



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-22

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 26.89	2943 NE	3277 N	2996 SSE	2997 NNE	Min : 42.08 Max : 83.30	Min : 43.20 Max : 84.00	Min : 30.21 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	23.8	72.6	10.9	26.7	-0.049	0.003
2996	19.4	26.5	9.4	12.3	0.000	0.005
2997	18.5	25.2	9.5	12.9	0.000	0.001
3277	20.8	38.1	16.3	33.6	0.000	0.001

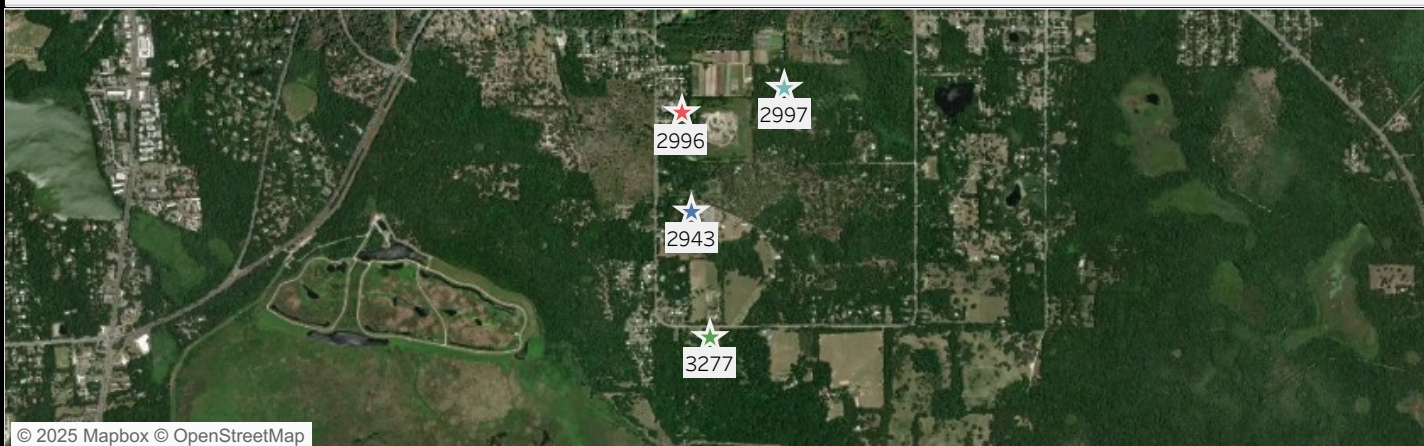


Figure 1 : Monitoring Locations

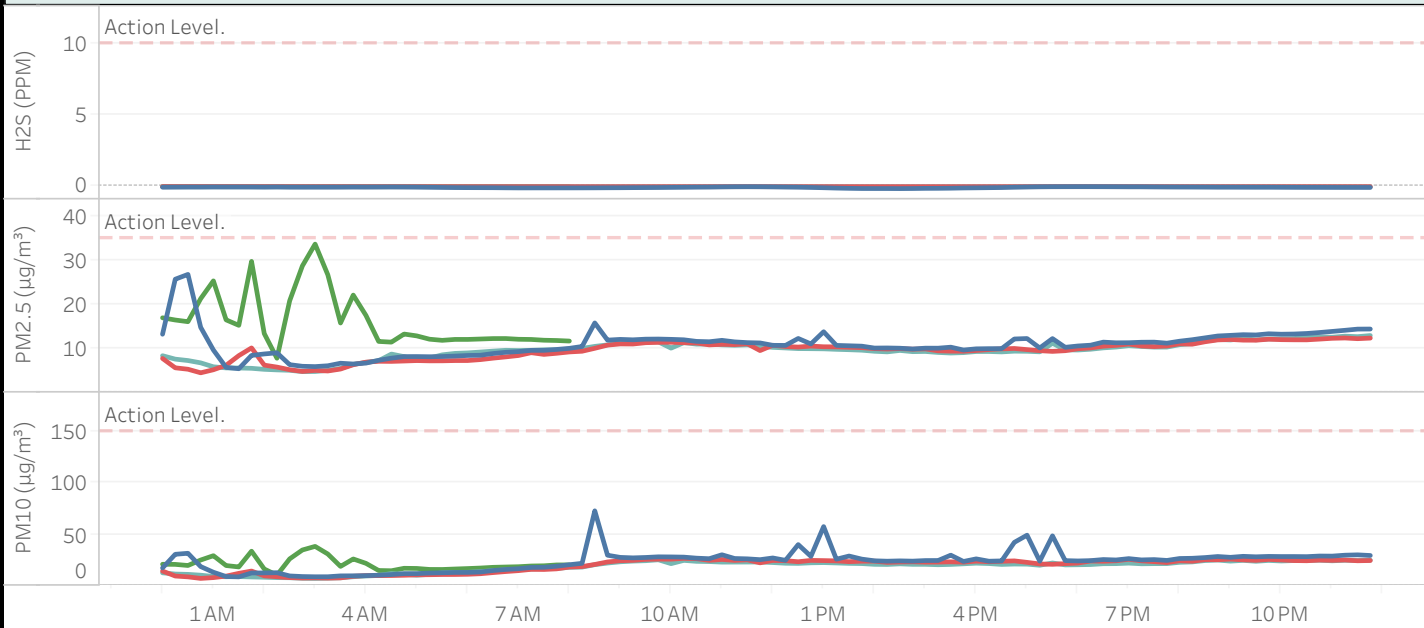


