



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 26.20	2943 ESE	2693 NE	2996 SE	2997 WNW	Min : 51.62 Max : 90.50	Min : 39.70 Max : 88.40	Min : 30.01 Max : 30.23

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	8.1	11.2	4.6	6.5	0.000	0.003
2943	30.5	661.7	8.4	83.3	-0.048	0.028
2996	17.3	127.8	7.6	26.3	0.000	0.003
2997	13.6	52.9	7.0	12.8	0.001	0.017



Figure 1 : Monitoring Locations

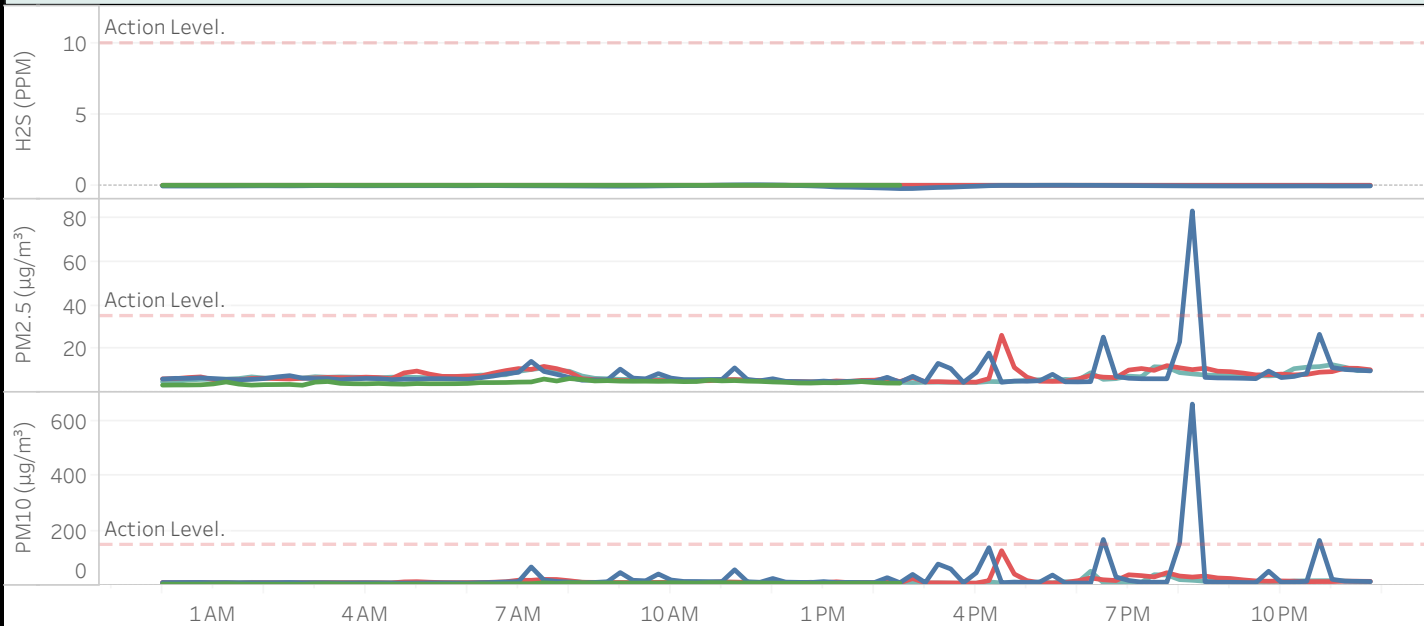


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

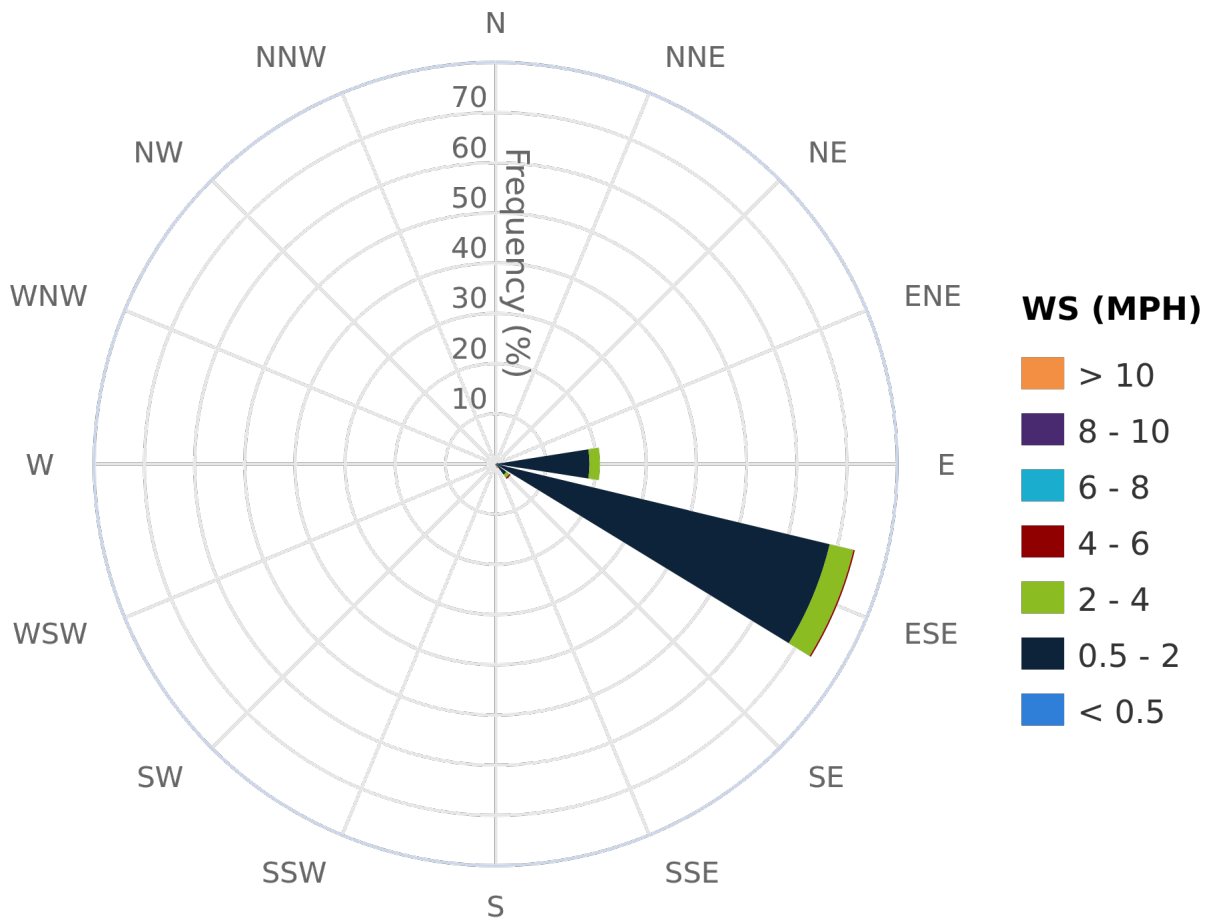


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-05

Wind Rose Chart 2693

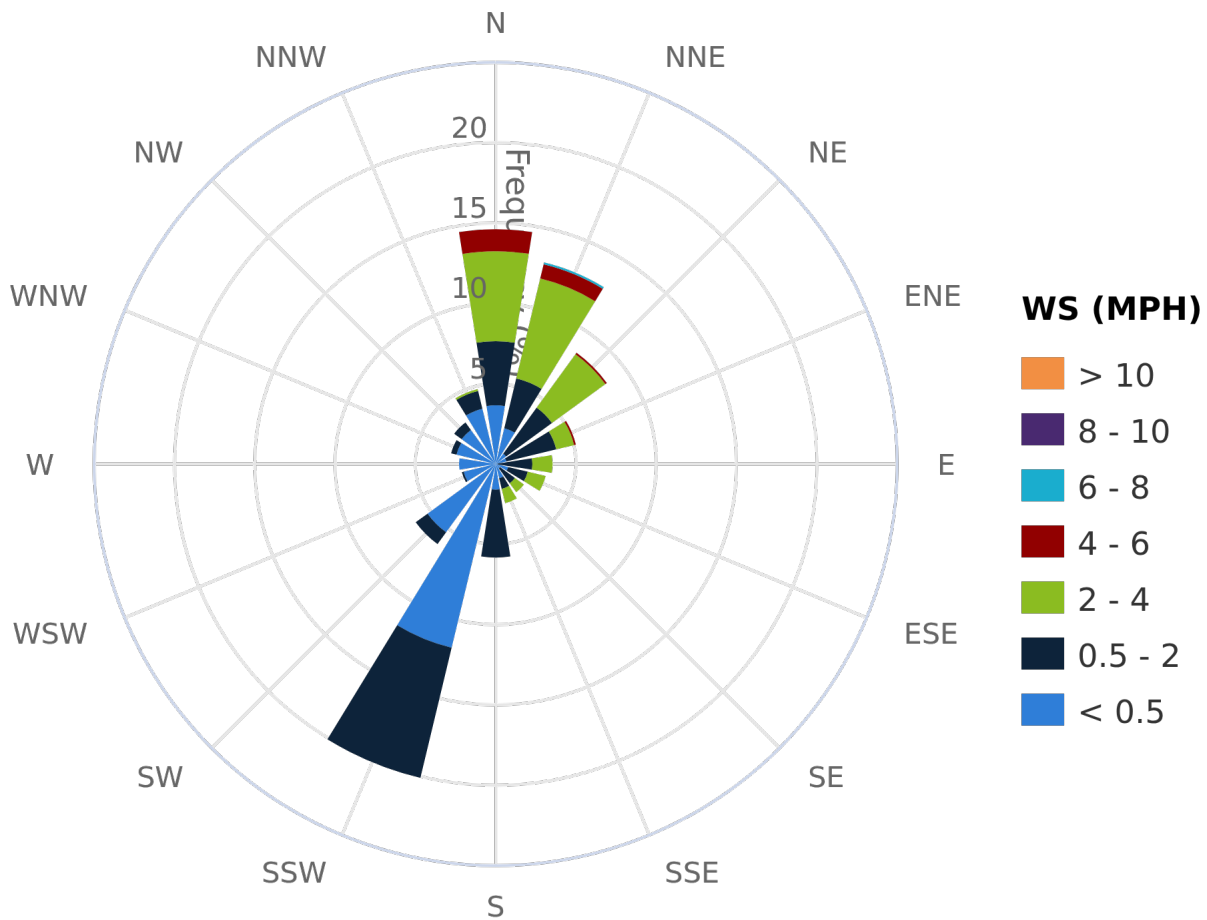


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-11-06

