



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-11

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 28.86	2943 ESE	2693 N	2996 SW	2997 N	Min : 30.92 Max : 69.62	Min : 22.00 Max : 78.60	Min : 30.29 Max : 30.52

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	5.2	17.6	2.9	13.5	0.000	0.001
2943	21.5	234.0	4.4	27.8	-0.019	0.026
2996	17.8	378.6	4.8	55.0	0.003	0.021
2997	7.3	53.1	3.5	17.2	0.002	0.013



Figure 1 : Monitoring Locations

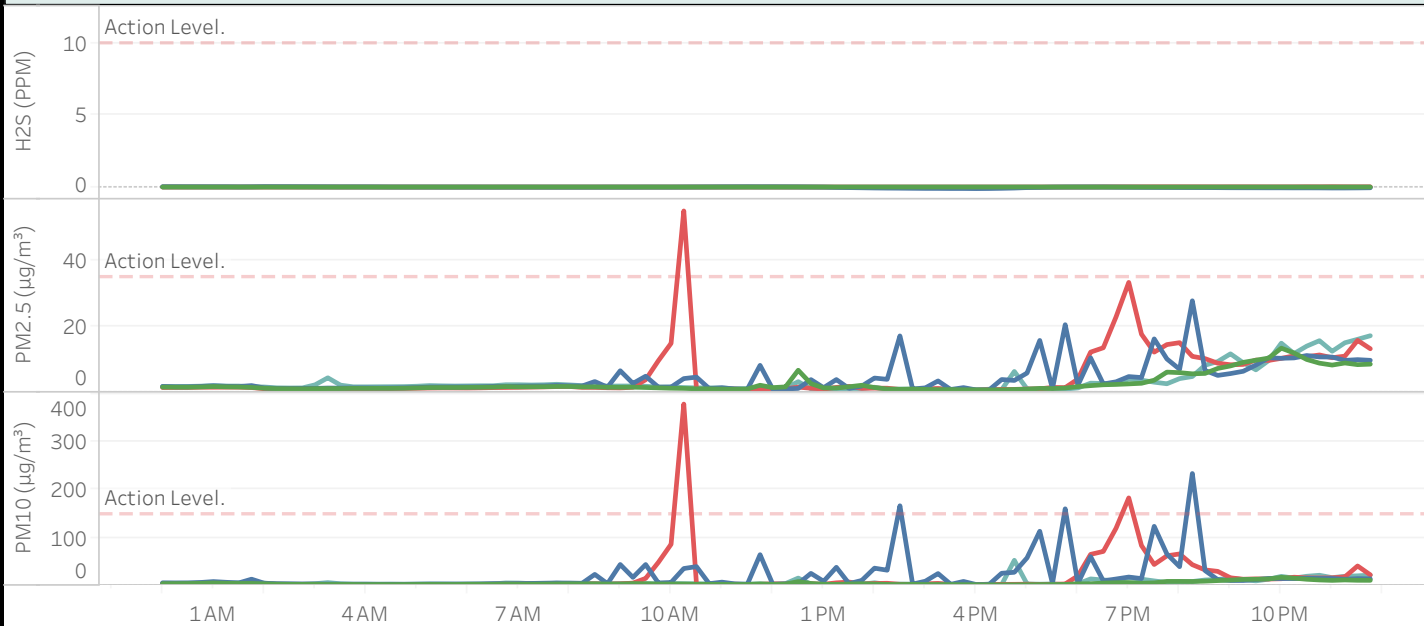


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

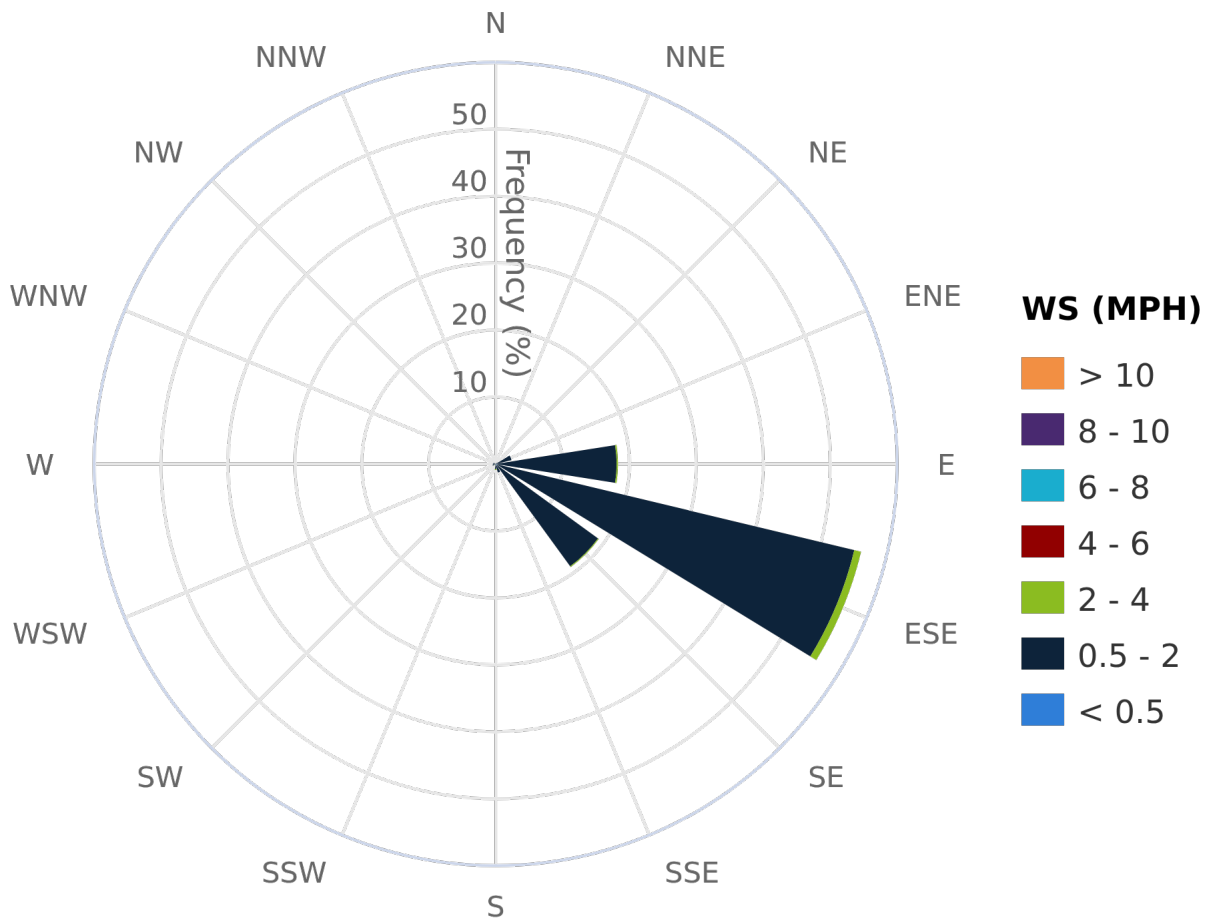


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

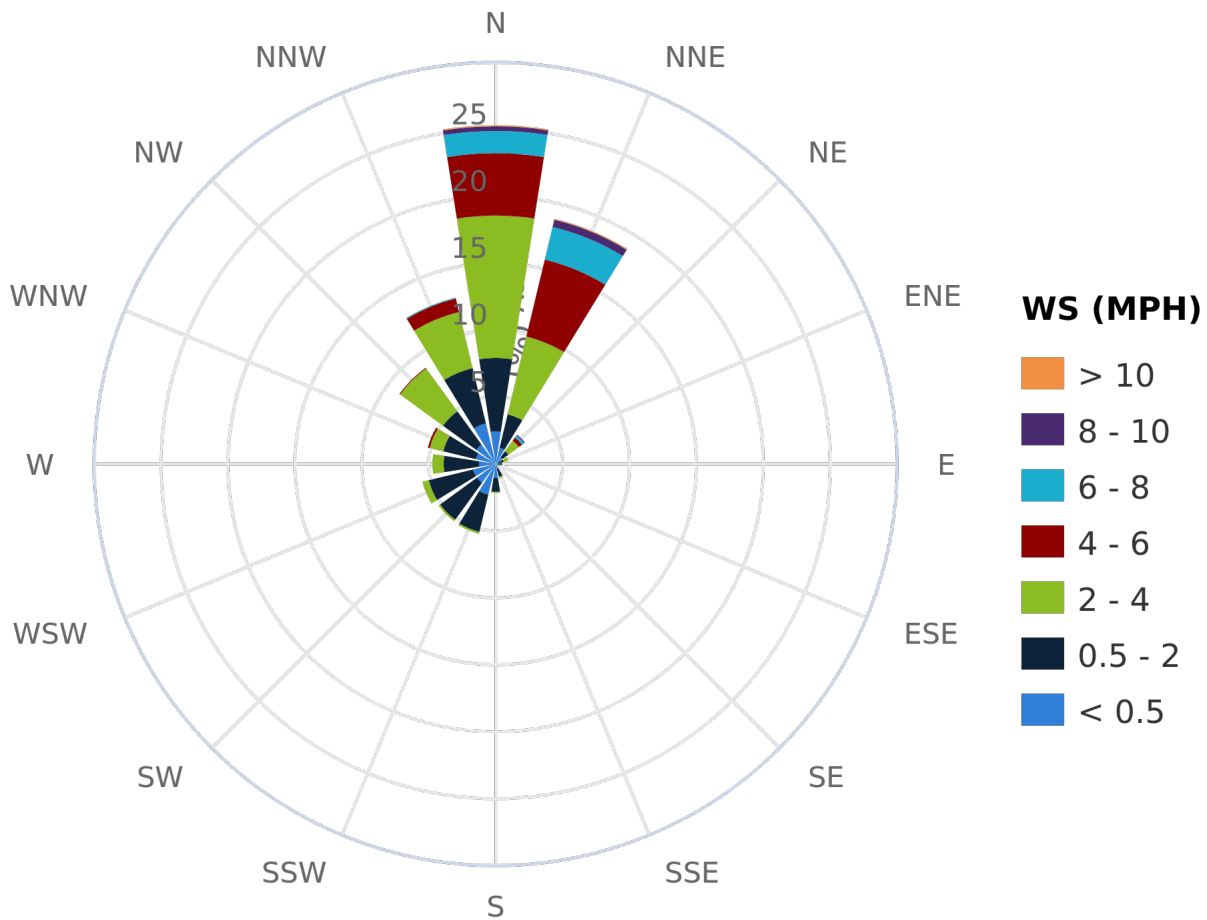


