



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-10

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 10.98	2943 ENE	3277 SW	2996 SSE	2997 WSW	Min : 55.94 Max : 71.06	Min : 78.70 Max : 94.40	Min : 30.11 Max : 30.33

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	10.2	16.1	5.3	7.7	0.000	0.000
2996	11.6	17.2	5.3	9.5	0.000	0.000
2997	13.1	22.0	5.5	10.6	0.000	0.000
3277	10.4	16.9	6.8	11.9	0.000	0.001

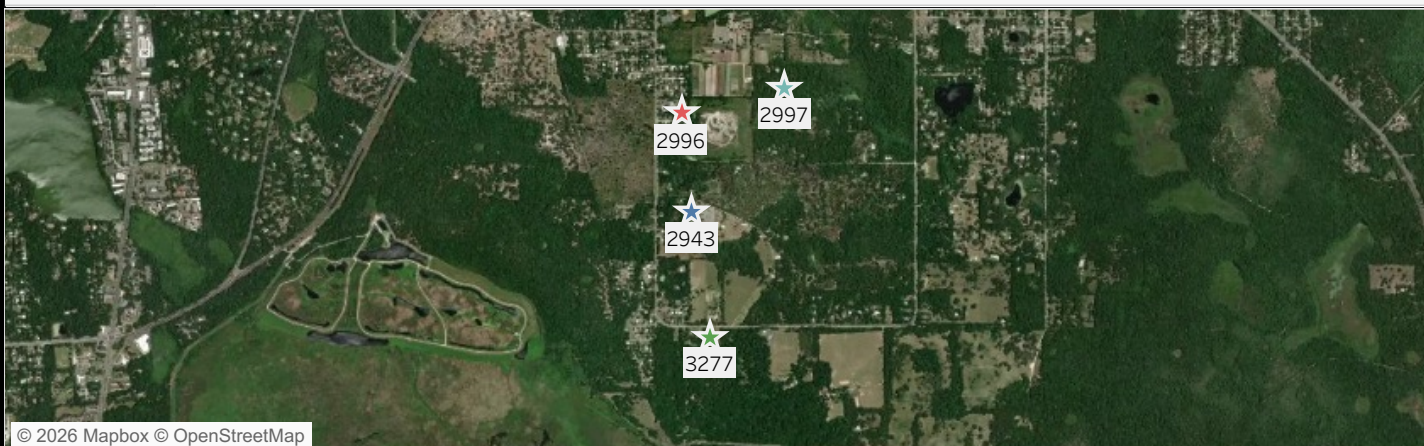


Figure 1 : Monitoring Locations

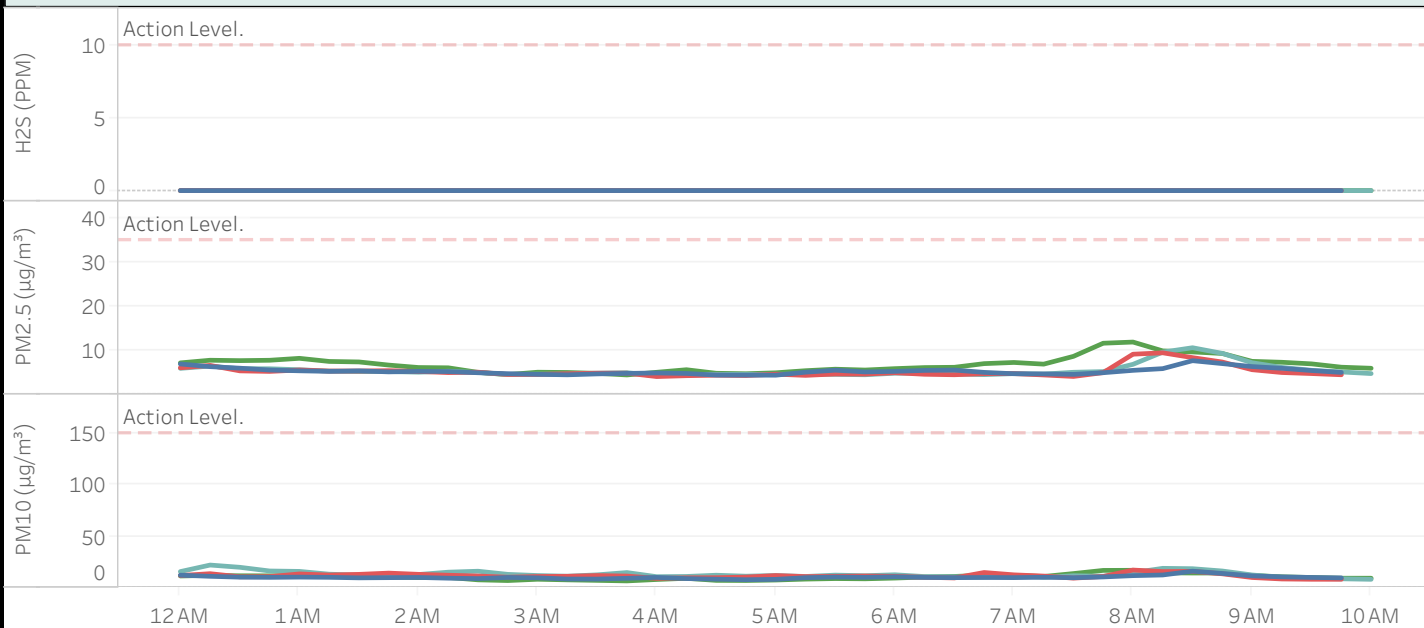


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

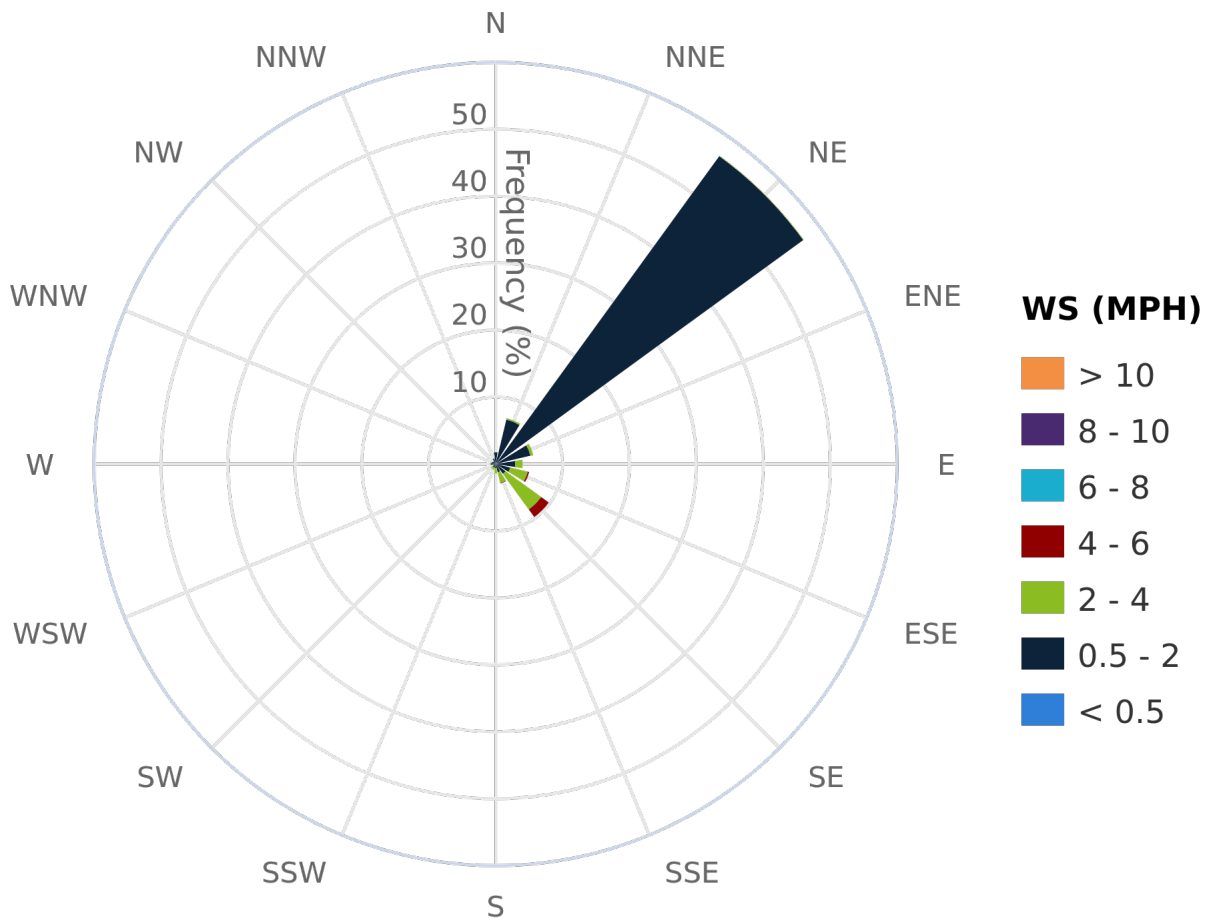


