



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-19

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.02000 Max : 11.81	2943 ENE	2693 NNE	2996 SSW	2997 NNW	Min : 47.84 Max : 91.58	Min : 35.00 Max : 84.90	Min : 30.07 Max : 30.36

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	14.3	19.8	8.5	13.7	0.001	0.006
2943	31.4	250.8	11.0	35.5	-0.114	0.030
2996	23.8	93.3	11.2	24.7	0.007	0.044
2997	22.4	127.7	10.1	25.8	0.002	0.029



Figure 1 : Monitoring Locations

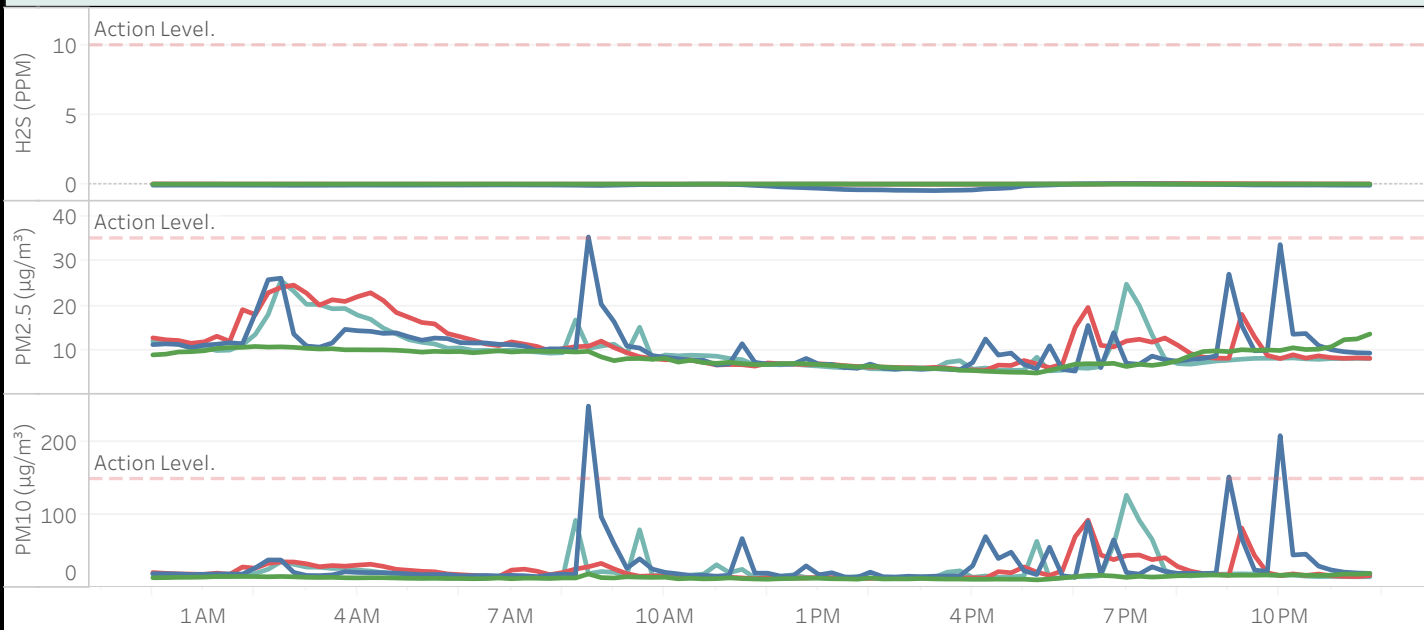


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

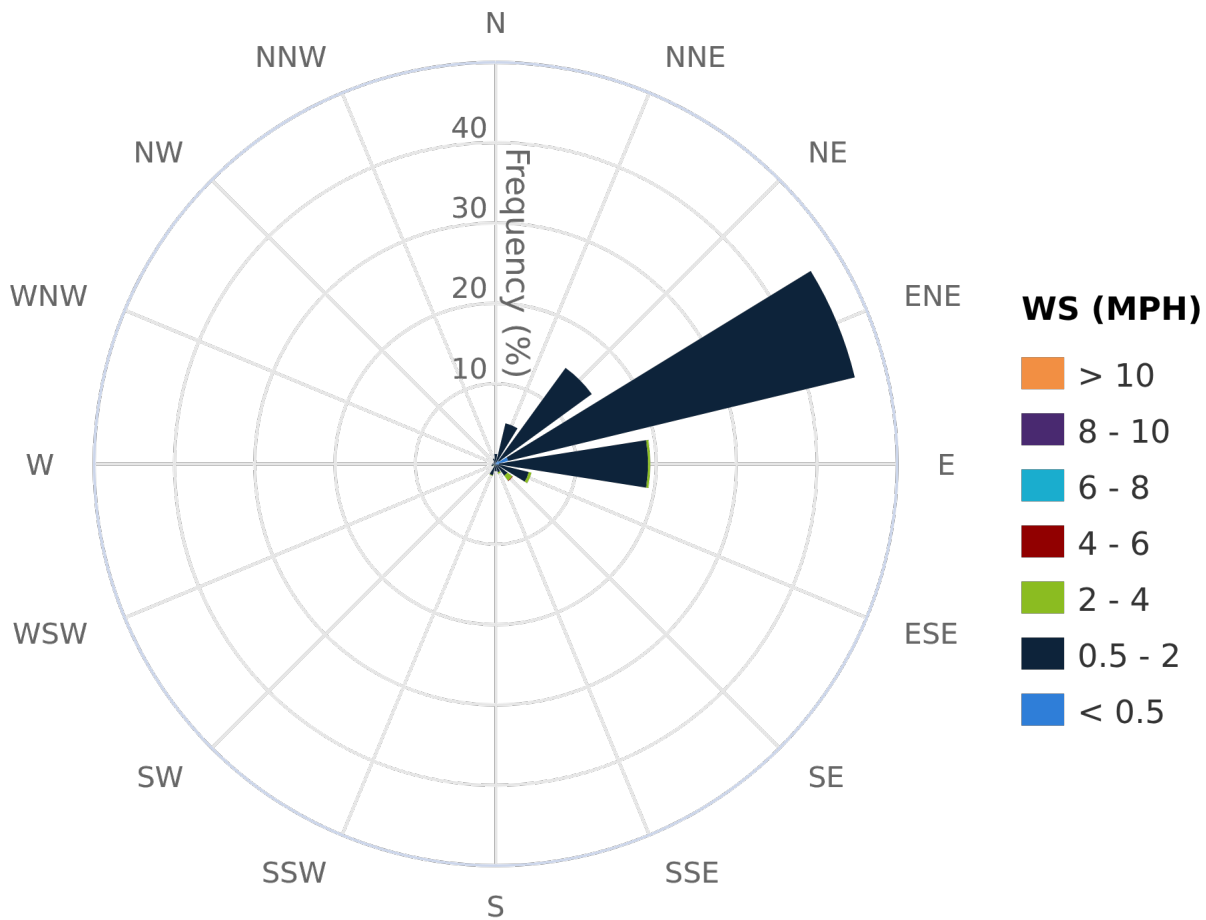


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

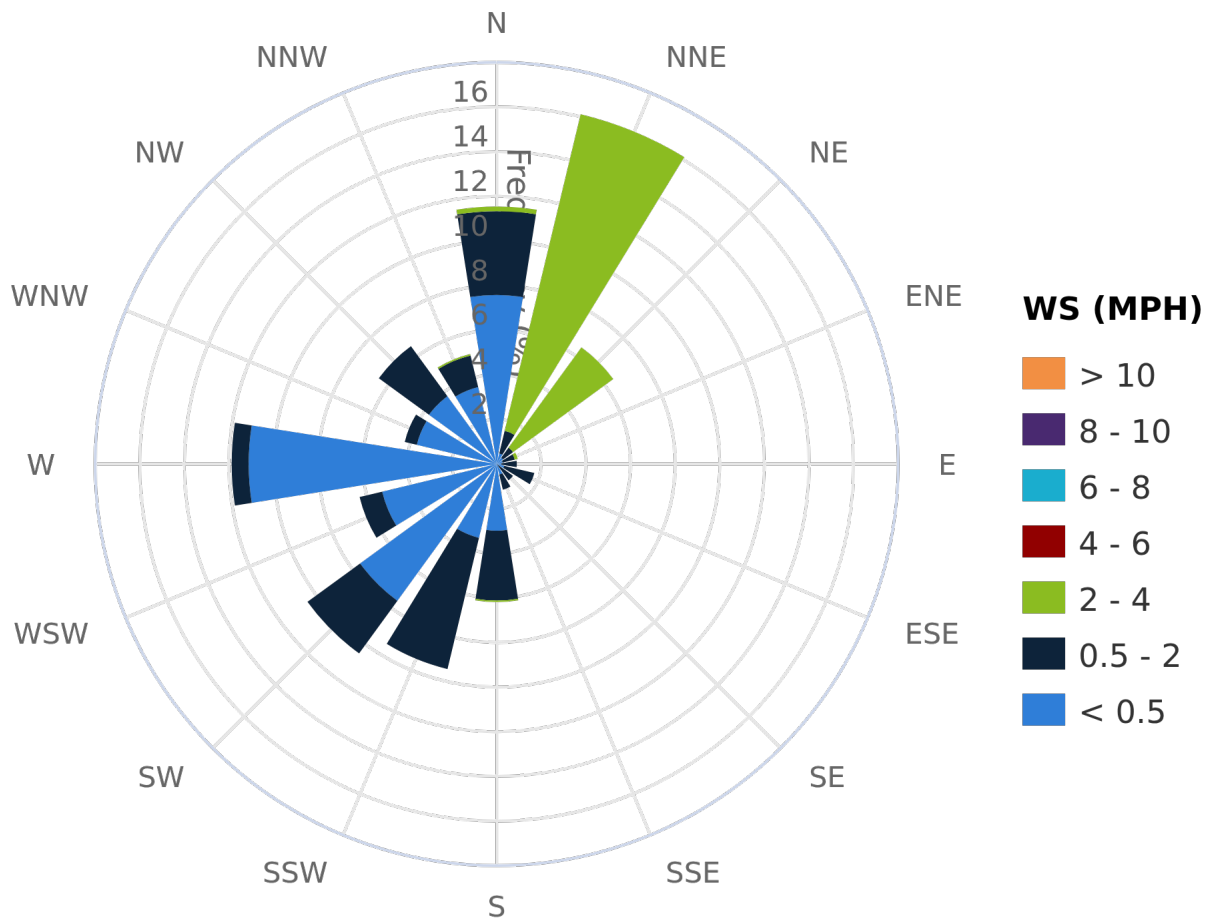


