



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-18

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 23.49	2943 ENE	2693 NE	2996 S	2997 NNW	Min : 46.94 Max : 92.84	Min : 28.10 Max : 88.60	Min : 30.05 Max : 30.29

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	8.9	17.7	5.7	12.8	0.000	0.004
2943	24.6	261.8	7.6	36.5	-0.152	0.026
2996	19.7	76.7	8.5	28.5	0.008	0.048
2997	13.9	52.8	7.0	16.0	0.003	0.038



Figure 1 : Monitoring Locations

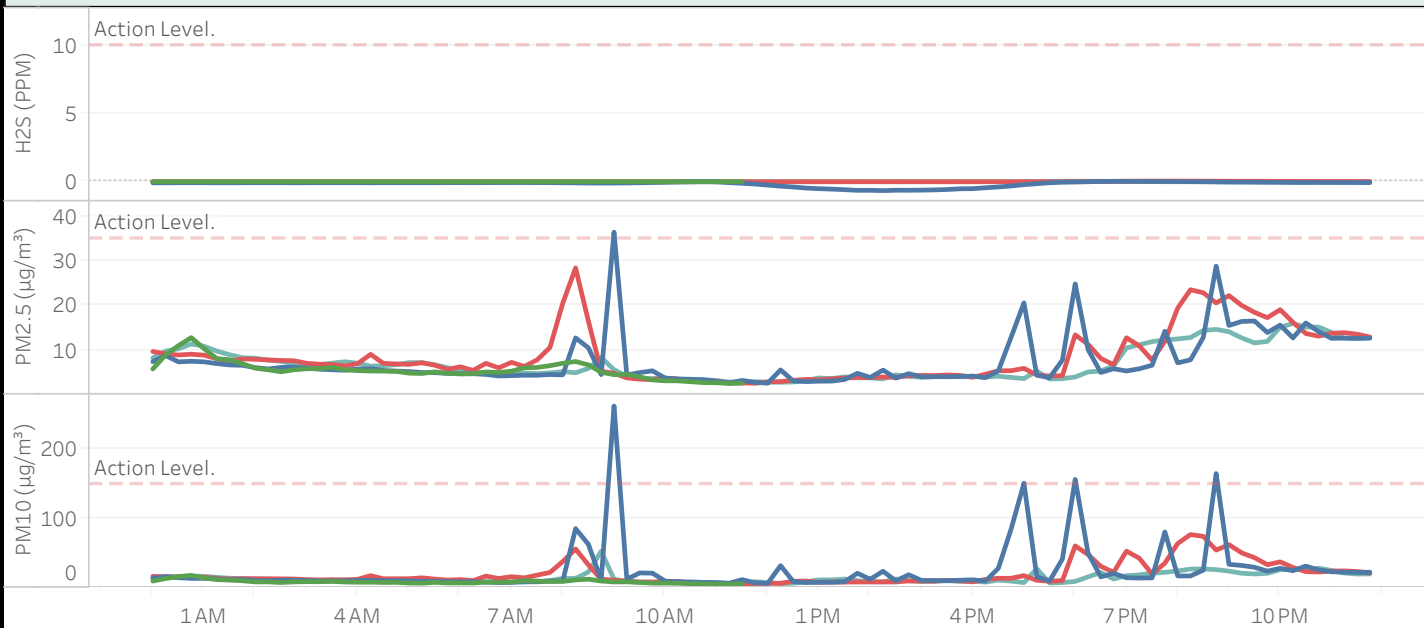


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

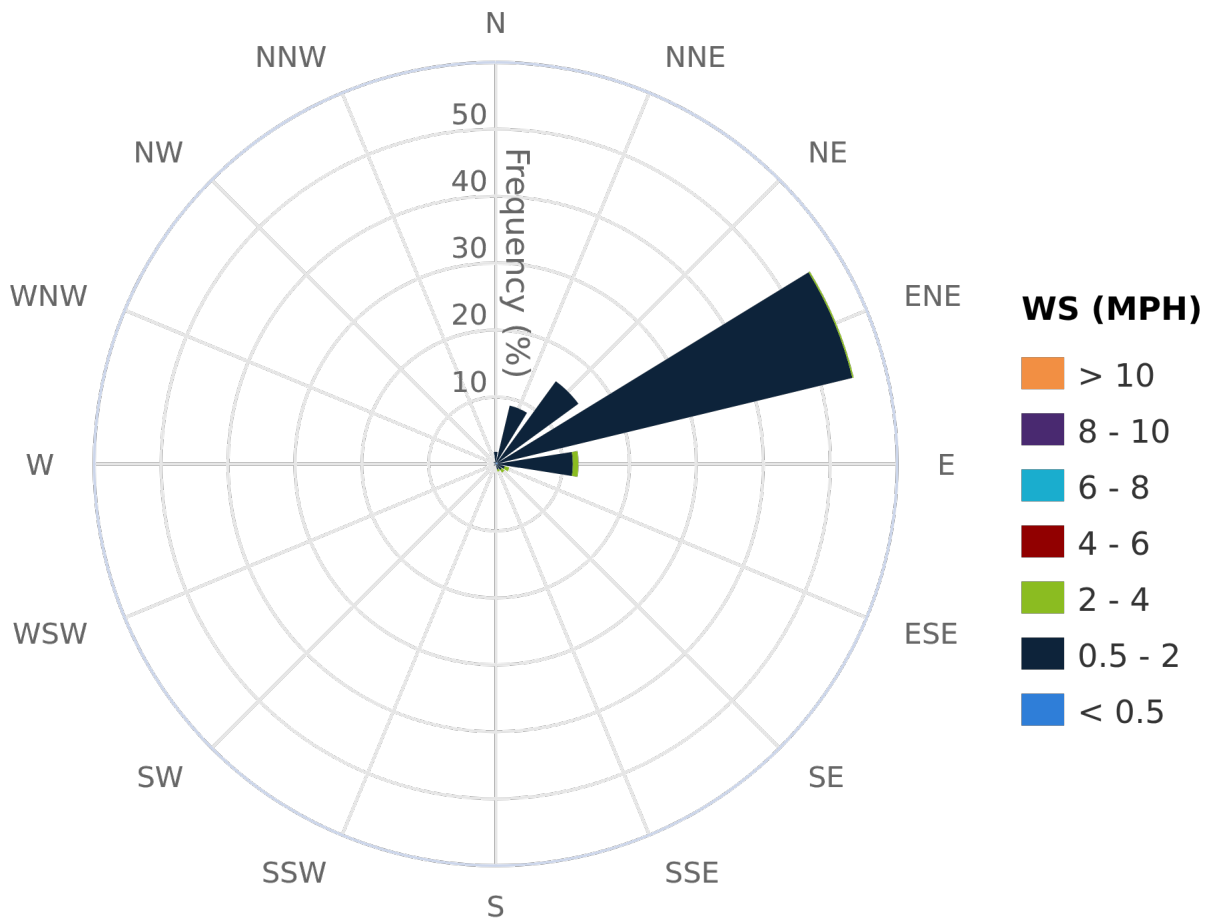


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-17

Wind Rose Chart 2693

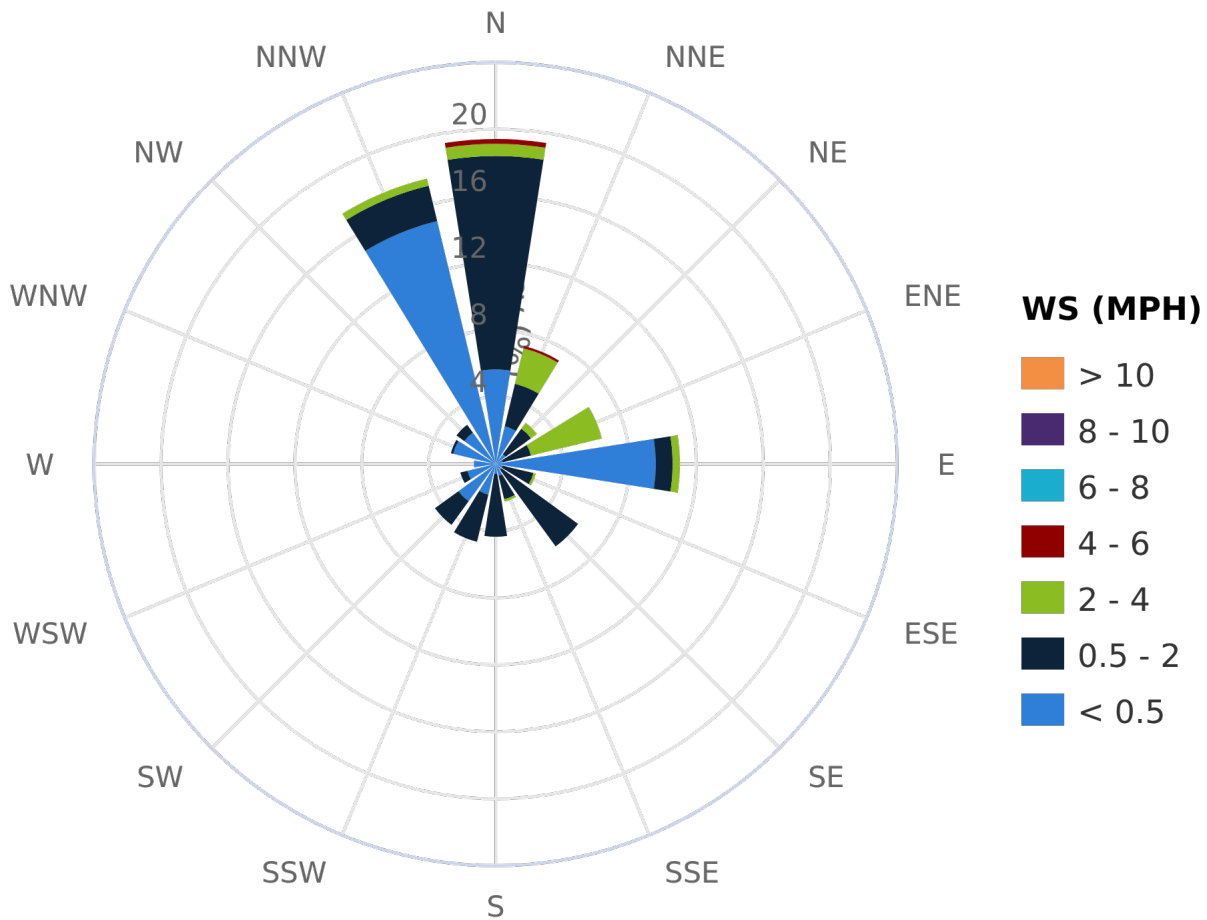