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

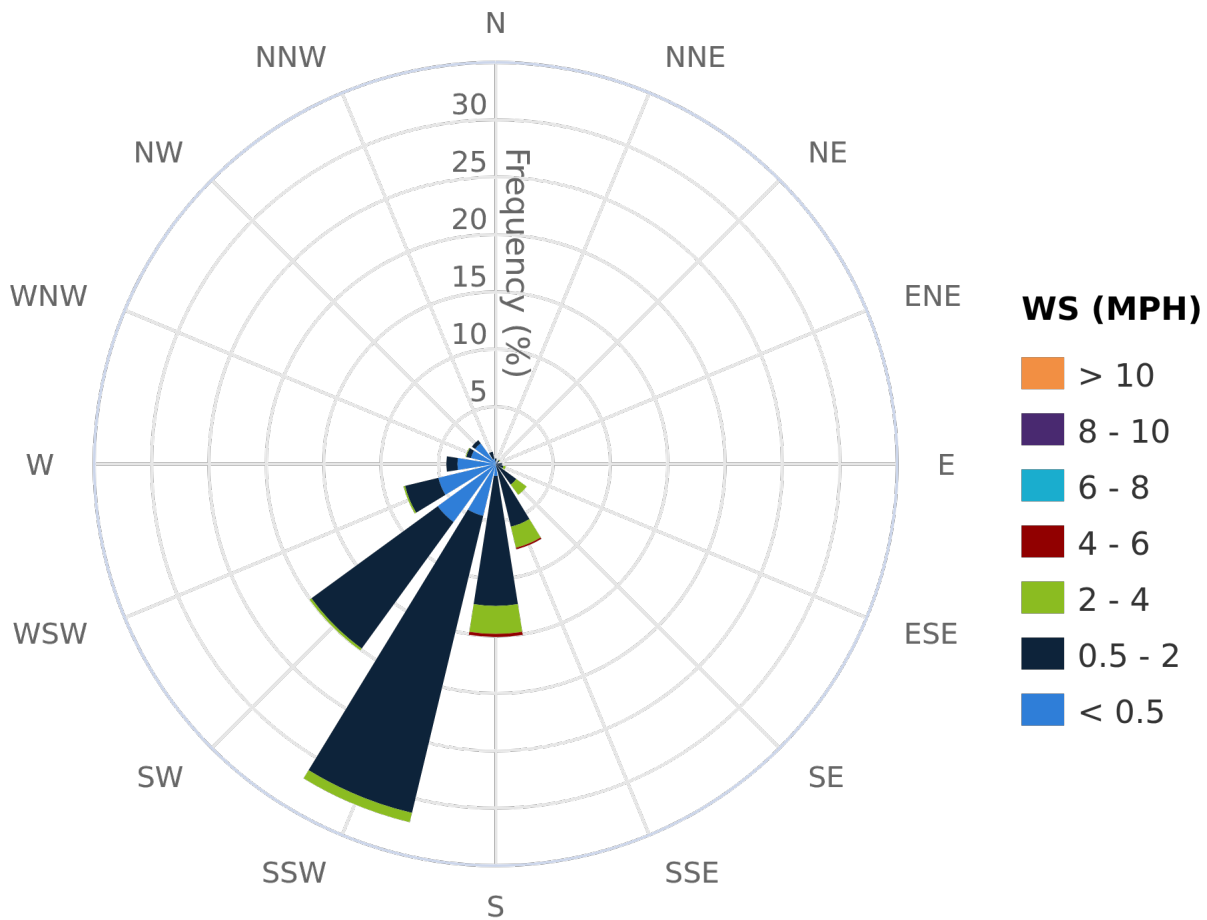


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

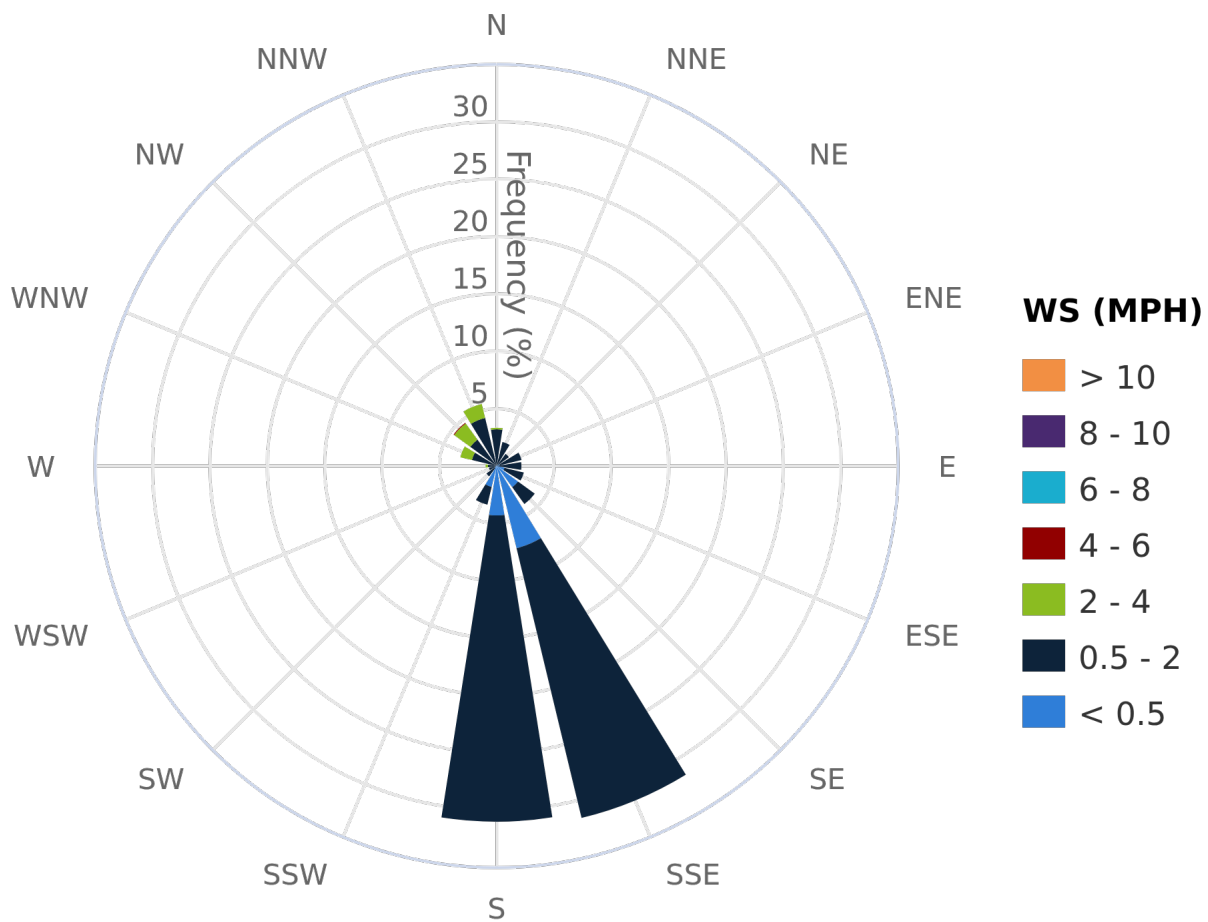


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

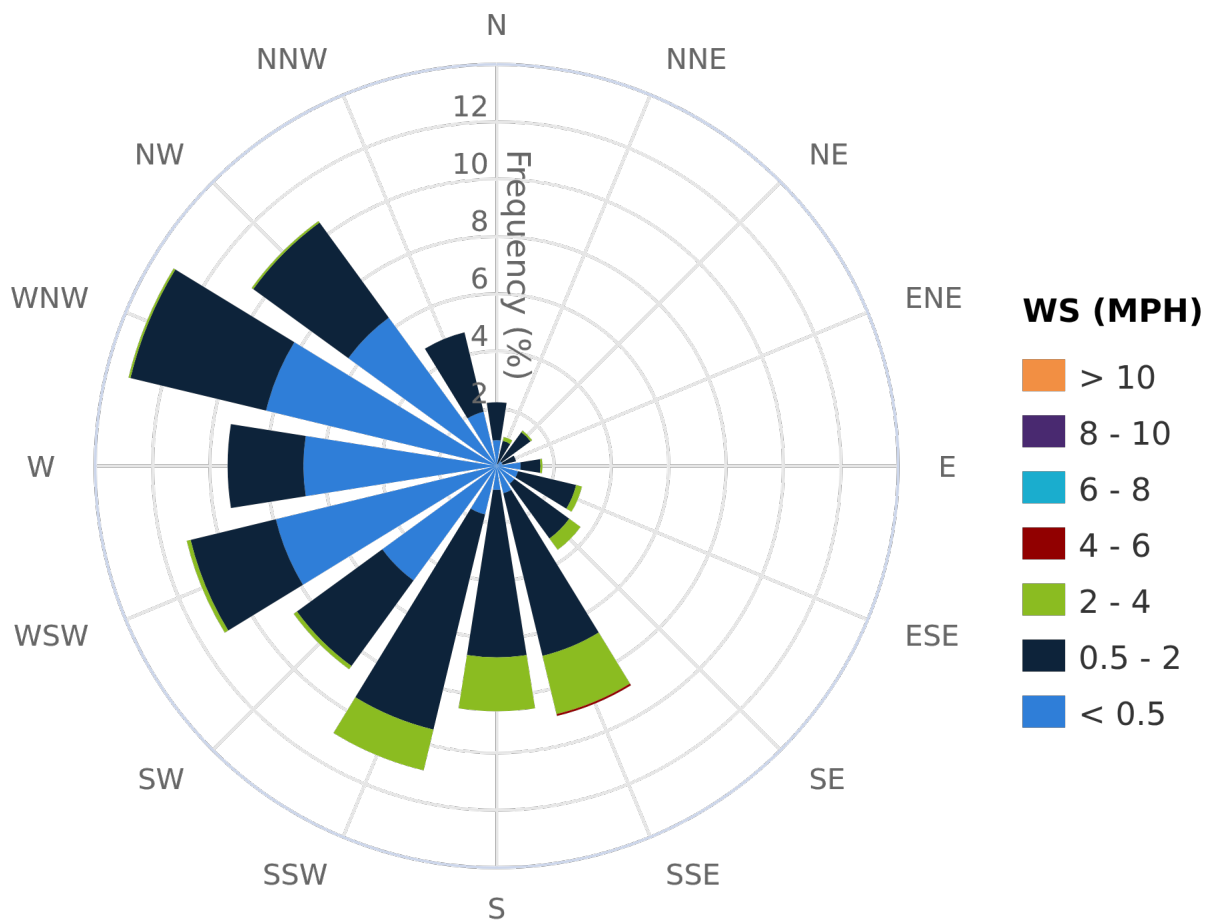


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	12.2	11.4	15.7	11.9	6.9	7.2	6.1	5.9	0.000	0.000	0.000	0.000
00:15:00	11.1	12.0	22.0	13.6	6.3	7.8	6.6	6.5	0.000	0.000	0.000	0.000
00:30:00	10.3	11.6	19.8	10.6	6.0	7.7	5.4	5.9	0.000	0.000	0.000	0.000
00:45:00	10.1	11.6	16.3	10.8	5.6	7.8	5.2	5.8	0.000	0.000	0.000	0.000
01:00:00	10.3	12.0	15.9	13.4	5.4	8.2	5.6	5.6	0.000	0.000	0.000	0.000
