



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-31

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 9.395	2943 NNE	3277 SW	2996 W	2997 NW	Min : 25.70 Max : 63.68	Min : 29.60 Max : 77.20	Min : 29.05 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	27.0	204.9	10.9	25.4	0.012	0.044
2996	17.3	40.8	9.2	17.0	0.007	0.035
2997	27.3	92.9	12.2	23.6	0.007	0.031
3277	22.2	37.4	15.6	33.8	0.002	0.010

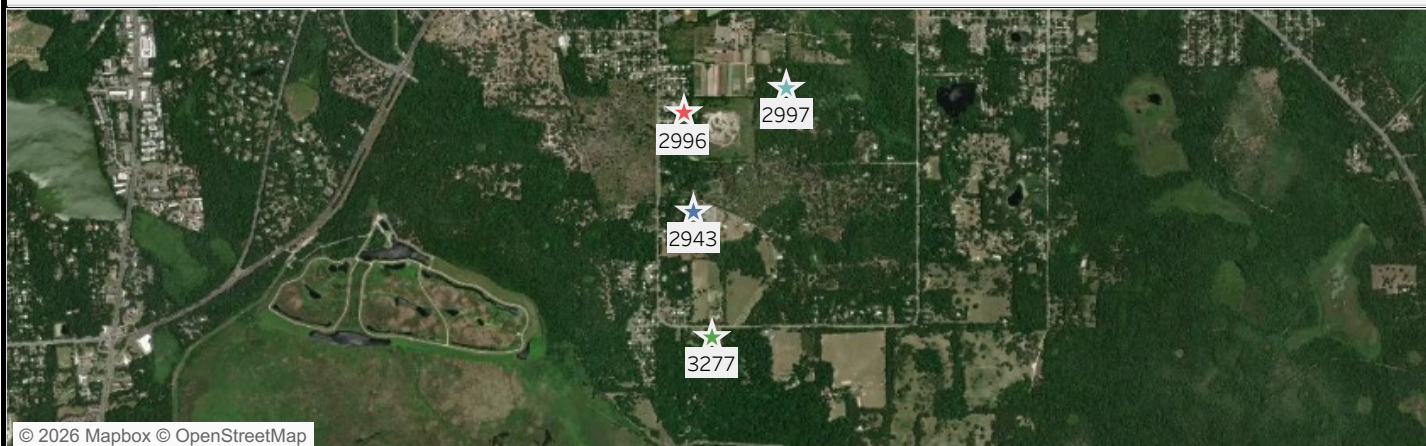
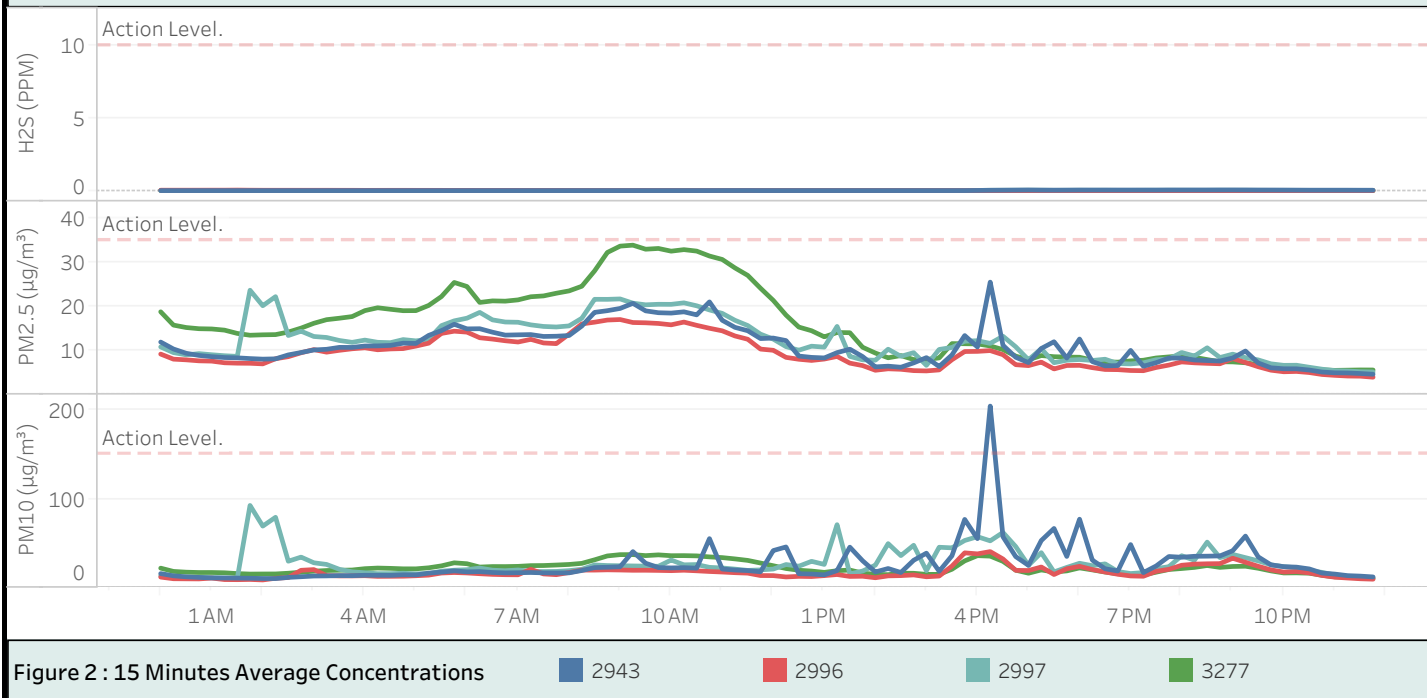


