



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-14

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 6.353	2943 ESE	2995 N	2996 S	2997 NNW	Min : 63.32 Max : 98.78	Min : 40.70 Max : 87.30	Min : 29.87 Max : 30.11

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³		PM2.5 : 35 µg/m ³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	21.1	183.2	7.0	19.5	-0.068	0.044
2995	11.7	17.4	6.3	9.3	0.004	0.040
2996	12.4	18.0	6.2	8.5	0.003	0.036
2997	11.7	19.3	5.9	8.1	0.002	0.022

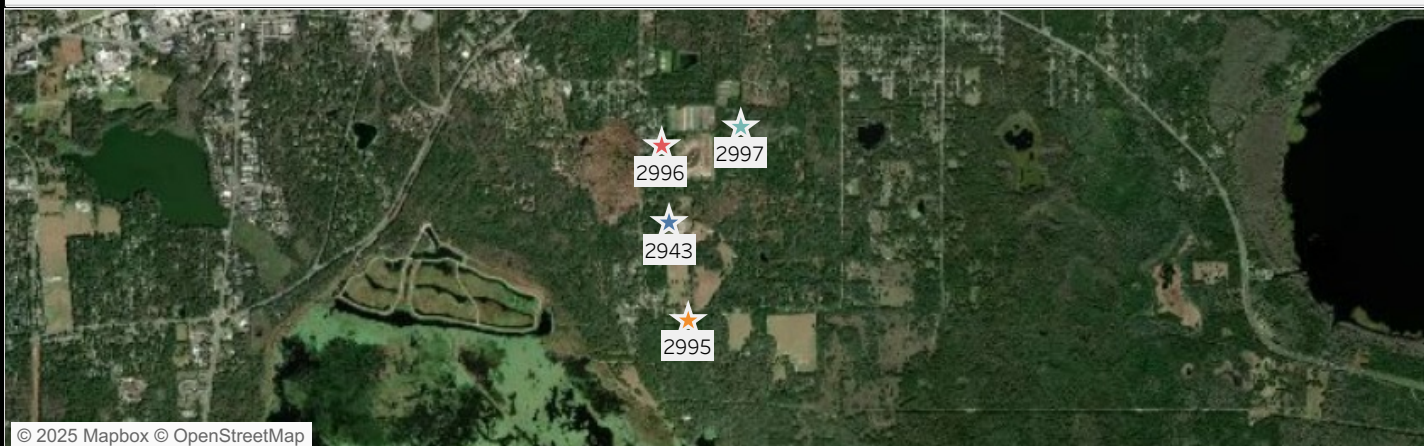


Figure 1 : Monitoring Locations

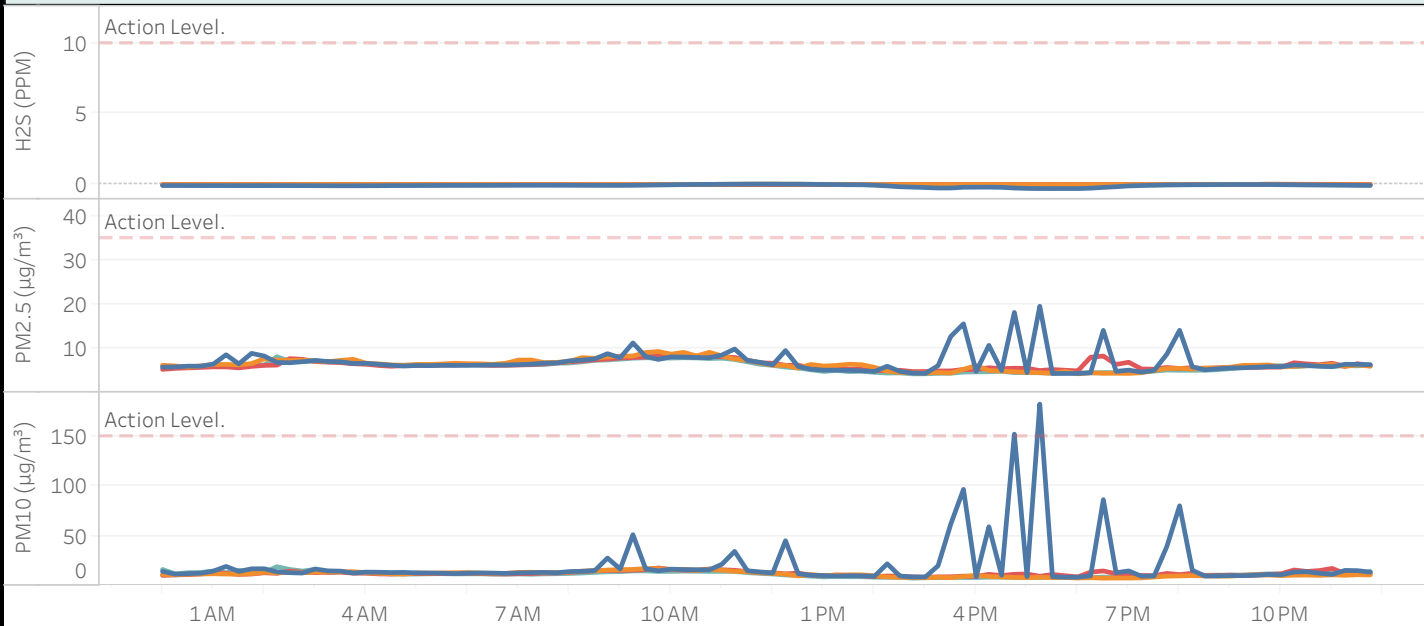


