



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-08

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 17.05	2943 SE	2693 SSE	2996 NNW	2997 SW	Min : 56.12 Max : 91.04	Min : 52.70 Max : 90.70	Min : 29.82 Max : 30.01

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)
2693	14.7	119.6	11.2	104.2	0.000	0.002
2943	15.3	163.7	6.9	24.5	-0.030	0.038
2996	14.1	47.5	6.6	14.4	0.000	0.000
2997	13.1	55.0	5.9	10.9	0.002	0.029



Figure 1 : Monitoring Locations

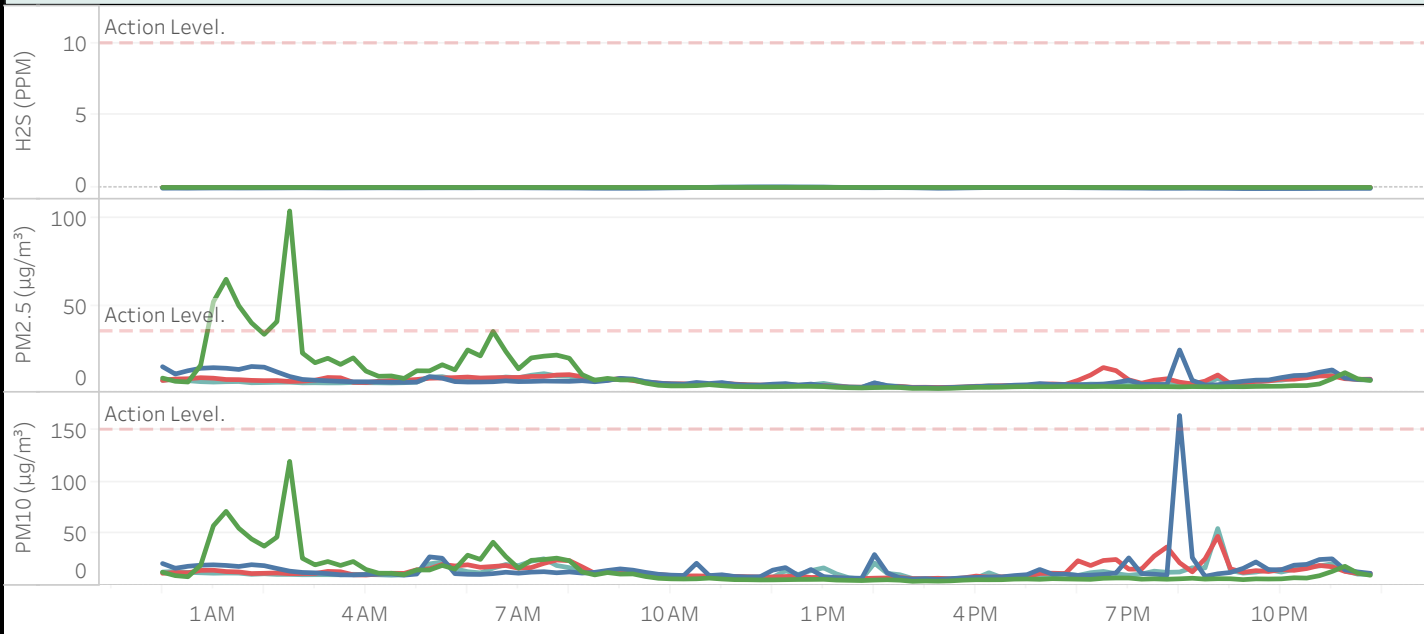


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

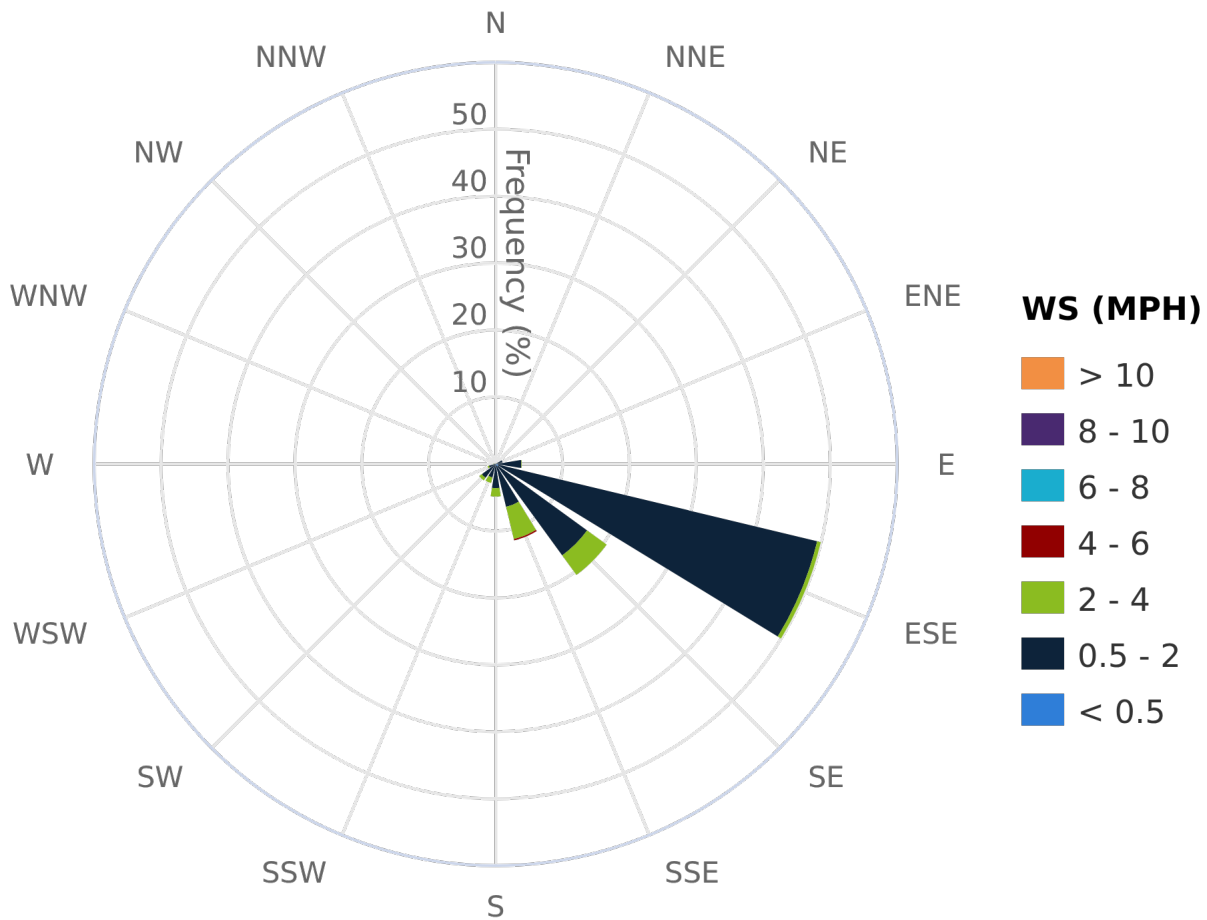


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

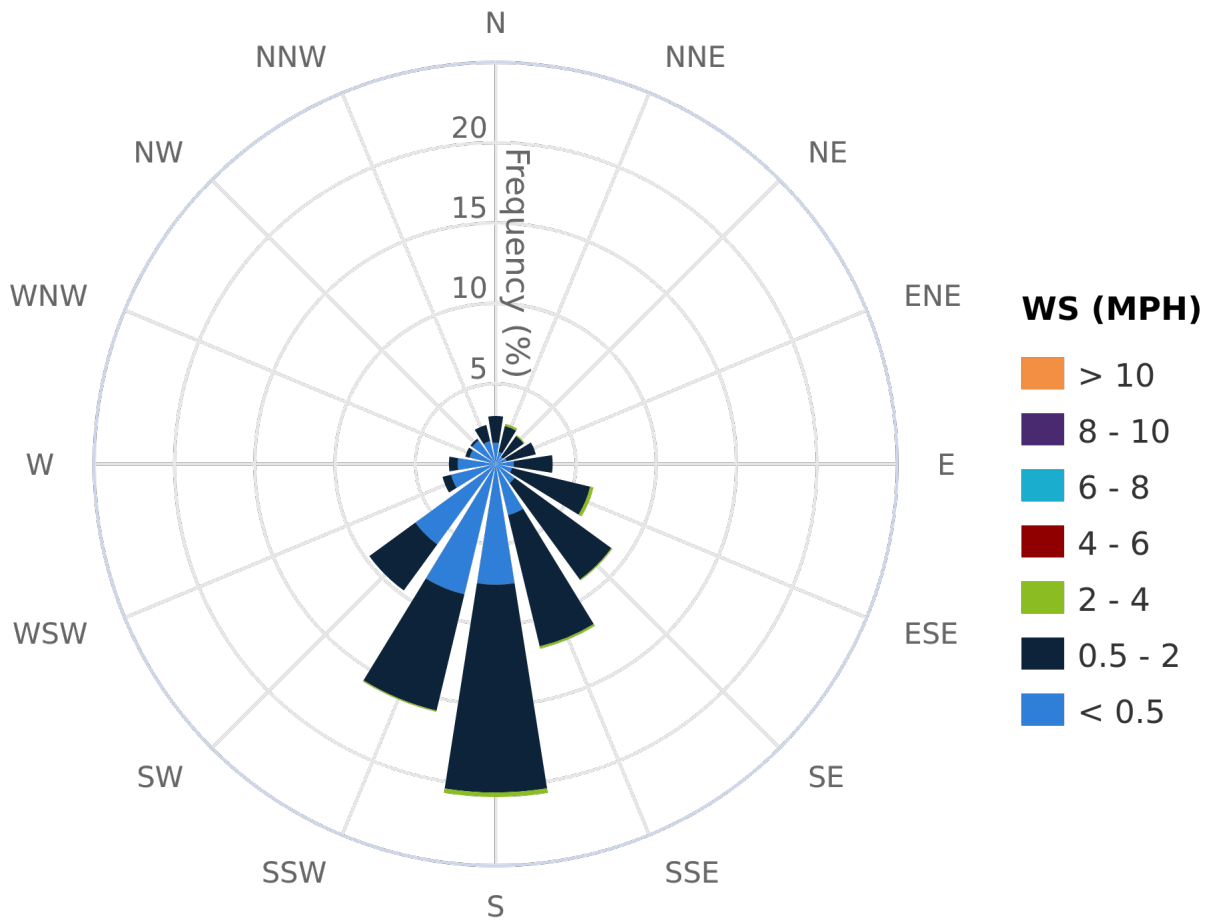


