



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-04

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 13.01	2943 ESE	2995 NE	2996 E	2997 W	Min : 74.12 Max : 100.8	Min : 55.60 Max : 97.00	Min : 29.93 Max : 30.15

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	24.4	49.1	6.4	8.6	0.014	0.125
2995	18.6	35.4	5.8	8.1	0.015	0.085
2996	21.6	40.5	6.5	10.5	0.009	0.049
2997	35.6	92.3	6.9	9.5	0.010	0.064

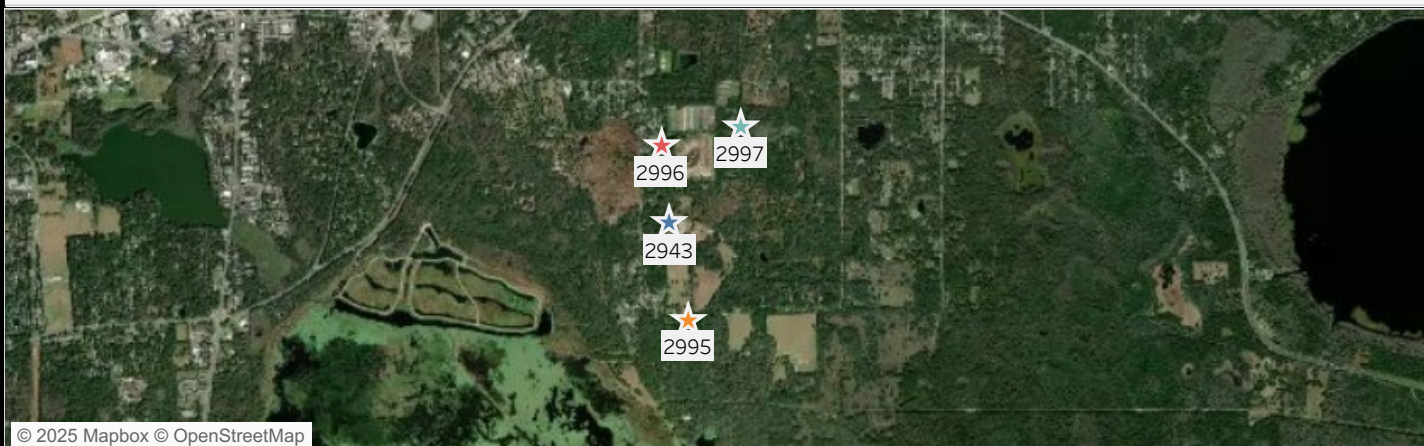


Figure 1 : Monitoring Locations

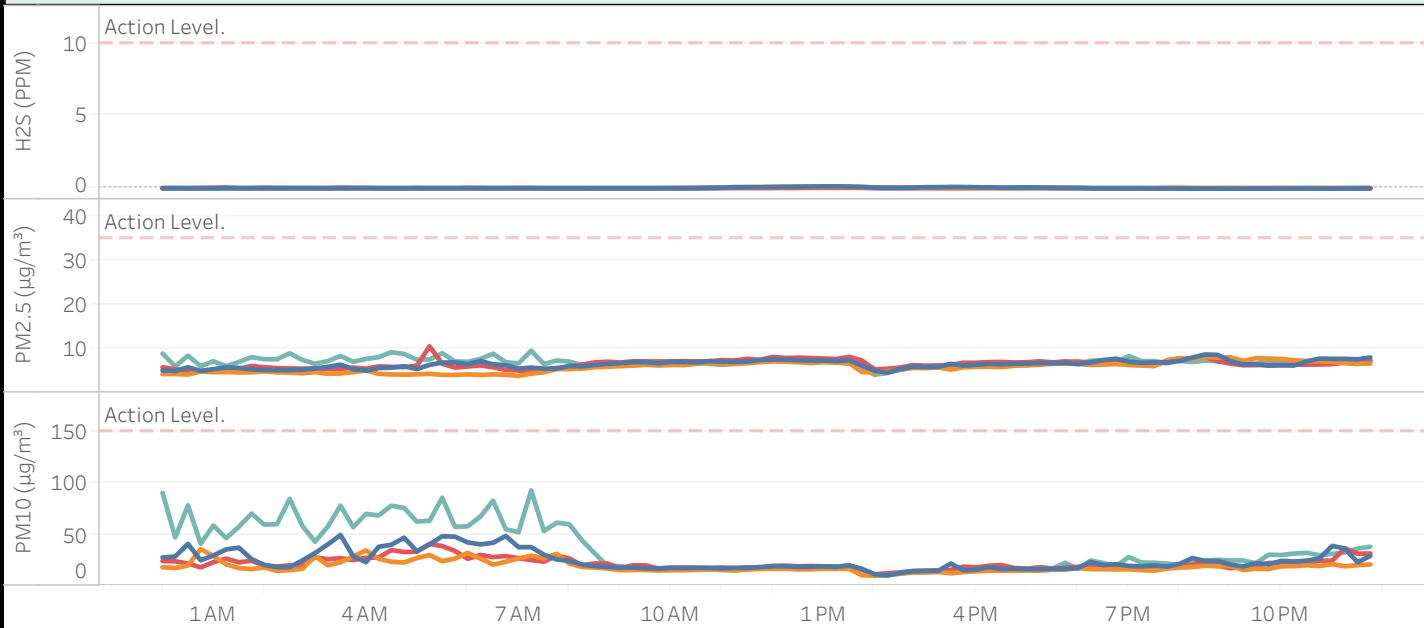


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