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

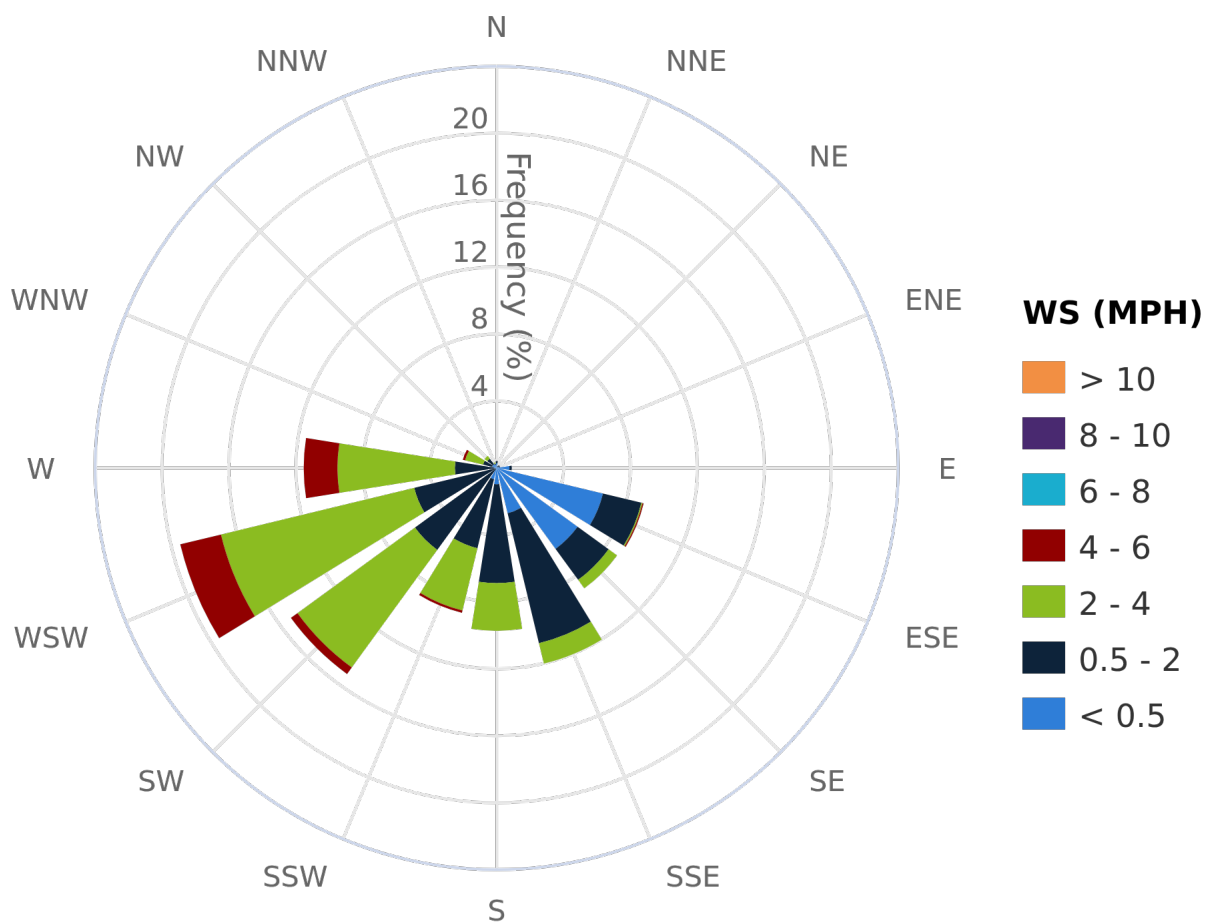


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

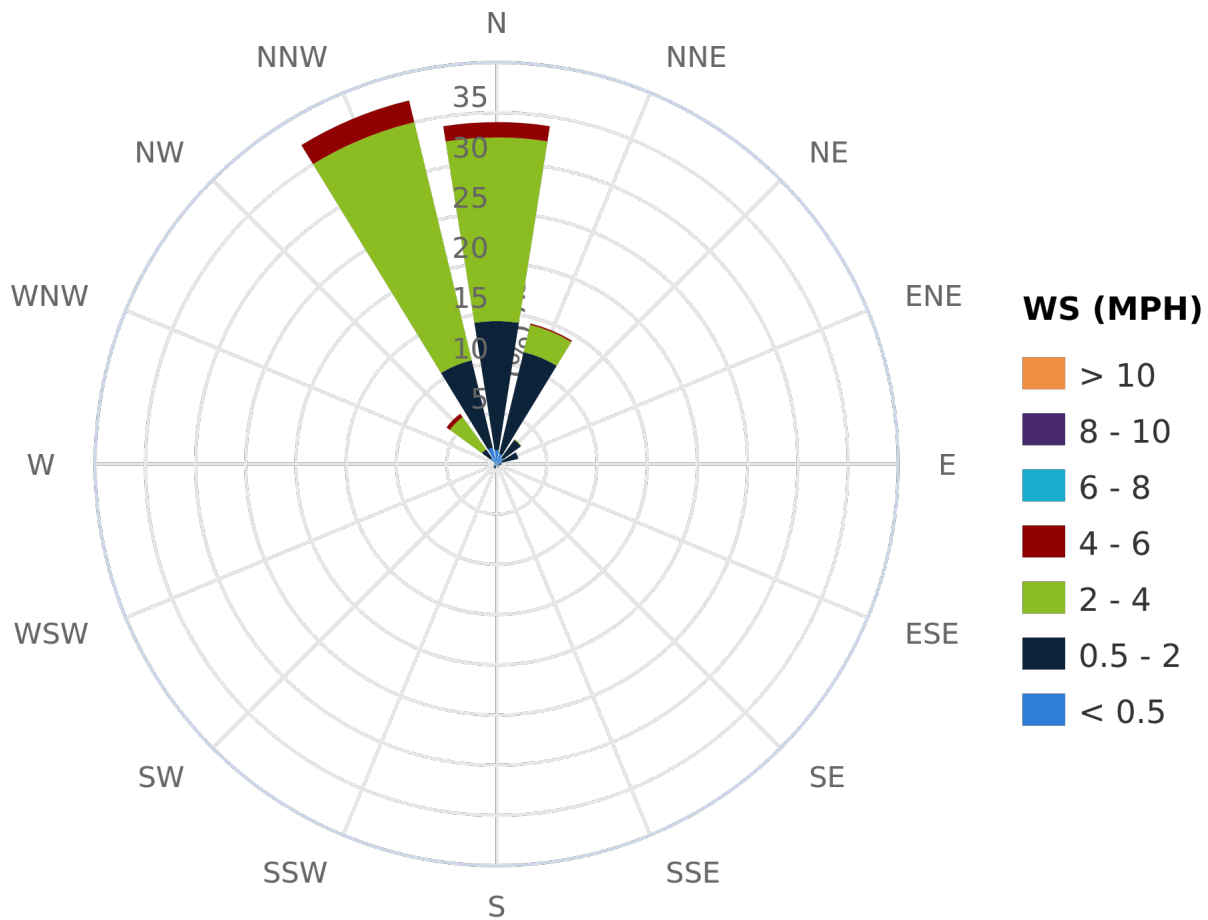


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 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	6.1	4.5	5.3	4.6	1.9	1.7	1.5	1.9	0.020	0.001	0.000	0.009
00:15:00	5.9	4.5	5.3	4.8	1.8	1.6	1.6	1.9	0.021	0.001	0.000	0.009
00:30:00	6.0	4.7	5.3	4.7	1.8	1.6	1.6	1.9	0.017	0.000	0.000	0.010
00:45:00	6.9	5.1	5.9	5.4	1.9	1.7	1.6	2.0	0.017	0.000	0.000	0.010
01:00:00	8.8	5.9	7.1	5.4	2.1	1.9	1.6	2.1	0.016	-0.001	0.000	0.009
01:15:00	7.2	5.2	5.7	5.1	1.9	1.8	1.7	2.0	0.017	0.000	0.000	0.006
