



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-19

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 3.959	2943 ENE	3277 SW	2996 SW	2997 NNW	Min : 27.32 Max : 64.40	Min : 24.60 Max : 87.30	Min : 30.13 Max : 30.44

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	6.6	11.2	3.6	7.5	0.007	0.072
2996	6.3	15.6	3.7	8.6	0.001	0.025
2997	8.4	22.5	5.7	19.2	0.007	0.056
3277	6.2	7.2	3.9	4.5	0.006	0.010

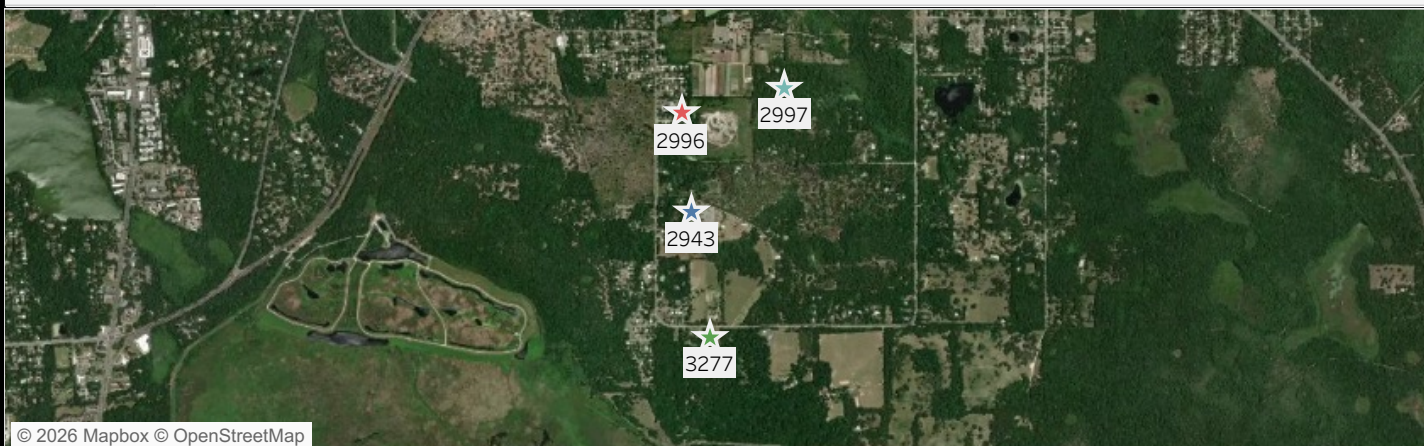


Figure 1 : Monitoring Locations

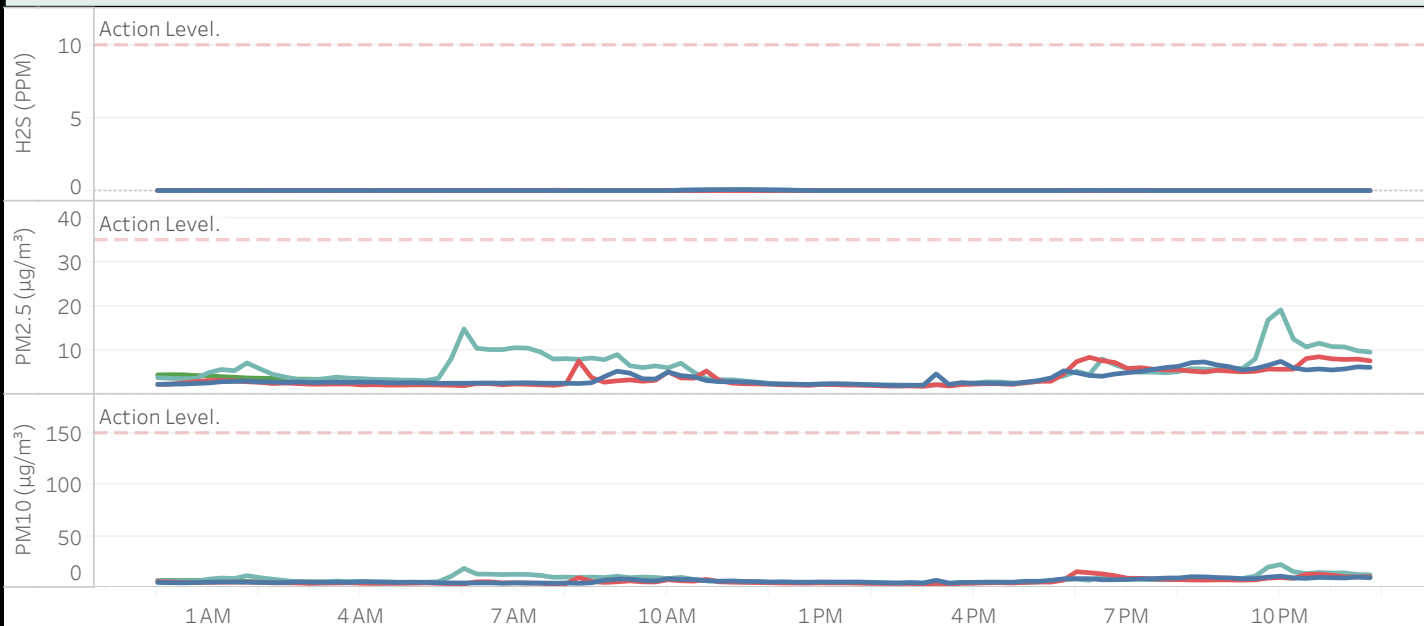


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

