



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-01

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 8.456	2943 NNE	3277 SSW	2996 W	2997 NNW	Min : 19.40 Max : 52.70	Min : 20.80 Max : 66.80	Min : 29.77 Max : 30.50

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	13.0	228.0	3.9	30.7	0.014	0.047
2996	7.2	77.4	3.0	13.7	0.001	0.019
2997	8.3	22.7	3.7	7.1	0.009	0.032
3277	7.1	16.3	3.9	8.3	0.002	0.013

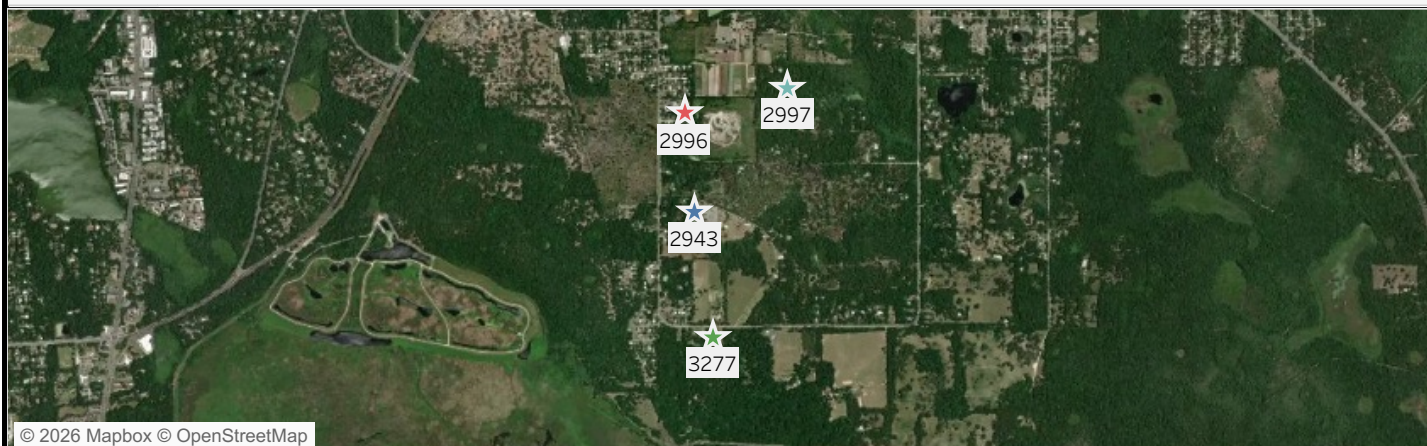
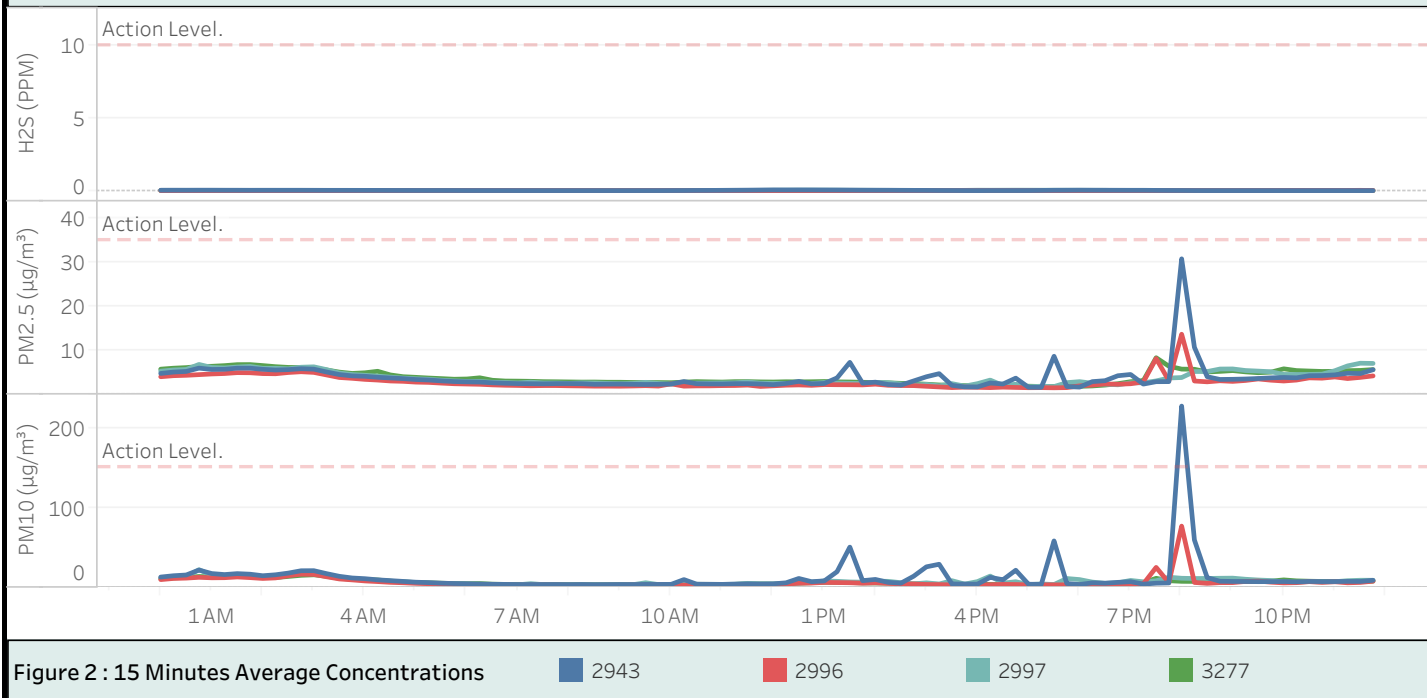


