



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-13

Table 1 : Weather Summary

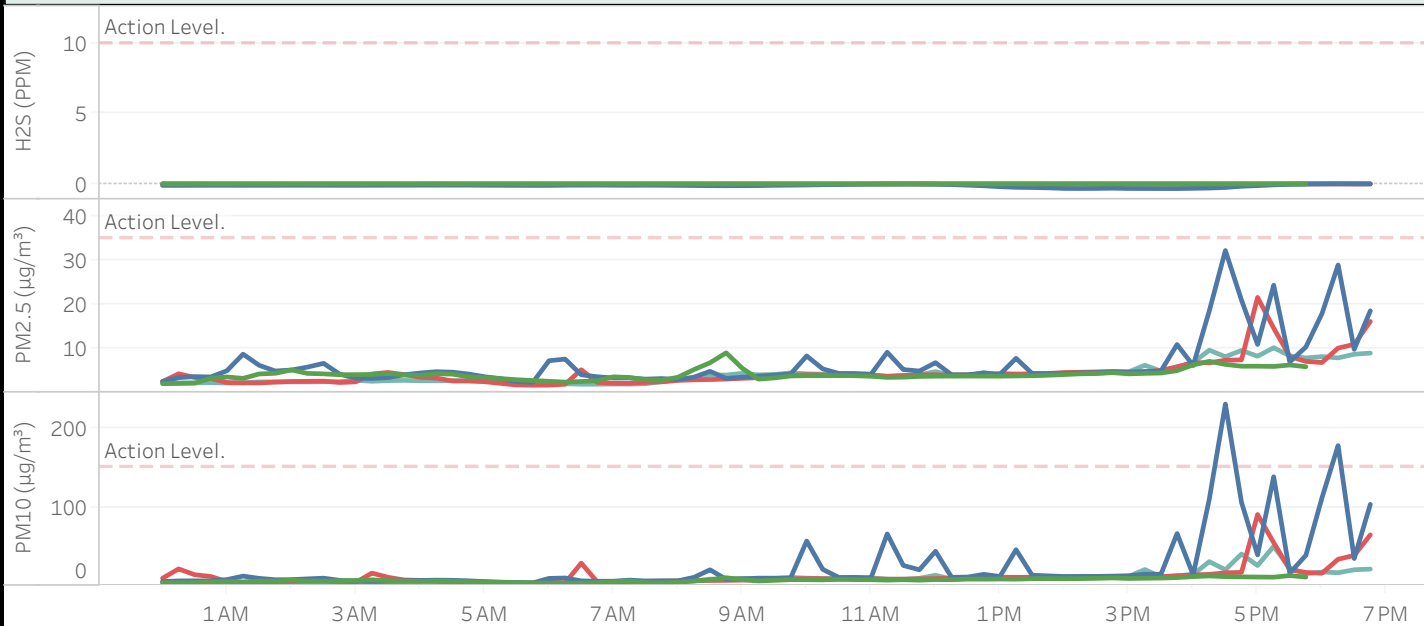
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 35.75	2943 ESE	2693 WNW	2996 WSW	2997 NNW	Min : 41.00 Max : 86.90	Min : 35.50 Max : 90.60	Min : 30.08 Max : 30.32

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	7.1	13.0	4.1	9.0	0.001	0.004
2943	25.9	231.1	6.6	32.1	-0.119	0.013
2996	12.3	90.6	4.5	21.5	0.001	0.010
2997	9.9	50.2	4.1	10.2	0.001	0.019



Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

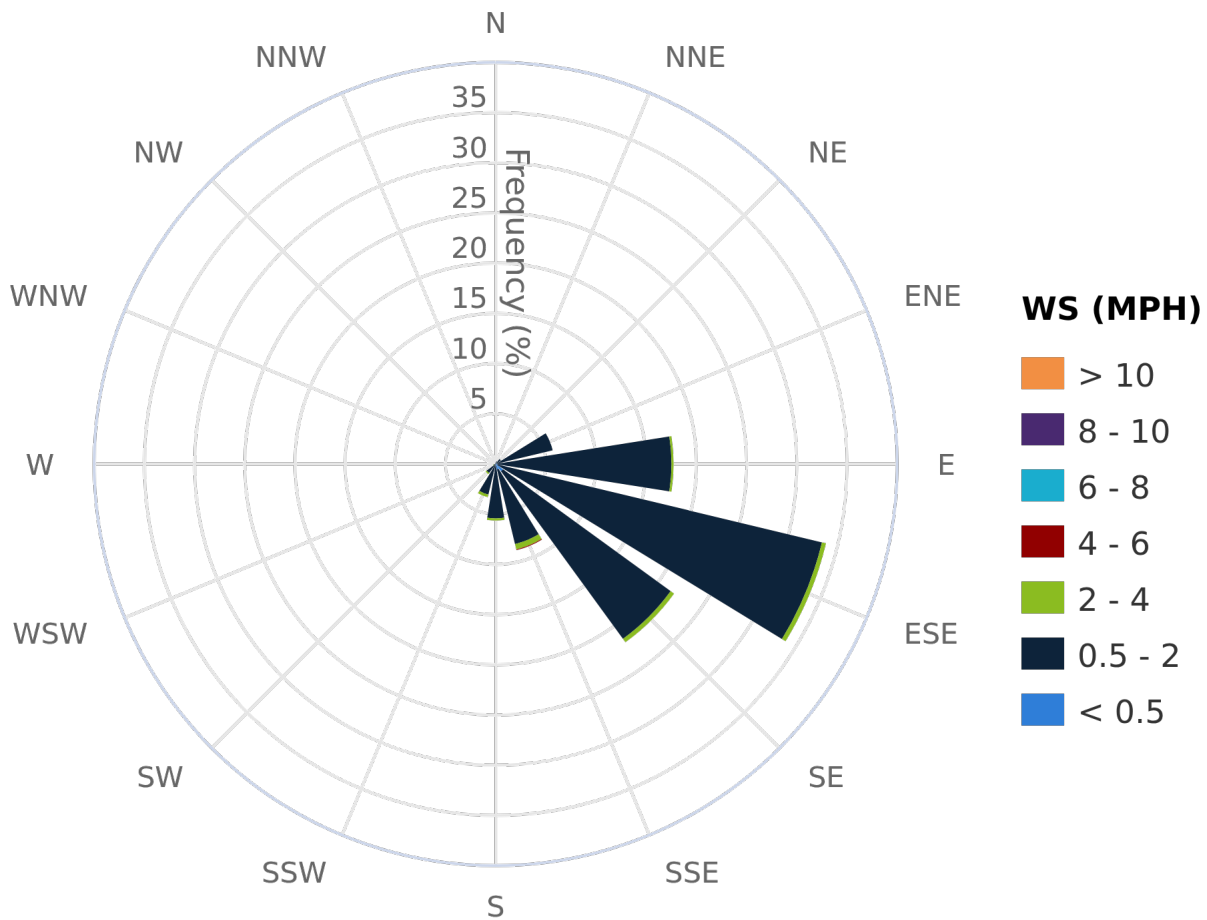


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-11-12