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

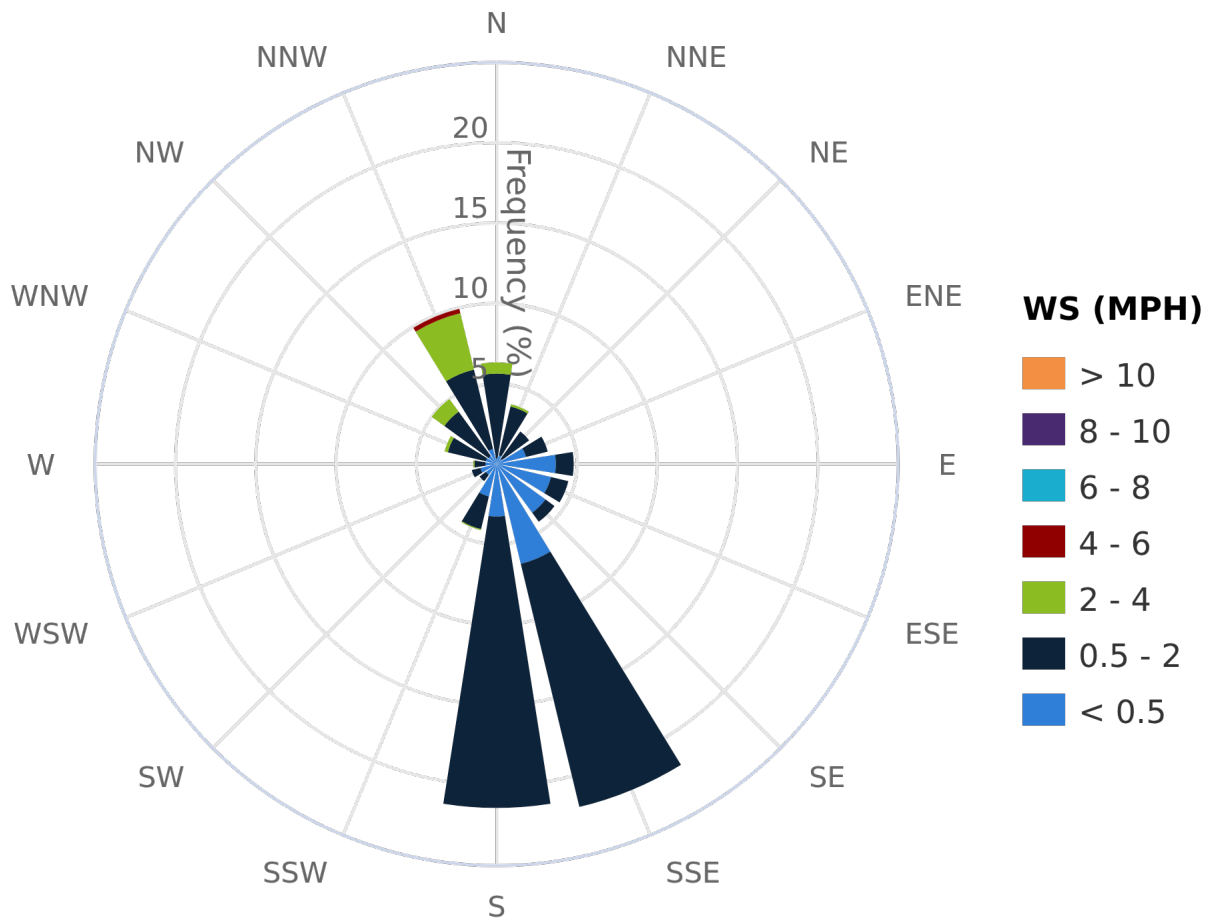


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

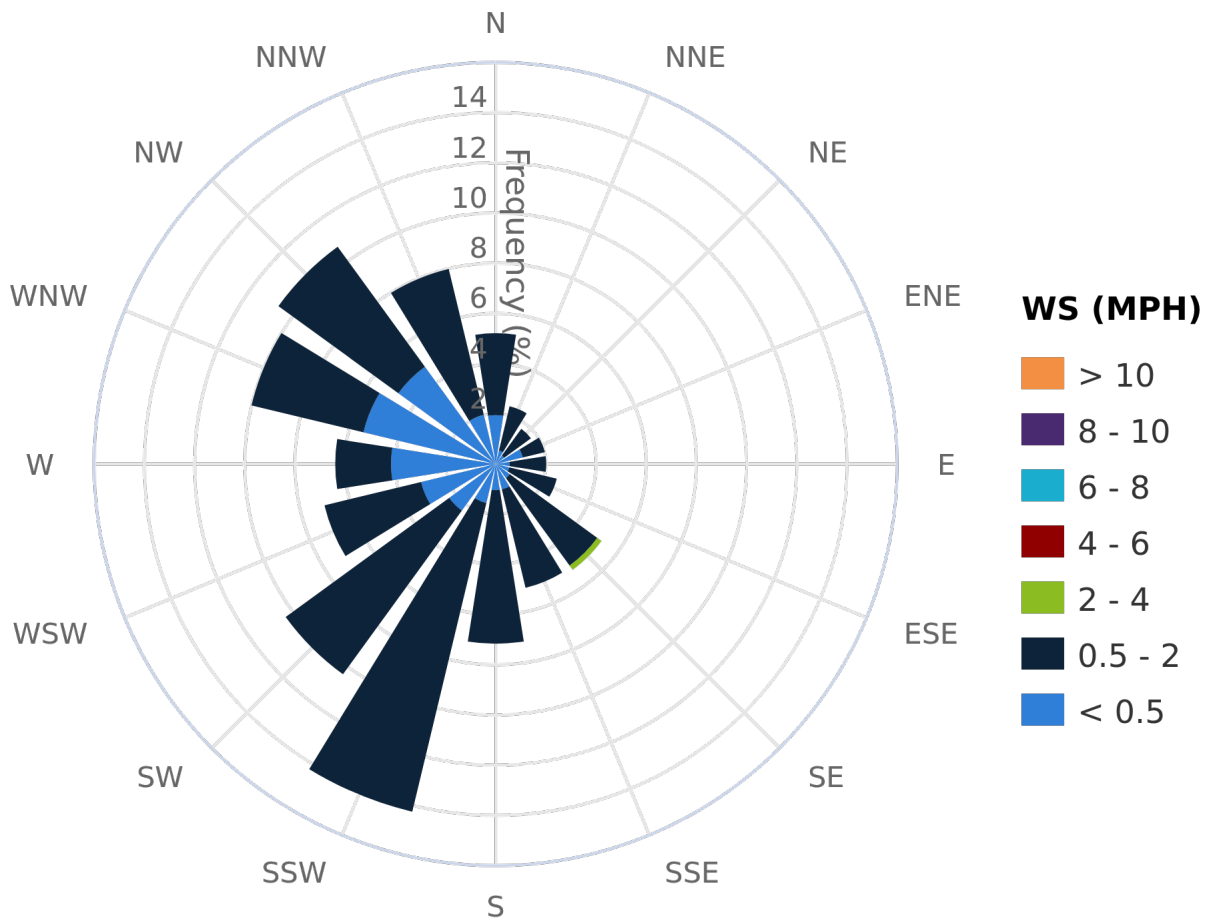


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	21.4	13.0	13.2	12.0	14.9	8.3	7.0	7.1	-0.051	0.000	0.000	0.000
00:15:00	16.8	9.8	13.8	12.7	10.7	6.5	7.8	7.7	-0.047	0.001	0.000	0.000
00:30:00	18.7	8.7	12.9	12.4	12.6	6.1	8.0	6.9	-0.050	0.001	0.000	0.000
00:45:00	19.8	19.7	12.5	14.8	14.0	15.7	8.6	6.3	-0.042	0.000	0.000	0.000
01:00:00	20.1	57.7	12.1	14.9	14.3	52.1	8.3	6.1	-0.037	0.000	0.000	0.000
01:15:00	19.5	71.5	12.3	13.7	14.0	65.0	7.5	6.3	-0.036	0.000	0.000	0.000
01:30:00	18.5	55.3	12.2	13.3	13.3	49.8	7.4	6.4	-0.038	0.000	0.000	0.000