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

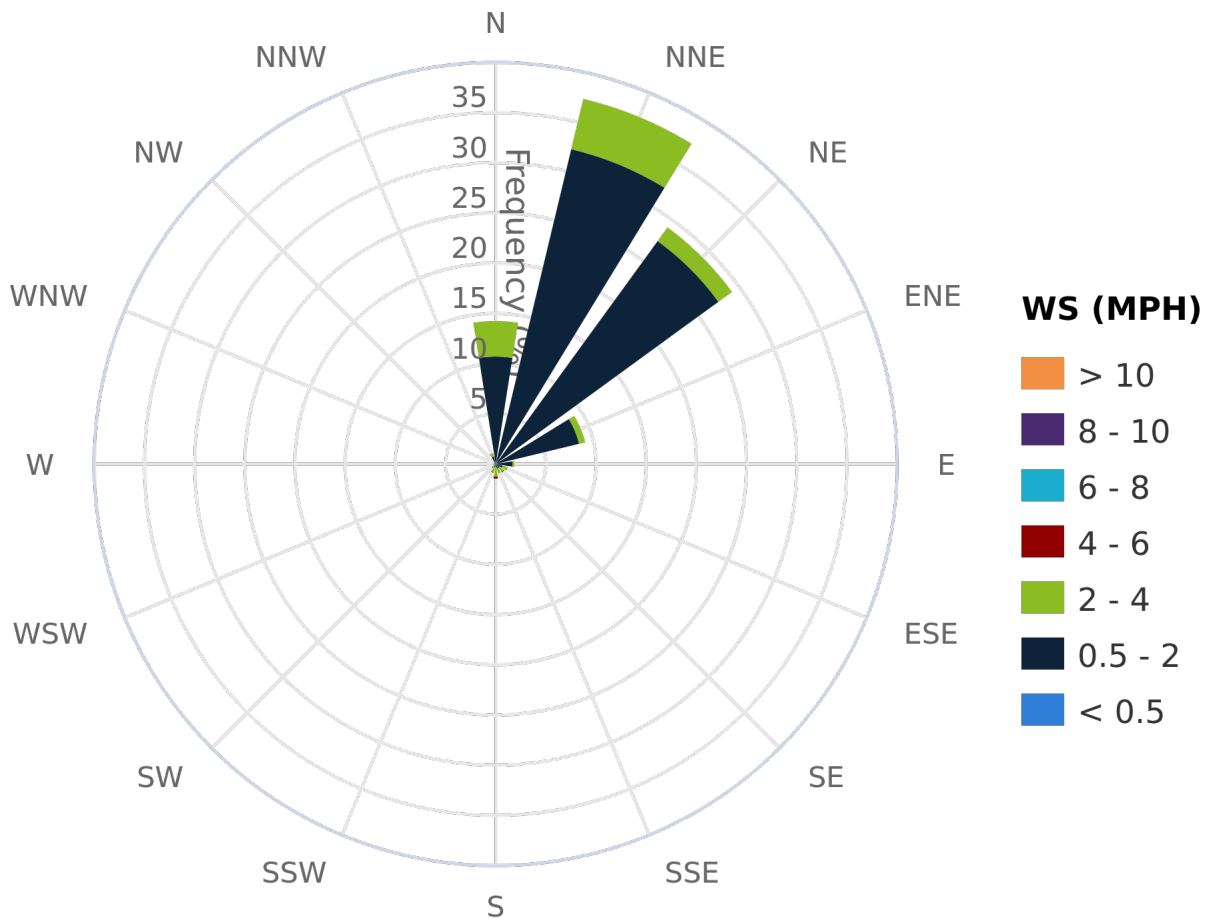


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

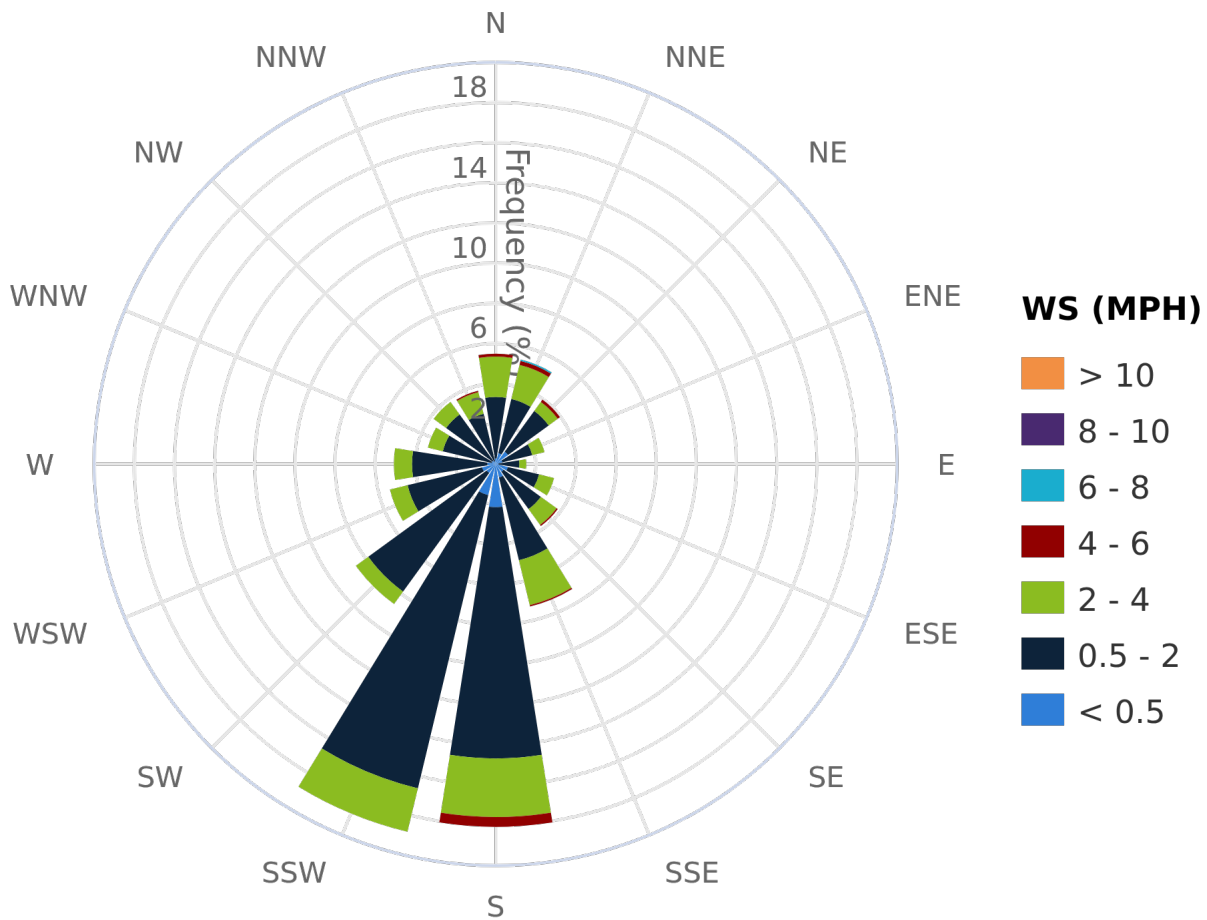


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

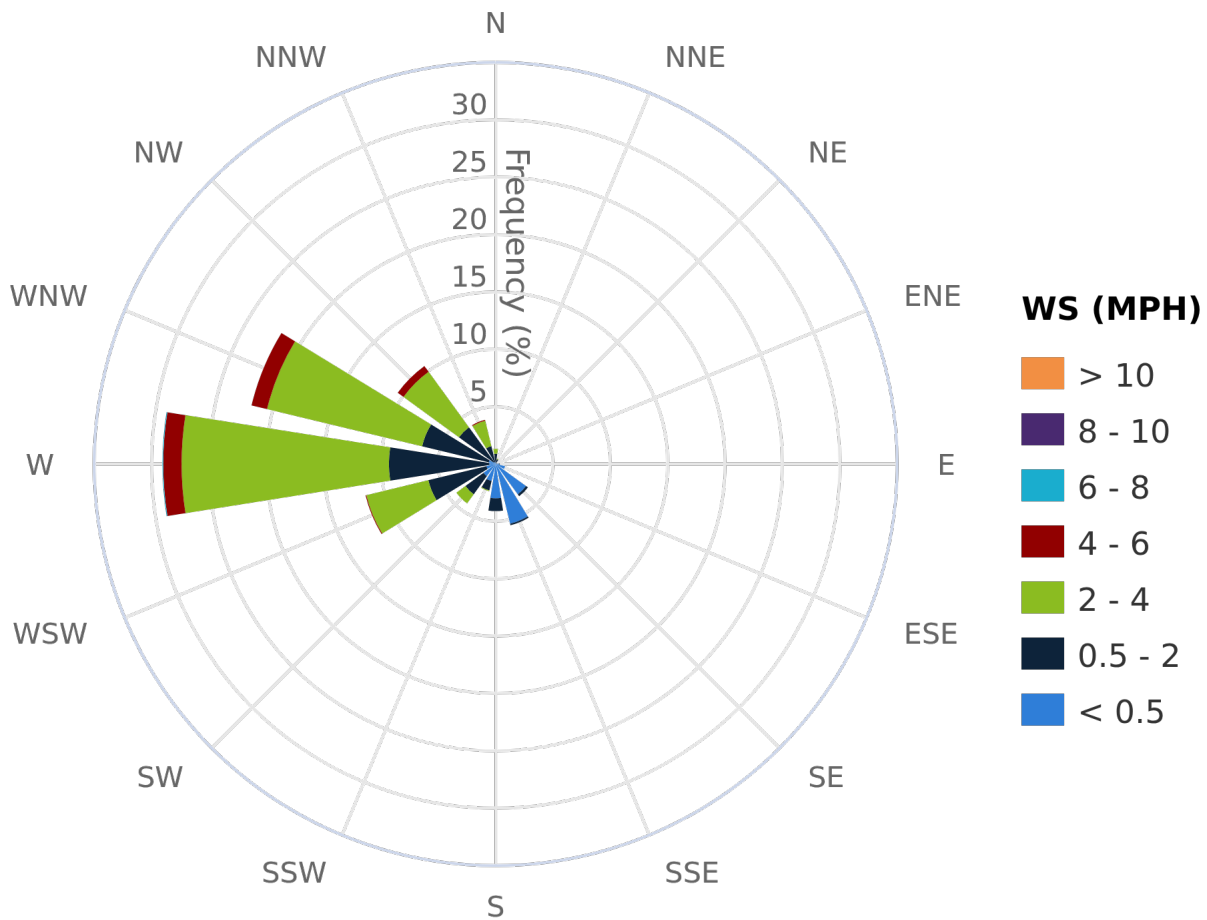


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

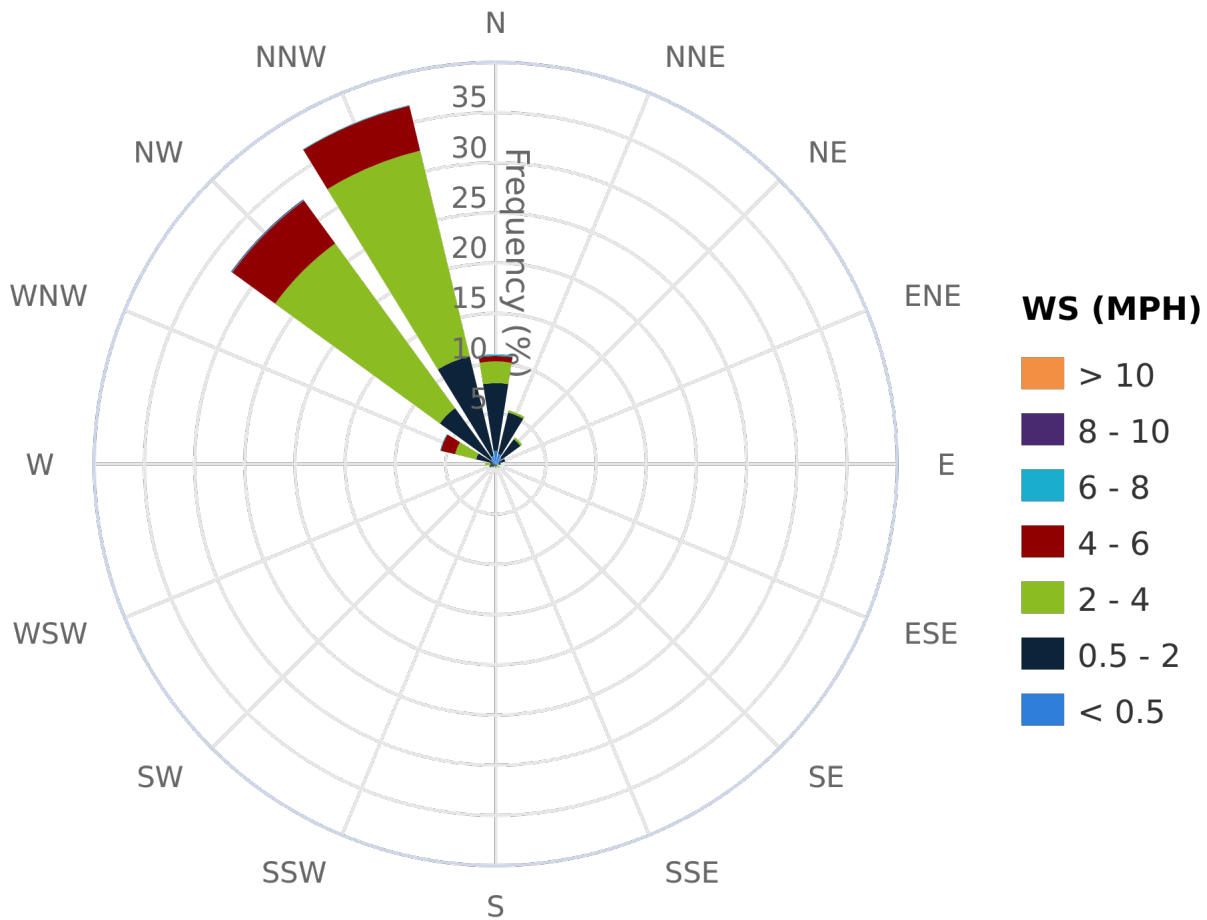


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.4	11.5	12.2	10.2	4.8	5.8	4.0	5.3	0.026	0.002	0.000	0.013
00:15:00	15.1	12.4	13.1	11.7	5.1	6.0	4.3	5.6	0.028	0.003	0.000	0.012
00:30:00	16.0	13.0	14.0	12.1	5.2	6.1	4.4	5.7	0.027	0.003	0.000	0.012
00:45:00	22.2	14.1	22.7	13.1	6.0	6.4	4.5	6.8	0.029	0.002	0.000	0.011
