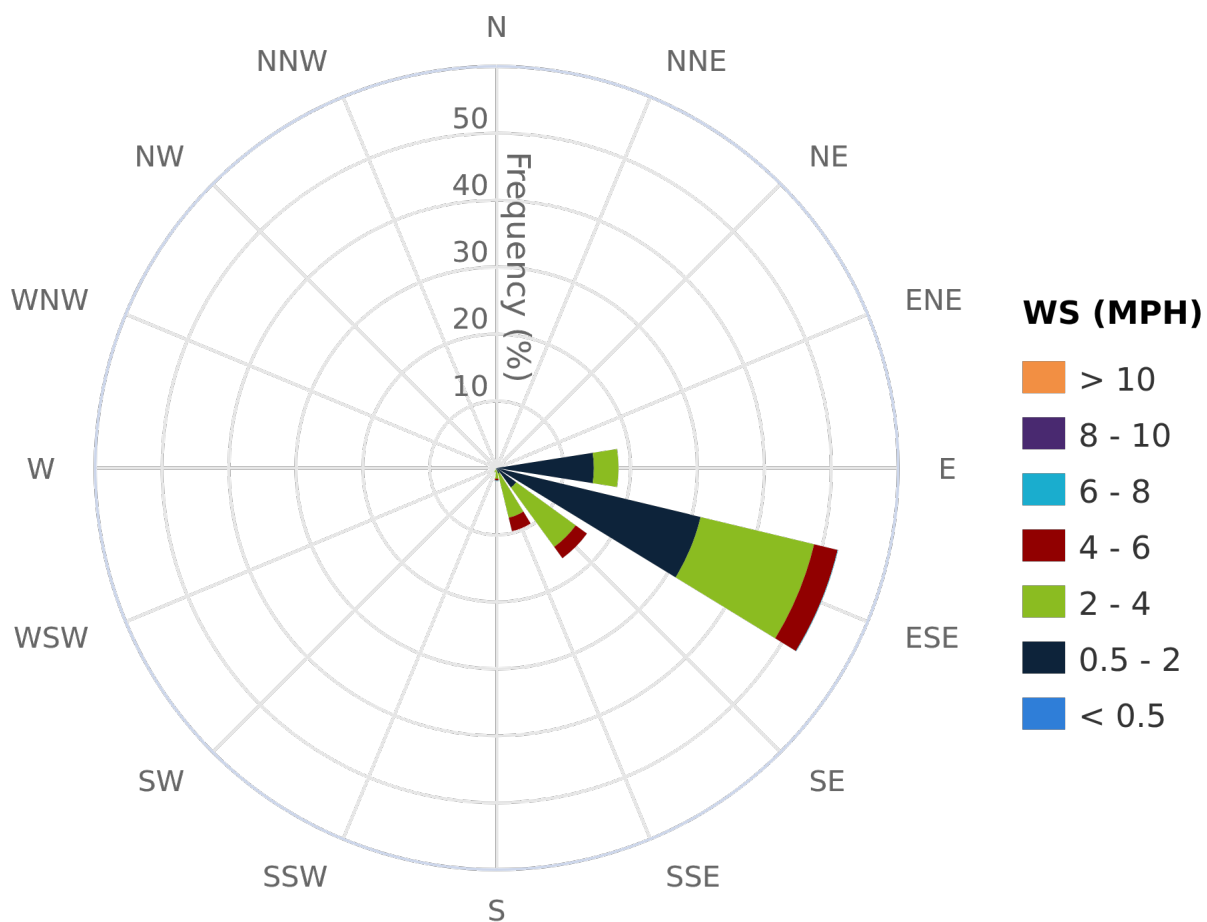


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

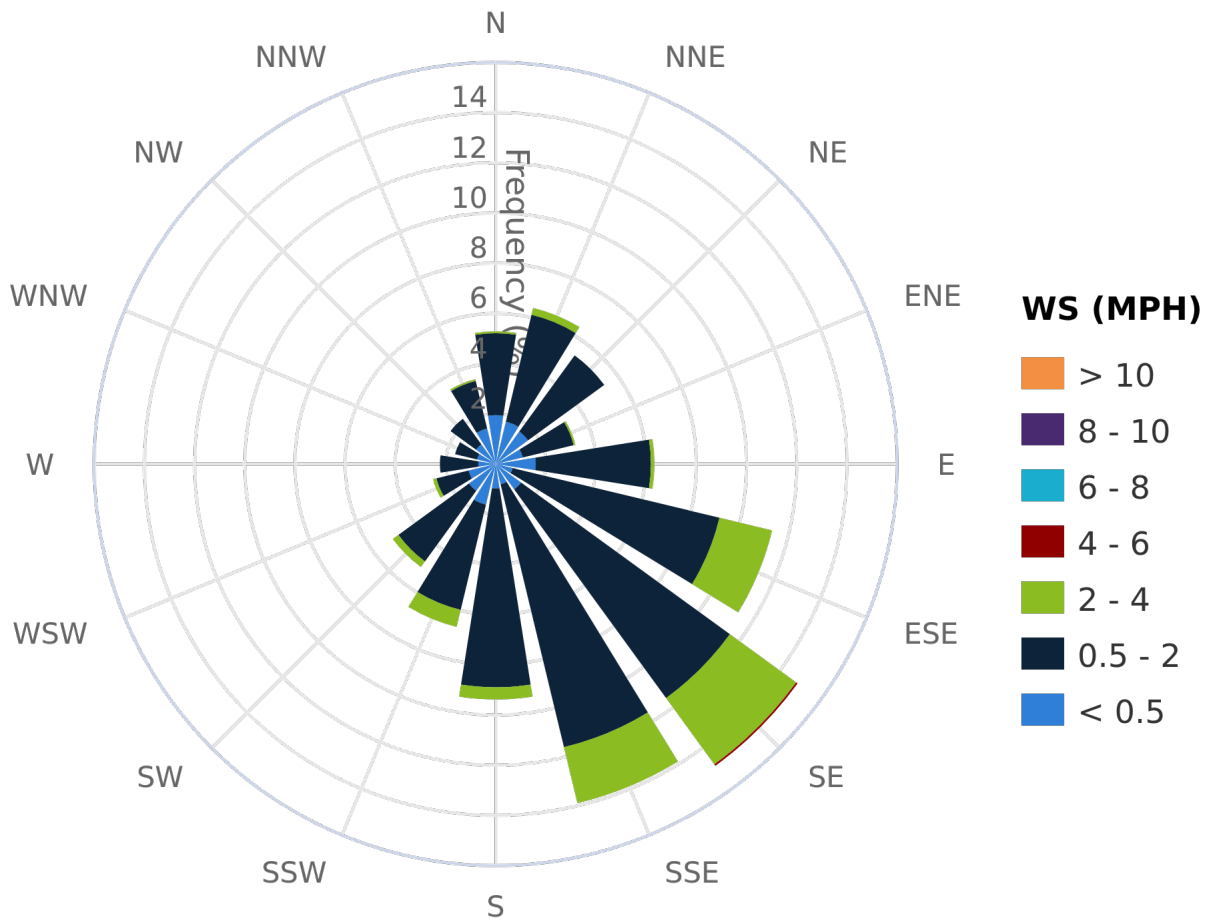


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

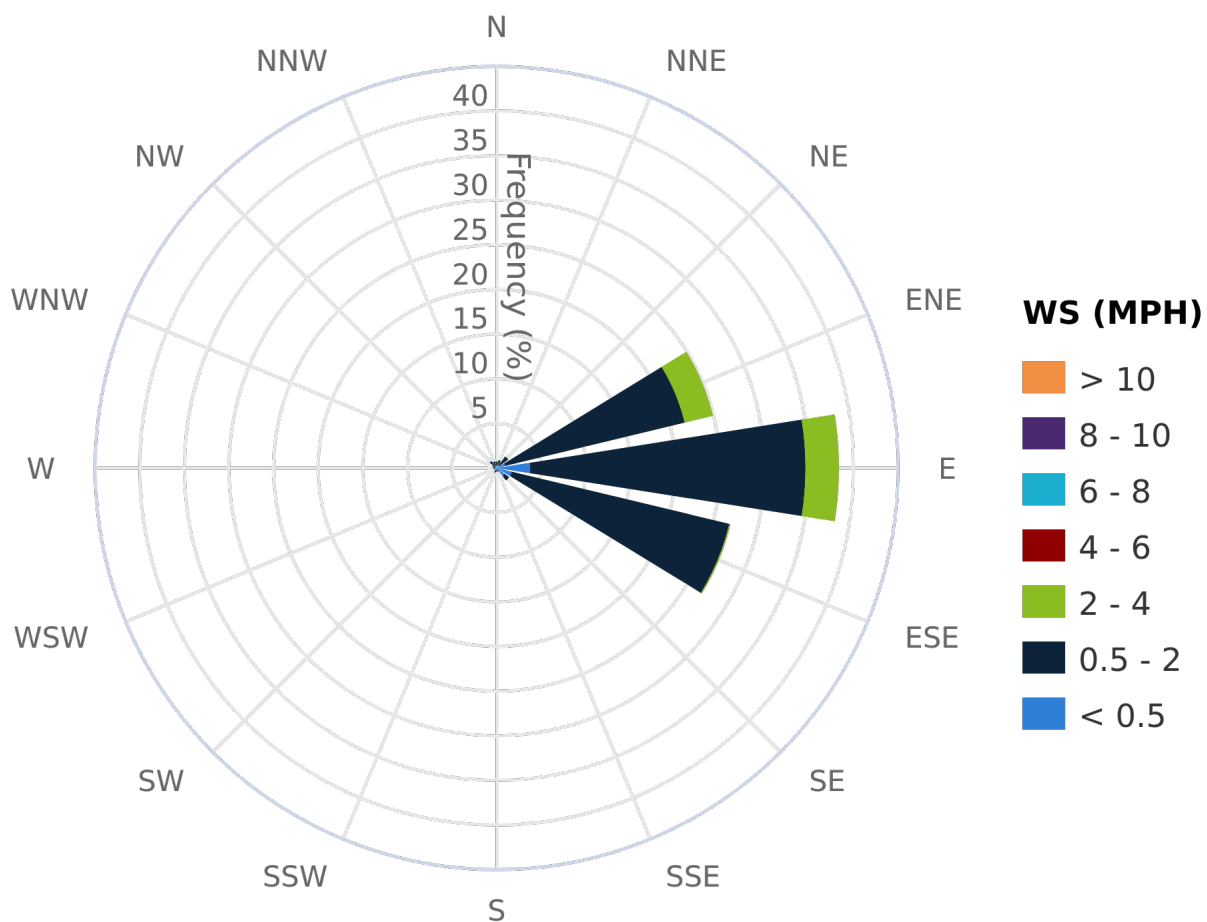


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

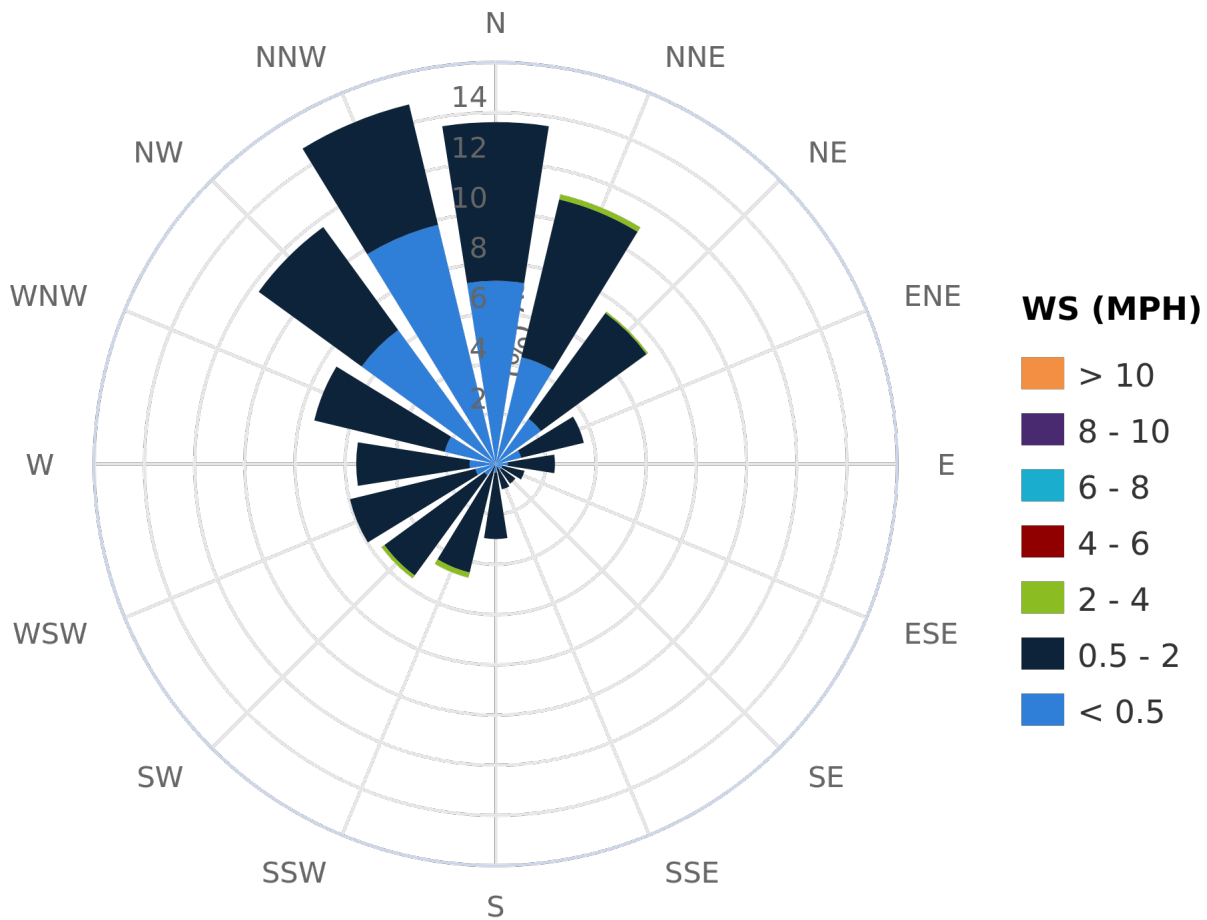


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.0	10.9	44.3	12.2	4.5	4.1	4.6	7.4	-0.021	0.000	0.000	0.000
00:15:00	11.9	11.2	34.2	12.0	4.3	4.1	4.4	6.3	-0.017	0.000	0.000	0.000
00:30:00	12.8	11.2	22.3	12.5	4.2	4.0	4.4	5.0	-0.017	0.000	0.000	0.000
00:45:00	13.2	11.4	27.3	13.1	4.1	3.8	4.3	5.2	-0.016	0.000	0.000	0.000
01:00:00	14.0	11.8	31.2	13.2	4.0	3.7	4.2	5.2	-0.015	0.000	0.000	0.000
01:15:00	14.3	12.3	36.5	13.8	3.9	3.6	4.1	5.7	-0.014	0.000	0.000	0.000
01:30:00	14.9	12.6	29.4	13.7	3.9	3.5	4.0	5.0	-0.013	0.000	0.000	0.000
01:45:00	14.6	12.6	31.2	13.5	3.8	3.5	3.9	5.1	-0.010	0.000	0.000	0.000
02:00:00	15.7	12.8	30.7	14.1	3.9	3.5	4.0	5.0	-0.011	0.000	0.001	0.000