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

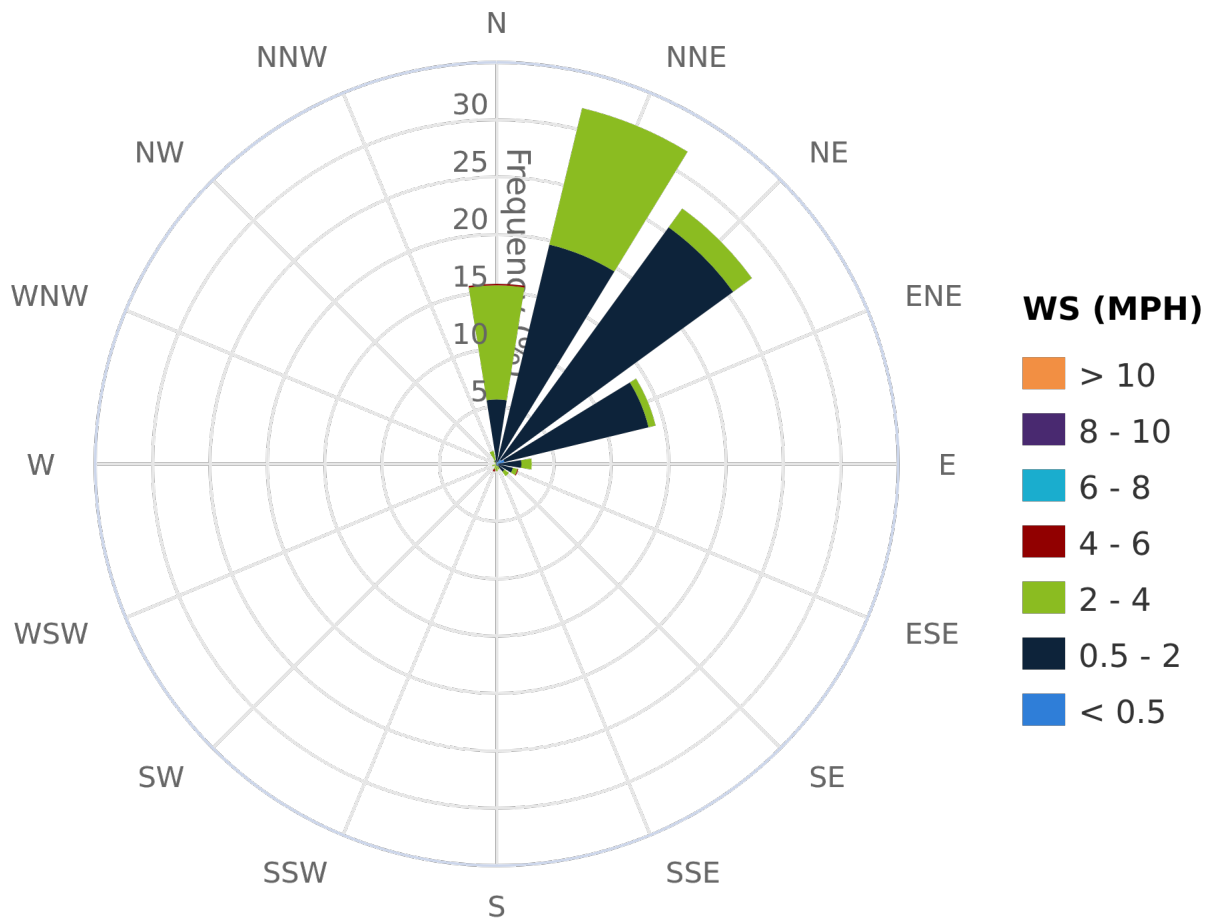


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

