



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-27

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 18.63	2943 NE	2693 None	2996 SSW	2997 NNW	Min : 45.68 Max : 75.38	Min : 24.50 Max : 90.60	Min : 30.03 Max : 30.30

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	20.5	191.7	4.6	24.8	-0.015	0.059
2996	8.8	73.6	3.5	14.4	0.000	0.000
2997	9.5	47.2	4.9	34.8	0.012	0.042



Figure 1 : Monitoring Locations

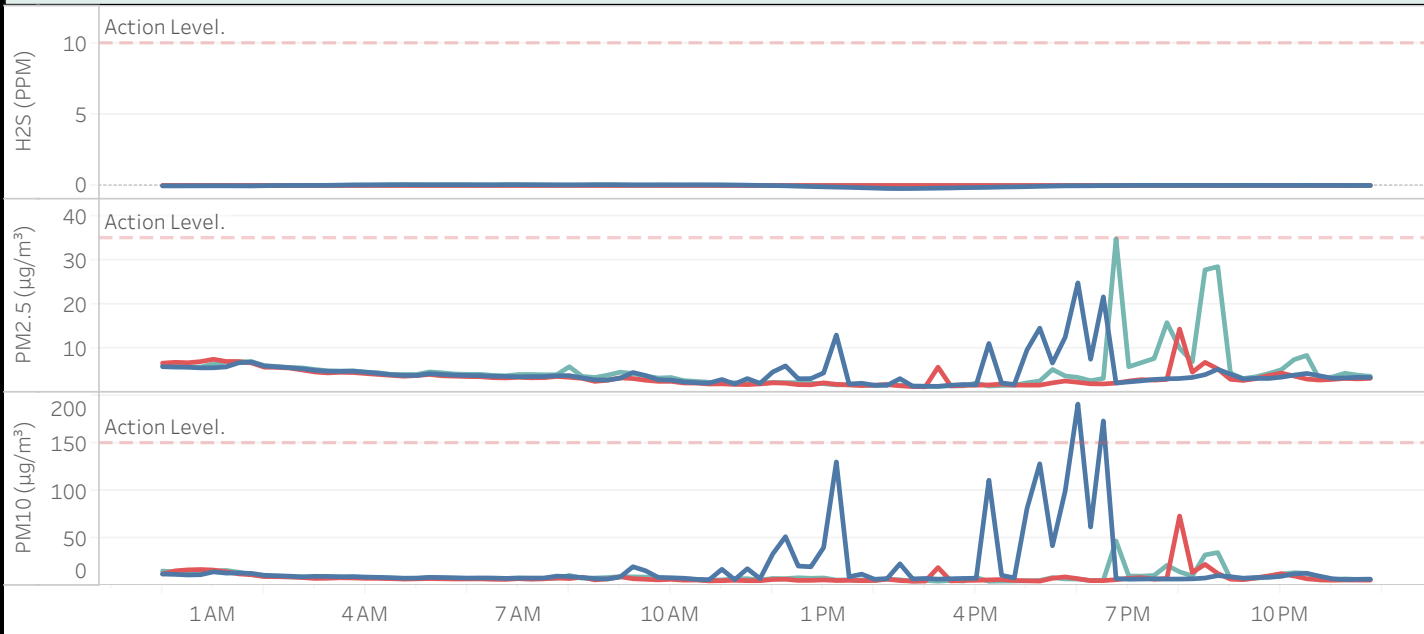


Figure 2 : 15 Minutes Average Concentrations

2943

2996

2997



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Wind Rose Chart 2943