Wind Rose Chart 2693

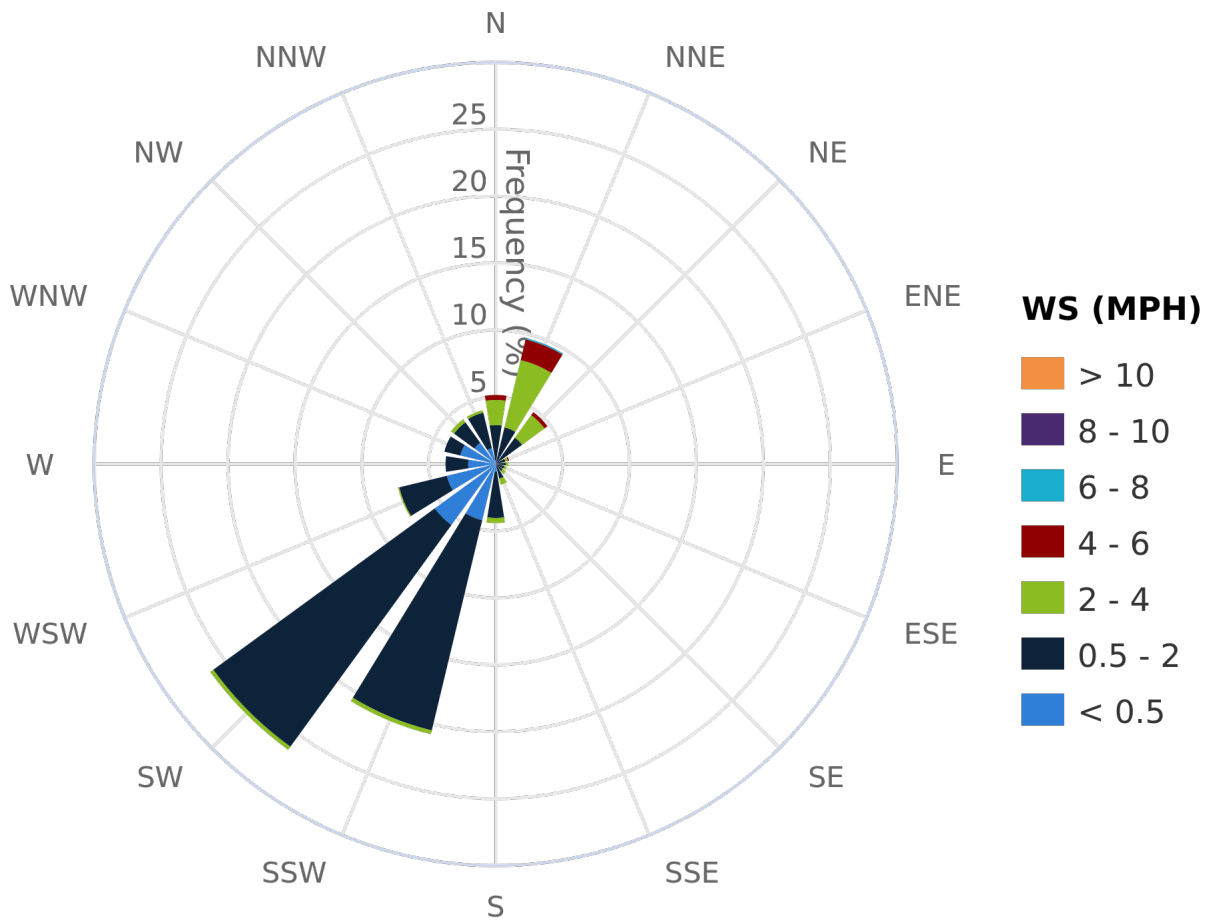


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

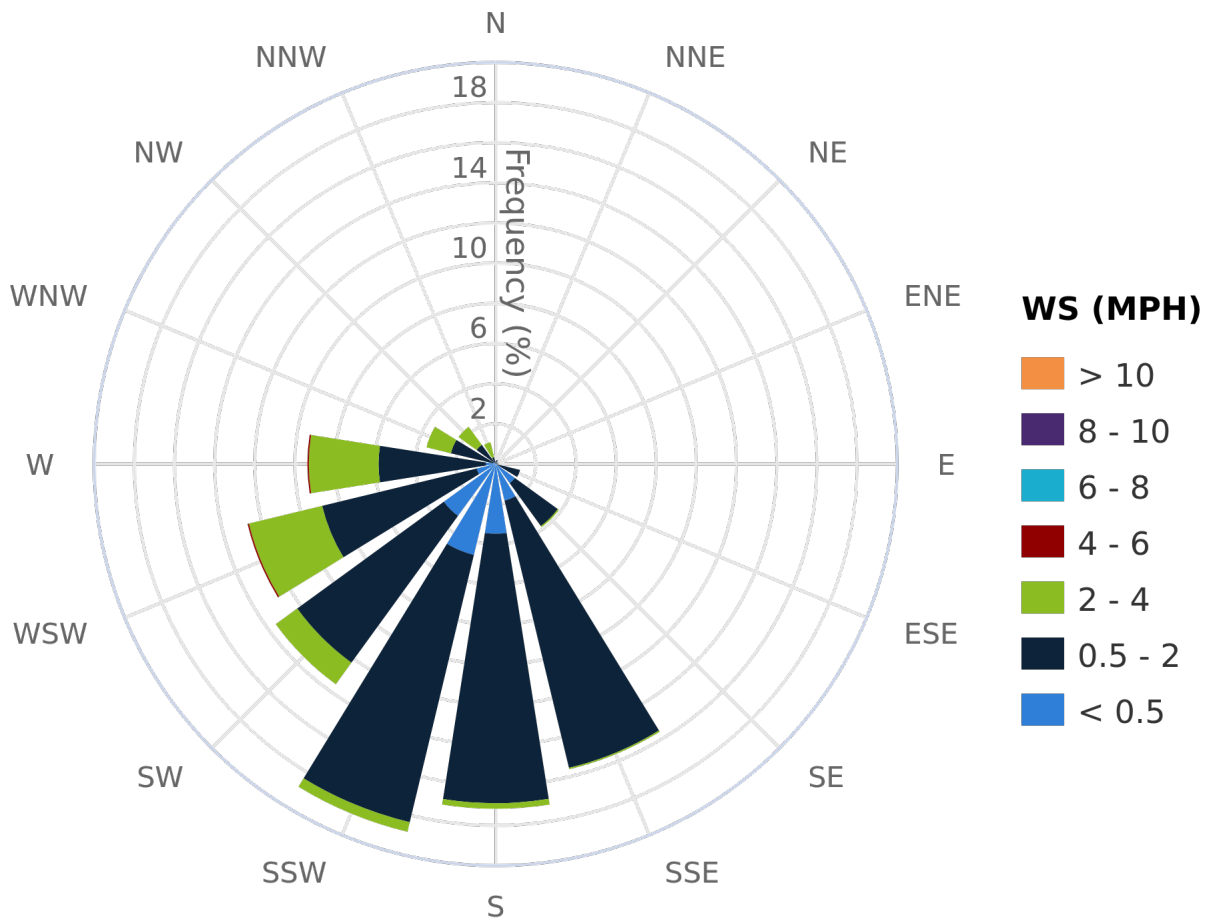