02:15:00	17.2	12.9	66.0	15.1	4.0	3.6	4.0	7.7	-0.012	0.000	0.001	0.000
02:30:00	17.5	14.0	39.1	16.0	4.0	3.5	4.1	5.5	-0.012	0.000	0.000	0.000
02:45:00	17.1	14.3	45.3	16.4	3.9	3.5	4.1	6.1	-0.009	0.000	0.001	0.000
03:00:00	18.3	14.2	30.3	16.4	4.0	3.5	4.1	5.1	-0.009	0.000	0.001	0.000
03:15:00	18.2	15.2	35.1	17.0	4.1	3.6	4.3	5.4	-0.010	0.000	0.000	0.000
03:30:00	19.0	14.8	51.8	17.0	4.1	3.6	4.2	6.9	-0.008	0.000	0.001	0.000
03:45:00	20.0	15.3	48.8	16.8	4.3	3.7	4.3	6.5	-0.007	0.000	0.001	0.000
04:00:00	20.9	16.0	58.1	18.3	4.3	3.7	4.3	7.3	-0.006	0.000	0.001	0.000
04:15:00	21.5	16.7	39.3	18.6	4.3	3.7	4.4	5.6	-0.006	0.000	0.002	0.000
04:30:00	21.2	16.1	44.1	18.5	4.4	3.8	4.4	6.1	-0.006	0.000	0.002	0.000
04:45:00	22.0	17.2	43.5	19.1	4.3	3.9	4.3	6.2	-0.007	0.000	0.002	0.000
05:00:00	21.9	17.6	43.8	18.3	4.3	3.7	4.3	5.8	-0.006	0.000	0.001	0.000
05:15:00	21.7	16.9	38.8	18.5	4.3	3.8	4.3	5.4	-0.005	0.000	0.000	0.000
05:30:00	21.9	17.8	44.3	18.6	4.3	3.7	4.3	5.8	-0.007	0.000	0.003	0.000
05:45:00	23.2	17.9	44.0	20.4	4.2	3.7	4.3	5.8	-0.009	0.000	0.000	0.000