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

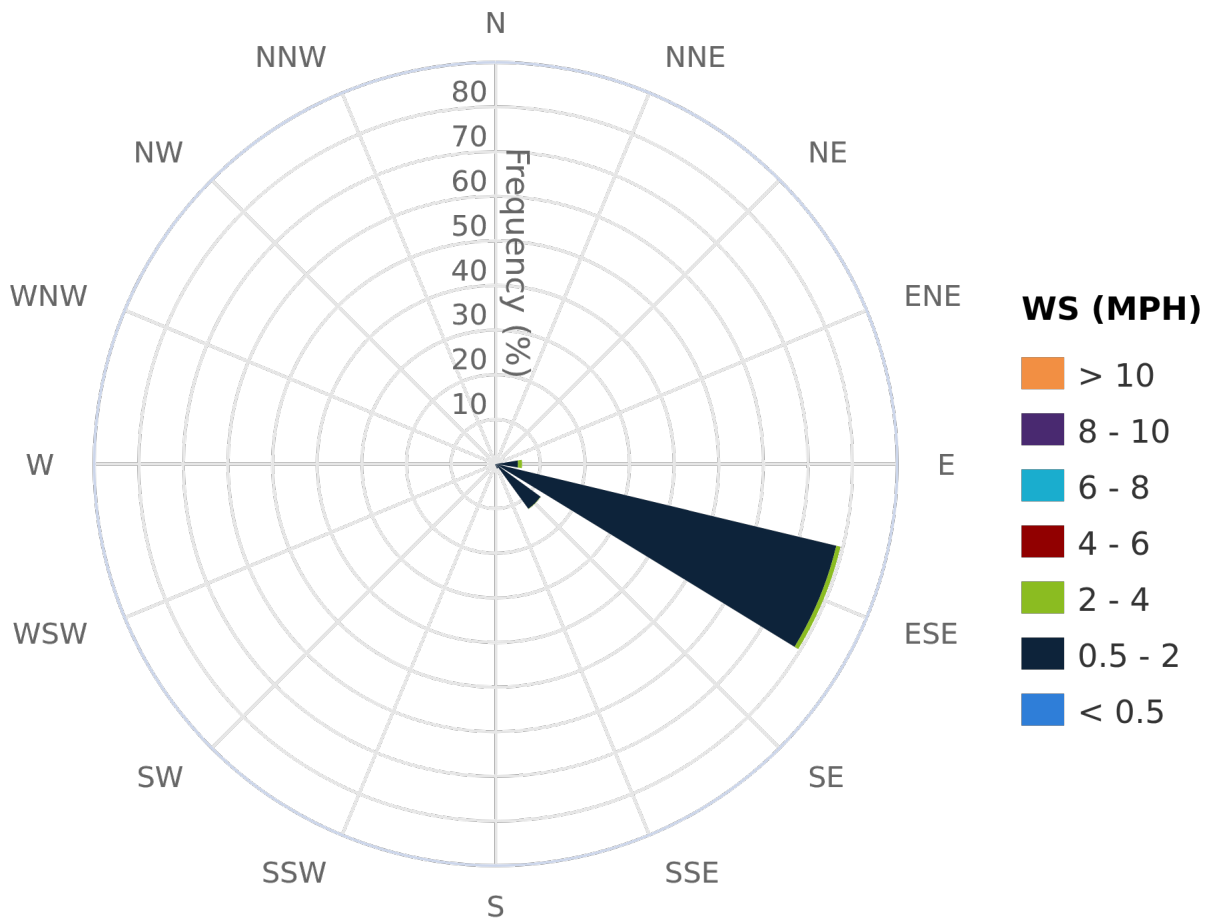


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

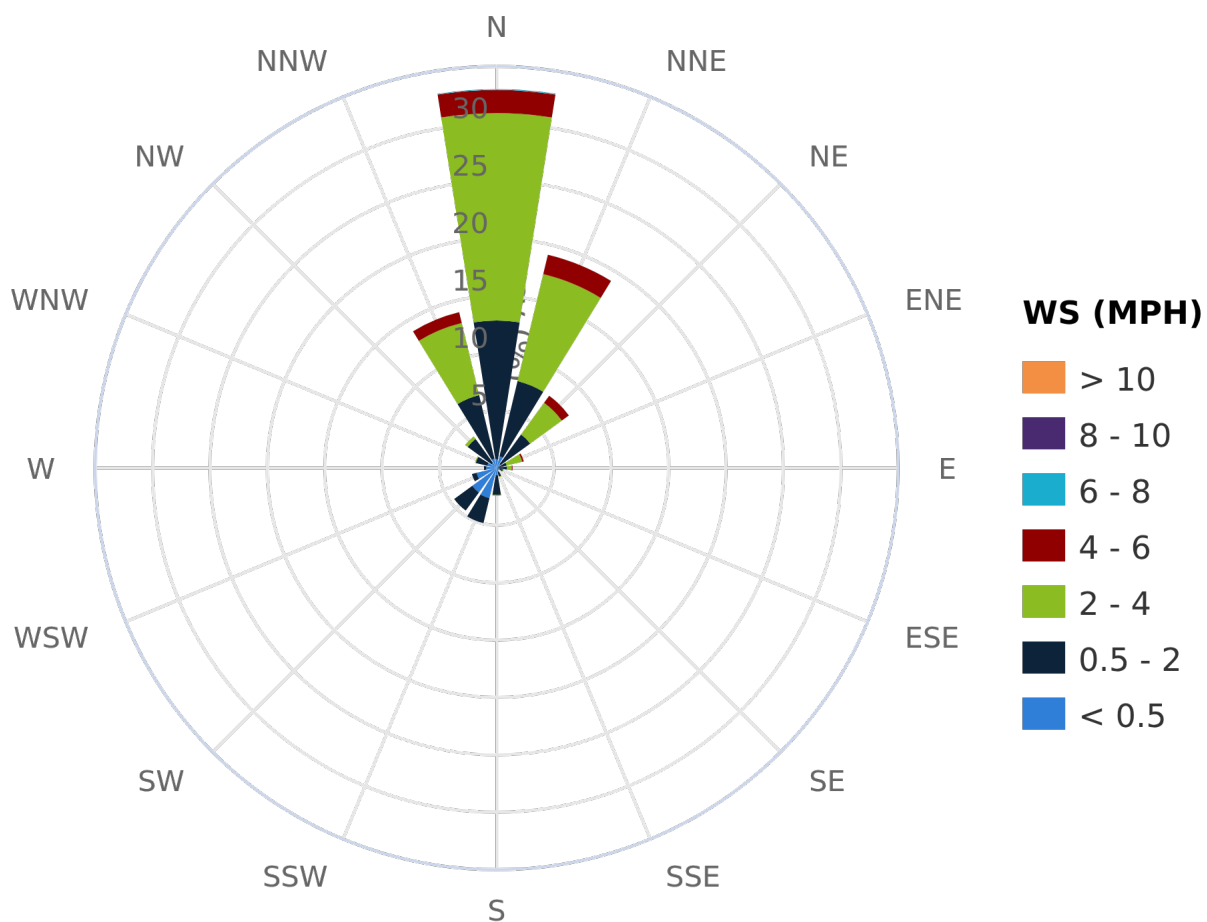


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