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-18

Wind Rose Chart 2996

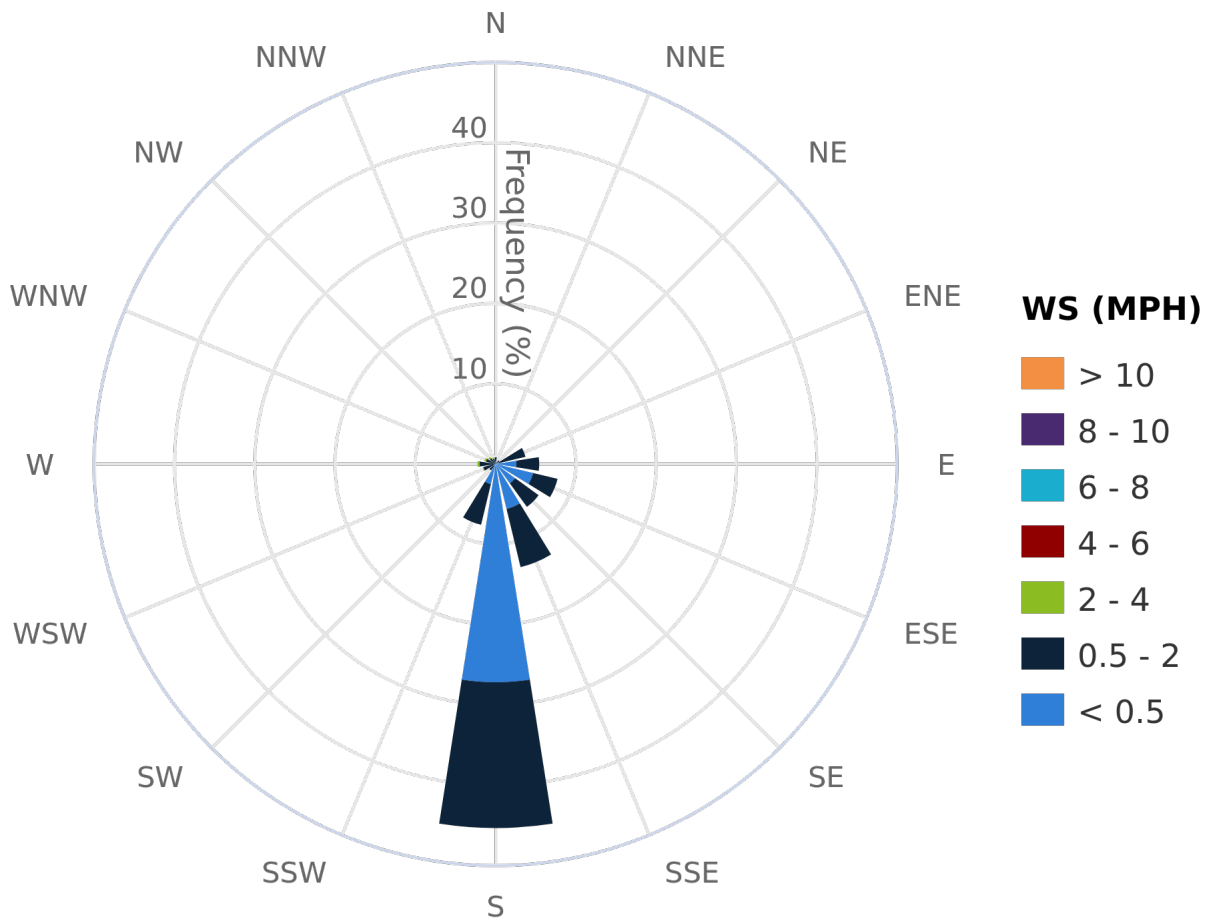


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

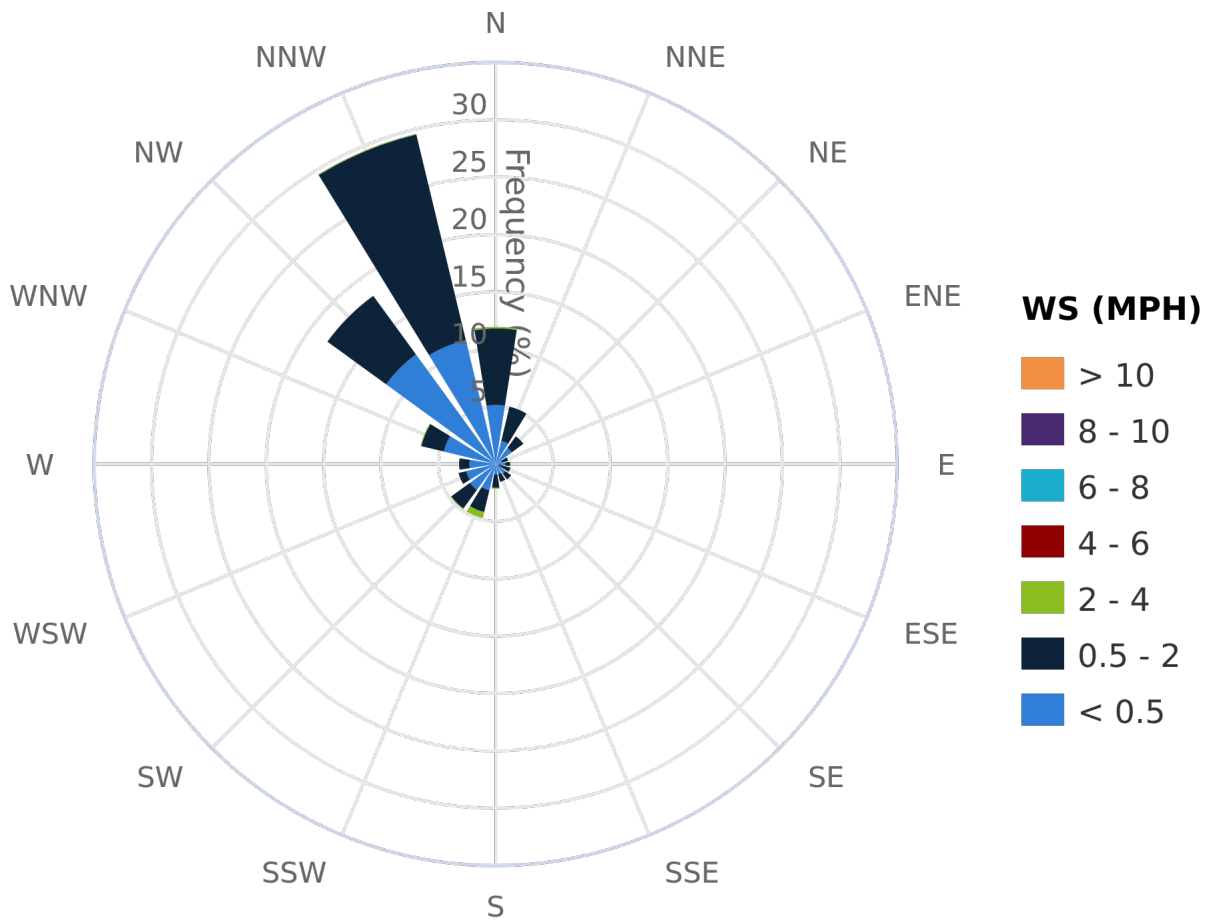


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.9	9.7	14.0	16.5	7.4	5.8	9.7	8.2	-0.082	0.000	0.003	0.000
00:15:00	16.0	13.3	15.8	15.8	8.8	8.9	9.2	9.8	-0.084	0.001	0.003	0.000
00:30:00	14.5	16.1	16.4	15.4	7.4	11.0	8.9	10.3	-0.074	0.001	0.002	0.000
00:45:00	13.6	17.7	17.0	15.4	7.5	12.8	9.1	11.4	-0.072	0.001	0.002	0.000
01:00:00	13.5	14.3	16.5	15.1	7.4	10.3	8.9	10.9	-0.072	0.001	0.000	0.000
01:15:00	12.7	11.7	14.9	13.7	7.0	8.1	8.1	9.8	-0.081	0.000	0.000	0.000