01:45:00	20.3	45.0	11.0	11.8	15.0	40.0	7.0	5.7	-0.036	0.000	0.000	0.000
02:00:00	19.3	38.1	11.5	12.0	14.6	33.4	6.9	5.8	-0.034	0.001	0.000	0.000
02:15:00	16.6	46.8	10.9	12.3	11.9	40.7	6.9	5.9	-0.032	0.000	0.000	0.000
02:30:00	14.1	119.6	10.9	11.6	9.3	104.2	6.4	6.0	-0.027	0.000	0.000	0.000
02:45:00	12.8	26.4	10.6	11.7	7.6	22.7	6.6	5.6	-0.023	0.001	0.000	0.000
03:00:00	12.4	20.1	10.7	11.8	7.1	17.2	7.1	5.7	-0.028	0.000	0.000	0.000
03:15:00	11.6	23.3	10.6	13.8	6.8	19.7	8.7	5.6	-0.033	0.000	0.000	0.000
03:30:00	10.5	19.6	10.5	13.5	6.5	16.2	8.5	5.6	-0.033	0.000	0.000	0.000
03:45:00	10.4	23.3	11.0	10.5	6.2	19.9	5.9	5.8	-0.029	0.001	0.000	0.000
04:00:00	10.8	15.7	10.8	10.3	6.2	12.4	5.8	5.7	-0.029	0.000	0.000	0.000