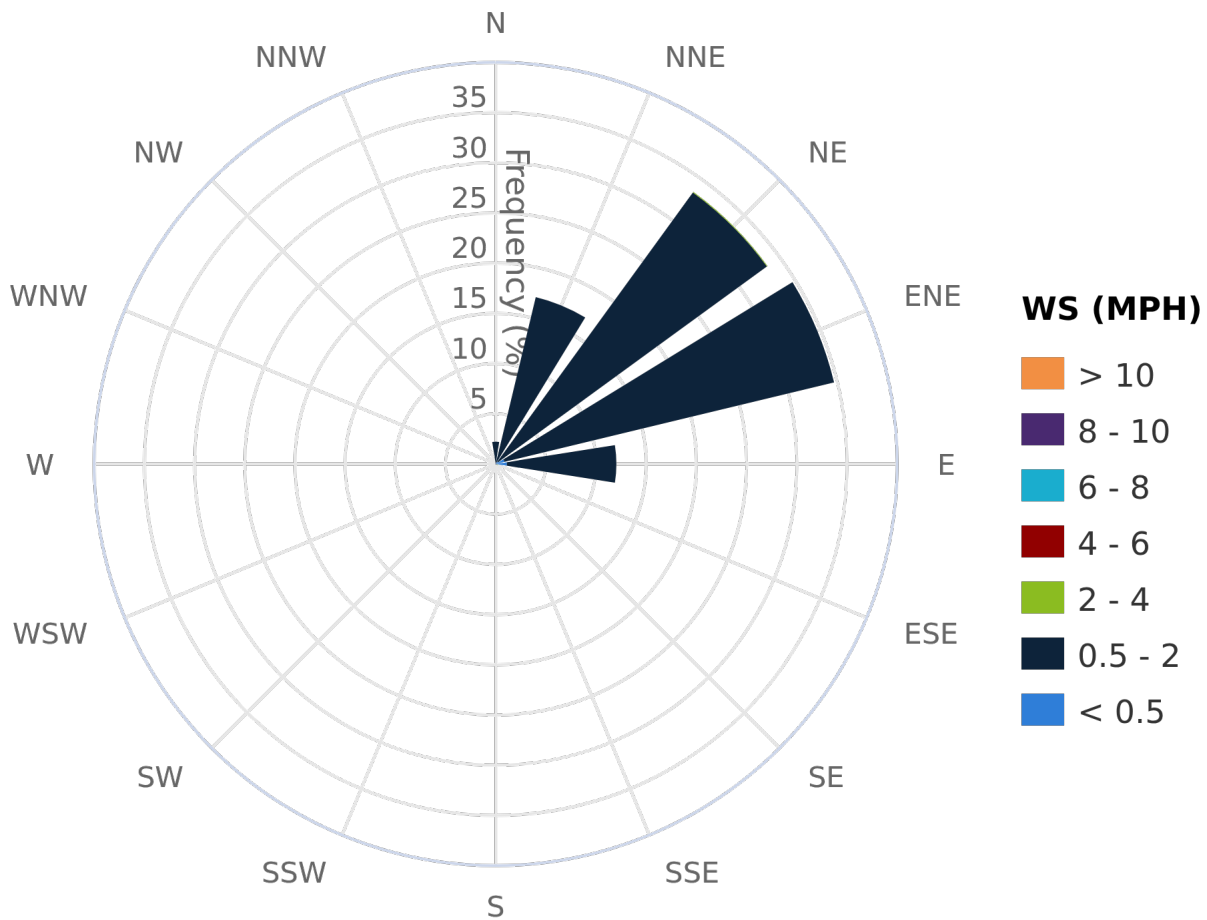


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-24

Wind Rose Chart 2693

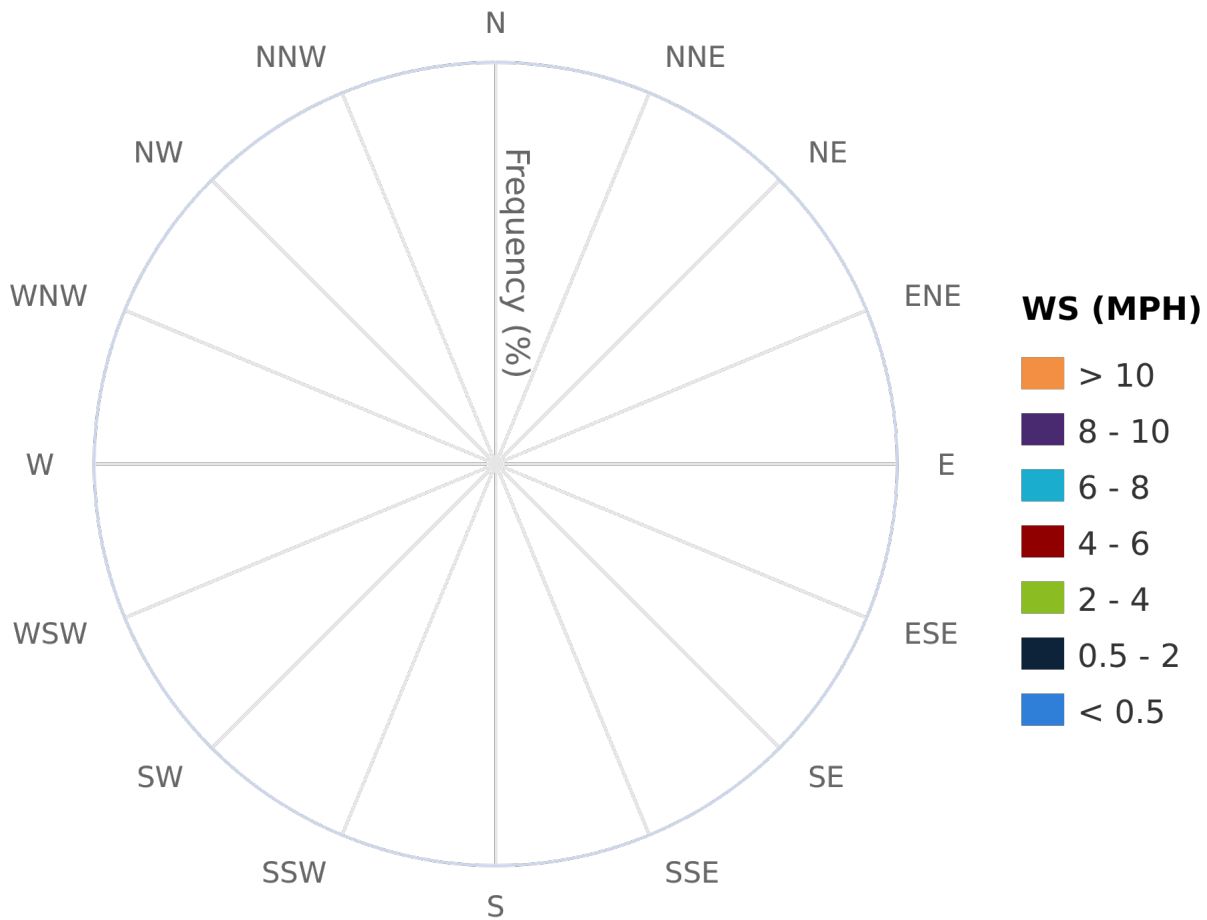


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-11-27

Wind Rose Chart 2996

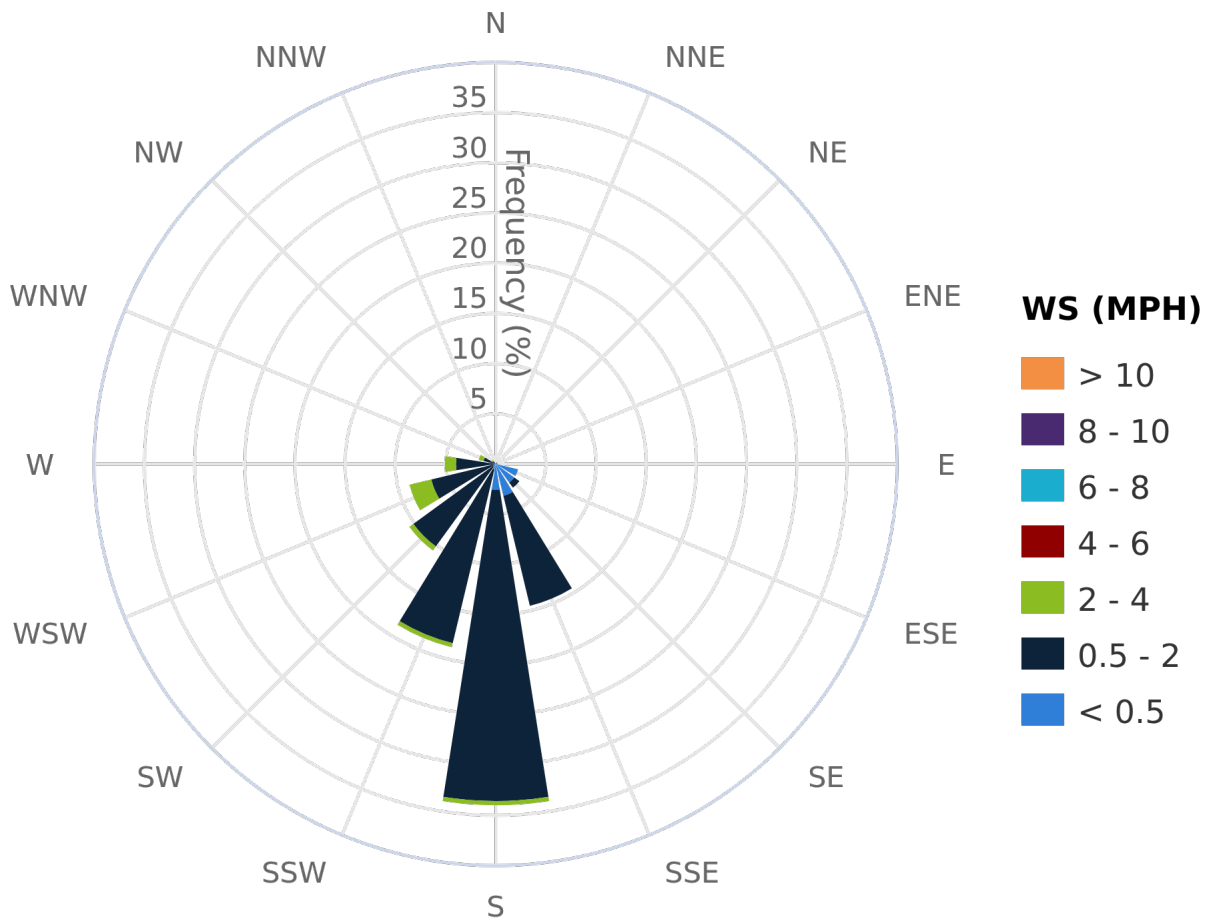


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

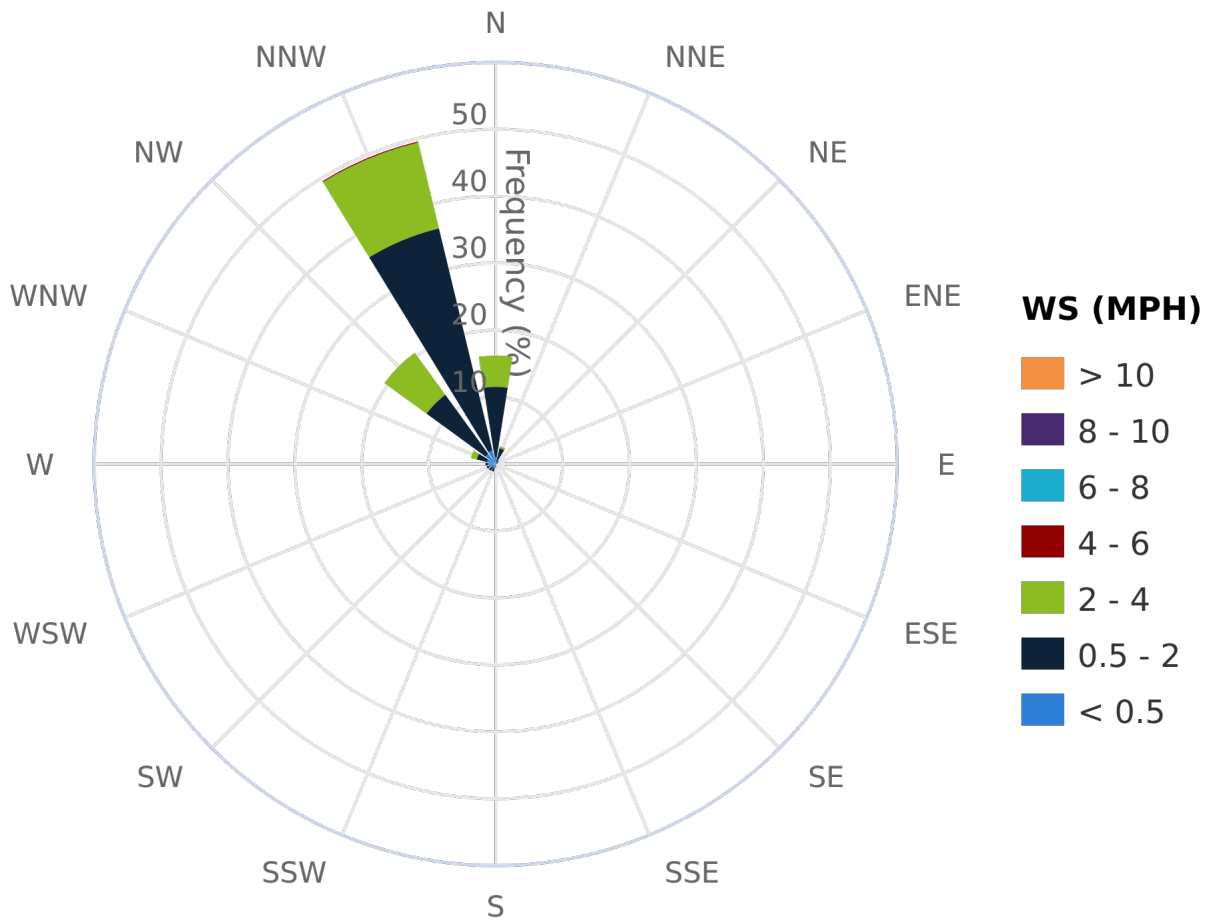


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.4		15.5	12.4	5.9		6.7	6.1	-0.029		0.000	0.000
00:15:00	12.0		14.6	15.8	5.8		6.9	5.9	-0.029		0.000	0.000
00:30:00	11.4		14.4	16.8	5.7		6.8	5.8	-0.026		0.000	0.000