06:00:00	22.5	16.9	36.3	19.4	4.2	3.7	4.3	5.3	-0.005	0.000	0.000	0.000
06:15:00	21.3	16.3	34.4	17.2	4.2	3.7	4.2	5.1	-0.005	0.000	0.000	0.000
06:30:00	21.1	16.6	36.9	17.7	4.1	3.6	4.2	5.4	-0.005	0.000	0.000	0.000
06:45:00	21.2	16.4	32.7	17.4	4.1	3.7	4.1	5.0	-0.006	0.000	0.000	0.000
07:00:00	21.1	16.1	34.1	17.9	4.3	3.7	4.1	5.2	-0.006	0.000	0.000	0.000
07:15:00	21.1	15.7	25.3	18.2	4.3	3.6	4.2	4.8	-0.004	0.000	0.000	0.000
07:30:00	20.4	16.1	26.7	17.9	4.1	3.7	4.3	4.6	-0.004	0.001	0.000	0.000
07:45:00	20.0	14.7	27.6	17.1	4.3	3.7	4.3	4.8	-0.004	0.000	0.000	0.000
08:00:00	19.2	15.2	27.9	16.0	4.3	3.9	4.4	4.8	-0.004	0.000	0.000	0.000
08:15:00	18.1	14.6	23.4	15.1	4.4	3.9	4.4	4.7	-0.005	0.000	0.000	0.000
08:30:00	17.1	13.8	17.5	14.8	4.5	3.9	4.5	4.4	-0.006	0.000	0.000	0.000
08:45:00	16.1	12.8	17.0	13.9	4.4	3.8	4.3	4.4	-0.002	0.000	0.000	0.000
09:00:00	15.0	12.7	13.7	13.3	4.3	3.8	4.3	4.1	-0.001	0.000	0.000	0.000
09:15:00	14.9	12.0	13.4	12.9	4.2	3.7	4.2	4.1	-0.003	0.000	0.000	0.000
09:30:00	13.2	10.9	12.5	12.3	4.1	3.6	4.1	4.0	-0.002	0.000	0.000	0.000