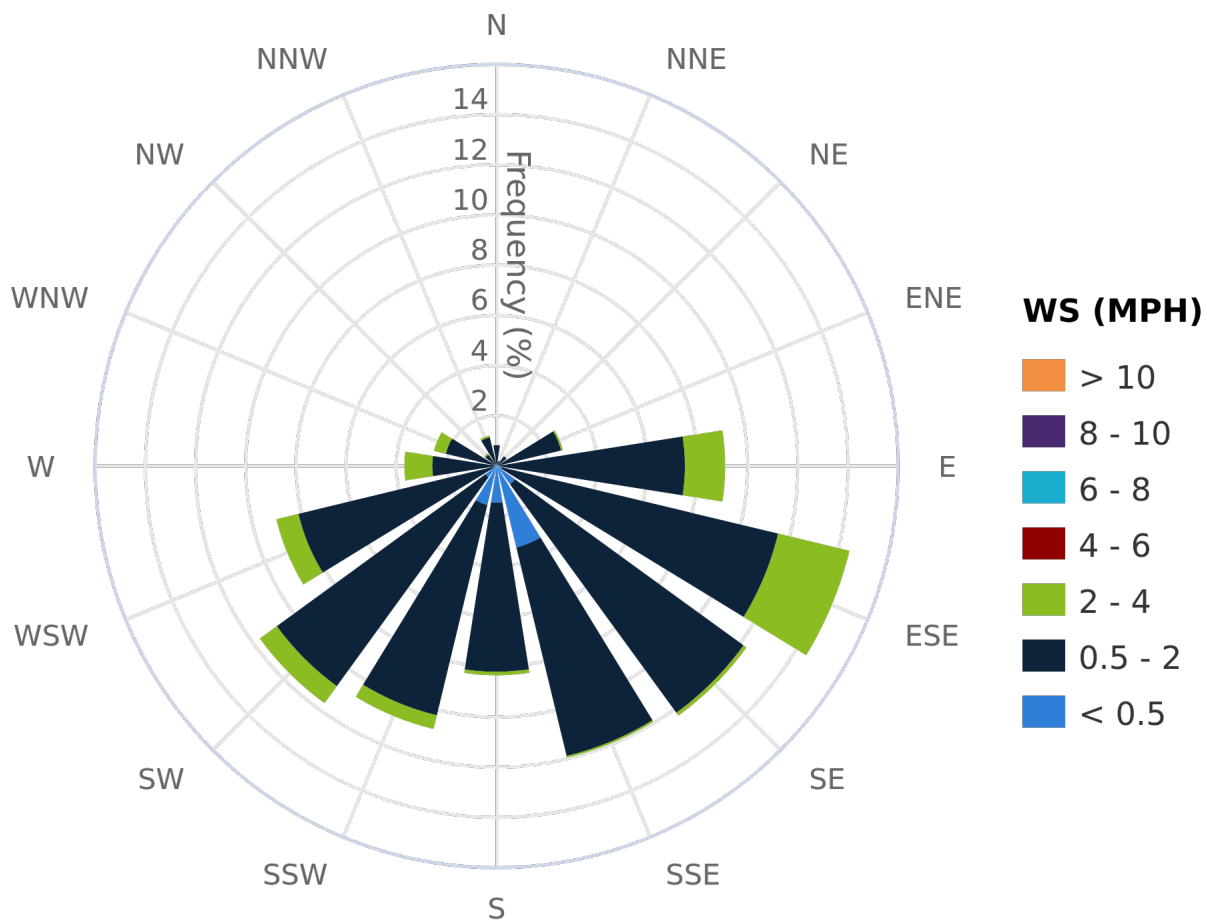


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

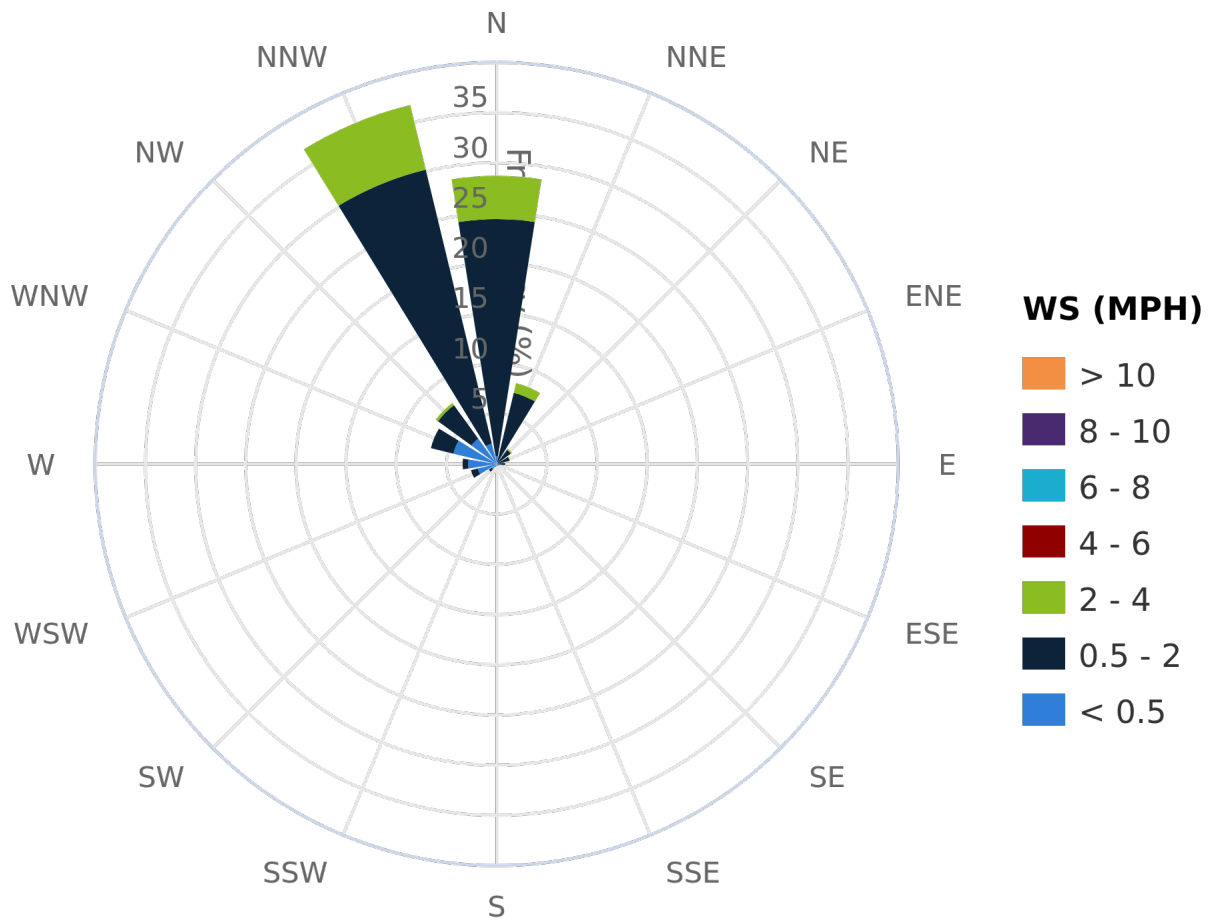


Figure 3 : Wind Rose Chart (WS in MPH)