01:00:00	17.8	13.6	15.7	12.5	5.7	6.4	4.7	6.1	0.029	0.004	0.000	0.014
01:15:00	16.6	13.6	14.5	12.6	5.7	6.6	4.8	6.0	0.026	0.002	0.000	0.013
01:30:00	17.8	14.7	15.5	13.6	6.0	6.8	5.0	6.2	0.025	0.003	0.000	0.013
01:45:00	17.0	14.4	15.8	12.7	6.0	6.8	4.9	6.4	0.023	0.013	0.000	0.012
02:00:00	15.1	13.0	13.2	11.7	5.7	6.6	4.8	6.0	0.024	0.007	0.000	0.010
02:15:00	16.3	12.7	14.4	12.4	5.6	6.3	4.7	6.0	0.024	0.006	0.000	0.010
02:30:00	18.4	14.2	16.5	15.1	5.7	6.2	5.0	5.8	0.024	0.006	0.000	0.010
02:45:00	21.4	15.6	19.0	17.1	5.9	6.1	5.2	6.2	0.023	0.005	0.000	0.009
03:00:00	21.4	16.3	19.5	16.8	5.8	6.0	5.0	6.3	0.021	0.002	0.000	0.009
03:15:00	17.7	14.4	16.4	13.8	5.1	5.6	4.5	5.6	0.019	0.002	0.000	0.009
03:30:00	14.4	11.9	12.9	11.0	4.5	5.1	3.9	4.9	0.019	0.005	0.000	0.009