00:45:00	11.7		13.3	17.1	5.6		7.0	5.8	-0.024		0.000	0.000
01:00:00	14.7		15.6	16.6	5.6		7.5	6.5	-0.022		0.000	0.000
01:15:00	13.4		16.2	14.8	5.8		7.0	6.9	-0.023		0.000	0.000
01:30:00	13.5		14.3	12.5	6.8		7.0	6.9	-0.026		0.000	0.000
01:45:00	13.1		11.8	11.6	6.9		6.7	7.0	-0.030		0.000	0.000
02:00:00	11.1		10.1	9.7	6.0		5.8	6.1	-0.015		0.000	0.000
02:15:00	10.6		9.7	9.6	5.8		5.7	5.9	-0.001		0.000	0.000
02:30:00	10.1		9.3	9.4	5.6		5.6	5.7	0.003		0.000	0.002
02:45:00	9.5		9.2	8.7	5.4		5.1	5.6	0.004		0.000	0.000
03:00:00	10.0		8.5	7.7	5.0		4.7	5.2	0.007		0.000	0.009
03:15:00	9.9		8.6	8.0	4.8		4.5	4.9	0.010		0.000	0.016
03:30:00	9.6		8.7	8.5	4.8		4.6	4.9	0.022		0.000	0.020
03:45:00	9.6		9.3	8.2	4.8		4.5	4.9	0.038		0.000	0.026
04:00:00	9.2		8.6	7.9	4.6		4.3	4.6	0.040		0.000	0.029
04:15:00	8.9		8.5	7.8	4.4		4.1	4.5	0.046		0.000	0.038
04:30:00	8.6		7.7	7.5	4.1		3.9	4.1	0.055		0.000	0.042
04:45:00	8.0		7.5	7.0	3.9		3.7	4.1	0.059		0.000	0.042
05:00:00	8.1		7.6	7.3	3.9		3.9	4.1	0.055		0.000	0.041
05:15:00	8.9		8.7	7.6	4.3		4.1	4.7	0.053		0.000	0.040
05:30:00	8.7		8.2	7.4	4.1		3.8	4.5	0.054		0.000	0.041
05:45:00	8.5		7.9	7.1	4.0		3.7	4.2	0.056		0.000	0.041
06:00:00	8.1		7.7	7.2	3.9		3.6	4.1	0.055		0.000	0.038