09:45:00	12.0	10.2	11.8	11.1	3.8	3.5	3.9	3.9	-0.003	0.001	0.000	0.000
10:00:00	11.4	10.2	10.6	12.1	3.9	3.5	4.1	3.7	-0.002	0.004	0.000	0.000
10:15:00	11.8	9.7	9.9	11.5	3.9	3.4	4.0	3.6	0.002	0.005	0.000	0.001
10:30:00	10.4	8.9	9.0	10.0	3.5	3.1	3.7	3.4	0.003	0.011	0.001	0.006
10:45:00	10.2	8.4	9.0	9.9	3.7	3.2	3.8	3.5	0.013	0.025	0.002	0.012
11:00:00	10.2	8.6	8.7	10.6	3.7	3.3	4.1	3.5	0.020	0.031	0.002	0.017
11:15:00	9.4	8.1	8.5	11.5	3.7	3.4	4.1	3.3	0.024	0.036	0.003	0.020
11:30:00	9.1	7.6	8.1	14.5	3.7	3.3	4.6	3.5	0.025	0.041	0.008	0.025
11:45:00	7.5	6.6	7.6	11.9	3.1	2.8	4.0	3.4	0.033	0.047	0.007	0.026



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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	7.5	6.5	7.0	10.9	3.2	2.8	3.6	3.0	0.043	0.056	0.009	0.026
12:15:00	6.8	5.7	6.2	22.3	2.8	2.5	5.1	2.7	0.051	0.059	0.011	0.033
12:30:00	6.6	5.9	5.8	22.8	2.7	2.5	5.5	2.5	0.064	0.067	0.011	0.040
12:45:00	7.3	6.4	6.4	24.8	3.0	2.9	6.2	2.8	0.068	0.070	0.016	0.042