03:45:00	12.3	10.7	11.2	9.9	4.2	4.8	3.7	4.6	0.018	0.001	0.000	0.006
04:00:00	11.4	10.0	10.2	8.6	4.2	4.9	3.4	4.4	0.016	0.003	0.000	0.005
04:15:00	10.0	9.8	9.1	7.8	3.9	5.3	3.3	4.2	0.015	0.001	0.000	0.006
04:30:00	9.0	8.3	8.1	6.8	3.8	4.5	3.1	4.0	0.012	0.000	0.000	0.005
04:45:00	8.0	7.3	7.3	6.3	3.6	4.1	3.0	3.7	0.011	0.000	0.000	0.002
05:00:00	7.0	6.6	6.5	5.6	3.4	3.9	2.8	3.6	0.009	0.003	0.000	0.002
05:15:00	6.5	6.2	5.9	5.1	3.3	3.8	2.8	3.5	0.008	0.004	0.000	0.002
05:30:00	5.8	5.7	5.4	4.7	3.1	3.6	2.6	3.3	0.008	0.003	0.000	0.001
05:45:00	5.3	5.3	5.1	4.3	3.0	3.5	2.5	3.1	0.007	0.001	0.000	0.000
06:00:00	5.1	5.1	4.6	4.0	2.9	3.5	2.4	3.0	0.004	0.000	0.000	0.000
06:15:00	4.7	5.3	4.4	3.8	2.8	3.8	2.3	3.0	0.004	0.000	0.000	0.000