04:15:00	11.2	12.1	10.5	11.3	6.1	9.4	6.5	5.6	-0.025	0.001	0.000	0.000
04:30:00	11.3	12.0	10.1	12.0	6.0	9.6	7.0	5.5	-0.025	0.000	0.000	0.000
04:45:00	10.2	10.6	10.5	11.9	5.9	8.2	7.1	5.7	-0.029	0.000	0.000	0.000
05:00:00	11.3	15.2	12.7	15.4	6.1	12.5	7.6	6.0	-0.029	0.000	0.000	0.000
05:15:00	27.8	15.2	21.0	16.3	9.2	12.5	8.3	8.9	-0.025	0.000	0.000	0.000
05:30:00	26.5	19.6	22.9	20.5	8.3	16.0	8.4	9.2	-0.025	0.000	0.000	0.000
05:45:00	11.6	16.0	16.4	19.0	6.3	13.0	8.6	7.7	-0.023	0.000	0.000	0.000
06:00:00	11.0	29.4	13.6	20.2	6.1	24.5	8.9	7.1	-0.026	0.000	0.000	0.000
06:15:00	10.9	25.3	12.4	17.7	6.1	21.1	8.4	7.1	-0.020	0.000	0.000	0.000
06:30:00	11.7	41.9	16.9	18.6	6.3	35.1	8.6	8.0	-0.022	0.000	0.000	0.000