01:30:00	5.9	4.8	6.2	4.8	1.8	1.7	1.7	2.0	0.010	0.000	0.000	0.001
01:45:00	13.7	4.9	5.9	6.7	2.1	1.6	1.5	1.8	0.015	0.000	0.000	0.006
02:00:00	5.3	4.1	5.6	3.7	1.4	1.3	1.2	1.7	0.026	0.000	0.000	0.013
02:15:00	4.3	3.3	3.8	3.2	1.3	1.2	1.1	1.5	0.024	0.000	0.000	0.012
02:30:00	4.0	3.0	3.6	3.0	1.2	1.2	1.1	1.4	0.023	0.001	0.000	0.010
02:45:00	3.8	2.9	3.2	3.0	1.3	1.2	1.1	1.4	0.019	0.001	0.000	0.009
03:00:00	3.7	3.1	4.4	3.0	1.3	1.2	1.2	2.4	0.018	0.000	0.000	0.005
03:15:00	3.4	2.8	6.6	2.9	1.4	1.2	1.2	4.5	0.015	0.000	0.000	0.005
03:30:00	3.4	2.8	4.2	2.7	1.4	1.2	1.1	2.3	0.010	0.000	0.000	0.005
03:45:00	3.3	2.8	3.4	2.6	1.4	1.3	1.2	1.8	0.011	0.000	0.000	0.004
04:00:00	3.4	2.5	3.3	2.6	1.4	1.3	1.1	1.8	0.011	0.000	0.000	0.002