06:30:00	4.4	4.5	4.0	3.5	2.7	3.2	2.2	2.8	0.003	0.000	0.000	0.000
06:45:00	4.3	4.3	3.9	3.4	2.6	3.1	2.1	2.7	0.003	0.000	0.000	0.000
07:00:00	4.1	4.3	3.8	3.3	2.5	3.1	2.1	2.6	0.001	0.000	0.000	0.000
07:15:00	4.1	4.2	5.2	3.3	2.5	3.0	2.0	2.8	0.001	0.000	0.000	0.000
07:30:00	4.1	4.1	3.9	3.5	2.4	2.9	2.0	2.6	0.000	0.000	0.000	0.000
07:45:00	4.1	4.1	3.9	3.4	2.5	2.9	2.0	2.6	0.000	0.000	0.000	0.000
08:00:00	3.9	4.1	3.8	3.1	2.5	2.9	2.0	2.6	0.000	0.000	0.000	0.000
08:15:00	4.1	4.0	3.9	3.2	2.5	2.8	2.0	2.7	0.000	0.000	0.000	0.000
08:30:00	3.8	4.0	3.9	3.1	2.3	2.9	1.9	2.6	0.000	0.000	0.000	0.000
08:45:00	4.0	3.9	3.8	3.2	2.4	2.8	1.9	2.5	0.000	0.000	0.000	0.000
09:00:00	4.1	4.0	3.8	3.2	2.4	2.8	1.9	2.5	0.000	0.002	0.000	0.000