01:30:00	11.5	11.1	13.8	12.7	6.7	7.8	7.5	9.0	-0.081	0.000	0.000	0.000
01:45:00	11.7	10.1	12.9	13.2	6.6	7.0	8.0	8.3	-0.076	0.000	0.000	0.000
02:00:00	10.5	8.5	12.8	13.0	6.1	5.9	7.9	8.2	-0.072	0.000	0.000	0.000
02:15:00	10.2	8.5	12.3	13.0	5.8	5.6	7.8	7.7	-0.073	0.000	0.000	0.000
02:30:00	10.8	7.6	11.8	12.9	6.1	5.1	7.7	7.5	-0.072	0.000	0.000	0.000
02:45:00	10.9	8.5	11.1	12.7	6.2	5.6	7.6	7.0	-0.077	0.000	0.000	0.000
03:00:00	10.5	8.8	10.5	11.8	6.0	5.8	7.1	6.8	-0.075	0.000	0.000	0.000
03:15:00	9.9	8.7	10.4	11.2	5.7	5.8	6.8	6.8	-0.075	0.000	0.000	0.000
03:30:00	9.8	9.2	11.0	11.6	5.6	6.1	6.8	7.1	-0.071	0.000	0.000	0.000
03:45:00	9.8	8.3	11.7	11.1	5.5	5.6	6.4	7.4	-0.072	0.000	0.000	0.000