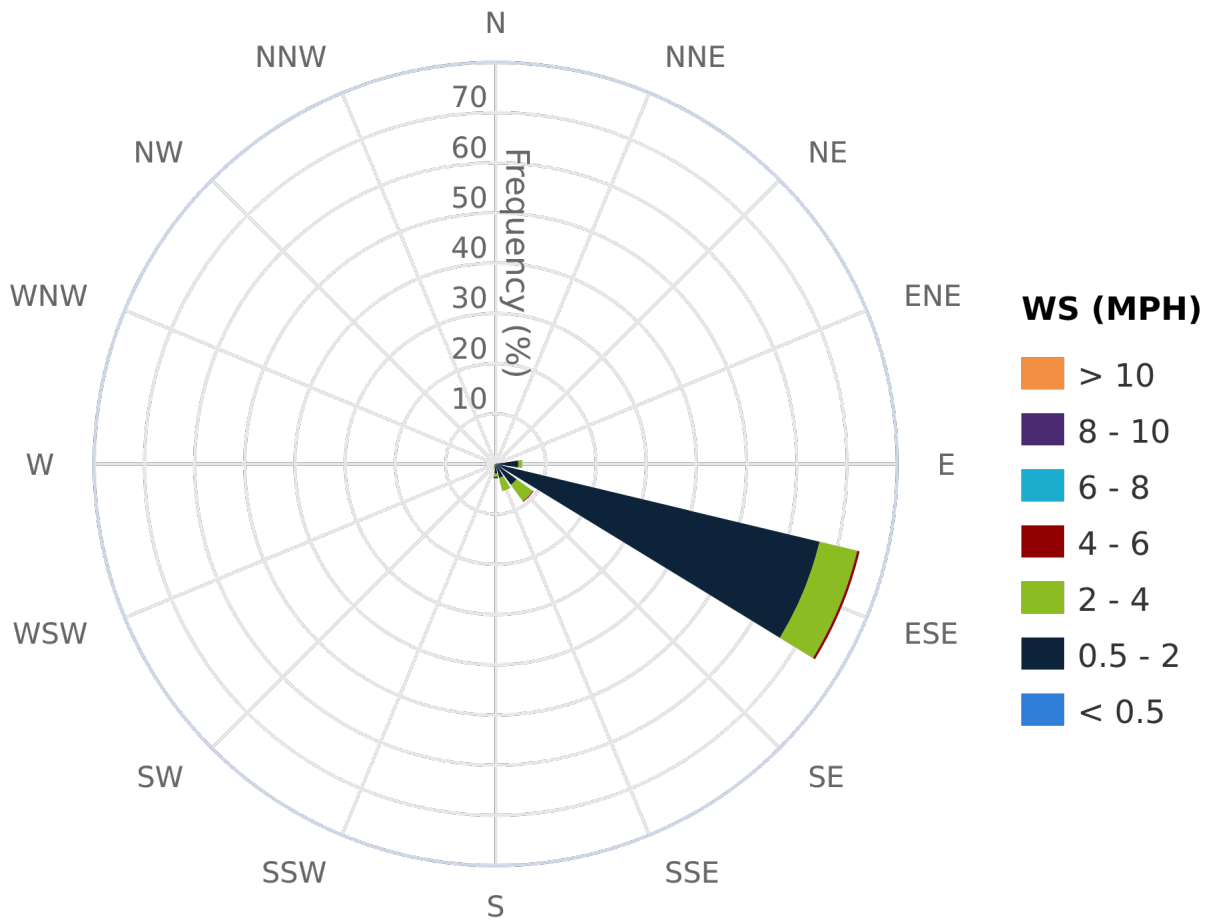


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

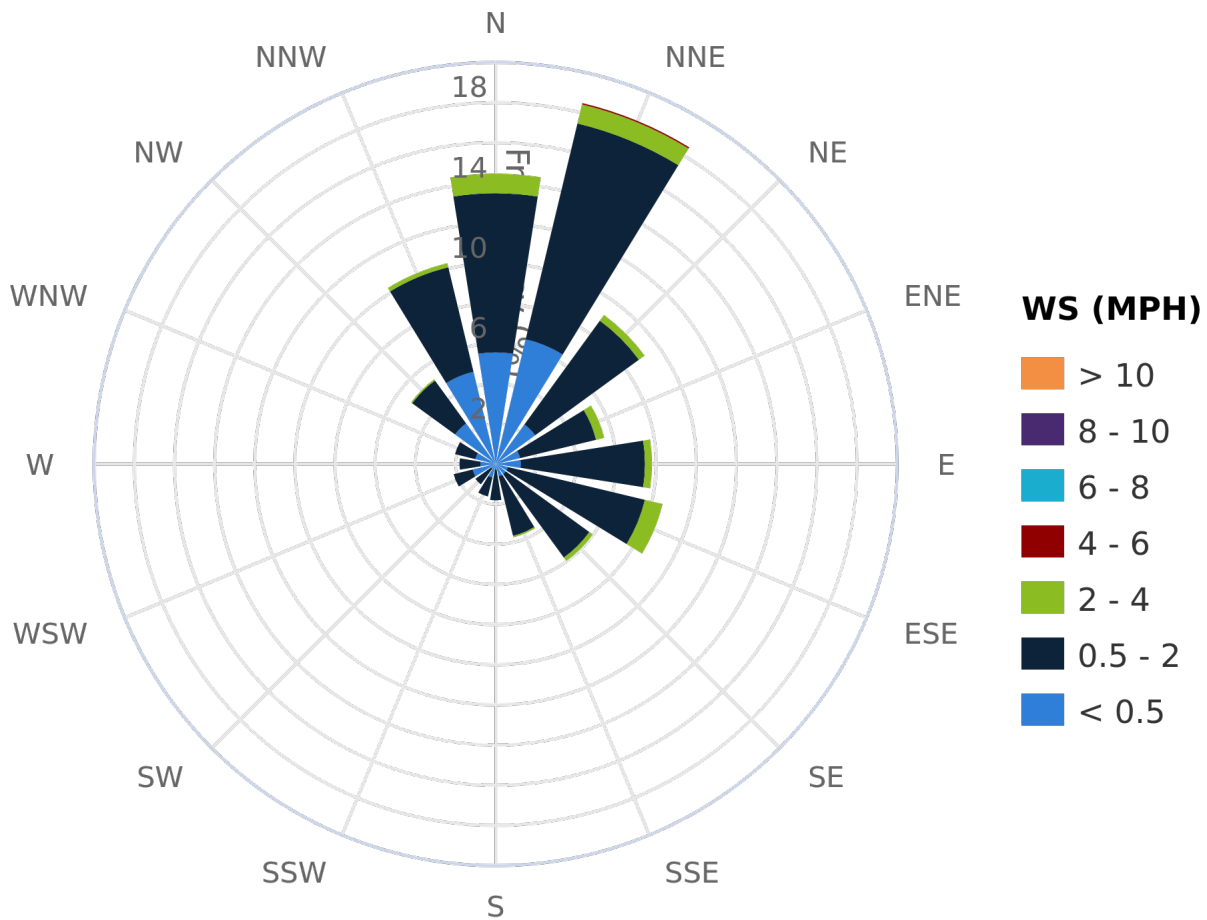


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