06:15:00	8.3		7.8	7.3	3.9		3.6	4.1	0.051		0.000	0.036
06:30:00	8.2		7.7	6.8	3.7		3.4	3.9	0.048		0.000	0.036
06:45:00	7.8		7.7	6.7	3.7		3.3	3.8	0.059		0.000	0.040
07:00:00	8.0		8.3	7.5	3.6		3.5	4.1	0.058		0.000	0.038
07:15:00	8.1		8.0	6.9	3.6		3.4	4.1	0.055		0.000	0.036
07:30:00	8.2		7.7	7.3	3.6		3.4	4.0	0.049		0.000	0.035
07:45:00	10.2		7.8	8.2	3.8		3.7	4.0	0.044		0.000	0.033
08:00:00	9.8		10.9	7.6	3.8		3.5	5.9	0.044		0.000	0.030
08:15:00	8.7		7.9	9.0	3.3		3.2	3.7	0.048		0.000	0.032
08:30:00	7.6		8.2	6.2	2.9		2.5	3.4	0.055		0.000	0.039
08:45:00	7.2		8.7	7.2	2.9		2.8	3.9	0.058		0.000	0.040
09:00:00	9.3		9.7	9.5	3.3		3.3	4.6	0.052		0.000	0.035
09:15:00	20.1		9.4	7.4	4.6		3.2	4.3	0.043		0.000	0.029
09:30:00	15.8		9.2	6.9	3.9		2.8	3.8	0.043		0.000	0.029
09:45:00	8.8		8.0	6.2	2.9		2.6	3.3	0.046		0.000	0.030
10:00:00	8.5		7.6	6.8	2.8		2.5	3.4	0.046		0.000	0.028
10:15:00	7.9		7.6	5.9	2.4		2.2	2.7	0.044		0.000	0.029
10:30:00	6.8		6.5	6.1	2.2		2.2	2.5	0.046		0.000	0.030
10:45:00	6.3		5.8	5.2	2.2		1.9	2.3	0.046		0.000	0.028
11:00:00	17.4		6.2	5.4	3.0		2.0	2.2	0.041		0.000	0.025
11:15:00	6.4		7.4	5.8	2.0		1.9	2.2	0.033		0.000	0.017
11:30:00	18.0		7.5	5.4	3.2		1.8	2.2	0.022		0.000	0.012
11:45:00	7.5		6.0	5.4	2.1		2.0	2.1	0.008		0.000	0.007