06:45:00	13.0	28.0	20.5	19.5	6.8	23.6	8.7	9.0	-0.024	0.001	0.000	0.000
07:00:00	12.1	16.9	19.4	16.9	6.3	13.7	8.7	8.5	-0.024	0.000	0.000	0.000
07:15:00	13.1	24.5	23.6	17.5	6.4	19.9	9.3	10.0	-0.029	0.000	0.000	0.000
07:30:00	13.5	25.2	26.0	21.5	6.6	20.9	9.3	10.9	-0.032	0.000	0.000	0.000
07:45:00	12.5	26.6	19.5	24.7	6.6	21.5	10.1	9.6	-0.037	0.000	0.000	0.000
08:00:00	13.3	24.1	17.4	24.2	6.5	19.7	10.3	9.3	-0.038	0.000	0.000	0.000
08:15:00	12.2	13.3	13.2	18.2	6.8	10.3	9.1	7.5	-0.045	0.001	0.000	0.000
08:30:00	12.9	10.5	12.5	11.9	6.3	7.1	6.9	7.2	-0.054	0.000	0.000	0.000
08:45:00	14.7	12.7	13.0	13.2	7.0	8.2	7.2	7.4	-0.057	0.001	0.000	0.000
09:00:00	16.2	11.2	13.8	14.8	8.2	7.3	8.2	7.7	-0.057	0.000	0.000	0.000