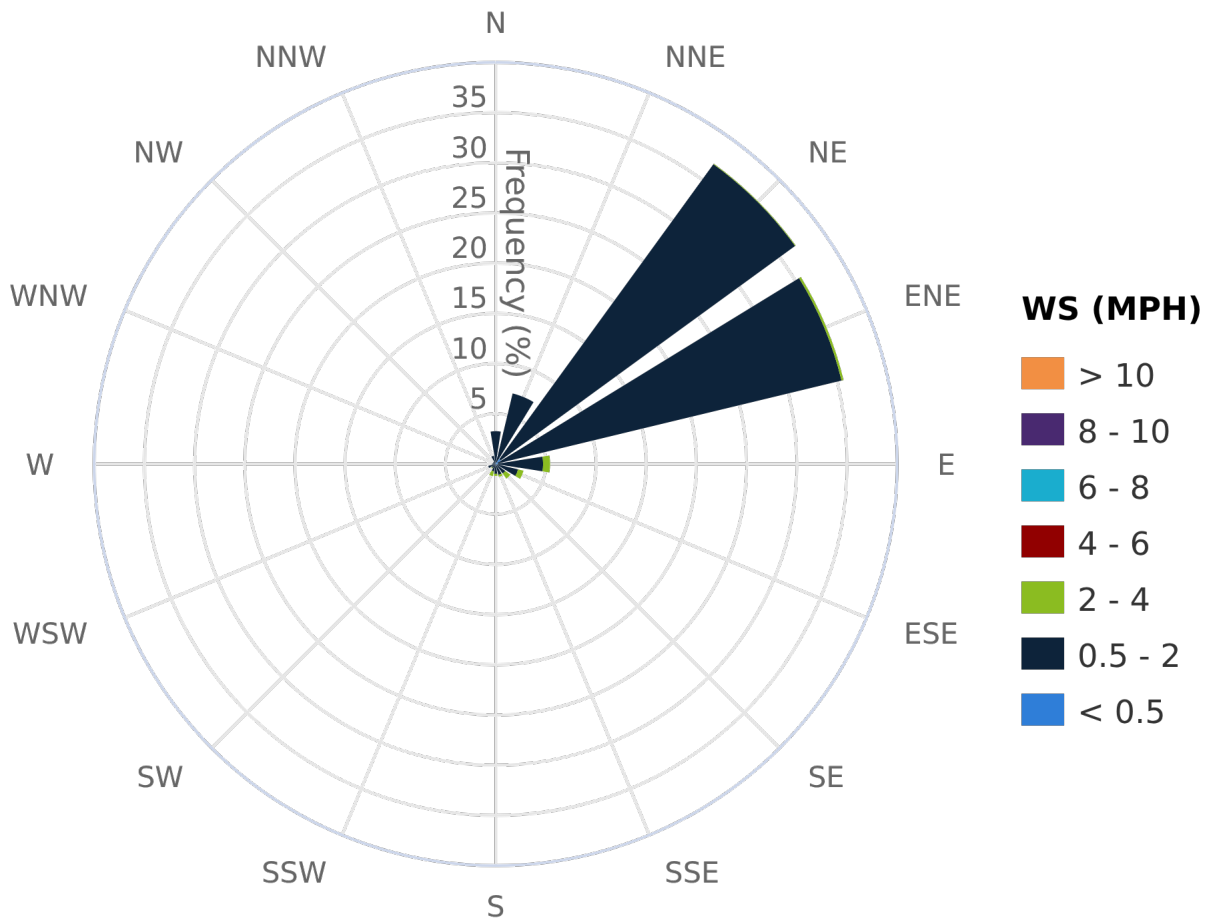


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

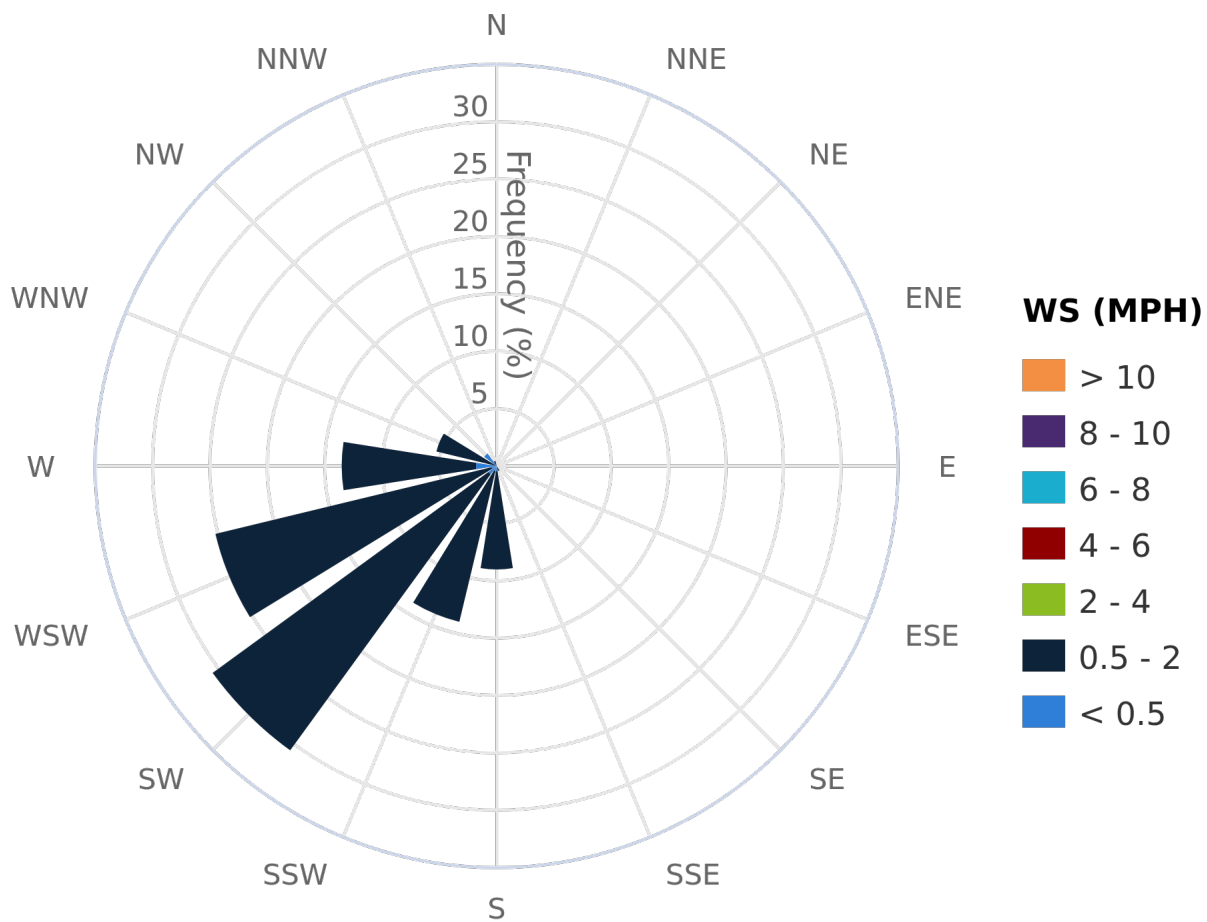


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2996