Wind Rose Chart 2996

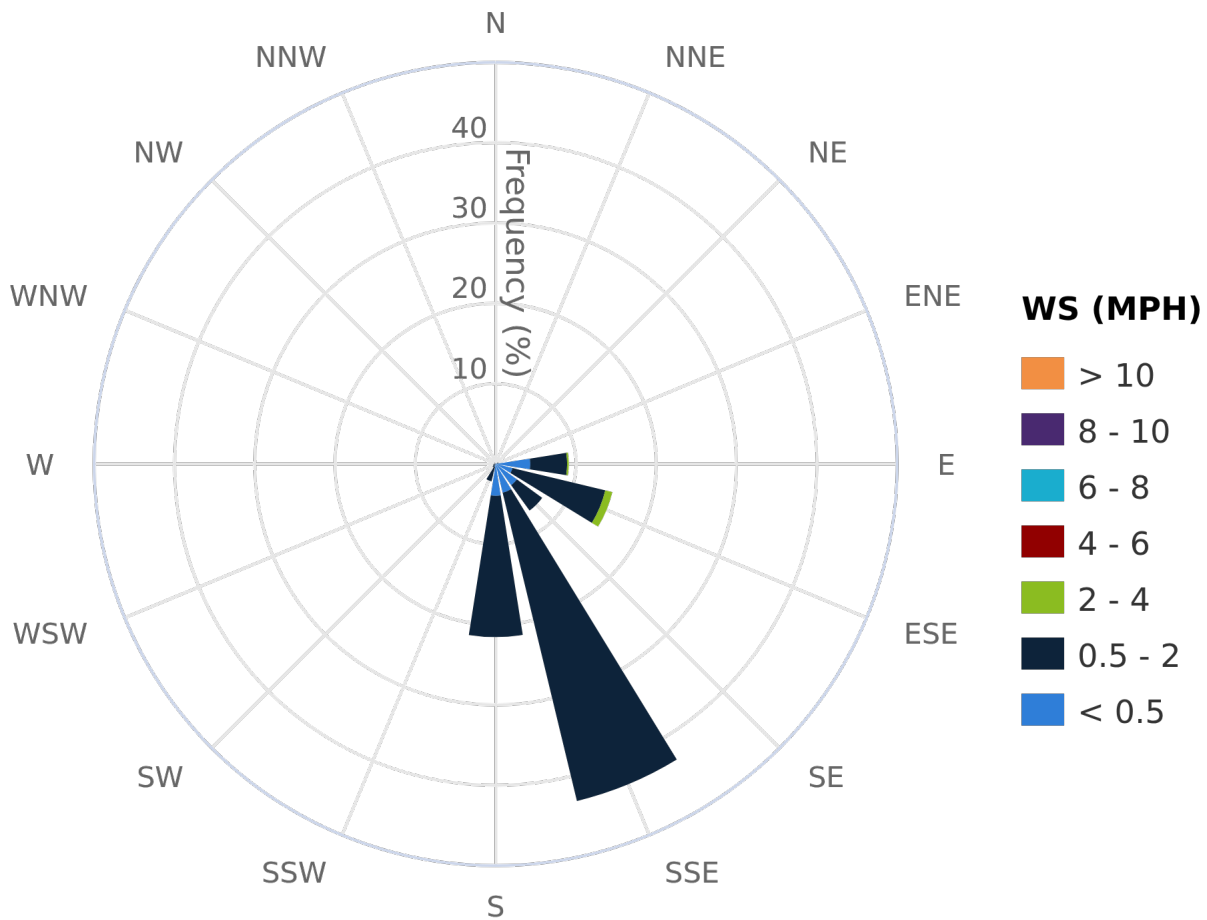


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

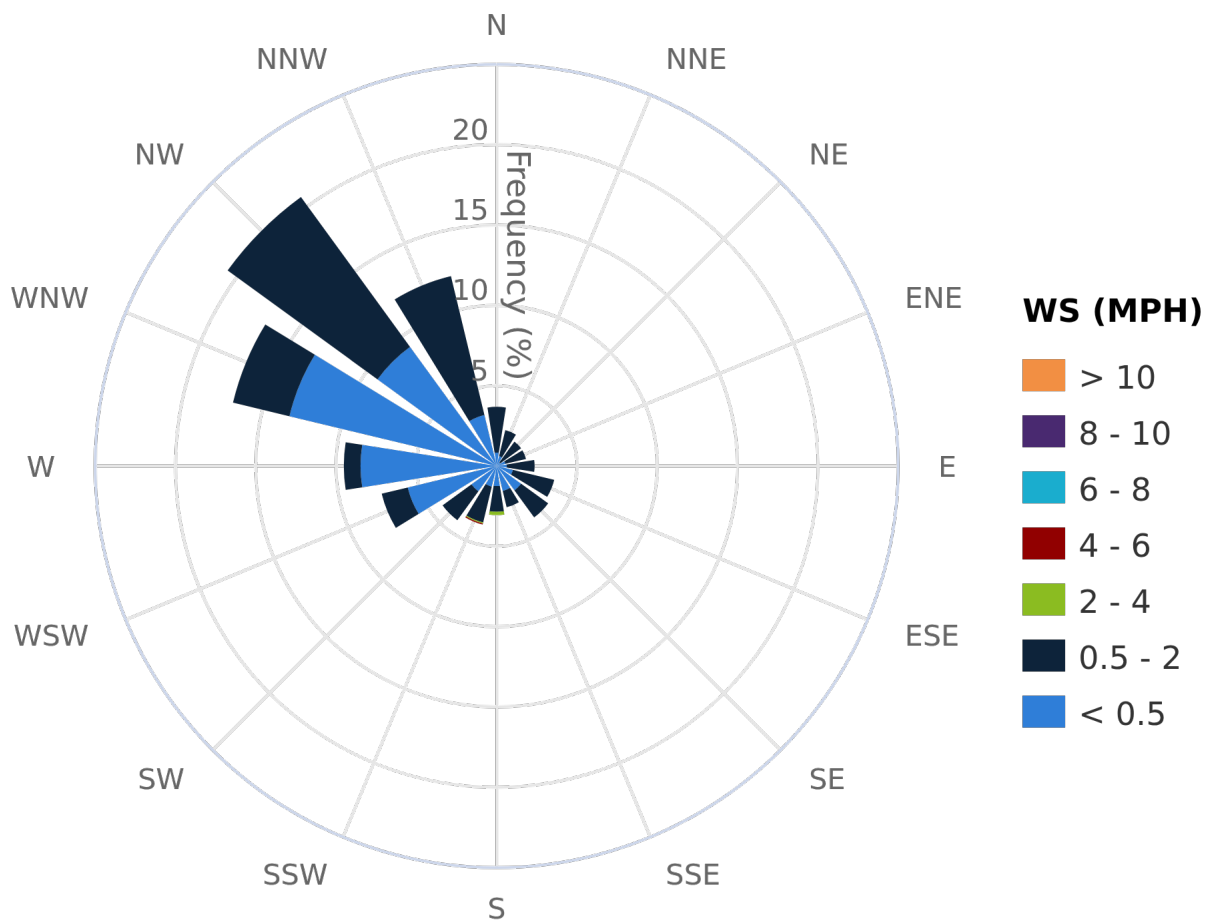


Figure 3 : Wind Rose Chart (WS in MPH)



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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	11.6	6.4	10.0	11.8	6.2	3.4	6.3	5.0	-0.053	0.000	0.000	0.000
00:15:00	11.9	6.0	9.7	11.2	6.6	3.5	6.4	5.1	-0.054	0.000	0.000	0.000
00:30:00	12.0	6.1	10.8	11.5	6.5	3.5	6.9	5.8	-0.055	0.000	0.000	0.000
00:45:00	12.1	6.3	11.3	11.6	6.8	3.6	7.2	6.1	-0.054	0.000	0.000	0.000
01:00:00	11.4	6.6	11.3	10.8	6.5	4.0	6.0	6.2	-0.053	0.000	0.000	0.000
01:15:00	11.5	7.7	11.9	10.4	6.1	4.9	5.9	6.2	-0.051	0.001	0.000	0.000