09:15:00	15.0	11.4	13.7	12.8	7.8	7.3	7.0	7.6	-0.056	-0.001	0.000	0.000
09:30:00	12.8	8.9	11.6	11.4	6.3	5.4	5.9	6.4	-0.053	-0.001	0.000	0.000
09:45:00	11.1	7.2	10.2	10.8	5.4	4.2	5.5	5.4	-0.043	0.000	0.000	0.000
10:00:00	10.2	6.6	9.6	9.9	5.0	3.9	5.0	5.1	-0.030	0.000	0.000	0.000
10:15:00	9.9	6.5	9.0	9.5	4.8	3.9	5.1	4.8	-0.023	-0.001	0.000	0.000
10:30:00	21.6	6.7	8.8	9.5	5.8	4.0	4.5	4.7	-0.006	0.000	0.000	0.000
10:45:00	9.8	7.4	9.0	9.3	5.2	4.6	4.8	4.8	0.005	0.000	0.000	0.009
11:00:00	10.6	6.5	10.1	9.3	5.8	4.0	5.3	5.4	0.023	0.000	0.000	0.015
11:15:00	8.9	5.9	8.7	9.0	4.7	3.5	4.9	4.8	0.026	0.000	0.000	0.014
11:30:00	8.5	5.8	8.3	8.7	4.3	3.4	4.5	4.4	0.032	0.001	0.000	0.024
11:45:00	8.7	5.6	7.9	8.5	4.3	3.4	4.3	4.2	0.036	0.001	0.000	0.025