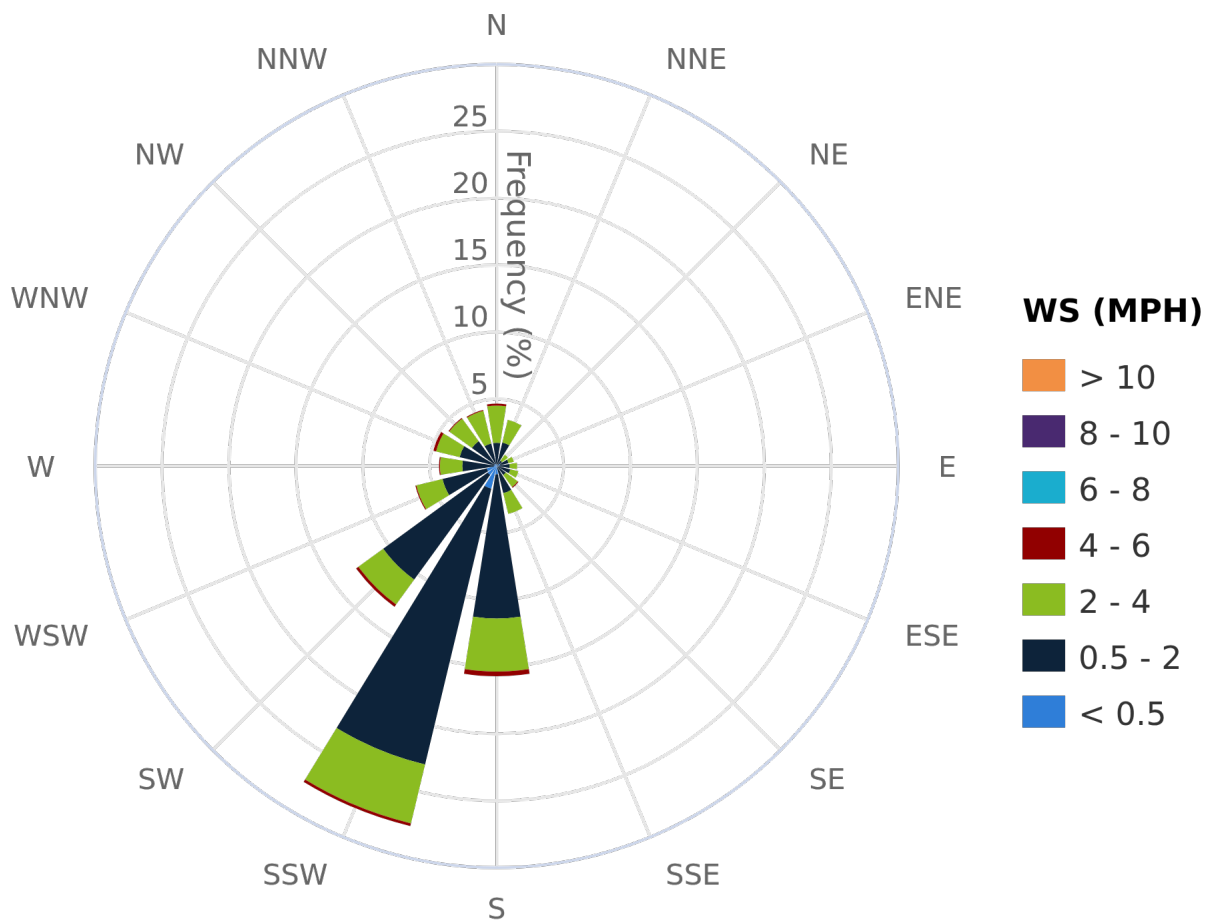


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

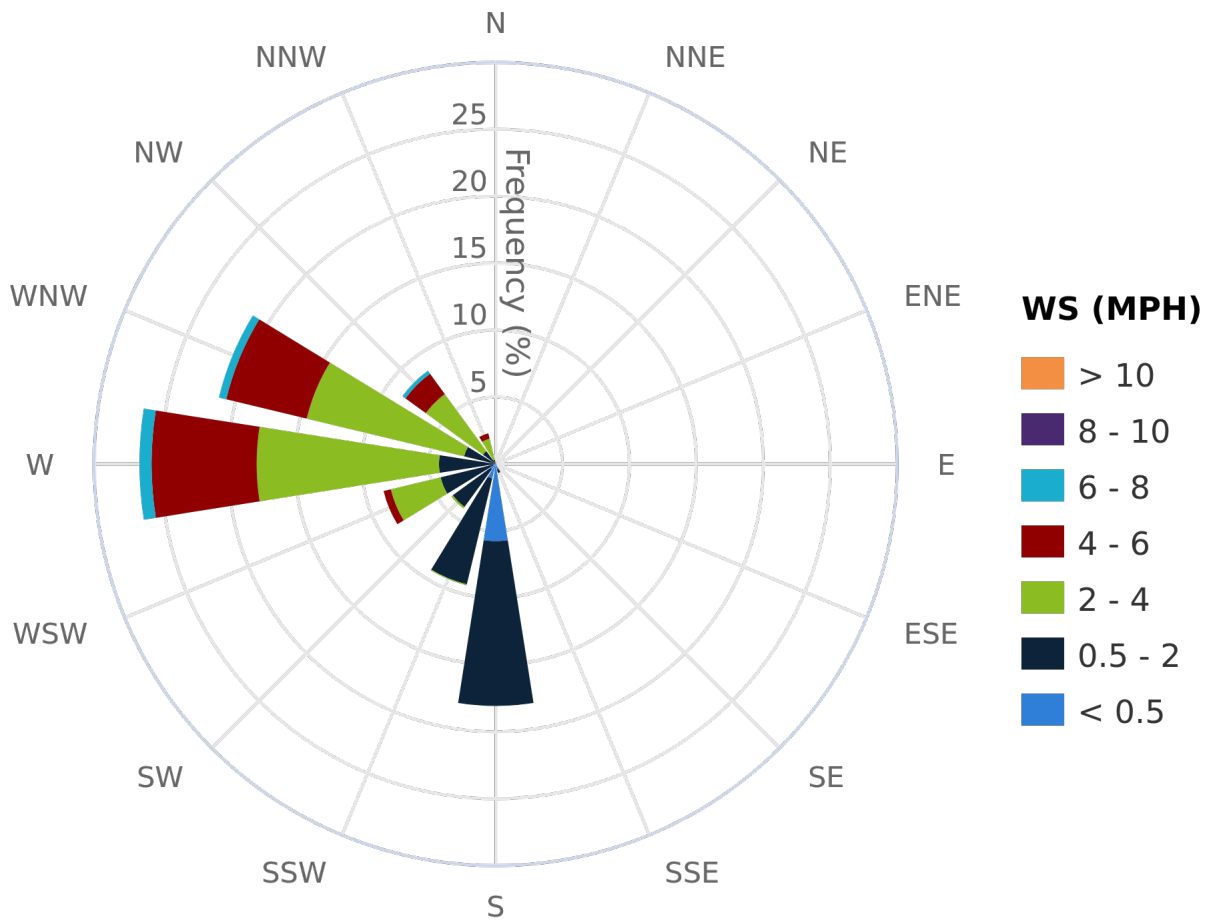