01:15:00	10.1	11.5	13.2	12.3	5.3	7.5	5.3	5.3	0.000	0.000	0.000	0.000
01:30:00	9.6	11.4	12.3	13.0	5.4	7.4	5.3	5.2	0.000	0.000	0.000	0.000
01:45:00	9.8	10.5	12.4	14.2	5.1	6.7	5.4	5.2	0.000	0.000	0.000	0.000
02:00:00	10.0	9.8	12.8	13.0	5.3	6.1	5.2	5.1	0.000	0.000	0.000	0.000
02:15:00	9.3	10.0	15.1	12.1	5.2	6.1	5.0	5.3	0.000	0.000	0.000	0.000
02:30:00	8.9	7.7	16.0	11.4	4.9	5.0	5.1	5.0	0.000	0.000	0.000	0.000
02:45:00	10.0	7.0	13.0	10.2	4.7	4.5	4.6	4.5	0.000	0.000	0.000	0.000
03:00:00	9.6	8.3	11.9	10.9	4.6	5.1	4.6	4.6	0.000	0.000	0.000	0.000
03:15:00	8.5	7.7	11.2	11.1	4.5	5.0	4.7	4.6	0.000	0.000	0.000	0.000
03:30:00	8.4	7.2	12.5	11.8	4.7	4.8	4.9	4.9	0.000	0.000	0.000	0.000
03:45:00	9.2	6.6	14.7	11.3	4.8	4.5	4.9	5.0	0.000	0.000	0.000	0.000
04:00:00	10.0	8.0	10.7	9.1	4.9	5.1	4.1	4.2	0.000	0.000	0.000	0.000
04:15:00	8.9	9.2	11.0	9.6	4.8	5.6	4.3	4.6	0.000	0.000	0.000	0.000
04:30:00	8.4	7.2	12.2	9.7	4.4	4.8	4.4	4.6	0.000	0.000	0.000	0.000
04:45:00	7.8	7.0	11.2	10.3	4.4	4.7	4.3	4.6	0.000	0.000	0.000	0.000
05:00:00	8.2	7.5	11.9	11.8	4.4	4.9	4.6	4.6	0.000	0.000	0.000	0.000
05:15:00	9.8	8.4	11.0	10.8	5.1	5.4	4.4	4.6	0.000	0.000	0.000	0.000
05:30:00	10.4	8.9	12.3	11.0	5.5	5.8	4.7	4.6	0.000	0.000	0.000	0.000
05:45:00	10.1	8.7	11.7	11.3	5.1	5.6	4.6	4.5	0.000	0.000	0.000	0.000