09:15:00	4.0	4.0	3.9	3.3	2.3	2.7	2.0	2.5	0.000	0.000	0.000	0.000
09:30:00	4.2	4.1	6.3	3.4	2.3	2.7	2.0	2.8	0.001	0.005	0.000	0.000
09:45:00	4.2	4.1	4.0	3.5	2.3	2.7	1.9	2.5	0.001	0.003	0.000	0.000
10:00:00	4.3	4.0	3.9	4.0	2.4	2.7	2.4	2.4	0.003	0.000	0.000	0.000
10:15:00	10.3	4.1	4.2	3.4	3.0	2.8	1.9	2.6	0.006	0.003	0.000	0.000
10:30:00	4.5	4.4	4.4	3.4	2.5	2.9	2.0	2.6	0.012	0.004	0.000	0.002
10:45:00	4.4	4.3	4.1	3.5	2.4	2.9	2.0	2.6	0.014	0.001	0.000	0.005
11:00:00	4.3	4.3	4.2	3.5	2.4	2.8	2.0	2.7	0.019	0.002	0.000	0.006
11:15:00	4.6	4.3	4.5	3.6	2.5	2.9	2.1	2.7	0.026	0.002	0.000	0.009
11:30:00	4.8	4.8	5.5	4.2	2.5	2.9	2.2	2.9	0.032	0.001	0.000	0.014
11:45:00	4.7	4.8	4.9	3.7	2.4	2.9	1.9	2.6	0.039	0.000	0.000	0.019