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

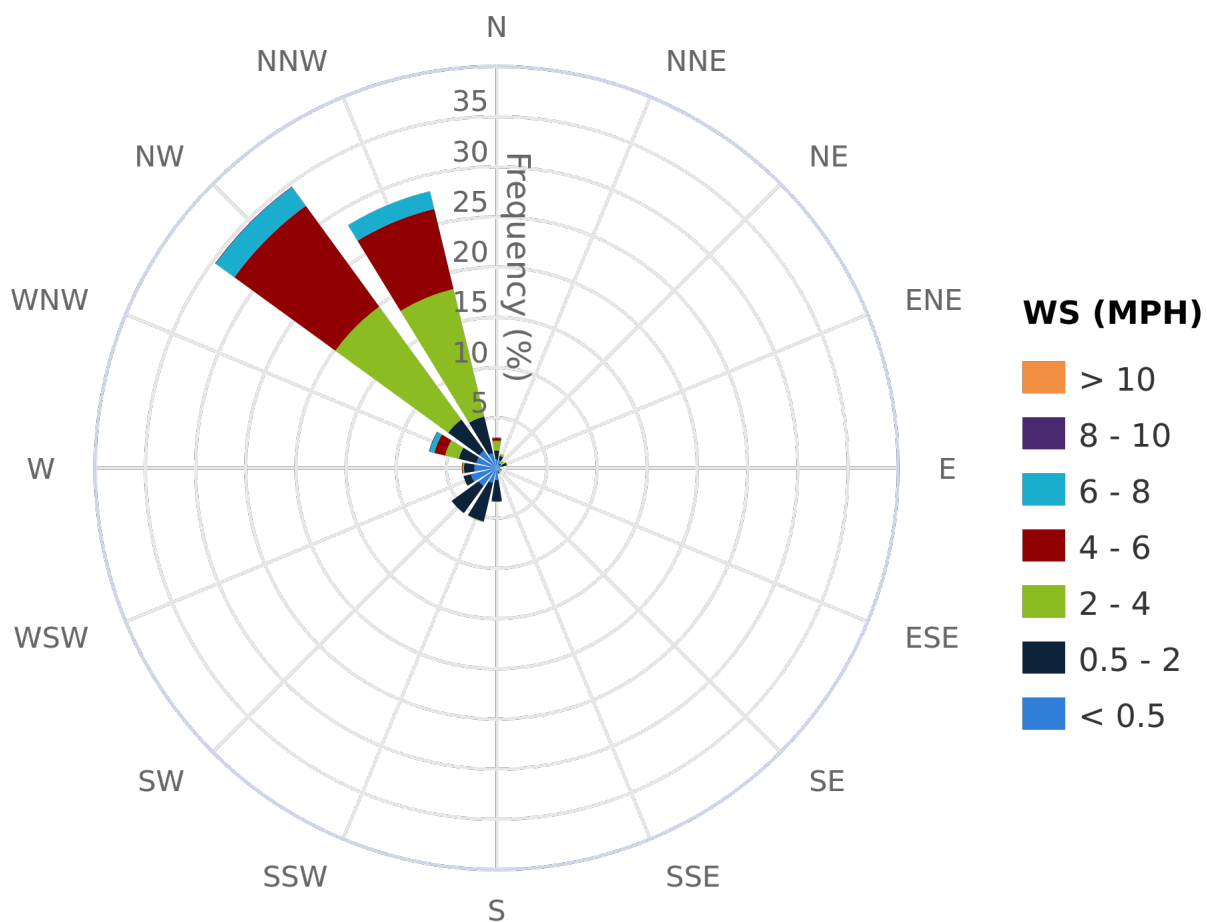


Figure 3 : Wind Rose Chart (WS in MPH)