01:30:00	10.7	6.5	11.3	9.7	5.9	3.9	5.9	6.5	-0.046	0.001	0.000	0.000
01:45:00	10.9	5.9	12.5	10.7	6.1	3.4	6.5	7.2	-0.042	0.000	0.000	0.000
02:00:00	10.9	6.0	11.9	11.0	6.5	3.7	6.6	6.7	-0.038	0.001	0.000	0.000
02:15:00	11.2	5.9	11.6	10.7	7.2	3.7	6.4	6.7	-0.040	0.001	0.000	0.000
02:30:00	11.9	6.0	11.0	10.6	7.8	3.8	6.3	6.4	-0.042	0.000	0.000	0.000
02:45:00	10.9	5.7	11.3	11.1	6.7	3.4	6.6	6.7	-0.036	0.000	0.000	0.000
03:00:00	11.0	7.2	11.8	11.1	6.4	4.8	6.7	7.3	-0.025	0.000	0.000	0.000
03:15:00	10.8	7.6	11.4	11.2	6.4	5.1	7.0	7.1	-0.025	0.000	0.001	0.000
03:30:00	10.1	6.6	11.6	11.1	5.9	4.2	6.9	7.2	-0.033	0.000	0.000	0.000
03:45:00	10.3	6.2	11.2	11.2	6.3	4.1	6.8	7.1	-0.034	0.000	0.000	0.000
04:00:00	10.6	6.1	11.0	11.3	6.5	4.0	7.1	7.0	-0.036	0.000	0.000	0.000