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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	14.5	11.4	16.4	10.5	5.8	6.2	5.3	6.0	-0.064	0.000	0.000	0.000
00:15:00	11.7	11.1	12.0	11.0	5.8	6.0	5.5	5.8	-0.063	0.000	0.000	0.000
00:30:00	12.2	11.7	13.2	11.2	6.0	5.8	5.6	5.9	-0.063	0.000	0.000	0.000
00:45:00	12.7	11.9	13.4	11.9	6.0	6.0	5.7	6.0	-0.068	0.000	0.000	0.000
01:00:00	14.8	12.1	14.9	12.9	6.4	6.3	5.8	6.0	-0.065	0.000	0.000	0.000
01:15:00	19.5	11.8	13.2	12.6	8.6	6.4	5.8	5.9	-0.066	0.000	0.000	0.000
01:30:00	14.5	11.8	15.6	11.5	6.5	6.3	5.6	6.4	-0.067	0.000	0.000	0.000
01:45:00	17.1	12.2	14.1	11.9	8.9	6.6	5.9	6.3	-0.068	0.000	0.000	0.000
02:00:00	17.1	13.6	13.5	13.1	8.3	7.7	6.2	6.3	-0.067	0.000	0.000	0.000
02:15:00	14.0	13.1	19.3	12.6	6.8	7.3	6.2	8.1	-0.066	0.000	0.000	0.000
02:30:00	13.2	13.3	16.5	14.8	6.8	7.3	7.7	7.1	-0.068	0.000	0.000	0.000
02:45:00	12.8	13.3	14.9	13.7	7.0	7.3	7.5	7.0	-0.071	0.000	0.000	0.000
03:00:00	16.9	13.7	16.5	13.3	7.3	7.2	7.0	7.2	-0.073	0.000	0.000	0.000
03:15:00	15.0	13.8	13.2	13.6	7.0	7.0	6.9	7.0	-0.077	0.000	0.000	0.000
03:30:00	14.7	14.0	14.1	13.8	7.0	7.3	6.8	6.9	-0.080	0.000	0.000	0.000
03:45:00	12.9	14.2	13.1	12.7	6.6	7.5	6.5	6.6	-0.079	0.000	0.000	0.000
04:00:00	13.8	13.1	13.1	12.7	6.6	6.7	6.4	6.5	-0.075	0.000	0.000	0.000
04:15:00	13.6	12.6	12.4	12.0	6.4	6.5	6.1	6.3	-0.073	0.000	0.000	0.000
04:30:00	13.4	12.1	12.0	11.8	6.2	6.3	6.0	6.1	-0.066	0.000	0.000	0.000
04:45:00	13.5	11.8	11.7	12.5	6.0	6.2	6.1	6.2	-0.066	0.000	0.000	0.000
05:00:00	13.0	12.9	11.8	12.3	6.1	6.4	6.2	6.2	-0.062	0.000	0.000	0.000
05:15:00	12.9	12.7	12.1	12.2	6.1	6.4	6.2	6.2	-0.060	0.000	0.000	0.000
05:30:00	12.6	13.0	12.2	12.3	6.2	6.5	6.2	6.3	-0.056	0.000	0.000	0.000
05:45:00	12.2	13.2	12.0	12.5	6.2	6.6	6.3	6.3	-0.055	0.000	0.000	0.000
06:00:00	12.7	13.2	12.0	12.8	6.2	6.5	6.4	6.4	-0.054	0.000	0.000	0.000
06:15:00	13.0	12.8	12.0	12.3	6.2	6.5	6.3	6.3	-0.052	0.000	0.000	0.000
06:30:00	12.8	12.4	11.7	12.0	6.3	6.4	6.2	6.2	-0.051	0.000	0.000	0.000
06:45:00	12.5	12.6	11.8	11.8	6.2	6.6	6.2	6.3	-0.047	0.000	0.000	0.000
07:00:00	13.0	13.5	11.9	12.2	6.3	7.4	6.2	6.3	-0.044	0.000	0.000	0.000
07:15:00	13.2	13.6	11.6	12.3	6.4	7.4	6.3	6.3	-0.042	0.000	0.000	0.000
07:30:00	13.5	13.2	12.0	12.8	6.7	6.8	6.5	6.3	-0.041	0.000	0.000	0.000
07:45:00	13.1	13.3	12.1	12.9	6.7	6.8	6.7	6.7	-0.042	0.000	0.000	0.000
08:00:00	14.3	13.5	12.4	13.5	7.2	7.1	7.0	6.7	-0.044	0.000	0.000	0.000
08:15:00	14.6	14.8	12.9	14.3	7.4	7.9	7.2	7.0	-0.048	0.000	0.000	0.000
08:30:00	15.3	15.1	13.5	15.1	7.6	7.8	7.4	7.3	-0.049	0.000	0.000	0.000
08:45:00	27.9	15.8	14.1	15.5	8.8	8.1	7.6	7.4	-0.051	0.000	0.000	0.000
09:00:00	16.9	16.3	14.2	15.5	7.9	8.2	7.8	7.6	-0.052	0.000	0.000	0.000
09:15:00	51.5	16.5	15.0	15.7	11.2	8.3	7.9	7.8	-0.046	0.000	0.000	0.000
09:30:00	17.1	17.4	15.0	16.3	8.2	9.1	8.1	7.9	-0.035	0.000	0.000	0.000
09:45:00	15.1	17.2	14.4	18.0	7.5	9.3	8.5	7.8	-0.021	0.000	0.000	0.000
10:00:00	16.8	16.5	14.5	16.3	8.1	8.7	8.1	7.8	-0.010	0.000	0.000	0.000
10:15:00	16.3	16.5	14.8	15.8	8.0	9.1	8.1	7.9	0.007	0.000	0.000	0.000
10:30:00	16.2	15.6	14.6	15.7	7.9	8.3	8.0	7.8	0.015	0.008	0.000	0.000
10:45:00	16.0	16.4	14.5	16.9	7.9	9.1	8.1	7.7	0.019	0.019	0.000	0.000
11:00:00	21.7	15.7	14.5	16.2	8.5	8.3	8.1	7.8	0.029	0.025	0.000	0.000
11:15:00	34.7	14.6	14.4	15.6	9.9	7.6	7.9	7.5	0.035	0.030	0.000	0.002
11:30:00	15.2	14.1	13.2	14.4	7.3	7.3	7.3	7.0	0.040	0.037	0.000	0.007
11:45:00	14.0	13.2	12.5	13.1	6.9	6.7	6.7	6.4	0.044	0.036	0.000	0.013