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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	16.0	22.1	13.6	12.0	11.9	18.7	9.2	10.8	0.000	0.005	0.028	0.000
00:15:00	13.5	18.4	12.0	10.2	10.3	15.7	8.0	9.5	0.000	0.003	0.028	0.000
00:30:00	12.3	17.6	11.2	10.1	9.3	15.2	7.9	9.0	0.000	0.002	0.028	0.000
00:45:00	11.7	17.2	11.8	10.0	8.9	14.9	7.6	9.3	0.000	0.001	0.028	0.000
01:00:00	11.1	17.2	11.5	10.9	8.6	14.8	7.6	9.0	0.000	0.003	0.030	0.000
01:15:00	11.0	16.9	11.0	9.2	8.4	14.6	7.2	8.8	0.000	0.002	0.030	0.000
01:30:00	10.9	16.0	10.6	9.1	8.3	13.8	7.1	8.6	0.000	0.000	0.035	0.000
01:45:00	10.7	15.5	92.9	9.4	8.2	13.4	7.1	23.6	0.000	0.000	0.028	0.000
02:00:00	10.4	15.6	69.5	8.8	8.0	13.5	7.0	20.1	0.000	0.000	0.023	0.000
02:15:00	10.4	15.6	79.5	10.7	8.1	13.6	8.1	22.1	0.000	0.000	0.023	0.000
02:30:00	11.7	16.4	29.9	11.6	9.0	14.1	8.6	13.4	0.000	0.000	0.023	0.000
02:45:00	12.4	17.5	34.6	19.7	9.5	15.0	9.5	14.3	0.000	0.000	0.022	0.000
03:00:00	13.2	18.7	28.2	20.5	10.1	16.1	10.2	13.1	0.000	0.000	0.022	0.000
03:15:00	13.4	19.5	26.3	13.8	10.2	16.9	9.6	12.9	0.000	0.000	0.022	0.000
03:30:00	13.8	19.8	20.8	13.4	10.7	17.3	10.0	12.2	0.000	0.000	0.021	0.000
03:45:00	13.6	20.0	18.0	13.4	10.7	17.6	10.4	11.8	0.000	0.000	0.020	0.000
04:00:00	14.1	21.5	16.9	13.6	11.0	19.0	10.6	12.3	0.000	0.000	0.017	0.000
04:15:00	14.1	22.2	15.9	12.8	11.0	19.6	10.1	11.8	0.000	0.000	0.018	0.000
04:30:00	14.0	21.9	16.0	12.9	11.1	19.3	10.3	11.7	0.000	0.000	0.019	0.000
04:45:00	14.6	21.4	16.4	13.0	11.6	19.0	10.4	12.4	0.000	0.000	0.019	0.000
05:00:00	14.5	21.3	15.7	13.6	11.6	19.0	11.0	12.2	0.000	0.000	0.018	0.000
05:15:00	16.5	22.5	15.9	14.3	13.4	20.2	11.6	12.5	0.000	0.000	0.018	0.000
05:30:00	17.7	24.7	18.7	16.6	14.5	22.2	13.8	15.6	0.000	0.000	0.017	0.000
05:45:00	19.1	28.1	19.8	17.2	15.9	25.4	14.3	16.7	0.000	0.000	0.014	0.000