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

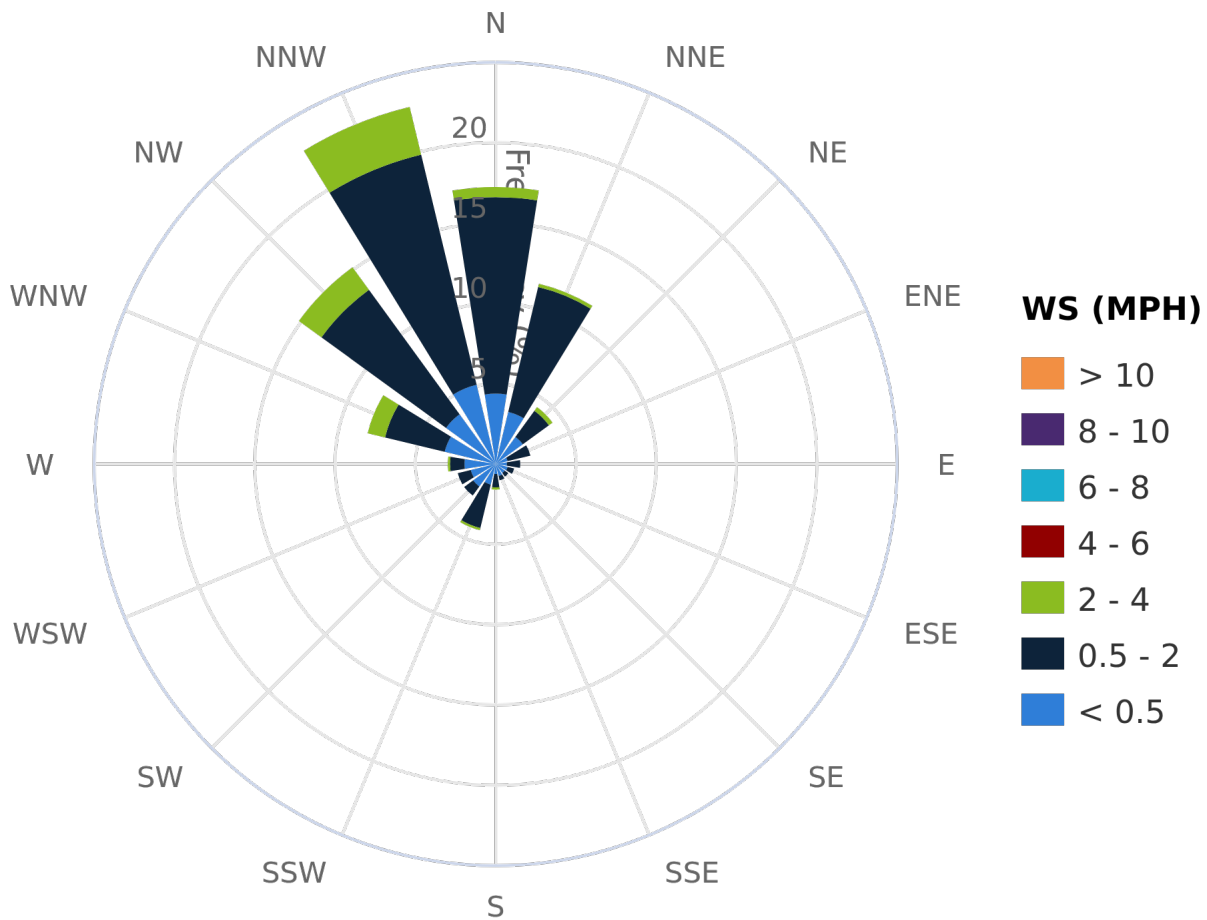


Figure 3 : Wind Rose Chart (WS in MPH)