04:00:00	10.7	8.0	11.0	12.3	5.8	5.4	7.0	7.1	-0.074	0.000	0.000	0.000
04:15:00	10.8	8.0	10.3	17.5	5.8	5.3	9.1	6.4	-0.076	0.000	0.000	0.000
04:30:00	10.2	7.6	11.0	12.9	5.4	5.3	7.0	6.5	-0.074	0.001	0.000	0.000
04:45:00	10.1	7.8	11.8	13.1	5.3	5.2	6.9	6.8	-0.074	0.001	0.000	0.000
05:00:00	9.9	6.9	12.5	13.0	5.2	4.8	6.8	7.2	-0.072	0.000	0.000	0.000
05:15:00	9.3	6.7	12.3	14.4	5.0	4.8	7.1	7.2	-0.070	0.000	0.000	0.000
05:30:00	9.4	7.8	11.5	12.5	4.9	5.1	6.6	6.7	-0.071	0.000	0.000	0.000
05:45:00	8.9	7.0	10.2	11.1	4.8	4.8	5.7	6.1	-0.067	0.000	0.000	0.000
06:00:00	8.6	6.9	9.0	11.8	4.7	4.7	6.3	5.4	-0.067	0.000	0.000	0.000
06:15:00	8.5	6.9	8.5	10.3	4.7	4.7	5.4	5.1	-0.068	0.000	0.000	0.000
06:30:00	8.2	8.2	8.3	16.8	4.5	5.1	7.0	4.9	-0.067	0.000	0.000	0.000