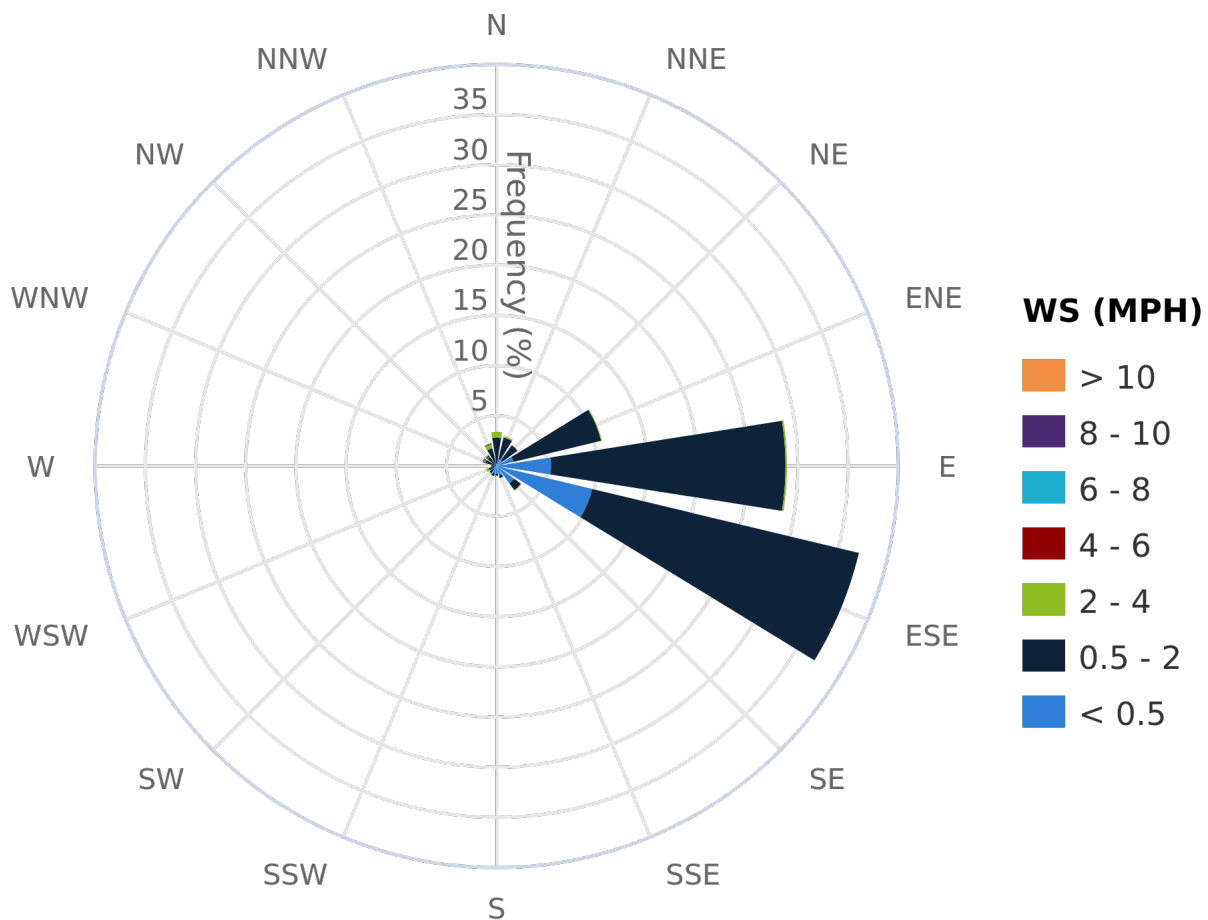


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

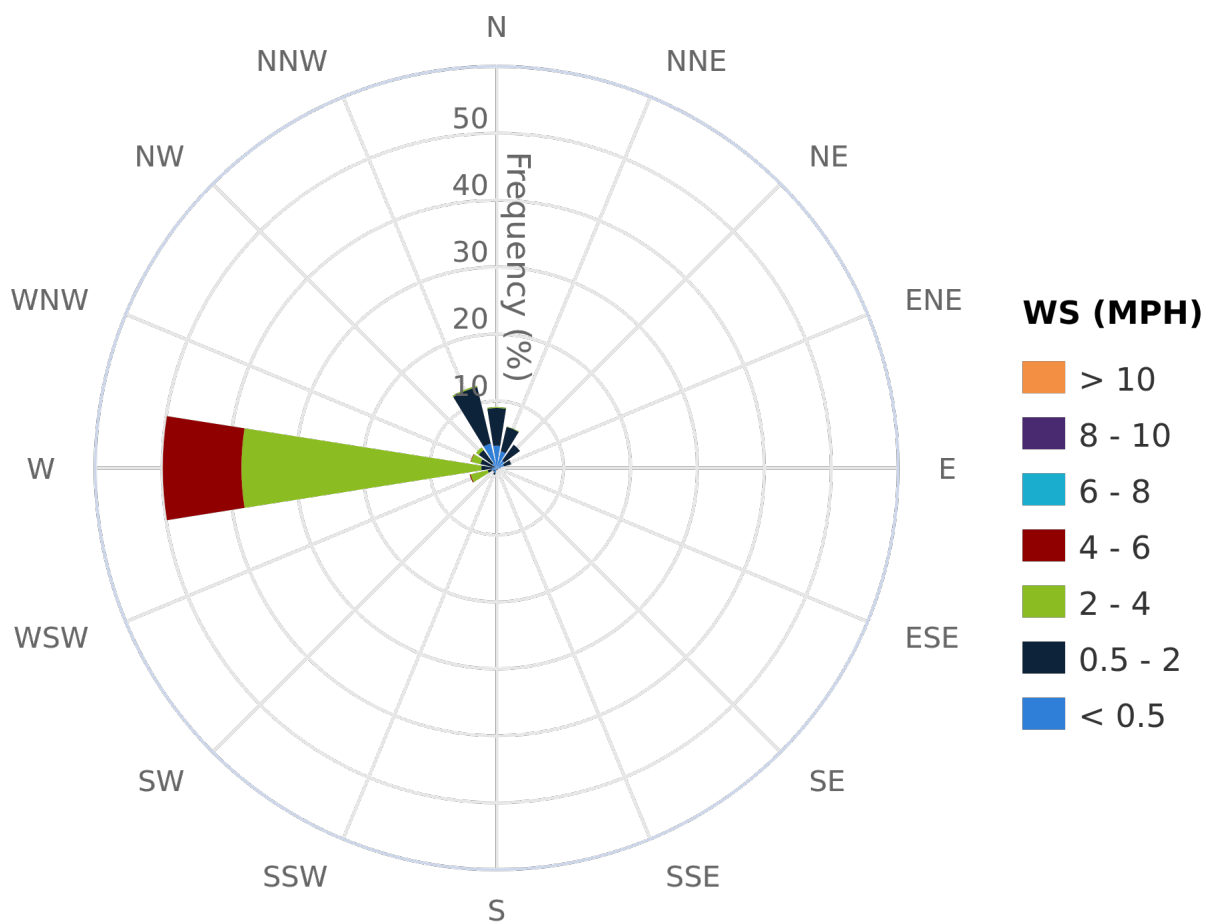


Figure 3 : Wind Rose Chart (WS in MPH)