06:00:00	18.0	27.1	20.4	16.7	14.9	24.4	14.1	17.3	0.000	0.000	0.014	0.000
06:15:00	18.2	23.4	22.2	15.8	14.9	20.8	12.9	18.6	0.000	0.000	0.012	0.000
06:30:00	17.2	23.9	19.9	15.1	14.1	21.2	12.6	16.9	0.000	0.000	0.010	0.000
06:45:00	16.8	23.9	19.2	14.7	13.5	21.1	12.2	16.4	0.000	0.000	0.011	0.000
07:00:00	17.0	24.1	20.1	14.6	13.5	21.4	11.9	16.4	0.000	0.000	0.010	0.000
07:15:00	17.2	25.0	18.6	20.8	13.6	22.1	12.5	15.8	0.000	0.000	0.009	0.000
07:30:00	16.8	25.1	18.3	15.6	13.1	22.3	11.7	15.4	0.000	0.000	0.009	0.000
07:45:00	16.7	25.7	18.5	14.8	13.2	22.9	11.5	15.3	0.000	0.000	0.008	0.000
08:00:00	16.8	26.3	19.3	17.2	13.4	23.4	13.7	15.5	0.000	0.000	0.005	0.000
08:15:00	19.5	27.5	20.8	19.9	15.5	24.5	16.0	17.3	0.000	0.000	0.004	0.000
08:30:00	22.8	31.5	25.8	19.9	18.6	28.0	16.4	21.5	0.000	0.000	0.003	0.000
08:45:00	23.2	35.9	25.1	20.2	19.0	32.1	16.9	21.5	0.000	0.000	0.002	0.000
09:00:00	23.7	37.4	24.9	20.0	19.5	33.6	17.0	21.6	0.000	0.000	0.001	0.000
09:15:00	40.8	37.4	24.6	19.7	20.6	33.8	16.3	20.7	0.000	0.000	0.001	0.000
09:30:00	27.7	36.3	24.4	19.8	18.9	32.9	16.2	20.3	0.000	0.001	0.000	0.000
09:45:00	22.8	37.1	24.2	19.6	18.5	33.0	16.1	20.4	0.000	0.001	0.000	0.000
10:00:00	22.4	36.2	31.3	19.3	18.4	32.4	15.8	20.4	0.000	0.001	0.000	0.000
10:15:00	22.7	36.2	25.9	19.8	18.7	32.8	16.4	20.7	0.000	0.000	0.000	0.000
10:30:00	22.1	36.0	26.2	19.1	18.0	32.4	15.7	20.1	0.000	0.004	0.000	0.000
10:45:00	55.4	34.8	23.0	18.4	21.0	31.3	15.0	19.1	0.001	0.000	0.000	0.005
11:00:00	21.1	34.0	22.3	17.8	16.8	30.5	14.4	18.4	0.003	0.001	0.000	0.005
11:15:00	20.0	32.6	21.1	17.0	15.2	28.6	13.3	16.8	0.003	0.001	0.000	0.007
11:30:00	19.4	30.9	19.6	16.5	14.4	26.9	12.5	15.6	0.004	0.006	0.000	0.010
11:45:00	18.1	27.9	20.2	13.8	12.7	24.0	10.3	13.7	0.000	0.001	0.000	0.007