04:15:00	10.3	6.5	10.9	11.0	6.4	4.2	6.9	6.8	-0.033	0.000	0.000	0.000
04:30:00	9.8	6.2	10.9	10.5	5.9	4.0	6.4	7.1	-0.032	0.000	0.000	0.000
04:45:00	9.7	5.9	10.8	14.1	6.2	3.9	9.1	7.1	-0.030	0.000	0.000	0.000
05:00:00	9.9	6.3	11.1	14.9	6.1	4.2	9.9	7.0	-0.030	0.000	0.000	0.000
05:15:00	10.6	6.0	10.6	13.0	6.4	4.1	8.5	6.9	-0.029	0.000	0.000	0.000
05:30:00	10.4	6.4	10.8	11.6	6.4	4.1	7.5	7.3	-0.029	0.001	0.000	0.000
05:45:00	10.0	6.1	11.3	11.2	6.3	4.1	7.4	7.4	-0.033	0.000	0.000	0.000
06:00:00	9.7	6.6	11.0	11.4	6.1	4.2	7.7	7.4	-0.034	0.000	0.000	0.000
06:15:00	11.2	7.1	12.1	11.3	6.8	4.6	7.6	8.0	-0.027	0.000	0.000	0.000
06:30:00	12.1	6.9	12.2	13.0	7.6	4.6	9.0	8.1	-0.024	0.000	0.000	0.000