04:15:00	3.1	2.6	3.4	2.6	1.4	1.3	1.2	1.8	0.008	0.000	0.000	0.000
04:30:00	3.2	2.5	3.3	2.6	1.4	1.3	1.2	1.8	0.002	0.000	0.000	0.000
04:45:00	3.2	2.6	3.2	2.6	1.5	1.3	1.3	1.8	0.001	0.000	0.000	0.000
05:00:00	3.3	2.8	3.6	2.6	1.5	1.4	1.3	1.9	0.000	0.000	0.000	0.000
05:15:00	3.6	2.9	3.8	2.8	1.7	1.5	1.4	2.1	-0.001	0.000	0.000	0.000
05:30:00	3.6	2.8	3.7	2.9	1.7	1.6	1.4	2.1	-0.001	0.000	0.000	0.000
05:45:00	3.6	2.7	3.5	2.8	1.7	1.5	1.4	2.0	-0.003	0.000	0.000	0.000
06:00:00	3.6	3.1	3.6	2.8	1.7	1.6	1.4	2.1	-0.001	0.000	0.000	0.000
06:15:00	3.8		3.7	3.0	1.8		1.5	2.1	-0.004		0.000	0.000
06:30:00	4.5	3.1	3.9	3.2	1.9	1.7	1.5	2.1	-0.006	0.001	0.000	0.000