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

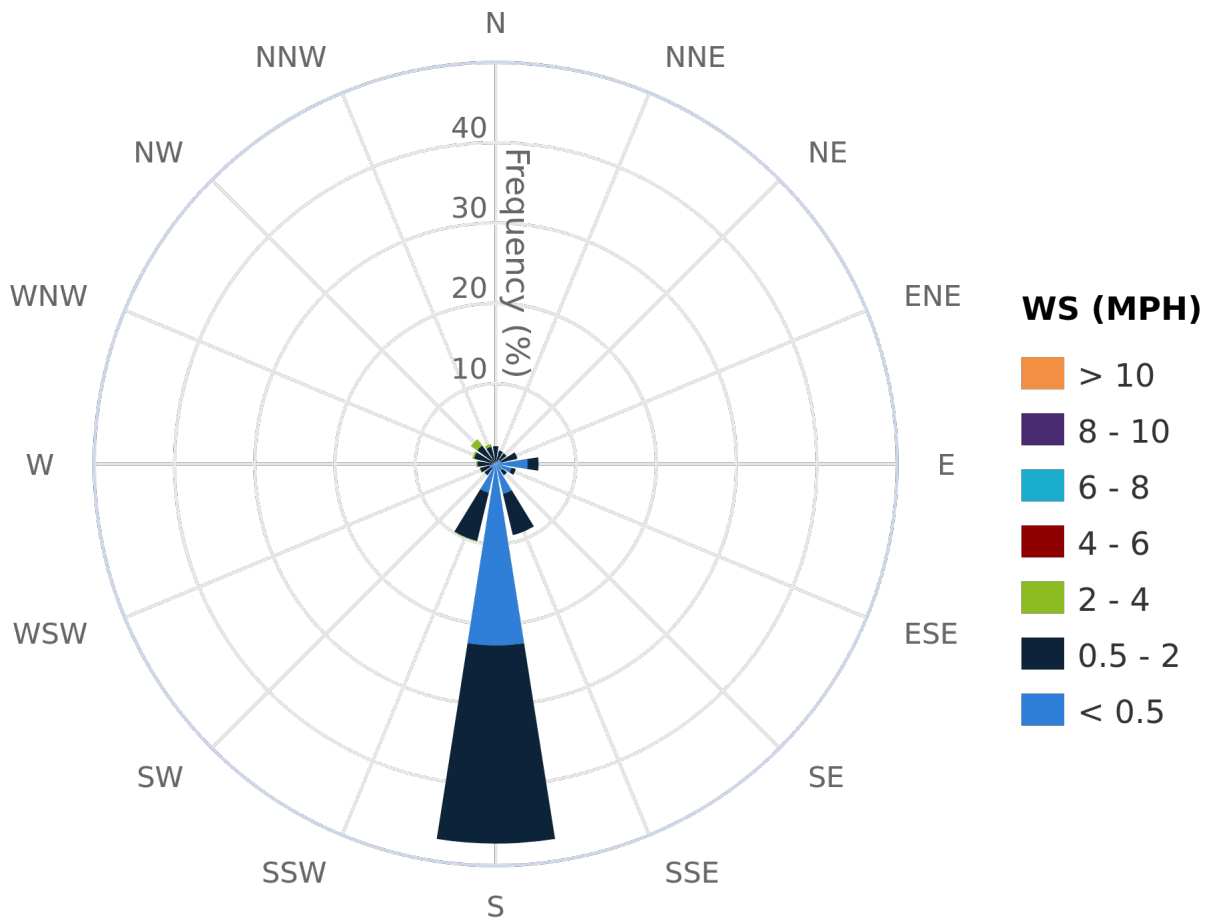


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

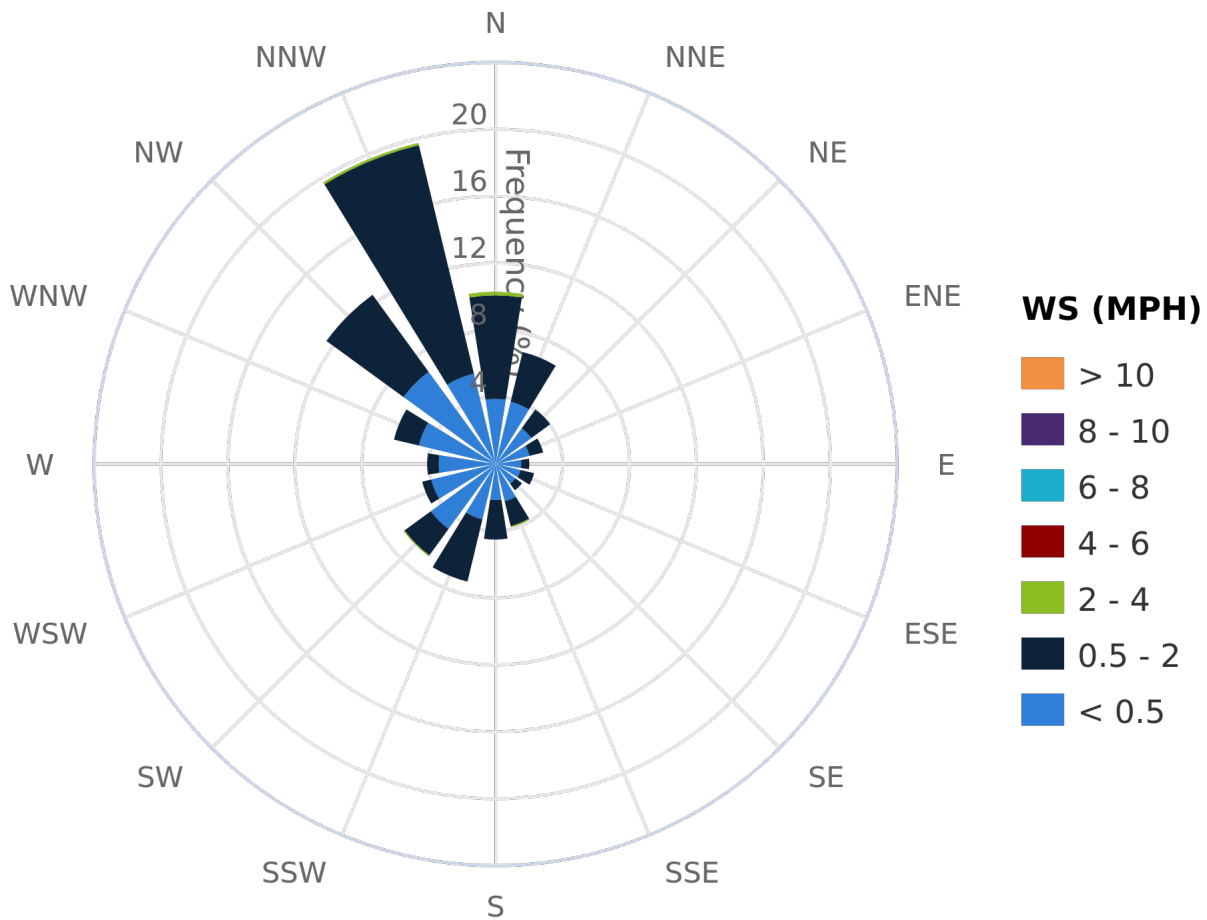


Figure 3 : Wind Rose Chart (WS in MPH)