06:45:00	13.8	7.3	12.7	14.7	8.7	4.7	10.1	8.2	-0.031	0.000	0.000	0.000
07:00:00	15.2	7.4	15.9	20.2	9.3	4.8	11.0	9.8	-0.035	0.000	0.000	0.000
07:15:00	68.5	7.5	17.1	19.9	14.4	4.9	10.7	10.6	-0.038	0.000	0.000	0.000
07:30:00	21.2	10.6	20.0	23.3	9.7	6.2	12.0	11.3	-0.042	0.001	0.000	0.000
07:45:00	16.0	8.3	16.3	22.9	8.4	5.3	11.0	10.2	-0.044	0.000	0.000	0.000
08:00:00	13.5	10.9	15.5	18.3	7.0	6.5	9.4	9.8	-0.050	0.000	0.000	0.000
08:15:00	10.6	10.6	13.0	12.9	5.7	6.0	6.4	7.6	-0.053	0.000	0.000	0.000
08:30:00	12.3	10.2	11.0	12.5	5.8	5.4	6.0	6.6	-0.058	0.000	0.000	0.000
08:45:00	14.7	9.9	11.1	11.9	5.9	5.5	5.7	6.4	-0.063	0.000	0.000	0.000
09:00:00	48.1	10.0	11.3	11.8	10.8	5.3	5.6	6.1	-0.065	0.000	0.000	0.000
09:15:00	20.0	9.5	11.8	11.3	6.7	5.2	5.5	6.1	-0.062	0.000	0.000	0.000