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	15.0	5.7	8.3	8.5	4.9	3.4	4.3	4.2	0.038	0.001	0.000	0.025
12:15:00	17.5	5.9	14.4	8.9	5.2	3.5	4.3	4.9	0.036	0.001	0.000	0.029
12:30:00	10.0	6.0	10.8	9.3	4.3	3.6	4.2	4.3	0.028	0.001	0.000	0.025
12:45:00	15.6	6.1	14.5	8.0	4.9	3.6	4.0	4.6	0.027	0.001	0.000	0.023
13:00:00	8.8	6.2	17.2	8.2	4.0	3.4	4.0	5.3	0.026	0.001	0.000	0.016
13:15:00	7.8	5.5	11.4	7.7	3.5	3.0	3.7	4.1	0.012	0.001	0.000	0.004
13:30:00	7.5	5.2	7.6	6.9	3.2	2.8	3.2	3.1	0.000	0.001	0.000	0.000
13:45:00	7.2	5.0	6.6	6.9	3.1	2.7	3.1	3.0	-0.017	0.002	0.000	0.000
14:00:00	30.0	5.5	21.7	7.3	5.6	2.9	3.4	5.6	-0.020	0.001	0.000	0.000
14:15:00	12.4	5.8	11.9	7.5	4.0	3.0	3.5	3.9	-0.011	0.002	0.000	0.000
14:30:00	7.6	5.4	10.6	7.9	3.3	2.9	3.5	3.6	-0.014	0.001	0.000	0.000
14:45:00	6.4	4.3	6.9	6.8	2.9	2.4	3.1	2.9	-0.021	0.000	0.000	0.000
15:00:00	6.9	4.6	6.2	6.9	2.9	2.4	3.1	2.9	-0.037	0.001	0.000	0.000
15:15:00	6.1	4.4	7.0	7.2	2.7	2.3	3.0	2.8	-0.054	0.000	0.000	0.000
15:30:00	6.9	4.7	6.3	6.7	3.0	2.5	3.1	2.9	-0.050	0.000	0.000	0.000
15:45:00	7.7	5.4	7.1	7.6	3.3	2.8	3.3	3.1	-0.034	0.000	0.000	0.002
16:00:00	8.1	5.8	7.4	9.3	3.5	3.0	3.7	3.3	-0.020	0.000	0.000	0.004
16:15:00	8.4	5.8	12.5	8.3	3.7	3.0	3.7	4.0	-0.008	0.000	0.000	0.004
16:30:00	8.5	5.8	8.0	8.6	3.9	3.1	4.0	3.7	-0.004	0.000	0.000	0.003
16:45:00	9.8	6.4	8.8	8.9	4.3	3.4	4.1	4.0	0.001	0.000	0.000	0.001
17:00:00	10.7	6.5	9.3	8.8	4.5	3.5	4.1	4.2	0.004	0.000	0.000	0.000
17:15:00	15.7	6.2	9.4	11.8	5.2	3.4	4.8	4.2	0.002	0.000	0.000	0.000
17:30:00	11.1	6.8	10.4	12.1	4.7	3.4	5.0	4.4	-0.005	-0.001	0.000	0.000
17:45:00	11.1	6.6	11.5	11.8	4.7	3.5	4.7	4.6	-0.013	0.000	0.000	0.000
18:00:00	10.0	6.4	9.9	24.0	4.6	3.5	7.0	4.4	-0.021	0.000	0.000	0.000