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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	5.3	3.7	4.6	9.6	2.5	2.0	2.5	2.3	-0.102	0.001	0.010	0.000
00:15:00	6.2	3.8	4.3	21.4	3.4	2.1	4.3	2.2	-0.101	0.000	0.007	0.000
00:30:00	6.3	3.9	4.1	14.0	3.6	2.2	3.4	2.2	-0.098	0.002	0.007	0.000
00:45:00	6.2	5.2	4.5	11.8	3.5	3.2	3.2	2.3	-0.095	0.001	0.004	0.000
01:00:00	7.8	5.4	4.3	5.2	5.0	3.5	2.3	2.2	-0.095	0.001	0.002	0.000
01:15:00	12.3	5.0	4.3	4.2	8.7	3.2	2.2	2.2	-0.097	0.001	0.005	0.000
01:30:00	9.4	6.0	4.6	4.0	6.2	4.2	2.2	2.4	-0.097	0.001	0.004	0.000
01:45:00	7.6	5.9	4.4	4.6	4.9	4.4	2.4	2.4	-0.097	0.001	0.002	0.000
02:00:00	7.8	7.2	4.3	5.4	5.1	5.1	2.5	2.4	-0.092	0.001	0.002	0.000
02:15:00	8.8	6.0	4.3	5.9	5.8	4.3	2.6	2.4	-0.093	0.000	0.004	0.000
02:30:00	9.7	5.8	4.4	6.4	6.6	4.2	2.6	2.5	-0.095	0.001	0.001	0.000
02:45:00	6.9	6.4	4.8	4.4	4.2	4.1	2.3	2.5	-0.097	0.001	0.000	0.000
03:00:00	5.9	6.7	4.9	4.3	3.3	4.1	2.4	2.8	-0.097	0.001	0.000	0.000
03:15:00	5.5	7.6	4.4	16.1	3.2	4.1	4.2	2.6	-0.094	0.001	0.000	0.000
03:30:00	5.7	6.5	4.4	10.8	3.4	4.3	4.6	2.7	-0.091	0.001	0.000	0.000
03:45:00	6.2	5.8	4.3	7.4	4.0	4.0	4.1	2.8	-0.089	0.000	0.001	0.000
04:00:00	6.8	5.6	4.2	6.9	4.4	3.9	3.5	2.7	-0.087	0.000	0.007	0.000
04:15:00	7.1	6.2	4.1	5.7	4.7	4.3	3.3	2.7	-0.087	0.001	0.008	0.000
04:30:00	7.0	5.7	4.2	4.5	4.6	4.2	2.6	2.7	-0.085	0.001	0.003	0.000
04:45:00	6.3	5.1	4.1	4.5	4.2	3.6	2.6	2.7	-0.086	0.000	0.000	0.000
05:00:00	5.4	4.6	3.9	4.2	3.6	3.4	2.5	2.6	-0.092	0.000	0.000	0.000
05:15:00	4.7	4.3	3.6	3.9	3.2	3.2	2.1	2.4	-0.095	0.000	0.000	0.000
05:30:00	4.1	4.0	3.7	3.6	2.5	2.9	1.7	2.4	-0.099	0.001	0.000	0.000
05:45:00	3.7	3.8	3.4	3.3	2.3	2.7	1.7	2.2	-0.104	0.001	0.000	0.000
06:00:00	9.4	3.5	3.4	4.5	7.2	2.6	1.7	2.1	-0.103	0.001	0.000	0.000
06:15:00	9.9	3.3	3.1	3.7	7.6	2.4	1.9	2.0	-0.088	0.000	0.000	0.000