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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	19.4	13.8	18.6	21.0	11.3	9.0	12.8	12.1	-0.072	0.000	0.011	0.000
00:15:00	19.3	14.0	18.1	19.9	11.4	9.1	12.4	11.8	-0.071	0.000	0.010	0.000
00:30:00	19.0	14.4	17.6	19.2	11.3	9.6	12.2	11.4	-0.069	0.000	0.009	0.000
00:45:00	18.2	14.4	16.6	18.9	10.6	9.7	11.6	10.4	-0.071	0.001	0.009	0.000
01:00:00	18.6	14.8	16.5	18.5	11.2	9.9	11.9	10.6	-0.071	0.001	0.006	0.000
01:15:00	19.0	15.6	15.3	20.2	11.4	10.4	13.2	9.9	-0.069	0.000	0.004	0.000
01:30:00	19.1	15.5	15.6	18.5	11.7	10.6	12.0	10.0	-0.069	0.001	0.003	0.000
01:45:00	18.9	15.6	16.7	28.7	11.5	10.7	19.1	11.2	-0.072	0.000	0.003	0.000
02:00:00	27.4	15.5	19.8	27.0	18.3	10.9	18.0	13.6	-0.073	0.000	0.002	0.000
02:15:00	38.4	15.2	25.5	33.7	25.9	10.7	23.0	18.0	-0.075	0.001	0.003	0.000
02:30:00	38.3	15.6	35.9	35.7	26.2	10.8	24.2	25.8	-0.076	0.000	0.002	0.000
02:45:00	21.2	15.1	32.4	35.6	13.7	10.7	24.7	23.3	-0.081	0.001	0.002	0.000
03:00:00	17.0	14.4	28.5	33.1	11.0	10.4	22.9	20.4	-0.080	0.001	0.000	0.000
03:15:00	16.8	14.2	28.3	29.0	10.7	10.3	20.2	20.3	-0.078	0.000	0.001	0.000
03:30:00	17.7	14.4	26.7	30.7	11.6	10.3	21.4	19.4	-0.075	0.000	0.000	0.000
03:45:00	22.1	13.8	26.9	29.8	14.7	10.1	21.0	19.4	-0.073	0.000	0.000	0.000
04:00:00	21.2	13.7	24.4	31.3	14.4	10.1	22.1	17.9	-0.067	0.000	0.000	0.000
04:15:00	20.8	13.9	23.0	32.4	14.3	10.1	23.0	17.0	-0.069	0.000	0.000	0.000
04:30:00	20.8	13.9	20.7	29.5	13.8	10.1	21.2	15.0	-0.071	0.000	0.000	0.000
04:45:00	20.1	13.5	18.9	25.5	13.9	10.0	18.5	13.7	-0.071	0.000	0.000	0.000
05:00:00	19.1	13.1	16.9	24.1	13.0	9.8	17.4	12.4	-0.069	0.001	0.000	0.000
05:15:00	18.1	12.9	16.3	22.7	12.3	9.6	16.3	11.8	-0.067	0.000	0.001	0.000
05:30:00	18.3	13.1	15.9	22.1	12.8	9.8	15.9	11.4	-0.066	-0.001	0.000	0.000