13:00:00	7.9	7.0	7.1	11.2	3.4	3.1	4.2	3.2	0.075	0.072	0.018	0.040
13:15:00	8.8	7.4	7.5	11.6	3.8	3.3	4.4	3.4	0.077	0.070	0.020	0.043
13:30:00	9.6	8.5	8.0	24.9	4.2	4.0	6.6	3.6	0.091	0.069	0.018	0.043
13:45:00	10.3	8.8	9.1	12.9	4.6	4.0	5.1	4.2	0.096	0.075	0.016	0.042
14:00:00	11.2	10.0	9.8	12.1	5.0	4.7	5.5	4.7	0.100	0.074	0.013	0.038
14:15:00	11.8	10.6	10.5	18.1	5.4	5.0	6.7	5.0	0.106	0.065	0.009	0.041
14:30:00	12.2	10.6	10.8	33.2	5.6	5.1	10.1	5.2	0.102	0.070	0.003	0.037
14:45:00	12.7	11.3	11.8	18.1	5.9	5.4	6.8	5.6	0.103	0.066	0.000	0.039
15:00:00	13.1	11.5	11.6	20.1	6.0	5.4	7.5	5.6	0.104	0.062	0.000	0.038
15:15:00	12.7	11.6	11.9	35.7	5.9	5.6	10.2	5.8	0.099	0.050	0.000	0.033
15:30:00	13.2	11.0	13.3	21.7	6.2	5.3	7.6	6.1	0.093	0.044	0.000	0.031
15:45:00	13.5	12.0	13.1	18.2	6.5	6.0	7.2	6.3	0.087	0.047	0.000	0.028
16:00:00	13.7	12.1	13.5	27.7	6.5	6.0	8.7	6.4	0.080	0.042	0.000	0.022
16:15:00	13.9	12.3	14.0	26.0	6.5	5.8	9.7	6.4	0.075	0.033	0.000	0.018
16:30:00	13.8	12.4	13.1	13.7	6.4	5.9	6.7	6.2	0.069	0.026	0.000	0.024