06:00:00	10.6	9.4	12.6	11.0	5.3	5.9	5.0	4.8	0.000	0.001	0.000	0.000
06:15:00	10.0	10.4	10.9	10.2	5.5	6.1	4.6	4.8	0.000	0.001	0.000	0.000
06:30:00	9.8	11.0	10.6	9.5	5.6	6.2	4.5	4.7	0.000	0.000	0.000	0.000
06:45:00	10.0	12.1	10.2	14.8	5.0	7.0	4.7	4.5	0.000	0.001	0.000	0.000
07:00:00	9.8	12.0	11.9	12.5	4.7	7.3	4.8	4.7	0.000	0.001	0.000	0.000
07:15:00	10.2	10.9	10.1	11.3	4.7	6.9	4.4	4.7	0.000	0.000	0.000	0.000
07:30:00	9.7	13.8	11.7	9.3	4.6	8.7	4.1	5.1	0.000	0.000	0.000	0.000
07:45:00	10.5	16.8	11.2	10.9	5.0	11.6	5.0	5.2	0.000	0.000	0.000	0.000
08:00:00	11.7	16.9	14.7	17.2	5.5	11.9	9.1	6.9	0.000	0.000	0.000	0.000
08:15:00	12.4	14.5	18.8	15.7	5.9	9.9	9.5	9.6	0.000	0.000	0.000	0.000
08:30:00	16.1	14.3	18.5	15.9	7.7	9.6	8.4	10.6	0.000	0.000	0.000	0.000
08:45:00	13.9	14.3	16.2	13.5	7.0	9.3	7.4	9.3	0.000	0.000	0.000	0.000
09:00:00	11.5	11.9	12.4	9.9	6.3	7.5	5.6	7.2	0.000	0.000	0.000	0.000
09:15:00	10.6	10.6	10.1	8.5	6.0	7.3	5.0	6.2	0.000	0.000	0.000	0.000
09:30:00	10.0	9.9	9.0	8.2	5.4	7.0	4.8	5.5	0.000	0.000	0.000	0.000
09:45:00	9.6	9.3	8.7	8.2	5.0	6.2	4.5	5.1	0.000	0.000	0.000	0.000
10:00:00		9.3	8.2			6.0		4.8		0.000		0.000

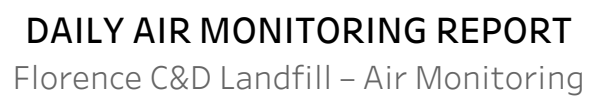


Table 3 : 15 Minute Average Concentrations (PM)



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