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	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)
12:00:00	42.0	24.9	21.1	13.7	12.8	21.3	10.0	12.5	0.000	0.000	0.000	0.002
12:15:00	46.0	21.7	26.2	12.2	12.2	18.0	8.4	10.9	0.000	0.000	0.000	0.000
12:30:00	15.8	19.8	24.3	12.9	8.7	15.3	8.0	10.0	0.000	0.000	0.000	0.000
12:45:00	15.5	18.9	29.8	12.7	8.4	14.4	7.7	11.0	0.000	0.000	0.000	0.000
13:00:00	14.5	17.4	26.3	13.7	8.3	13.1	8.0	10.7	0.000	0.000	0.000	0.000
13:15:00	19.4	19.2	71.2	14.9	9.5	14.0	8.6	15.4	0.000	0.000	0.000	0.000
13:30:00	45.8	20.0	15.6	12.8	10.3	14.0	7.1	8.6	0.000	0.000	0.000	0.000
13:45:00	30.5	16.5	18.9	13.0	8.6	10.7	6.6	7.9	0.000	0.000	0.000	0.000
14:00:00	17.8	15.1	25.5	11.3	6.3	9.4	5.5	7.8	0.000	0.000	0.000	0.000
14:15:00	21.7	14.8	49.8	13.4	6.4	8.3	5.8	10.3	0.000	0.000	0.000	0.000
14:30:00	17.2	16.4	36.3	13.7	6.2	8.8	5.7	8.7	0.000	0.000	0.000	0.000
14:45:00	31.0	16.3	47.9	14.5	7.2	7.9	5.4	9.5	0.000	0.000	0.000	0.000
15:00:00	39.0	15.1	19.3	12.4	8.4	8.0	5.4	6.6	0.000	0.000	0.000	0.000
15:15:00	18.7	15.1	45.7	13.2	6.4	8.3	5.6	10.2	0.000	0.000	0.000	0.000
15:30:00	36.0	20.9	45.0	24.4	9.0	11.5	7.9	10.7	0.000	0.000	0.000	0.000
15:45:00	77.1	30.3	53.3	39.4	13.4	11.5	9.7	12.1	0.001	0.000	0.000	0.004
16:00:00	55.4	36.2	57.6	38.2	10.8	11.5	9.8	12.2	0.012	0.000	0.000	0.014
16:15:00	204.9	35.7	52.9	40.8	25.4	11.0	10.0	11.6	0.023	0.000	0.000	0.023
16:30:00	57.5	29.8	62.4	32.5	11.1	10.2	9.0	13.2	0.029	0.000	0.000	0.025
16:45:00	35.1	19.8	46.4	19.6	8.4	8.7	6.8	10.8	0.035	0.002	0.000	0.027
17:00:00	25.3	16.4	25.3	19.5	7.2	7.9	6.6	7.9	0.041	0.002	0.000	0.031
17:15:00	53.3	20.1	39.6	23.4	10.4	8.8	7.4	10.4	0.033	0.003	0.000	0.026
17:30:00	66.9	17.8	17.9	14.9	12.0	8.6	5.8	7.2	0.030	0.008	0.000	0.020
17:45:00	35.3	19.0	23.0	21.4	8.3	8.5	6.6	7.8	0.034	0.010	0.000	0.021