16:45:00	13.7	12.3	13.1	13.4	6.2	5.8	6.5	6.1	0.060	0.030	0.000	0.021
17:00:00	13.6	11.6	14.0	12.7	6.1	5.4	6.3	6.1	0.058	0.027	0.000	0.018
17:15:00	13.2	11.7	13.2	13.0	6.0	5.5	6.2	5.9	0.057	0.022	0.000	0.015
17:30:00	12.9	11.6	12.6	12.3	6.0	5.5	6.1	5.8	0.052	0.012	0.000	0.013
17:45:00	12.9	11.3	16.1	12.3	6.0	5.3	6.1	6.4	0.050	0.018	0.000	0.011
18:00:00	12.3	11.0	14.3	11.9	5.8	5.2	5.8	6.0	0.045	0.015	0.000	0.005
18:15:00	12.4	10.8	15.2	11.3	5.6	5.0	5.7	5.9	0.037	0.017	0.000	0.007
18:30:00	14.0	11.8	20.6	11.7	5.8	5.0	5.6	6.7	0.028	0.010	0.000	0.006
18:45:00	12.3	14.2	16.4	11.4	5.5	5.2	5.7	5.9	0.022	0.001	0.000	0.001
19:00:00	16.8	13.7	18.5	11.9	5.9	5.2	5.7	6.6	0.007	0.000	0.000	0.000
19:15:00	15.4	14.9	17.1	12.0	5.8	5.3	5.6	6.0	-0.009	0.000	0.001	0.000
19:30:00	13.7	14.5	22.4	12.6	5.5	5.5	5.8	7.2	-0.020	0.000	0.010	0.000
19:45:00	20.7	15.1	22.6	12.7	6.2	5.9	5.9	7.4	-0.029	0.000	0.019	0.000
20:00:00	19.1	14.7	35.7	14.5	5.9	5.8	6.0	9.4	-0.029	0.000	0.010	0.000
20:15:00	17.6	16.9	22.9	17.2	6.9	5.8	6.6	7.1	-0.025	0.000	0.002	0.000