06:30:00	6.2	3.5	3.0	28.8	4.0	2.5	5.2	1.9	-0.084	0.001	0.000	0.000
06:45:00	5.8	3.9	3.2	4.8	3.6	2.7	2.3	1.9	-0.083	0.002	0.000	0.000
07:00:00	5.8	5.0	3.3	4.6	3.3	3.6	2.1	2.0	-0.089	0.002	0.000	0.000
07:15:00	7.2	6.2	3.5	4.6	3.3	3.4	2.1	1.9	-0.095	0.002	0.000	0.000
07:30:00	6.1	4.1	4.4	5.7	3.1	2.9	2.3	2.0	-0.087	0.002	0.000	0.000
07:45:00	6.3	3.9	4.9	5.8	3.2	2.8	2.4	2.5	-0.093	0.002	0.000	0.000
08:00:00	6.3	4.3	5.7	6.2	3.0	3.5	2.8	2.9	-0.102	0.001	0.000	0.000
08:15:00	10.7	6.0	6.1	6.6	3.5	5.2	2.9	3.0	-0.111	0.001	0.000	0.000
08:30:00	20.3	7.6	8.5	6.7	4.8	6.8	3.0	4.0	-0.121	0.001	0.000	0.000
08:45:00	8.2	10.2	8.4	6.8	3.2	9.0	3.1	4.0	-0.127	0.001	0.000	0.000
09:00:00	8.8	7.8	9.5	7.2	3.5	5.5	3.2	4.4	-0.122	0.001	0.000	0.000
09:15:00	9.7	6.1	8.6	7.7	3.7	3.1	3.4	4.0	-0.114	0.000	0.000	0.000
09:30:00	9.7	6.9	9.3	8.4	4.0	3.3	3.6	4.1	-0.097	0.001	0.000	0.000
09:45:00	9.8	7.8	10.6	9.0	4.2	3.8	3.9	4.5	-0.086	0.001	0.000	0.000
10:00:00	56.9	7.7	9.7	9.2	8.3	3.8	4.0	4.3	-0.072	0.001	0.000	0.000
10:15:00	20.8	7.5	9.0	9.1	5.4	3.8	4.0	4.2	-0.054	-0.001	0.000	0.000
10:30:00	10.6	8.1	9.6	8.5	4.3	3.9	3.8	4.3	-0.045	0.000	0.000	0.000
10:45:00	10.7	7.8	8.7	9.2	4.3	3.8	4.1	4.1	-0.025	0.000	0.000	0.000
11:00:00	10.3	7.6	9.8	9.0	4.2	3.7	4.0	4.0	-0.013	0.001	0.000	0.001
11:15:00	66.0	7.2	8.4	8.4	9.1	3.4	3.6	3.7	-0.007	0.002	0.000	0.001
11:30:00	25.8	7.7	8.0	8.5	5.2	3.5	3.9	3.8	-0.001	0.002	0.000	0.000
11:45:00	20.4	7.1	9.5	8.8	4.9	3.7	4.0	4.0	-0.004	0.003	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	43.9	7.9	13.4	9.3	6.8	3.7	4.0	4.8	-0.018	0.003	0.000	0.000
12:15:00	10.8	7.7	8.5	9.4	4.0	3.7	4.0	3.8	-0.046	0.003	0.000	0.000
12:30:00	11.1	8.5	9.3	9.7	4.1	3.7	4.0	3.9	-0.086	0.003	0.000	0.000
12:45:00	14.5	8.4	13.9	10.3	4.4	3.7	4.1	4.5	-0.129	0.004	0.000	0.000
13:00:00	11.8	8.6	9.2	11.0	4.1	3.7	4.3	3.9	-0.194	0.004	0.000	0.000