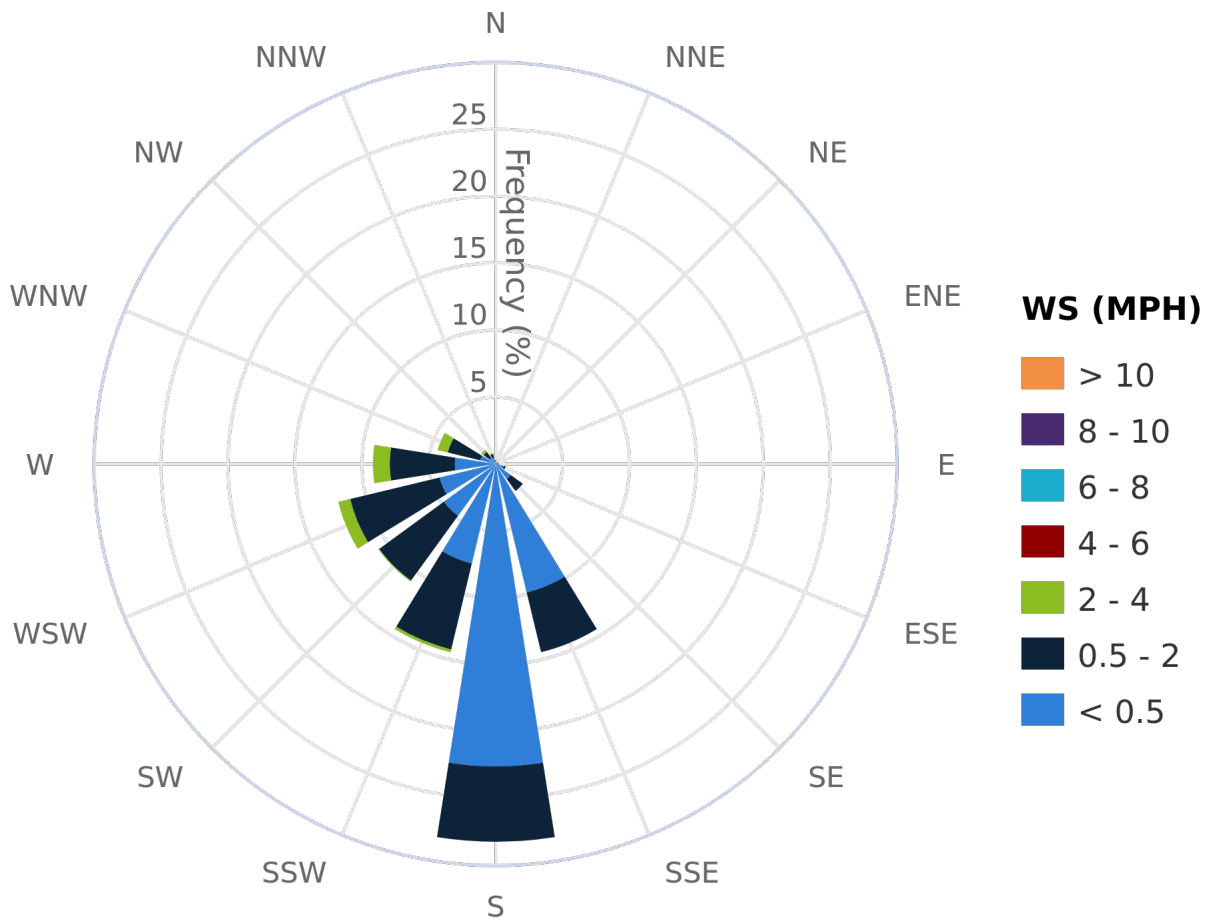


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

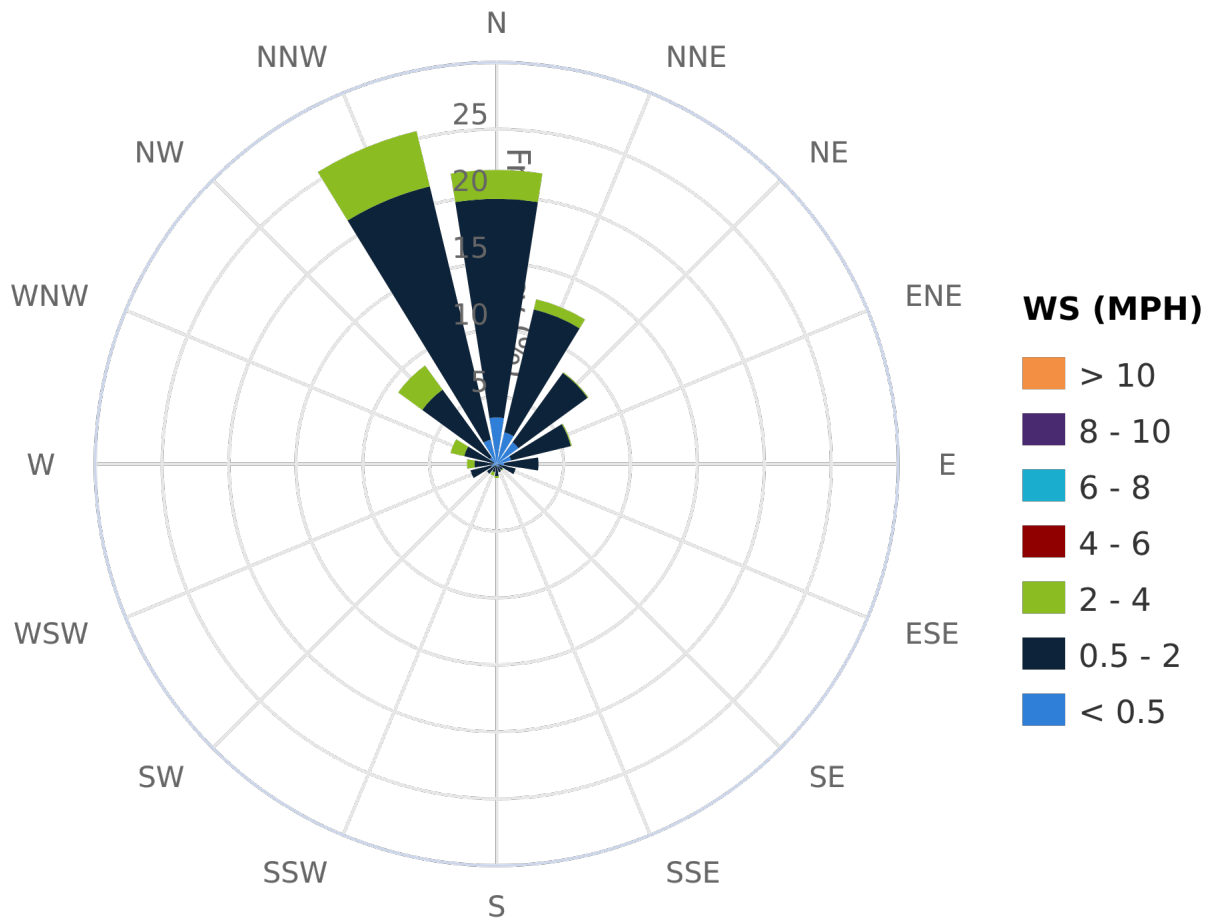


Figure 3 : Wind Rose Chart (WS in MPH)