06:45:00	4.3	3.7	5.9	3.3	1.9	1.8	1.6	2.4	-0.004	0.000	0.000	0.000
07:00:00	4.6	3.4	5.7	3.6	1.9	1.7	1.6	2.4	-0.005	0.000	0.000	0.000
07:15:00	4.9	3.4	4.5	3.9	2.0	1.8	1.7	2.3	-0.005	0.000	0.000	0.000
07:30:00	5.4	3.6	4.4	4.0	2.0	1.8	1.7	2.4	-0.008	0.000	0.000	0.000
07:45:00	5.8	3.9	5.5	4.7	2.2	1.9	1.8	2.5	-0.009	0.000	0.000	0.000
08:00:00	5.7	4.1	4.4	5.0	2.1	1.9	1.9	2.3	-0.009	0.000	0.000	0.000
08:15:00	5.2	4.0	4.9	3.8	2.0	1.7	1.6	2.1	-0.008	0.000	0.000	0.000
08:30:00	23.7	4.0	4.7	4.0	3.4	1.8	1.6	2.2	-0.007	0.000	0.000	0.000
08:45:00	4.4	3.7	4.2	3.5	1.6	1.6	1.5	2.0	-0.005	0.001	0.000	0.000
09:00:00	44.3	3.7	4.6	4.0	6.6	1.6	1.4	2.0	-0.005	0.000	0.000	0.000
09:15:00	17.5	4.6	4.8	5.5	2.8	1.7	1.6	2.0	-0.006	0.000	0.000	0.000