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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	12.9	12.5	11.9	13.1	6.3	6.2	6.6	6.2	0.041	0.040	0.000	0.017
12:15:00	45.4	11.7	10.9	12.1	9.5	6.2	6.2	5.8	0.037	0.032	0.000	0.020
12:30:00	12.1	10.0	10.4	12.7	5.9	5.5	6.2	5.5	0.038	0.031	0.000	0.022
12:45:00	10.6	11.3	9.7	10.8	5.3	6.4	5.7	5.2	0.025	0.028	0.000	0.018
13:00:00	10.3	10.3	8.9	9.9	5.1	6.0	5.2	4.8	0.015	0.022	0.000	0.016
13:15:00	9.8	10.8	9.5	10.9	5.1	6.2	5.6	5.0	0.007	0.021	0.000	0.011
13:30:00	10.1	11.0	9.1	10.3	5.0	6.4	5.3	4.8	-0.006	0.016	0.000	0.003
13:45:00	10.0	11.0	9.1	10.1	4.9	6.3	5.3	4.8	-0.007	0.015	0.000	0.001
14:00:00	9.6	10.1	8.6	9.2	4.8	5.7	4.9	4.6	-0.043	0.008	0.000	0.000
14:15:00	22.2	9.0	8.4	9.9	6.0	4.8	5.0	4.4	-0.088	0.000	0.000	0.000
14:30:00	9.8	8.5	8.4	9.7	4.8	4.6	5.1	4.5	-0.147	0.000	0.000	0.000
14:45:00	8.9	8.4	7.7	9.0	4.4	4.5	4.8	4.2	-0.174	0.000	0.000	0.000
15:00:00	8.9	8.1	8.0	8.6	4.4	4.4	4.8	4.3	-0.202	0.000	0.000	0.000
15:15:00	20.1	8.6	8.4	9.0	6.1	4.5	4.9	4.4	-0.237	0.000	0.000	0.000
15:30:00	62.2	8.2	8.3	9.1	12.7	4.4	4.9	4.4	-0.236	0.000	0.000	0.000
15:45:00	97.2		8.3	9.7	15.6		5.2	4.6	-0.184	0.000	0.000	0.000
16:00:00	9.1	10.6	8.4	9.4	4.8	6.1	5.2	4.7	-0.179	0.000	0.000	0.000
16:15:00	59.5	9.3	8.6	11.5	10.7	5.0	5.6	4.7	-0.176	0.000	0.000	0.000
16:30:00	10.5	8.9	8.6	10.3	5.0	4.9	5.4	4.8	-0.189	0.000	0.000	0.000
16:45:00	152.9	8.4	8.3	11.6	18.1	4.7	5.5	4.5	-0.238	0.000	0.000	0.000
17:00:00	9.2	8.2	8.3	11.9	4.5	4.6	5.5	4.5	-0.266	0.000	0.000	0.000
17:15:00	183.2	8.6	8.3	9.6	19.5	4.5	5.0	4.5	-0.274	0.000	0.000	0.000
17:30:00	9.1	8.2	8.4	11.4	4.3	4.4	5.2	4.4	-0.278	0.000	0.000	0.000
17:45:00	8.6	8.3	8.4	10.1	4.3	4.8	5.1	4.5	-0.274	0.000	0.000	0.000