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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	5.0	4.6	4.8	4.1	2.3	2.9	2.0	2.6	0.047	0.000	0.000	0.024
12:15:00	6.2	5.1	5.5	4.7	2.5	2.9	2.1	2.5	0.045	0.001	0.000	0.029
12:30:00	11.7	5.8	6.0	5.7	3.0	2.9	2.2	2.5	0.046	0.000	0.000	0.032
12:45:00	7.6	6.3	7.0	6.0	2.4	2.9	2.1	2.5	0.045	0.000	0.000	0.032
13:00:00	8.6	6.8	8.6	6.7	2.5	3.0	2.3	2.7	0.041	0.000	0.000	0.032
13:15:00	20.2	6.8	8.1	6.5	3.8	2.9	2.2	2.6	0.040	0.000	0.000	0.029
13:30:00	51.0	6.6	7.3	6.3	7.3	2.9	2.2	2.6	0.035	0.000	0.000	0.024
13:45:00	8.9	6.1	7.0	5.7	2.6	2.8	2.2	2.5	0.029	0.000	0.000	0.023
14:00:00	10.5	6.0	8.4	6.2	2.8	2.7	2.4	2.8	0.027	0.000	0.000	0.020
14:15:00	6.8	5.8	8.1	5.5	2.3	2.7	2.1	2.7	0.026	0.000	0.000	0.017
14:30:00	5.8	5.4	6.4	4.9	2.1	2.6	2.1	2.4	0.020	0.000	0.000	0.014
14:45:00	14.5	4.9	4.9	4.8	3.1	2.5	2.0	2.2	0.017	0.000	0.000	0.012
15:00:00	26.3	4.6	6.2	4.1	4.0	2.4	1.9	2.3	0.013	0.000	0.000	0.011
15:15:00	29.5	4.3	4.7	4.0	4.7	2.2	1.7	2.0	0.008	0.000	0.000	0.010
15:30:00	4.8	4.1	8.9	3.7	2.1	2.1	1.6	2.5	0.005	0.003	0.000	0.013
15:45:00	4.7	4.2	4.6	3.9	1.8	2.0	1.7	1.9	0.002	0.001	0.000	0.017
16:00:00	4.5	4.3	7.7	3.8	1.7	2.0	1.6	2.5	0.000	0.001	0.000	0.027
16:15:00	13.1	4.2	14.7	3.7	2.6	2.0	1.6	3.3	0.003	0.003	0.000	0.025
16:30:00	10.1	4.1	5.8	4.3	2.4	1.9	1.7	2.1	0.003	0.000	0.000	0.027
16:45:00	22.0	4.1	7.6	4.1	3.7	2.0	1.6	2.3	0.003	0.000	0.000	0.030
17:00:00	4.5	4.0	4.0	3.6	1.7	1.9	1.6	1.8	0.005	0.002	0.000	0.028
17:15:00	4.3	3.7	4.8	3.8	1.6	1.8	1.6	1.9	0.013	0.001	0.000	0.027
17:30:00	58.8	3.6	4.1	3.6	8.7	1.9	1.5	1.8	0.023	0.002	0.000	0.026
17:45:00	5.4	3.4	11.6	3.7	1.8	1.9	1.6	2.7	0.025	0.001	0.000	0.025
18:00:00	4.1	3.5	10.3	3.9	1.7	1.9	2.0	2.9	0.030	0.003	0.000	0.023