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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	5.1	7.1	7.1	6.0	2.3	4.5	2.3	3.8	0.001	0.003	0.000	0.005
00:15:00	4.9	7.2	6.7	5.5	2.4	4.5	2.4	3.7	0.000	0.004	0.000	0.005
00:30:00	4.8	7.1	6.7	5.2	2.4	4.5	2.7	3.6	0.000	0.005	0.000	0.004
00:45:00	5.1	7.1	6.3	5.0	2.5	4.3	2.9	3.7	0.002	0.007	0.000	0.005
01:00:00	5.3	6.9	8.3	5.3	2.6	4.3	3.2	5.0	0.001	0.005	0.000	0.006
01:15:00	5.7	6.3	9.4	5.3	2.9	4.1	3.2	5.7	0.001	0.002	0.000	0.006
01:30:00	5.6	6.3	8.9	5.5	3.0	3.9	3.1	5.4	0.001	0.005	0.000	0.005
01:45:00	5.5	6.0	11.7	5.4	3.0	3.8	2.9	7.2	0.002	0.007	0.000	0.003
02:00:00	5.2	5.7	9.8	5.4	2.9	3.7	2.8	5.8	0.001	0.010	0.002	0.003
02:15:00	5.0	5.7	8.3	4.7	2.8	3.7	2.5	4.6	0.004	0.005	0.001	0.002
02:30:00	5.0	5.6	7.0	4.8	2.8	3.6	2.6	4.0	0.004	0.003	0.000	0.003
02:45:00	5.7	5.7	5.6	4.6	2.9	3.5	2.5	3.4	0.003	0.005	0.001	0.004
03:00:00	5.5	5.7	5.4	4.2	2.7	3.5	2.4	3.4	0.003	0.010	0.000	0.004
03:15:00	5.2	5.7	5.7	4.5	2.8	3.4	2.4	3.6	0.003	0.008	0.000	0.005
03:30:00	5.5	5.5	6.5	4.6	2.8	3.4	2.4	4.0	0.004	0.006	0.001	0.003
03:45:00	5.1		6.2	4.8	2.8		2.4	3.7	0.002		0.002	0.004
04:00:00	5.9		6.1	4.4	2.8		2.2	3.6	0.002		0.001	0.004
04:15:00	5.6		5.8	4.2	2.8		2.2	3.5	0.001		0.000	0.004
04:30:00	5.4		5.7	4.2	2.7		2.2	3.4	0.003		0.001	0.005
04:45:00	5.2		5.4	4.3	2.7		2.2	3.3	0.004		0.001	0.004
05:00:00	5.3		5.4	4.4	2.7		2.2	3.3	0.004		0.001	0.004
05:15:00	5.1		5.4	4.7	2.7		2.2	3.2	0.004		0.000	0.004
05:30:00	4.9		5.9	4.3	2.6		2.2	3.7	0.002		0.000	0.005
05:45:00	4.7		11.2	4.0	2.6		2.1	8.1	0.005		0.000	0.005
06:00:00	4.7		18.7	3.8	2.6		2.0	14.8	0.004		0.000	0.004
06:15:00	4.7		13.3	5.8	2.6		2.5	10.5	0.004		0.000	0.007
06:30:00	4.8		13.1	5.8	2.6		2.5	10.2	0.005		0.002	0.006
06:45:00	4.4		12.8	4.7	2.6		2.2	10.2	0.006		0.002	0.005
07:00:00	4.6		13.0	4.9	2.7		2.4	10.6	0.005		0.002	0.003
07:15:00	4.5		12.9	4.6	2.7		2.3	10.5	0.005		0.002	0.004
07:30:00	4.6		12.0	4.4	2.6		2.2	9.6	0.004		0.003	0.005
07:45:00	4.4		10.1	3.6	2.6		2.1	8.0	0.003		0.025	0.003
08:00:00	4.6		10.3	4.0	2.6		2.4	8.2	0.000		0.019	0.005
08:15:00	4.3		10.0	9.8	2.5		7.6	8.0	0.000		0.008	0.002
08:30:00	4.9		10.3	6.1	2.7		3.8	8.3	0.000		0.005	0.001
08:45:00	7.3		9.9	5.2	4.1		2.8	7.9	0.000		0.000	0.000
09:00:00	8.3		11.2	5.8	5.3		3.1	9.0	0.000		0.000	0.000
09:15:00	8.5		9.8	6.7	4.9		3.3	6.5	0.000		0.000	0.000
09:30:00	7.1		10.4	5.7	3.6		3.0	6.1	0.000		0.000	0.000
09:45:00	6.6		10.0	5.6	3.5		3.3	6.5	0.000		0.000	0.000
10:00:00	8.8		8.9	7.8	5.1		5.1	6.1	0.001		0.000	0.007
10:15:00	8.1		10.1	6.8	4.3		3.8	7.1	0.031		0.000	0.024
10:30:00	8.0		8.2	6.4	4.0		3.7	5.1	0.046		0.000	0.037
10:45:00	6.9		6.7	8.1	3.2		5.3	3.6	0.061		0.000	0.038
11:00:00	6.4		6.2	5.8	2.9		3.2	3.4	0.065		0.000	0.045
11:15:00	6.6		6.3	5.4	3.0		2.6	3.4	0.065		0.000	0.053
11:30:00	6.1		5.9	5.2	2.8		2.5	3.1	0.072		0.000	0.056
11:45:00	6.1		5.6	5.0	2.7		2.4	2.8	0.060		0.000	0.054