20:30:00	18.3	16.1	27.1	18.0	7.7	6.1	7.8	7.3	-0.026	0.000	0.000	0.000
20:45:00	18.0	16.3	30.5	18.7	7.8	6.6	8.0	8.9	-0.030	0.000	0.005	0.000
21:00:00	18.3	16.9	20.8	22.0	8.2	6.9	9.7	8.3	-0.035	0.000	0.000	0.000
21:15:00	20.5	20.2	31.3	22.3	8.6	7.3	9.3	8.9	-0.031	0.000	0.001	0.000
21:30:00	19.8	20.4	33.2	20.1	8.2	7.4	9.3	8.9	-0.039	0.000	0.000	0.000
21:45:00	20.1	20.3	35.3	18.9	8.4	7.9	9.0	9.1	-0.042	0.000	0.000	0.000
22:00:00	22.1	22.9	32.0	22.2	8.8	7.9	9.6	9.6	-0.043	0.000	0.000	0.000
22:15:00	32.5	30.3	50.9	33.5	13.6	11.5	13.4	14.1	-0.047	0.000	0.000	0.000
22:30:00	20.6	21.9	23.8	26.3	8.5	8.6	10.9	8.5	-0.047	0.000	0.000	0.000
22:45:00	19.8	13.8	23.0	15.0	6.4	5.2	6.3	7.4	-0.040	0.000	0.000	0.000
23:00:00	20.3	10.8	21.6	13.7	6.6	4.5	5.9	6.9	-0.042	0.000	0.000	0.000
23:15:00	18.3	11.7	17.9	13.4	6.5	4.6	5.9	6.3	-0.045	0.000	0.000	0.000
23:30:00	19.7	12.8	13.8	13.4	6.3	4.8	6.1	6.0	-0.043	0.000	0.000	0.000
23:45:00	16.6	11.9	29.1	15.5	5.7	4.4	6.1	7.6	-0.041	0.000	0.000	0.000



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