06:45:00	7.5	7.9	8.8	13.4	4.2	5.0	6.0	4.9	-0.063	0.000	0.000	0.000
07:00:00	7.8	8.1	8.4	15.9	4.3	5.3	7.3	4.9	-0.062	0.000	0.000	0.000
07:15:00	8.4	10.2	9.3	14.3	4.4	6.0	6.3	4.9	-0.062	0.000	0.000	0.000
07:30:00	8.8	9.7	8.5	18.2	4.4	6.1	7.8	4.7	-0.065	0.000	0.000	0.000
07:45:00	9.9	9.0	10.4	22.1	4.5	6.5	10.6	4.9	-0.068	0.000	0.000	0.000
08:00:00	9.9	9.2	13.5	37.8	4.4	7.0	20.6	5.2	-0.076	0.001	0.000	0.000
08:15:00	85.2	11.3	13.4	55.9	12.7	7.4	28.5	4.9	-0.085	0.000	0.000	0.000
08:30:00	62.6	12.3	22.7	32.9	10.5	6.7	16.5	5.9	-0.097	0.000	0.000	0.000
08:45:00	11.0	9.7	52.8	12.2	4.5	5.0	5.3	8.3	-0.101	0.001	0.000	0.000
09:00:00	261.8	8.3	12.2	11.0	36.5	4.5	4.8	5.6	-0.099	0.000	0.000	0.000