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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	27.3	18.0	90.0	23.9	5.0	4.2	5.7	8.8	-0.006	0.000	0.005	0.000
00:15:00	28.3	17.2	46.8	23.7	4.9	4.2	5.3	5.9	-0.006	0.000	0.017	0.000
00:30:00	40.6	19.6	77.9	21.5	5.7	4.1	4.9	8.4	-0.005	0.000	0.002	0.000
00:45:00	24.6	35.4	40.7	17.8	4.9	4.8	4.8	6.0	-0.004	0.000	0.016	0.000
01:00:00	29.4	28.8	58.3	22.9	5.3	4.6	5.1	7.1	-0.003	0.000	0.023	0.000
01:15:00	35.2	20.7	46.1	26.3	5.7	4.7	5.2	6.0	-0.001	0.000	0.049	0.000
01:30:00	36.9	17.2	57.0	22.7	5.6	4.6	5.4	6.9	-0.001	0.000	0.005	0.000
01:45:00	25.8	16.2	69.9	24.2	5.2	4.6	6.0	8.0	-0.001	0.000	0.013	0.000
02:00:00	20.3	17.8	59.3	19.7	5.1	4.8	5.7	7.6	-0.003	0.000	0.032	0.000
02:15:00	18.1	14.4	59.5	18.7	5.1	4.6	5.5	7.5	-0.002	0.002	0.018	0.000
02:30:00	18.0	15.2	84.2	19.8	5.1	4.5	5.5	8.9	-0.001	0.001	0.016	0.000
02:45:00	24.6	16.5	57.9	20.1	5.2	4.4	5.4	7.4	-0.002	0.000	0.007	0.000
03:00:00	31.7	28.6	42.7	27.5	5.4	4.7	5.5	6.5	-0.002	0.000	0.009	0.000
03:15:00	40.1	19.8	57.5	25.7	5.8	4.2	5.3	7.1	-0.002	0.000	0.008	0.000
03:30:00	49.1	22.7	77.7	26.7	6.3	4.3	5.3	8.3	0.001	0.001	0.037	0.000
03:45:00	28.5	28.6	56.7	24.9	5.3	4.6	5.6	7.0	-0.002	0.001	0.020	0.000
04:00:00	22.8	34.1	69.7	27.1	5.0	5.0	5.4	7.6	0.000	0.000	0.024	0.000
04:15:00	37.8	26.1	68.1	27.4	5.6	4.2	5.9	8.0	-0.002	0.000	0.001	0.001
04:30:00	39.7	23.3	77.6	34.6	5.6	4.1	5.8	9.1	-0.002	0.000	0.001	0.001
04:45:00	46.6	22.5	75.4	32.7	6.0	4.1	5.8	8.7	-0.003	0.000	0.000	0.001
05:00:00	33.6	26.8	62.2	32.9	5.3	4.1	6.1	7.4	-0.002	0.000	0.017	0.001
05:15:00	40.0	29.9	62.9	40.5	6.3	4.3	10.5	7.5	-0.001	0.000	0.003	0.000
05:30:00	48.0	23.8	85.3	38.4	6.8	4.0	6.5	8.9	0.001	0.000	0.001	0.000