09:30:00	44.3	4.2	4.6	15.4	5.0	1.6	3.9	1.9	-0.002	0.000	0.000	0.000
09:45:00	5.9	3.7	4.0	48.7	1.7	1.5	9.7	1.7	-0.003	0.000	0.000	0.000
10:00:00	6.9	3.6	4.9	86.5	1.7	1.3	14.9	1.7	-0.004	0.001	0.000	0.000
10:15:00	36.0	3.7	4.3	378.6	4.3	1.3	55.0	1.5	0.002	-0.001	0.000	0.000
10:30:00	39.9	3.2	4.2	2.7	4.7	1.2	1.0	1.4	0.006	0.000	0.000	0.000
10:45:00	4.4	3.1	3.8	3.1	1.2	1.1	1.0	1.5	0.009	0.000	0.000	0.001
11:00:00	7.6	2.9	4.6	3.0	1.5	1.1	1.0	1.4	0.014	-0.001	0.000	0.003
11:15:00	4.0	2.7	3.3	3.3	1.1	1.0	1.1	1.2	0.015	0.000	0.000	0.004
11:30:00	3.2	2.7	3.5	2.7	1.0	1.1	0.9	1.2	0.018	0.000	0.000	0.006
11:45:00	64.8	3.8	4.1	3.0	8.3	2.2	1.0	1.2	0.014	0.000	0.000	0.005