05:45:00	18.2	12.7	14.4	19.1	12.6	9.7	13.8	10.5	-0.063	0.000	0.000	0.000
06:00:00	16.5	12.7	14.6	18.1	11.7	9.7	13.0	10.5	-0.064	0.001	0.000	0.000
06:15:00	16.7	12.5	13.6	17.1	11.6	9.4	12.3	10.0	-0.061	0.001	0.000	0.000
06:30:00	16.9	12.7	13.8	16.1	11.6	9.7	11.4	10.0	-0.057	0.001	0.000	0.000
06:45:00	16.4	13.6	13.9	15.6	11.3	9.9	11.1	9.9	-0.055	0.001	0.000	0.000
07:00:00	17.1	12.5	14.3	24.4	11.3	9.6	11.9	10.1	-0.054	0.000	0.000	0.000
07:15:00	16.6	13.3	14.5	25.7	10.9	9.8	11.4	9.8	-0.059	0.000	0.000	0.000
07:30:00	15.3	13.3	13.6	22.8	9.9	9.8	10.8	9.6	-0.061	0.000	0.000	0.000
07:45:00	17.8	12.9	13.5	18.0	10.3	9.7	9.8	9.3	-0.063	0.000	0.000	0.000
08:00:00	18.8	13.5	14.6	21.1	10.3	9.7	10.4	9.5	-0.069	0.001	0.000	0.000
08:15:00	18.3	13.5	93.1	25.8	10.0	9.6	10.8	16.8	-0.075	0.000	0.000	0.000
08:30:00	250.8	19.1	19.5	29.0	35.5	9.8	10.9	10.4	-0.087	0.000	0.000	0.000
08:45:00	97.9	14.0	22.4	33.6	20.4	8.5	12.1	11.0	-0.093	0.000	0.000	0.000
09:00:00	60.8	13.5	21.3	26.1	16.5	7.7	10.6	11.4	-0.073	0.001	0.000	0.000
09:15:00	27.0	15.2	17.3	19.5	11.0	8.1	9.5	9.4	-0.056	0.001	0.000	0.000
09:30:00	40.0	14.6	80.0	15.9	10.5	8.2	8.5	15.2	-0.037	0.001	0.000	0.000
09:45:00	25.7	14.3	16.5	16.5	8.8	8.0	8.2	8.0	-0.036	0.000	0.000	0.000
10:00:00	21.2	14.6	17.8	15.9	8.4	8.2	7.9	8.9	-0.028	0.000	0.000	0.000
10:15:00	19.2	12.4	17.0	15.7	8.1	7.3	7.9	8.7	-0.018	0.000	0.000	0.000
10:30:00	16.8	13.1	17.5	15.8	7.8	7.8	7.8	8.9	-0.006	0.001	0.000	0.000
10:45:00	17.3	12.3	18.9	14.6	7.7	7.2	7.3	8.8	0.000	0.002	0.000	0.000
11:00:00	15.9	12.6	31.7	14.0	6.7	7.1	6.7	8.7	-0.003	0.002	0.000	0.001
11:15:00	17.3	13.7	20.9	14.5	6.9	7.3	6.8	8.1	-0.021	0.003	0.000	0.002
11:30:00	67.9	12.7	25.4	13.6	11.5	7.0	6.8	7.9	-0.044	0.003	0.000	0.000
11:45:00	20.2	12.1	13.5	12.5	7.3	6.8	6.4	6.6	-0.093	0.004	0.000	0.000