05:45:00	47.5	26.3	57.0	33.7	6.8	4.0	5.7	7.1	-0.001	0.000	0.004	0.000
06:00:00	42.0	31.8	57.6	26.1	6.4	4.1	5.9	7.0	0.000	0.000	0.025	0.000
06:15:00	40.1	26.4	67.0	29.8	7.1	4.0	6.2	7.6	-0.001	0.001	0.014	0.001
06:30:00	41.6	20.5	82.5	27.8	6.4	4.1	5.7	8.8	-0.001	0.001	0.002	0.001
06:45:00	48.3	23.3	54.8	28.8	6.2	4.1	5.1	6.9	-0.001	0.000	0.000	0.003
07:00:00	37.4	26.5	51.8	26.7	5.4	3.8	5.0	6.6	0.001	0.000	0.021	0.000
07:15:00	37.4	29.1	92.3	24.9	5.7	4.3	4.9	9.5	-0.001	0.000	0.015	0.000
07:30:00	30.1	26.5	53.0	23.3	5.4	4.6	5.2	6.4	-0.002	0.000	0.000	0.000
07:45:00	25.5	30.9	61.1	29.1	5.4	5.3	5.6	7.3	-0.002	0.000	0.000	0.000
08:00:00	24.0	21.5	59.5	26.6	6.0	5.4	5.8	7.0	-0.002	0.000	0.000	0.000
08:15:00	20.5	18.2	43.9	19.7	5.9	5.4	6.3	6.2	-0.004	0.000	0.000	0.000
08:30:00	19.1	17.7	31.3	21.6	6.2	5.7	6.8	6.2	-0.003	0.000	0.000	0.000
08:45:00	18.2	16.7	19.2	21.5	6.5	5.9	7.0	6.5	-0.003	0.000	0.000	0.000
09:00:00	17.5	15.1	19.0	17.1	6.6	6.0	6.8	6.6	-0.002	0.000	0.000	0.000
09:15:00	17.6	15.2	16.9	19.8	6.9	6.1	7.1	6.7	-0.004	0.003	0.000	0.000
09:30:00	17.0	15.3	16.7	19.7	6.9	6.3	7.0	6.7	-0.006	0.007	0.000	0.000
09:45:00	16.5	14.8	16.6	16.8	6.6	6.1	7.0	6.7	-0.003	0.009	0.000	0.000
10:00:00	17.3	15.0	16.1	17.6	7.0	6.2	7.1	6.6	-0.002	0.018	0.000	0.000
10:15:00	17.2	15.0	17.9	17.4	6.9	6.2	7.1	6.9	-0.001	0.024	0.000	0.000
10:30:00	17.4	15.4	16.1	17.4	6.9	6.5	7.1	6.6	0.003	0.033	0.000	0.000
10:45:00	17.4	15.7	16.3	16.9	7.1	6.8	7.1	6.5	0.021	0.045	0.001	0.015
11:00:00	16.8	15.4	15.3	17.8	7.0	6.5	7.4	6.3	0.037	0.058	0.006	0.032
11:15:00	17.2	14.8	15.5	17.1	7.0	6.5	7.3	6.5	0.065	0.073	0.011	0.043
11:30:00	17.3	15.7	16.2	17.8	7.0	6.7	7.6	6.8	0.068	0.076	0.009	0.045
11:45:00	18.1	16.3	16.9	17.5	7.4	6.9	7.4	7.1	0.069	0.079	0.009	0.042