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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	33.6		7.7	6.6	4.7		2.2	2.3	-0.005		0.000	0.001
12:15:00	51.8		7.5	6.9	6.0		2.1	2.3	-0.022		0.000	0.000
12:30:00	20.8		8.5	5.6	3.1		1.8	2.3	-0.050		0.000	0.000
12:45:00	20.0		7.9	5.7	3.2		1.8	2.1	-0.073		0.000	0.000
13:00:00	40.3		8.2	6.2	4.5		2.2	2.0	-0.093		0.000	0.000
13:15:00	130.7		6.1	5.6	13.0		1.9	1.8	-0.114		0.000	0.000
13:30:00	9.5		6.2	5.8	1.9		1.7	1.8	-0.133		0.000	0.000
13:45:00	12.3		6.1	5.4	2.1		1.6	1.7	-0.157		0.000	0.000
14:00:00	6.9		5.7	5.6	1.7		1.7	1.6	-0.183		0.000	0.000
14:15:00	7.6		6.9	7.0	1.6		1.8	1.9	-0.208		0.000	0.000
14:30:00	23.2		6.3	5.5	3.2		1.5	1.7	-0.217		0.000	0.000
14:45:00	7.2		4.9	4.9	1.5		1.4	1.5	-0.212		0.000	0.000
15:00:00	7.7		5.6	4.9	1.4		1.3	1.5	-0.199		0.000	0.000
15:15:00	7.0		4.8	19.2	1.4		5.8	1.4	-0.186		0.000	0.000
15:30:00	7.4		5.6	5.1	1.7		1.5	1.6	-0.173		0.000	0.000
15:45:00	7.8		5.0	5.6	1.8		1.6	1.5	-0.153		0.000	0.000
16:00:00	7.9		8.7	5.7	1.8		1.7	2.2	-0.142		0.000	0.000
16:15:00	111.4		4.7	6.2	11.1		1.7	1.5	-0.130		0.000	0.000
16:30:00	11.0		4.9	6.6	2.2		1.9	1.6	-0.107		0.000	0.000
16:45:00	8.3		5.1	5.6	1.8		1.7	1.7	-0.097		0.000	0.000
17:00:00	81.7		5.3	5.2	9.7		1.7	2.2	-0.080		0.000	0.000
17:15:00	128.7		5.6	4.9	14.6		1.7	2.6	-0.059		0.000	0.000
17:30:00	42.2		8.6	7.9	6.7		2.2	5.2	-0.042		0.000	0.000
17:45:00	100.0		7.2	9.3	12.5		2.6	3.8	-0.025		0.000	0.000
18:00:00	191.7		7.1	7.5	24.8		2.3	3.4	-0.022		0.000	0.000
18:15:00	62.0		5.5	5.4	7.5		2.0	2.7	-0.020		0.000	0.000
18:30:00	173.9		5.8	5.5	21.6		2.0	3.2	-0.006		0.000	0.000
18:45:00	7.5		47.2	6.4	2.2		2.2	34.8	-0.003		0.000	0.000
19:00:00	6.9		10.3	7.9	2.4		2.6	5.9	0.005		0.000	0.000
19:15:00	7.1		10.1	8.6	2.7		2.9	6.8	0.009		0.000	0.001
19:30:00	7.3		10.9	6.9	3.0		2.8	7.7	0.009		0.000	0.001
19:45:00	7.1		21.5	7.7	3.1		3.0	15.8	0.007		0.000	0.000
20:00:00	7.1		14.7	73.6	3.2		14.4	10.0	0.009		0.000	0.000
20:15:00	7.3		10.4	14.1	3.4		4.6	7.0	0.008		0.000	0.000
20:30:00	8.2		32.6	22.6	4.1		6.8	27.7	0.008		0.000	0.000
20:45:00	10.7		35.0	13.0	5.3		5.4	28.5	0.003		0.000	0.000
21:00:00	9.6		7.7	7.0	4.2		3.0	4.4	0.006		0.000	0.003
21:15:00	8.0		6.7	6.5	3.1		2.8	3.2	0.009		0.000	0.006
21:30:00	8.7		7.8	8.4	3.2		3.2	3.6	0.007		0.000	0.008
21:45:00	8.8		9.9	10.4	3.2		3.8	4.3	0.008		0.000	0.006
22:00:00	10.0		12.3	12.8	3.5		4.4	5.2	0.005		0.000	0.005
22:15:00	12.6		13.7	10.3	4.0		3.8	7.5	0.006		0.000	0.006
22:30:00	13.2		13.2	7.4	4.3		3.1	8.4	0.010		0.000	0.004
22:45:00	10.1		6.1	6.3	3.8		2.8	3.0	0.006		0.000	0.006
23:00:00	7.5		6.4	5.9	3.3		3.0	3.5	0.006		0.000	0.005
23:15:00	6.6		7.3	6.1	3.3		3.2	4.4	0.002		0.000	0.004
23:30:00	6.8		6.7	6.0	3.5		3.1	3.9	0.002		0.000	0.004
23:45:00	7.0		6.6	5.9	3.4		3.2	3.7	0.005		0.000	0.005

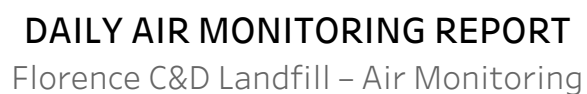


Table 4 : Summary of Exceedances (greater than Action Level) -

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