18:15:00	10.2	6.2	12.6	19.5	4.6	3.4	10.1	4.9	-0.025	0.000	0.000	0.000
18:30:00	10.9	7.2	13.8	24.3	4.9	3.5	14.4	4.8	-0.032	0.000	0.000	0.000
18:45:00	12.3	7.5	11.6	25.3	5.8	3.5	12.6	4.6	-0.036	0.000	0.000	0.000
19:00:00	26.8	7.5	10.0	16.0	7.1	3.4	7.4	4.7	-0.042	0.000	0.000	0.000
19:15:00	11.8	6.3	11.3	16.0	4.8	3.4	5.4	4.7	-0.046	0.000	0.000	0.000
19:30:00	11.1	6.7	14.0	28.5	4.7	3.5	7.1	4.9	-0.055	0.000	0.000	0.000
19:45:00	10.1	6.3	12.9	37.3	4.6	3.4	7.9	4.8	-0.055	0.000	0.000	0.000
20:00:00	163.7	6.7	13.2	22.1	24.5	3.3	6.0	5.1	-0.056	0.000	0.000	0.000
20:15:00	27.0	7.2	17.3	13.4	7.0	3.5	5.0	5.3	-0.052	0.000	0.000	0.000
20:30:00	9.1	6.4	17.1	25.9	4.4	3.4	6.6	5.1	-0.058	0.000	0.000	0.000
20:45:00	11.5	6.8	55.0	47.5	4.5	3.3	10.1	8.1	-0.061	0.000	0.000	0.000
21:00:00	12.8	6.7	14.7	16.3	5.7	3.4	5.1	4.9	-0.068	-0.001	0.000	0.000
21:15:00	16.7	5.9	12.2	12.9	6.5	3.4	5.6	4.6	-0.077	0.000	0.000	0.000
21:30:00	22.9	6.7	13.2	14.5	7.2	3.6	6.5	5.9	-0.079	0.000	0.000	0.000
21:45:00	15.5	6.5	15.3	13.7	7.3	3.6	6.7	6.9	-0.077	0.000	0.000	0.000
22:00:00	15.4	6.6	13.2	15.6	8.6	3.7	7.7	7.1	-0.077	0.000	0.000	0.000
22:15:00	19.8	7.7	15.8	14.8	9.8	4.0	7.7	8.2	-0.076	0.000	0.000	0.000
22:30:00	20.6	7.4	18.8	16.6	10.0	4.1	8.6	9.4	-0.074	0.000	0.000	0.000
22:45:00	25.2	9.7	19.0	19.5	11.7	5.0	9.6	10.0	-0.070	0.000	0.000	0.000
23:00:00	25.9	13.8	21.2	18.3	13.0	7.9	9.6	10.6	-0.068	0.001	0.000	0.000
23:15:00	15.3	18.7	14.2	13.8	8.4	11.4	8.0	8.3	-0.066	0.000	0.000	0.000
23:30:00	13.3	12.2	11.2	11.9	7.6	7.9	7.7	7.5	-0.065	0.000	0.000	0.000
23:45:00	11.9	10.1	10.7	12.0	7.4	7.0	7.7	7.2	-0.065	0.001	0.000	0.000

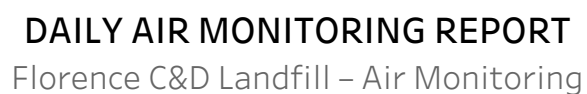


Table 4 : Summary of Exceedances (greater than Action Level) -

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