09:30:00	18.0	9.9	12.3	11.6	6.3	5.2	5.5	6.2	-0.057	0.000	0.000	0.000
09:45:00	42.8	10.2	12.5	12.0	8.7	5.2	5.6	6.1	-0.044	0.000	0.000	0.000
10:00:00	21.0	10.9	12.6	12.0	6.7	5.2	5.5	6.0	-0.034	0.001	0.000	0.000
10:15:00	15.7	10.5	12.9	12.9	5.9	5.0	5.7	5.8	-0.026	0.000	0.000	0.000
10:30:00	15.6	9.7	12.6	12.3	5.9	5.1	5.4	5.8	-0.013	0.000	0.000	0.000
10:45:00	15.0	11.2	12.8	12.5	6.0	5.7	5.5	6.0	-0.001	0.000	0.000	0.000
11:00:00	14.8	10.9	13.7	14.0	6.0	5.4	5.9	6.1	0.013	0.000	0.000	0.005
11:15:00	58.3	10.8	12.6	13.4	11.4	5.5	6.0	6.0	0.021	0.001	0.000	0.012
11:30:00	14.7	9.9	11.8	12.6	6.0	5.3	5.8	5.7	0.026	0.000	0.000	0.017
11:45:00	12.8	10.1	11.9	12.1	5.5	5.2	5.5	5.5	0.028	0.000	0.000	0.014