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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	20.1	11.8	14.6	13.9	6.9	6.8	7.1	6.8	-0.135	0.004	0.000	0.000
12:15:00	16.1	12.5	15.7	13.9	6.9	7.0	7.0	6.7	-0.194	0.005	0.000	0.000
12:30:00	16.8	12.8	17.9	13.7	6.9	7.0	6.9	6.9	-0.228	0.005	0.000	0.000
12:45:00	30.2	13.2	14.2	13.5	8.2	7.0	6.8	6.6	-0.261	0.005	0.000	0.000
13:00:00	17.9	13.2	13.8	14.2	6.8	6.8	7.0	6.4	-0.299	0.006	0.000	0.000
13:15:00	20.7	12.4	12.9	14.0	6.8	6.6	6.8	6.2	-0.342	0.006	0.000	0.000
13:30:00	15.0	12.3	13.2	13.5	6.1	6.5	6.5	6.0	-0.385	0.005	0.000	0.000
13:45:00	14.4	11.9	15.8	12.8	5.9	6.2	6.3	6.3	-0.405	0.004	0.000	0.000
14:00:00	21.6	13.5	13.4	12.9	6.9	6.5	6.2	5.8	-0.409	0.004	0.000	0.000
14:15:00	15.2	12.1	13.4	13.6	5.9	6.2	6.2	5.8	-0.415	0.003	0.000	0.000
14:30:00	14.8	12.3	12.7	13.3	5.8	6.1	6.1	5.6	-0.441	0.003	0.000	0.000
14:45:00	16.0	12.2	15.3	13.5	5.9	5.9	6.1	6.1	-0.446	0.003	0.000	0.000
15:00:00	15.1	12.8	15.3	13.4	5.7	5.9	6.0	6.0	-0.454	0.002	0.000	0.000
15:15:00	16.0	12.3	14.4	14.6	5.9	5.9	6.2	5.9	-0.464	0.002	0.000	0.000
15:30:00	16.3	12.0	21.5	14.5	5.7	5.8	6.0	7.3	-0.446	0.002	0.000	0.000
15:45:00	16.4	12.0	23.4	13.7	5.6	5.5	5.7	7.7	-0.436	0.002	0.000	0.000
16:00:00	30.5	11.7	14.4	13.8	7.2	5.4	5.6	5.7	-0.418	0.002	0.000	0.000
16:15:00	70.6	11.7	16.3	13.4	12.5	5.3	5.5	6.0	-0.341	0.002	0.000	0.000
16:30:00	40.4	12.0	14.4	22.2	8.9	5.2	6.7	5.5	-0.310	0.001	0.000	0.000
16:45:00	49.1	11.8	14.9	20.7	9.4	5.1	6.6	5.5	-0.262	0.001	0.000	0.000
17:00:00	23.5	11.8	16.4	28.7	6.8	5.0	7.7	5.5	-0.122	0.002	0.000	0.010
17:15:00	18.2	10.9	64.1	21.6	5.8	4.9	6.9	8.4	-0.087	0.000	0.000	0.018
17:30:00	55.9	12.0	12.9	17.1	11.0	5.5	6.1	5.4	-0.064	0.000	0.000	0.022
17:45:00	16.6	13.6	13.6	23.4	5.7	6.1	6.9	5.5	-0.027	0.001	0.000	0.029