09:15:00	12.4	8.5	9.1	9.4	4.4	4.6	3.8	4.1	-0.089	0.001	0.000	0.000
09:30:00	21.4	7.8	7.9	8.4	5.0	4.0	3.5	3.6	-0.077	0.001	0.000	0.000
09:45:00	21.0	6.6	8.1	8.2	5.4	3.3	3.4	3.6	-0.060	0.000	0.000	0.000
10:00:00	9.6	6.7	8.1	9.1	3.7	3.1	3.7	3.8	-0.042	0.000	0.000	0.000
10:15:00	8.6	6.5	7.9	9.1	3.5	3.1	3.5	3.5	-0.023	0.000	0.000	0.000
10:30:00	8.4	5.9	7.3	7.1	3.5	2.9	3.2	3.4	-0.007	0.000	0.000	0.000
10:45:00	7.8	5.5	7.2	7.1	3.3	2.7	3.2	3.4	0.007	0.001	0.000	0.001
11:00:00	7.6	5.3	6.6	6.4	3.0	2.7	3.0	3.2	-0.009	0.002	0.000	0.003
11:15:00	6.6	5.2	6.2	5.8	2.6	2.5	2.7	2.8	-0.071	0.003	0.000	0.002
11:30:00	11.7	5.8	6.6	5.7	3.2	2.6	2.6	2.9	-0.115	0.004	0.000	0.000
11:45:00	7.1		8.8	6.1	2.8		2.5	2.9	-0.170		0.000	0.000