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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	26.5	9.5	11.1	11.5	6.4	4.9	5.3	5.2	0.023	0.001	0.000	0.002
12:15:00	13.4	9.2	10.9	12.6	5.2	4.7	5.1	5.0	0.010	0.001	0.000	0.000
12:30:00	12.5	9.0	11.0	11.3	5.1	4.4	5.1	4.9	-0.022	0.002	0.000	0.000
12:45:00	12.0	8.6	12.9	11.1	4.9	4.4	4.9	5.0	-0.041	0.002	0.000	0.000
13:00:00	15.2	8.7	10.2	11.1	5.3	4.6	4.9	4.6	-0.071	0.002	0.000	0.000
13:15:00	11.9	8.7	10.3	14.5	5.0	4.5	5.4	4.7	-0.122	0.002	0.000	0.000
13:30:00	12.4	9.3	10.3	11.4	5.2	4.9	5.1	4.7	-0.132	0.002	0.000	0.000
13:45:00	11.9	9.5	10.7	12.2	5.3	5.0	5.6	5.1	-0.153	0.003	0.000	0.000
14:00:00	12.0	9.1	10.6	11.5	5.2	4.6	5.7	5.0	-0.177	0.002	0.000	0.000
14:15:00	29.5	8.5	10.3	17.0	7.1	4.4	6.5	5.0	-0.203	0.002	0.000	0.000
14:30:00	11.1	9.0	9.8	10.6	4.8	4.4	5.1	4.7	-0.233	0.002	0.000	0.000
14:45:00	41.4		9.5	26.2	7.5		7.0	4.6	-0.228		0.000	0.000
15:00:00	11.3		9.9	10.9	4.8		5.0	4.8	-0.188		0.000	0.000
15:15:00	79.1		10.5	10.7	13.4		5.0	4.8	-0.153		0.000	0.000
15:30:00	61.2		9.8	10.4	11.0		4.9	4.7	-0.136		0.000	0.000
15:45:00	11.1		9.3	9.8	4.7		4.8	4.6	-0.096		0.000	0.000
16:00:00	47.0		9.3	9.8	9.2		4.8	4.7	-0.067		0.000	0.000
16:15:00	138.7		14.4	18.8	18.2		6.4	5.1	-0.030		0.000	0.000
16:30:00	11.1		9.9	127.8	4.8		26.3	5.0	-0.011		0.000	0.003
16:45:00	13.5		10.2	42.6	5.3		11.5	5.2	-0.012		0.000	0.004
17:00:00	12.0		10.8	18.7	5.2		7.1	5.6	-0.011		0.000	0.002
17:15:00	13.6		13.6	11.0	5.5		5.2	5.9	-0.001		0.000	0.000
17:30:00	39.1		10.8	10.3	8.4		5.1	5.5	0.001		0.000	0.000
17:45:00	10.2		14.8	12.2	5.0		5.2	6.1	0.001		0.000	0.001
18:00:00	10.0		12.7	18.5	4.9		6.3	5.7	-0.002		0.001	0.000
18:15:00	9.9		52.9	28.3	5.0		7.8	9.1	-0.004		0.003	0.000
18:30:00	168.6		11.4	21.8	25.5		7.1	6.1	-0.008		0.003	0.000
18:45:00	31.9		11.3	19.1	7.5		6.9	6.4	-0.015		0.002	0.000
19:00:00	19.4		13.8	40.0	6.6		10.4	7.6	-0.020		0.002	0.000
19:15:00	13.2		13.0	36.9	6.4		11.1	7.3	-0.027		0.001	0.000
19:30:00	13.0		40.2	32.2	6.4		10.2	11.9	-0.032		0.000	0.000
19:45:00	13.3		39.4	47.5	6.4		12.4	11.6	-0.038		0.000	0.000
20:00:00	156.0		22.4	35.5	23.3		11.4	9.2	-0.042		0.000	0.000
20:15:00	661.7		20.0	31.7	83.3		10.5	8.6	-0.047		0.000	0.000
20:30:00	14.8		16.7	35.5	7.0		11.2	8.1	-0.049		0.000	0.000
20:45:00	12.9		15.5	28.4	6.7		9.8	8.0	-0.051		0.000	0.000
21:00:00	12.6		14.8	26.5	6.7		9.6	7.8	-0.052		0.000	0.000
21:15:00	12.0		14.5	21.5	6.6		9.0	7.8	-0.053		0.000	0.000
21:30:00	11.5		14.3	17.6	6.4		8.1	7.8	-0.052		0.000	0.000
21:45:00	52.9		14.3	16.7	9.9		8.2	7.7	-0.052		0.000	0.000
22:00:00	12.6		14.0	17.6	6.9		8.5	7.9	-0.052		0.000	0.000
22:15:00	13.7		17.3	16.9	7.4		8.1	11.0	-0.051		0.000	0.000
22:30:00	16.1		18.2	15.0	8.8		8.4	11.7	-0.049		0.000	0.000
22:45:00	165.2		18.4	15.2	26.7		9.4	11.9	-0.049		0.000	0.000
23:00:00	23.4		18.7	15.2	11.5		9.6	12.8	-0.053		0.000	0.000
23:15:00	16.9		17.3	16.8	10.6		11.2	11.6	-0.052		0.000	0.000
23:30:00	16.3		15.2	16.6	10.3		11.1	10.1	-0.052		0.000	0.000
23:45:00	15.3		15.3	16.1	10.0		10.5	10.3	-0.047		0.000	0.000

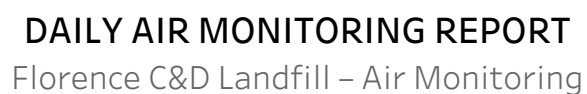


Table 4 : Summary of Exceedances (greater than Action Level) -

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