18:00:00	14.4	15.1	15.5	70.6	5.3	6.9	15.1	6.0	0.000	0.001	0.000	0.029
18:15:00	91.1	17.3	15.2	93.3	15.6	7.0	19.6	5.9	0.015	0.000	0.000	0.029
18:30:00	18.3	17.1	16.7	45.3	6.1	6.9	11.1	6.3	0.021	0.000	0.007	0.026
18:45:00	66.2	16.2	59.2	38.8	14.0	7.1	10.8	12.2	0.030	0.000	0.028	0.022
19:00:00	21.0	14.3	127.7	44.4	7.1	6.3	12.1	24.9	0.030	-0.001	0.036	0.015
19:15:00	18.9	15.8	93.0	45.2	6.8	6.8	12.5	20.1	0.028	0.000	0.041	0.010
19:30:00	28.9	14.8	66.8	38.8	8.7	6.6	11.8	13.5	0.024	0.000	0.043	0.005
19:45:00	22.5	15.5	24.1	41.5	7.9	7.0	12.8	8.1	0.019	-0.001	0.044	0.000
20:00:00	19.9	16.6	17.5	29.3	7.6	7.6	11.1	7.0	0.007	0.000	0.044	0.000
20:15:00	20.0	17.1	16.3	23.0	7.9	8.8	9.3	6.9	-0.001	0.001	0.042	0.000
20:30:00	19.7	17.7	17.4	19.5	8.2	9.7	8.5	7.2	-0.012	0.000	0.041	0.000
20:45:00	20.3	17.5	18.5	18.4	8.7	9.9	8.2	7.6	-0.021	0.001	0.040	0.000
21:00:00	152.9	17.2	18.9	17.2	27.2	9.7	8.2	7.8	-0.031	0.001	0.035	0.000
21:15:00	68.2	17.3	19.2	82.5	15.6	10.1	18.1	8.0	-0.045	0.001	0.032	0.000
21:30:00	24.5	17.3	18.9	44.4	9.9	10.0	13.0	8.2	-0.059	0.000	0.027	0.000
21:45:00	22.5	17.7	18.0	20.8	10.0	10.1	8.8	8.2	-0.058	0.001	0.026	0.000
22:00:00	209.9	17.3	17.0	16.7	33.8	10.0	8.1	8.2	-0.061	0.000	0.024	0.000
22:15:00	45.2	17.9	17.6	19.2	13.6	10.6	9.0	8.3	-0.061	0.001	0.020	0.000
22:30:00	46.4	17.3	16.0	17.0	13.8	10.2	8.2	8.1	-0.064	0.001	0.017	0.000
22:45:00	29.9	17.0	15.4	18.9	11.1	10.3	8.7	8.0	-0.062	0.001	0.011	0.000
23:00:00	24.5	17.3	15.7	16.5	10.1	10.8	8.3	8.1	-0.069	0.001	0.014	0.000
23:15:00	21.5	18.9	15.3	15.8	9.7	12.4	8.2	8.1	-0.072	0.001	0.011	0.000
23:30:00	20.4	18.8	15.2	15.4	9.4	12.6	8.3	8.2	-0.073	0.001	0.009	0.000
23:45:00	19.8	19.8	15.2	16.9	9.4	13.7	8.2	8.2	-0.077	0.001	0.008	0.000

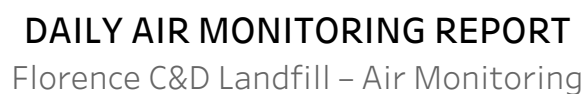


Table 4 : Summary of Exceedances (greater than Action Level) -

[illegible]