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12:00:00	3.1	2.9	2.9	4.2	1.1	1.5	1.2	1.1	0.016	0.000	0.000	0.005
12:15:00	3.9	3.4	4.6	3.6	1.1	1.7	1.2	1.3	0.014	0.000	0.000	0.001
12:30:00	4.4	8.7	16.0	6.1	1.3	6.8	1.7	3.3	0.011	0.001	0.000	0.000
12:45:00	25.8	4.8	3.5	4.2	3.9	2.7	1.3	1.2	0.004	0.001	0.000	0.000
13:00:00	9.3	3.2	3.1	3.2	1.5	1.4	1.1	1.1	-0.004	0.001	0.000	0.000
13:15:00	38.5	2.9	3.0	6.1	4.0	1.4	1.6	1.1	-0.024	0.000	0.000	0.000
13:30:00	4.5	3.7	3.9	7.7	1.3	1.8	1.9	1.3	-0.039	0.000	0.000	0.000
13:45:00	11.1	4.3	3.2	3.8	2.0	2.2	1.3	1.2	-0.052	0.001	0.000	0.000
14:00:00	36.7	3.6	6.2	4.8	4.4	1.5	1.4	1.6	-0.065	0.000	0.000	0.000
14:15:00	32.5	2.9	3.0	5.2	4.0	1.1	1.3	1.0	-0.074	0.001	0.000	0.000
14:30:00	166.7	2.6	3.6	3.0	17.2	1.0	1.0	1.1	-0.079	0.000	0.000	0.000
14:45:00	3.5	3.0	3.5	3.0	1.1	1.1	1.0	1.0	-0.088	0.000	0.000	0.000
15:00:00	9.5	2.7	2.5	4.0	1.4	1.0	1.1	0.9	-0.095	0.000	0.000	0.000
15:15:00	25.5	2.8	4.1	4.9	3.5	0.9	1.3	1.2	-0.096	0.000	0.000	0.000
15:30:00	3.0	2.5	2.7	2.6	0.9	0.9	0.8	1.0	-0.101	0.000	0.000	0.000
15:45:00	9.0	2.3	3.3	2.8	1.5	0.9	0.9	1.0	-0.102	-0.001	0.000	0.000
16:00:00	2.6	2.1	2.1	2.3	0.8	0.8	0.8	0.9	-0.108	0.000	0.000	0.000
16:15:00	2.4	2.0	3.5	2.6	0.8	0.8	0.9	1.0	-0.102	0.000	0.000	0.000
16:30:00	26.1	2.1	2.1	2.9	4.0	0.8	1.0	0.9	-0.089	0.000	0.000	0.000
16:45:00	28.1	2.1	53.1	3.0	3.7	1.0	1.0	6.4	-0.070	0.000	0.000	0.000
17:00:00	58.2	2.3	3.7	3.3	5.9	1.0	1.1	1.1	-0.038	0.001	0.000	0.001
17:15:00	113.6	2.5	3.3	2.8	15.8	1.3	1.1	1.1	-0.025	0.000	0.000	0.002
17:30:00	5.0	2.6	3.7	3.2	1.2	1.2	1.6	1.1	-0.008	0.000	0.000	0.002
17:45:00	160.4	2.9	2.4	3.8	20.6	1.4	1.5	1.1	0.001	0.001	0.000	0.000
18:00:00	4.9	4.1	4.1	20.7	2.2	1.8	4.1	1.4	0.003	0.001	0.000	0.000