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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	5.6		5.3	4.9	2.4		2.4	2.6	0.051		0.000	0.045
12:15:00	5.8		5.0	4.6	2.4		2.2	2.4	0.036		0.000	0.041
12:30:00	5.5		5.0	4.6	2.4		2.2	2.3	0.022		0.000	0.026
12:45:00	5.4		5.2	4.5	2.3		2.1	2.3	0.003		0.000	0.017
13:00:00	5.6		4.9	4.8	2.4		2.3	2.4	0.000		0.000	0.002
13:15:00	5.6		4.8	4.7	2.5		2.3	2.4	0.000		0.000	0.000
13:30:00	5.6		4.9	4.7	2.4		2.2	2.4	0.000		0.000	0.000
13:45:00	5.6		4.8	4.5	2.3		2.1	2.3	0.000		0.000	0.000
14:00:00	5.2		4.7	4.2	2.2		2.1	2.3	0.000		0.000	0.000
14:15:00	4.9		4.7	4.1	2.1		2.0	2.2	0.000		0.000	0.000
14:30:00	4.6		4.4	4.2	2.0		1.9	2.2	0.000		0.000	0.000
14:45:00	5.1		4.6	4.1	2.1		2.0	2.1	0.000		0.000	0.000
15:00:00	4.7		4.0	3.7	2.1		1.9	2.0	0.000		0.000	0.000
15:15:00	7.3		4.3	4.2	4.7		2.2	2.2	0.000		0.000	0.000
15:30:00	4.6		4.1	3.8	2.3		1.9	2.2	0.000		0.000	0.000
15:45:00	5.1		4.8	4.3	2.7		2.3	2.5	0.000		0.000	0.000
16:00:00	5.3		4.9	4.4	2.6		2.4	2.6	0.000		0.000	0.001
16:15:00	5.4		5.4	4.8	2.6		2.5	2.9	0.000		0.000	0.002
16:30:00	5.4		5.4	4.9	2.5		2.5	2.9	0.000		0.000	0.003
16:45:00	5.4		5.1	4.6	2.5		2.3	2.6	0.000		0.000	0.006
17:00:00	6.3		5.0	5.2	2.8		2.8	2.6	0.000		0.000	0.011
17:15:00	6.3		5.5	5.6	3.2		3.0	3.0	0.000		0.000	0.012
17:30:00	7.2		6.5	5.5	3.8		3.0	3.6	0.000		0.000	0.010
17:45:00	8.7		7.8	7.5	5.4		4.7	4.2	0.002		0.000	0.010
18:00:00	8.9		8.4	15.6	4.9		7.4	5.3	0.010		0.000	0.012
18:15:00	8.8		7.2	14.5	4.3		8.4	4.5	0.012		0.000	0.005
18:30:00	7.8		11.4	13.4	4.1		7.7	8.1	0.009		0.000	0.001
18:45:00	7.8		10.0	11.7	4.7		7.3	6.8	0.011		0.000	0.000
19:00:00	8.1		8.5	9.2	5.0		5.9	5.8	0.007		0.000	0.000
19:15:00	8.5		8.3	9.1	5.2		6.1	5.1	0.006		0.000	0.000
19:30:00	8.9		7.7	8.6	5.7		5.7	5.1	0.001		0.000	0.000
19:45:00	9.4		7.7	8.2	6.1		5.6	4.9	0.000		0.000	0.000
20:00:00	9.5		7.9	7.9	6.4		5.6	5.2	0.000		0.000	0.000
20:15:00	10.7		8.8	7.5	7.2		5.3	5.9	0.000		0.000	0.000
20:30:00	10.6		9.1	7.4	7.4		5.1	5.8	0.000		0.001	0.000
20:45:00	9.9		8.2	7.7	6.7		5.5	5.6	0.000		0.001	0.000
21:00:00	9.6		8.6	7.6	6.3		5.3	5.9	0.000		0.001	0.000
21:15:00	8.7		9.0	7.4	5.6		5.2	5.9	0.000		0.001	0.000
21:30:00	9.0		11.3	7.7	5.9		5.3	8.1	0.000		0.003	0.000
21:45:00	10.4		20.0	9.4	6.6		5.8	16.8	0.000		0.002	0.000
22:00:00	11.2		22.5	10.0	7.5		5.7	19.2	0.000		0.000	0.000
22:15:00	9.6		15.6	9.1	6.0		5.8	12.5	0.000		0.002	0.000
22:30:00	9.1		13.8	12.9	5.6		8.2	10.8	0.000		0.003	0.000
22:45:00	10.1		14.8	13.1	5.8		8.6	11.6	0.000		0.001	0.000
23:00:00	9.7		14.3	12.2	5.6		8.1	10.9	0.000		0.001	0.000
23:15:00	9.5		14.4	10.7	5.8		7.9	10.8	0.000		0.001	0.000
23:30:00	10.3		12.8	10.5	6.3		8.0	9.9	0.000		0.002	0.000
23:45:00	9.8		12.5	10.6	6.2		7.6	9.6	0.000		0.000	0.000



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*