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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	6.4		7.5	6.3	2.6		2.8	2.8	-0.248		0.000	0.000
12:15:00	31.9		6.1	6.5	5.6		2.9	2.8	-0.324		0.000	0.000
12:30:00	8.9		6.5	9.4	3.1		3.2	2.8	-0.388		0.000	0.000
12:45:00	7.5		8.6	9.7	2.9		3.4	3.2	-0.464		0.000	0.000
13:00:00	7.9		11.4	7.8	3.0		3.3	3.7	-0.508		0.000	0.000
13:15:00	7.9		11.3	8.3	3.0		3.6	3.6	-0.541		0.000	0.000
13:30:00	8.7		12.6	8.2	3.4		3.7	4.0	-0.582		0.000	0.000
13:45:00	20.9		10.3	8.3	4.8		3.9	3.8	-0.629		0.000	0.000
14:00:00	12.3		8.6	8.4	3.9		3.8	3.8	-0.628		0.000	0.000
14:15:00	23.8		8.5	8.4	5.5		4.0	3.6	-0.648		0.000	0.000
14:30:00	9.9		12.8	8.3	3.7		3.9	4.4	-0.622		0.000	0.000
14:45:00	18.8		10.1	9.9	4.7		4.3	4.1	-0.625		0.000	0.000
15:00:00	10.7		8.8	9.7	4.0		4.3	3.9	-0.614		0.000	0.000
15:15:00	10.5		9.4	9.5	4.1		4.3	4.0	-0.597		0.000	0.000
15:30:00	10.1		10.3	10.8	4.0		4.4	4.1	-0.569		0.000	0.000
15:45:00	10.8		9.1	10.0	4.1		4.3	4.0	-0.517		0.000	0.000
16:00:00	11.5		9.8	8.5	4.2		3.9	4.1	-0.509		0.000	0.000
16:15:00	9.6		8.1	12.0	3.8		4.6	4.0	-0.442		0.000	0.000
16:30:00	28.1		11.0	13.7	5.3		5.4	4.1	-0.381		0.000	0.000
16:45:00	84.7		9.6	13.7	12.9		5.4	3.9	-0.312		0.000	0.000
17:00:00	150.7		7.5	17.5	20.6		5.9	3.6	-0.215		0.000	0.001
17:15:00	15.9		27.5	10.8	4.4		4.4	5.3	-0.146		0.000	0.015
17:30:00	9.8		6.8	9.3	3.8		4.2	3.5	-0.076		0.000	0.029
17:45:00	41.3		7.5	10.4	7.7		4.3	3.6	-0.038		0.000	0.038
18:00:00	156.1		9.1	60.4	24.9		13.4	4.0	-0.018		0.000	0.037
18:15:00	50.1		15.6	47.9	10.2		11.3	5.1	-0.001		0.002	0.035
18:30:00	15.7		22.0	30.9	5.0		8.1	5.3	0.018		0.019	0.032
18:45:00	20.9		12.6	22.3	5.8		6.7	6.5	0.026		0.032	0.026
19:00:00	14.5		17.4	52.8	5.3		12.8	10.5	0.024		0.041	0.021
19:15:00	14.0		18.6	42.6	5.8		11.0	11.2	0.023		0.046	0.013
19:30:00	14.2		20.8	19.8	6.6		7.8	11.9	0.018		0.047	0.006
19:45:00	80.4		22.3	35.5	14.3		12.0	12.3	0.013		0.048	0.000
20:00:00	17.0		24.2	63.8	7.1		19.4	12.5	0.007		0.047	0.000
20:15:00	17.0		26.9	76.7	7.8		23.6	12.8	0.003		0.048	0.000
20:30:00	25.4		27.1	74.1	12.9		22.9	14.4	-0.003		0.045	0.000
20:45:00	164.6		26.1	54.3	28.9		20.6	14.7	-0.015		0.042	0.000
21:00:00	33.8		24.0	62.2	15.5		22.3	14.1	-0.028		0.038	0.000
21:15:00	32.2		20.9	50.3	16.4		20.0	12.7	-0.031		0.036	0.000
21:30:00	29.5		19.9	43.4	16.5		18.5	11.6	-0.036		0.034	0.000
21:45:00	23.9		20.8	33.2	14.0		17.3	12.0	-0.046		0.031	0.000
22:00:00	28.1		26.1	37.4	15.6		19.1	15.2	-0.047		0.027	0.000
22:15:00	24.6		26.3	29.2	12.7		16.2	16.0	-0.057		0.025	0.000
22:30:00	31.2		25.9	23.3	16.1		13.7	15.2	-0.057		0.023	0.000
22:45:00	25.8		28.2	22.7	14.2		13.1	15.2	-0.057		0.021	0.000
23:00:00	23.1		25.0	24.1	12.6		13.8	14.0	-0.059		0.020	0.000
23:15:00	22.5		21.3	24.3	12.7		13.9	12.7	-0.059		0.019	0.000
23:30:00	22.1		19.8	23.5	12.7		13.6	12.6	-0.062		0.017	0.000
23:45:00	22.4		20.0	21.5	12.7		12.9	12.8	-0.068		0.015	0.000

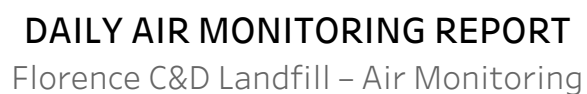


Table 4 : Summary of Exceedances (greater than Action Level) -

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