18:15:00	60.7	4.2	14.3	65.4	10.5	2.1	12.3	2.9	0.003	0.001	0.002	0.000
18:30:00	10.2	5.6	12.0	71.6	2.6	2.4	13.6	2.8	0.002	0.001	0.008	0.000
18:45:00	14.1	6.4	11.0	119.9	3.3	2.5	22.9	2.9	-0.006	0.001	0.010	0.000
19:00:00	18.2	6.7	16.8	183.1	4.9	2.7	33.4	4.1	-0.012	0.000	0.011	0.000
19:15:00	15.0	5.2	13.7	83.9	4.6	2.8	17.7	3.8	-0.018	0.001	0.012	0.000
19:30:00	123.9	6.0	10.2	44.3	16.3	3.8	12.3	3.2	-0.024	0.000	0.015	0.000
19:45:00	66.2	9.1	6.9	62.4	10.2	6.2	14.6	2.7	-0.027	0.000	0.015	0.000
20:00:00	39.8	9.1	8.5	66.4	7.1	6.1	15.1	4.2	-0.031	0.000	0.015	0.000
20:15:00	234.0	8.9	8.9	44.0	27.8	5.7	11.0	4.9	-0.035	0.000	0.014	0.000
20:30:00	31.6	9.6	12.0	33.1	6.7	5.8	10.3	8.3	-0.037	0.000	0.013	0.000
20:45:00	12.8	10.8	13.1	30.0	5.2	7.3	8.9	9.4	-0.043	0.000	0.011	0.000
21:00:00	10.9	11.9	15.9	16.6	5.8	8.1	8.4	11.8	-0.048	0.001	0.013	0.000
21:15:00	11.0	13.2	13.0	13.7	6.5	9.2	8.5	9.1	-0.051	0.001	0.013	0.000
21:30:00	12.8	13.6	10.2	14.4	8.4	9.8	9.9	6.9	-0.052	0.000	0.012	0.000
21:45:00	15.3	14.3	13.7	14.1	10.6	10.5	9.8	9.7	-0.054	0.001	0.010	0.000
22:00:00	15.1	17.6	19.6	14.6	10.4	13.5	10.4	15.0	-0.055	0.001	0.011	0.000
22:15:00	15.0	15.9	16.0	17.8	10.5	12.0	11.2	11.8	-0.058	0.001	0.011	0.000
22:30:00	15.6	13.6	19.8	16.5	11.2	10.0	10.9	14.1	-0.057	0.000	0.017	0.000
22:45:00	15.2	12.1	21.9	16.2	10.8	8.9	11.4	15.7	-0.059	0.000	0.014	0.000
23:00:00	15.2	11.2	17.0	16.6	10.8	8.4	10.6	12.5	-0.066	0.000	0.021	0.000
23:15:00	13.6	12.1	19.8	18.5	9.8	9.0	11.1	15.1	-0.066	0.001	0.015	0.000
23:30:00	14.9	11.4	20.8	41.3	10.0	8.5	15.8	16.2	-0.060	0.001	0.013	0.000
23:45:00	14.4	11.4	22.2	22.8	9.8	8.6	13.3	17.2	-0.050	0.000	0.015	0.000

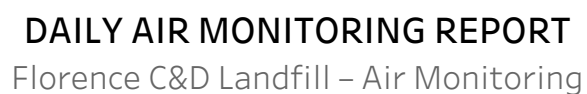


Table 4 : Summary of Exceedances (greater than Action Level) -

[illegible]