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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	18.8	16.5	17.1	19.3	7.5	7.1	8.1	7.2	0.086	0.083	0.013	0.050
12:15:00	18.9	16.4	17.4	19.5	7.5	7.0	7.8	7.1	0.101	0.083	0.015	0.054
12:30:00	18.3	15.9	16.8	18.8	7.3	6.9	7.9	7.0	0.108	0.085	0.017	0.057
12:45:00	18.4	15.9	16.8	19.1	7.3	6.7	7.8	6.9	0.117	0.082	0.022	0.055
13:00:00	18.7	16.4	17.2	18.8	7.3	6.9	7.7	7.1	0.123	0.081	0.021	0.064
13:15:00	18.3	16.4	17.0	18.5	7.1	6.8	7.6	6.8	0.125	0.075	0.023	0.061
13:30:00	19.7	16.4	18.4	19.5	7.3	6.7	8.1	6.5	0.115	0.067	0.023	0.056
13:45:00	16.4	10.2	15.5	16.0	6.1	4.7	7.3	5.7	0.092	0.074	0.024	0.056
14:00:00	11.2	9.8	9.6	11.1	5.0	4.5	5.3	4.0	0.037	0.064	0.001	0.051
14:15:00	10.1	10.5	9.9	12.1	4.5	4.8	5.4	4.4	0.023	0.048	0.000	0.041
14:30:00	12.5	11.8	11.8	13.0	5.3	5.1	5.7	5.2	0.027	0.037	0.000	0.034
14:45:00	14.0	12.8	13.4	14.3	5.9	5.6	6.2	5.7	0.036	0.034	0.000	0.032
15:00:00	14.5	12.8	13.5	14.5	5.8	5.5	6.1	5.6	0.067	0.035	0.000	0.035
15:15:00	14.4	13.3	14.3	15.0	5.8	5.7	6.1	5.7	0.070	0.028	0.000	0.033
15:30:00	21.5	12.1	14.8	15.3	6.5	5.2	6.3	5.9	0.085	0.017	0.000	0.026
15:45:00	15.0	13.3	15.6	18.5	6.1	5.7	6.8	6.1	0.080	0.013	0.001	0.031
16:00:00	15.7	14.0	15.3	17.7	6.3	5.8	6.7	6.0	0.066	0.028	0.009	0.020
16:15:00	18.1	14.5	15.8	19.4	6.5	5.9	6.9	6.2	0.055	0.013	0.019	0.011
16:30:00	16.1	14.5	15.1	20.0	6.4	5.8	6.9	6.2	0.036	0.003	0.022	0.011
16:45:00	16.5	14.5	16.0	17.1	6.5	6.1	6.8	6.3	0.041	0.001	0.021	0.006
17:00:00	16.0	14.8	15.7	16.6	6.6	6.2	6.9	6.2	0.051	0.011	0.021	0.005
17:15:00	16.1	14.6	18.1	17.6	6.7	6.3	7.1	6.7	0.041	0.009	0.026	0.003
17:30:00	16.4	15.6	16.7	16.3	6.6	6.5	6.8	6.6	0.030	0.003	0.022	0.004
17:45:00	16.4	15.7	22.2	17.6	6.7	6.6	7.0	7.1	0.020	0.000	0.019	0.006
18:00:00	17.2	17.3	16.3	18.4	6.5	6.5	7.0	6.5	0.022	0.000	0.012	0.002
18:15:00	22.9	16.1	24.4	18.7	6.8	6.3	6.8	7.2	-0.005	0.000	0.008	0.000
18:30:00	20.0	16.1	22.1	18.6	7.4	6.3	7.0	7.3	-0.016	0.000	0.004	0.000
18:45:00	20.9	15.8	19.0	17.8	7.7	6.5	7.2	6.8	-0.016	0.000	0.005	0.000
19:00:00	19.2	15.9	27.8	17.0	7.0	6.2	7.0	8.3	-0.014	0.000	0.006	0.000
19:15:00	18.7	15.1	22.5	16.6	6.7	6.1	6.7	7.1	-0.013	0.000	0.005	0.000
19:30:00	19.8	14.7	22.2	16.0	6.8	6.0	6.6	7.1	-0.019	0.000	0.000	0.000
19:45:00	18.6	16.6	21.5	18.8	6.8	7.3	6.8	6.7	-0.021	0.000	0.022	0.000
20:00:00	21.1	17.6	20.2	18.4	7.2	7.8	7.5	7.2	-0.022	0.000	0.021	0.000
20:15:00	26.9	18.1	22.1	20.3	7.9	7.6	7.8	6.9	-0.026	0.000	0.001	0.000
20:30:00	24.0	19.4	24.4	23.5	8.6	8.1	8.1	7.2	-0.027	0.000	0.000	0.000
20:45:00	24.0	18.9	25.1	19.6	8.5	7.9	7.1	7.1	-0.027	0.000	0.000	0.000
21:00:00	20.5	19.1	24.6	17.0	7.1	8.0	6.6	6.9	-0.026	0.000	0.004	0.000
21:15:00	18.7	15.3	24.5	18.8	6.4	7.2	6.2	6.5	-0.024	0.000	0.001	0.000
21:30:00	22.0	16.6	21.7	19.4	6.4	7.8	6.2	6.5	-0.023	0.000	0.002	0.000
21:45:00	20.7	16.2	30.1	22.0	6.1	7.7	6.3	7.4	-0.024	0.000	0.001	0.000
22:00:00	24.1	18.8	29.8	22.4	6.2	7.6	6.2	6.9	-0.022	0.000	0.006	0.000
22:15:00	23.5	19.0	31.2	23.3	6.1	7.3	6.3	6.6	-0.021	0.000	0.002	0.000
22:30:00	24.2	19.9	31.9	22.3	7.1	7.1	6.3	6.7	-0.021	0.000	0.008	0.000
22:45:00	26.4	19.1	29.6	24.3	7.7	7.1	6.4	6.8	-0.021	0.000	0.005	0.000
23:00:00	38.6	20.9	30.9	24.3	7.6	6.9	6.5	6.6	-0.020	0.000	0.000	0.000
23:15:00	36.0	18.9	32.2	36.3	7.6	6.6	6.8	6.8	-0.019	0.000	0.004	0.000
23:30:00	22.8	20.0	36.1	31.0	7.5	6.6	6.5	7.0	-0.020	0.000	0.013	0.000
23:45:00	28.9	20.6	37.8	31.3	7.9	6.6	7.3	7.1	-0.018	0.000	0.018	0.000



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