18:00:00	77.3	22.4	27.7	24.2	12.6	8.5	6.6	7.9	0.038	0.010	0.000	0.025
18:15:00	31.2	20.1	24.9	20.6	7.5	7.8	6.1	7.7	0.038	0.005	0.000	0.021
18:30:00	21.5	17.7	27.0	17.8	6.5	7.4	5.7	8.0	0.039	0.007	0.000	0.021
18:45:00	18.9	15.8	18.3	15.2	6.6	7.3	5.6	7.0	0.038	0.004	0.000	0.019
19:00:00	48.7	15.0	16.0	13.3	10.0	7.6	5.5	6.9	0.038	0.009	0.000	0.018
19:15:00	17.1	14.4	17.2	13.0	6.4	7.8	5.4	7.2	0.039	0.001	0.000	0.020
19:30:00	24.6	17.6	21.6	18.5	7.2	8.3	6.1	7.9	0.037	0.001	0.000	0.023
19:45:00	35.3	20.6	23.8	20.8	8.3	8.5	6.7	8.1	0.042	0.002	0.000	0.024
20:00:00	34.4	21.7	36.2	25.4	8.3	8.8	7.4	9.5	0.041	0.008	0.000	0.024
20:15:00	35.5	23.0	31.0	26.7	7.8	8.4	7.2	8.7	0.042	0.007	0.000	0.022
20:30:00	35.6	25.1	51.5	27.1	7.7	7.9	7.1	10.6	0.042	0.006	0.000	0.022
20:45:00	35.9	23.0	34.0	27.2	7.6	7.4	7.0	8.4	0.044	0.000	0.000	0.024
21:00:00	41.8	24.0	37.6	33.3	8.3	7.4	8.2	9.2	0.044	0.001	0.000	0.023
21:15:00	58.3	24.3	34.0	28.7	9.9	7.2	7.3	8.4	0.043	0.006	0.000	0.023
21:30:00	34.8	22.0	30.3	24.2	7.2	6.8	6.3	7.8	0.038	0.007	0.000	0.021
21:45:00	25.8	19.0	25.9	20.2	6.1	6.3	5.5	7.0	0.039	0.001	0.000	0.018
22:00:00	23.8	16.7	23.8	17.7	5.8	6.0	5.2	6.6	0.037	0.004	0.000	0.018
22:15:00	23.3	16.8	22.5	18.3	5.8	6.0	5.2	6.6	0.033	0.007	0.000	0.016
22:30:00	21.3	16.4	19.1	16.8	5.6	5.9	5.0	6.2	0.030	0.008	0.000	0.014
22:45:00	16.6	14.1	17.4	13.9	5.1	5.6	4.6	5.8	0.030	0.009	0.000	0.016
23:00:00	15.4	12.3	14.4	11.9	4.9	5.5	4.4	5.4	0.030	0.001	0.000	0.015
23:15:00	13.7	12.0	13.0	11.0	4.9	5.5	4.2	5.3	0.029	0.002	0.000	0.015
23:30:00	13.2	11.1	11.5	10.1	4.8	5.6	4.2	5.2	0.027	0.006	0.000	0.015
23:45:00	12.2	10.6	11.0	9.7	4.6	5.6	3.9	5.1	0.026	0.000	0.000	0.014

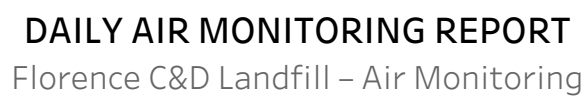


Table 4 : Summary of Exceedances (greater than Action Level) -

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