13:15:00	45.9	8.4	9.9	10.7	7.8	3.8	4.2	3.9	-0.237	0.004	0.000	0.000
13:30:00	13.4	8.9	9.4	10.8	4.3	3.8	4.2	3.9	-0.254	0.003	0.000	0.000
13:45:00	12.6	9.1	10.7	10.6	4.3	3.9	4.3	4.1	-0.274	0.003	0.000	0.000
14:00:00	11.8	8.9	11.3	10.7	4.3	4.1	4.5	4.4	-0.318	0.002	0.000	0.000
14:15:00	11.9	9.1	11.2	11.0	4.5	4.3	4.6	4.5	-0.324	0.002	0.000	0.000
14:30:00	12.0	9.4	10.8	10.8	4.5	4.3	4.7	4.4	-0.317	0.002	0.000	0.000
14:45:00	12.3	10.0	11.3	11.2	4.7	4.5	4.8	4.6	-0.300	0.002	0.000	0.000
15:00:00	12.8	9.3	11.8	11.3	4.6	4.2	4.6	4.7	-0.321	0.001	0.000	0.000
15:15:00	14.7	9.6	20.6	10.8	4.8	4.4	4.7	6.2	-0.325	0.001	0.000	0.000
15:30:00	14.7	9.8	11.2	11.7	4.9	4.4	5.0	4.9	-0.326	0.001	0.000	0.000
15:45:00	66.4	10.4	12.7	12.7	10.9	5.0	5.8	5.8	-0.329	0.000	0.000	0.000
16:00:00	13.8	11.6	14.4	13.9	6.1	6.3	6.8	6.8	-0.311	0.001	0.000	0.000
16:15:00	110.1	12.5	30.7	14.5	18.4	7.1	6.7	9.6	-0.291	0.000	0.000	0.000
16:30:00	231.1	11.6	20.3	16.5	32.1	6.4	7.3	8.1	-0.249	0.000	0.000	0.000
16:45:00	106.2	11.3	40.4	17.0	20.9	6.0	7.4	9.5	-0.165	0.001	0.000	0.000
17:00:00	39.3	11.1	25.7	90.6	10.9	6.0	21.5	8.2	-0.117	0.000	0.000	0.004
17:15:00	138.6	10.9	50.2	54.8	24.3	5.9	14.6	10.2	-0.064	0.000	0.000	0.013
17:30:00	16.2	13.0	22.6	20.4	6.9	6.2	8.2	8.3	-0.030	-0.001	0.000	0.019
17:45:00	38.8	11.1	15.3	16.9	10.3	5.9	7.1	7.8	-0.005	-0.001	0.000	0.017
18:00:00	112.0		17.6	15.9	17.9		6.8	8.1	0.005		0.000	0.014
18:15:00	178.3		16.6	33.8	28.9		10.1	7.8	0.013		0.000	0.014
18:30:00	34.6		20.4	38.6	9.8		10.9	8.7	0.008		0.001	0.006
18:45:00	103.5		21.2	64.7	18.5		16.1	8.9	0.004		0.007	0.002

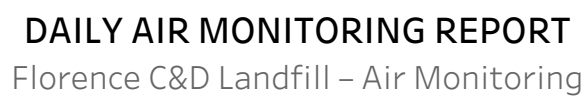


Table 4 : Summary of Exceedances (greater than Action Level) -

16:30:00	231.1
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18:15:00	178.3
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