18:00:00	8.6	7.8	8.2	9.0	4.3	4.3	4.9	4.4	-0.277	0.000	0.000	0.000
18:15:00	10.0	8.2	8.1	13.8	4.5	4.5	8.0	4.5	-0.247	0.000	0.000	0.000
18:30:00	86.9	7.7	8.8	14.9	14.1	4.4	8.3	4.6	-0.193	0.000	0.000	0.000
18:45:00	13.2	7.8	8.4	12.1	4.8	4.4	6.4	4.5	-0.146	0.000	0.000	0.000
19:00:00	14.9	7.8	8.9	11.1	5.1	4.3	6.9	4.6	-0.089	0.000	0.000	0.000
19:15:00	9.7	8.0	9.5	10.4	4.6	4.5	5.4	4.6	-0.062	0.000	0.000	0.000
19:30:00	9.9	8.9	9.4	10.2	5.0	5.0	5.3	4.9	-0.045	0.001	0.000	0.000
19:45:00	39.7	9.7	10.6	12.5	8.7	5.5	5.7	5.1	-0.025	0.000	0.000	0.000
20:00:00	80.7	9.9	10.6	11.2	14.1	5.5	5.5	5.0	-0.014	0.001	0.000	0.000
20:15:00	15.6	10.2	10.8	12.6	5.8	5.3	5.6	5.1	-0.006	0.002	0.000	0.000
20:30:00	9.8	9.9	10.6	10.4	5.2	5.6	5.4	5.1	-0.002	0.005	0.000	0.000
20:45:00	10.0	9.8	10.8	10.3	5.4	5.6	5.6	5.2	0.003	0.006	0.000	0.001
21:00:00	10.3	9.7	10.6	10.8	5.6	5.8	5.7	5.4	0.010	0.003	0.001	0.005
21:15:00	10.2	10.6	10.9	10.3	5.6	6.2	5.7	5.7	0.008	0.004	0.008	0.004
21:30:00	10.7	10.9	11.4	10.8	5.7	6.2	5.7	5.7	0.008	0.003	0.019	0.005
21:45:00	11.4	10.8	12.0	11.4	5.9	6.3	5.8	5.9	0.005	0.001	0.036	0.006
22:00:00	11.1	10.3	11.6	12.2	5.9	5.9	5.8	6.1	-0.003	0.000	0.031	0.004
22:15:00	13.8	10.7	11.7	15.9	6.2	5.9	6.8	5.9	-0.010	0.000	0.028	0.006
22:30:00	14.2	10.8	12.9	14.5	6.2	6.1	6.5	6.0	-0.020	0.000	0.025	0.003
22:45:00	12.6	10.5	14.7	15.3	5.9	6.1	6.3	6.1	-0.027	0.000	0.025	0.000
23:00:00	11.4	11.0	12.9	17.5	5.9	6.4	6.6	5.9	-0.034	0.000	0.024	0.000
23:15:00	15.5	10.6	12.9	12.2	6.4	6.0	5.9	6.1	-0.044	0.000	0.021	0.000
23:30:00	15.2	11.2	12.3	13.4	6.4	6.3	6.5	6.0	-0.052	0.000	0.019	0.000
23:45:00	13.8	10.9	14.3	12.2	6.3	6.0	6.0	6.3	-0.057	0.000	0.018	0.000

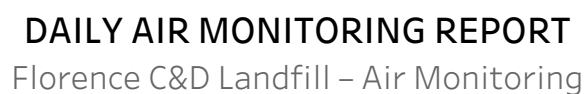


Table 4 : Summary of Exceedances (greater than Action Level) -

[illegible]