18:15:00	6.2	3.8	7.1	4.1	2.9	2.0	2.2	2.6	0.027	0.001	0.000	0.021
18:30:00	5.7	3.9	5.6	4.4	3.2	2.2	2.4	2.4	0.025	0.006	0.000	0.020
18:45:00	6.8	4.2	6.2	4.5	4.3	2.5	2.3	2.2	0.023	0.003	0.000	0.008
19:00:00	7.7	4.8	9.2	4.3	4.6	2.9	2.5	2.7	0.021	0.002	0.000	0.003
19:15:00	4.6	6.3	7.5	4.9	2.4	3.2	2.9	2.7	0.021	0.004	0.000	0.002
19:30:00	5.7	11.9	8.8	25.6	2.9	8.3	8.2	3.1	0.015	0.003	0.000	0.002
19:45:00	6.1	8.8	13.3	6.4	2.9	6.4	3.1	3.8	0.010	0.000	0.000	0.000
20:00:00	228.0	8.1	11.9	77.4	30.7	5.8	13.7	3.9	0.007	0.002	0.000	0.000
20:15:00	60.0	8.0	11.6	6.6	10.7	5.7	3.1	5.2	0.002	0.001	0.000	0.000
20:30:00	12.7	7.6	11.7	5.5	4.1	5.1	2.9	5.2	0.000	0.000	0.000	0.000
20:45:00	8.2	7.9	11.9	6.4	3.4	5.3	3.1	5.8	0.000	0.000	0.000	0.000
21:00:00	7.9	7.9	12.1	6.5	3.5	5.4	3.0	5.8	0.000	0.000	0.000	0.000
21:15:00	7.8	7.7	10.7	7.9	3.5	5.1	3.2	5.5	0.000	0.000	0.001	0.000
21:30:00	7.7	8.1	9.7	8.4	3.7	5.0	3.5	5.3	0.000	0.000	0.002	0.000
21:45:00	7.7	8.4	9.1	7.0	3.8	5.1	3.3	5.2	0.000	0.000	0.004	0.000
22:00:00	7.8	9.9	7.4	6.1	3.9	5.8	3.1	4.6	0.000	0.000	0.008	0.000
22:15:00	7.5	8.7	7.0	6.4	3.8	5.4	3.3	4.6	0.000	0.000	0.013	0.000
22:30:00	7.9	8.2	7.8	7.7	4.3	5.3	3.8	4.6	0.000	0.000	0.008	0.000
22:45:00	7.8	8.0	7.3	6.8	4.3	5.2	3.7	4.6	0.000	0.000	0.009	0.000
23:00:00	7.8	7.9	7.6	7.5	4.5	5.3	4.0	5.4	0.000	0.000	0.008	0.000
23:15:00	8.0	8.1	8.9	6.2	4.8	5.4	3.6	6.5	0.000	0.000	0.013	0.000
23:30:00	7.9	7.9	9.4	6.7	4.8	5.5	3.9	7.1	0.000	0.000	0.019	0.000
23:45:00	9.4	8.3	9.4	8.3	5.6	5.7	4.2	7.1	0.000	0.000	0.010	0.000

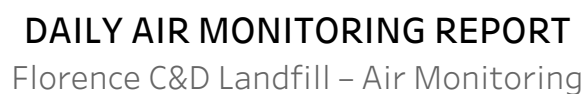


Table 4 : Summary of Exceedances (greater than Action Level) -

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