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

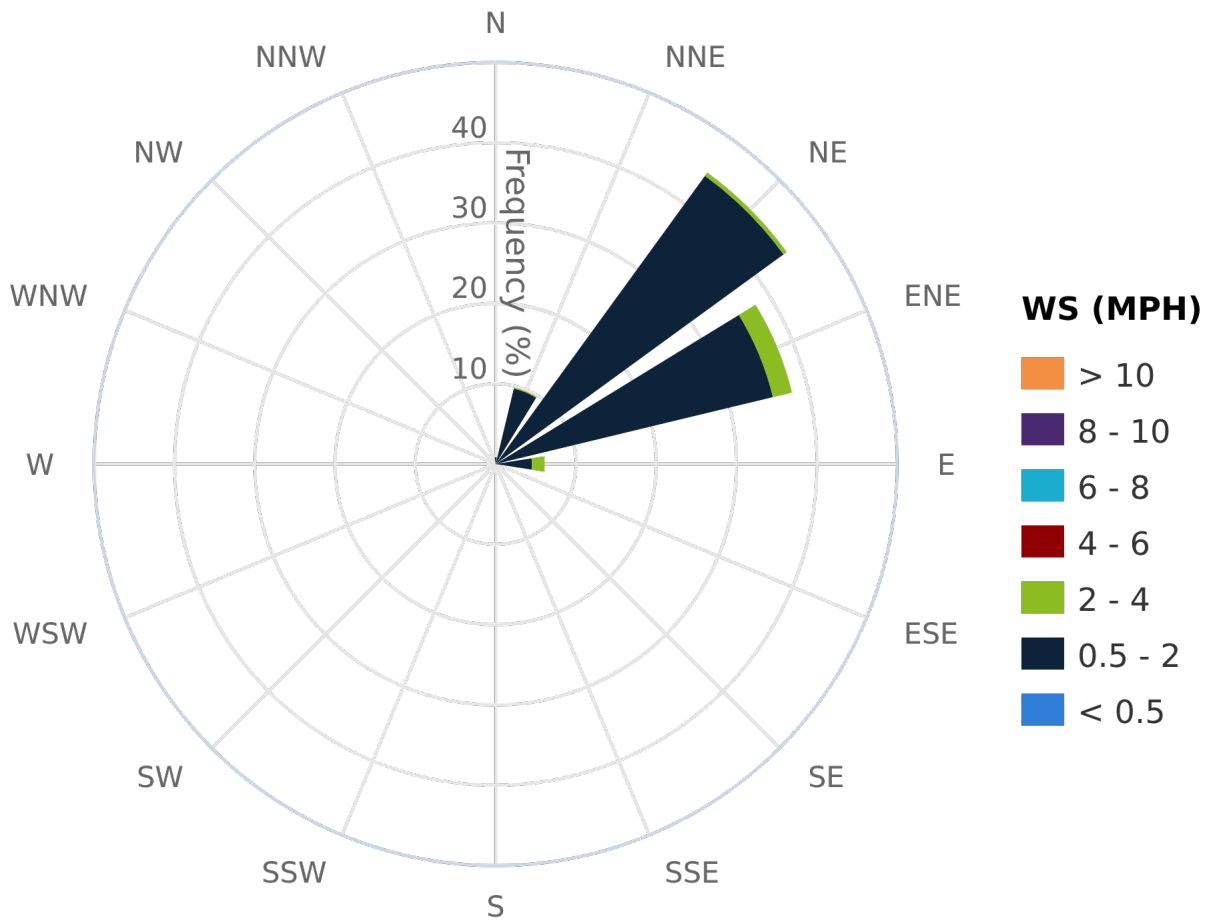


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-12-21

Wind Rose Chart 3277

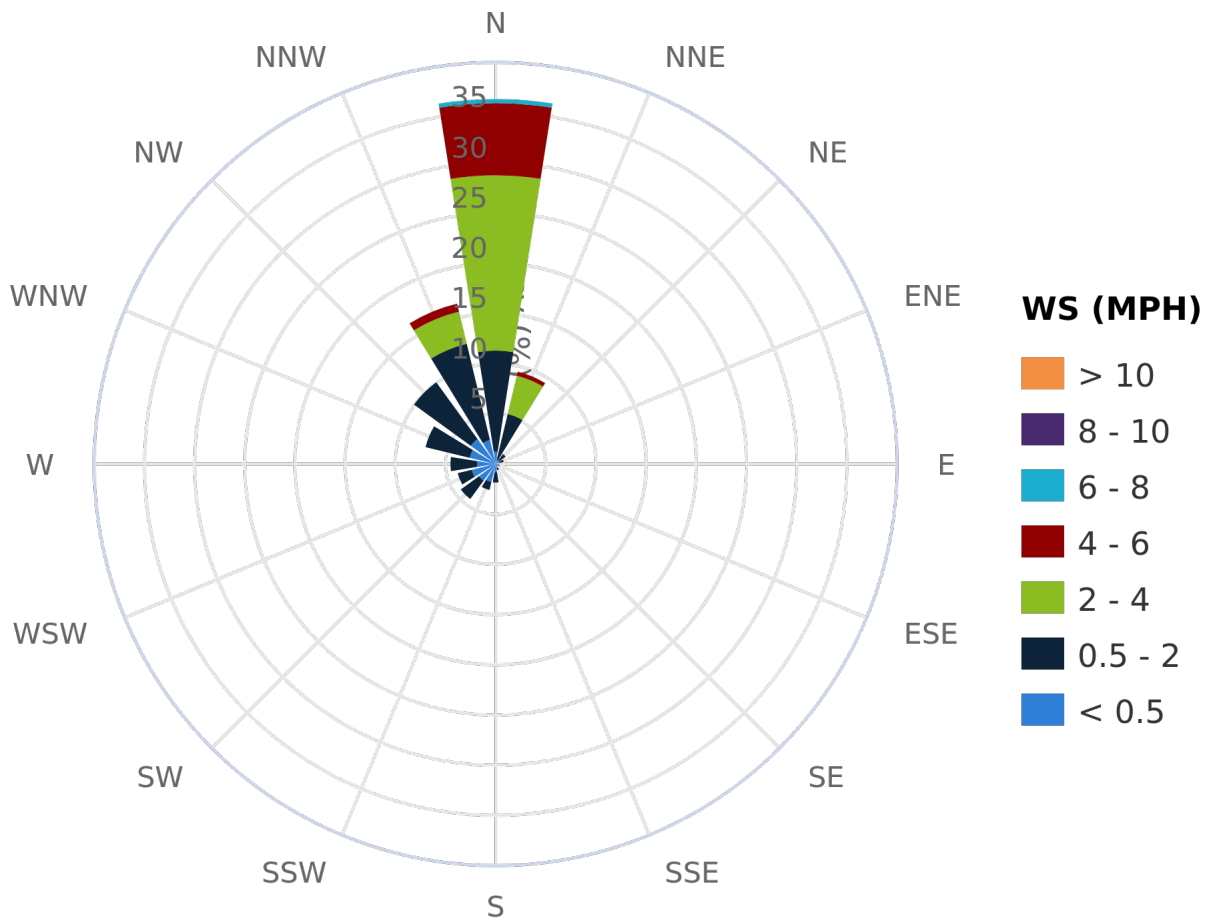


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

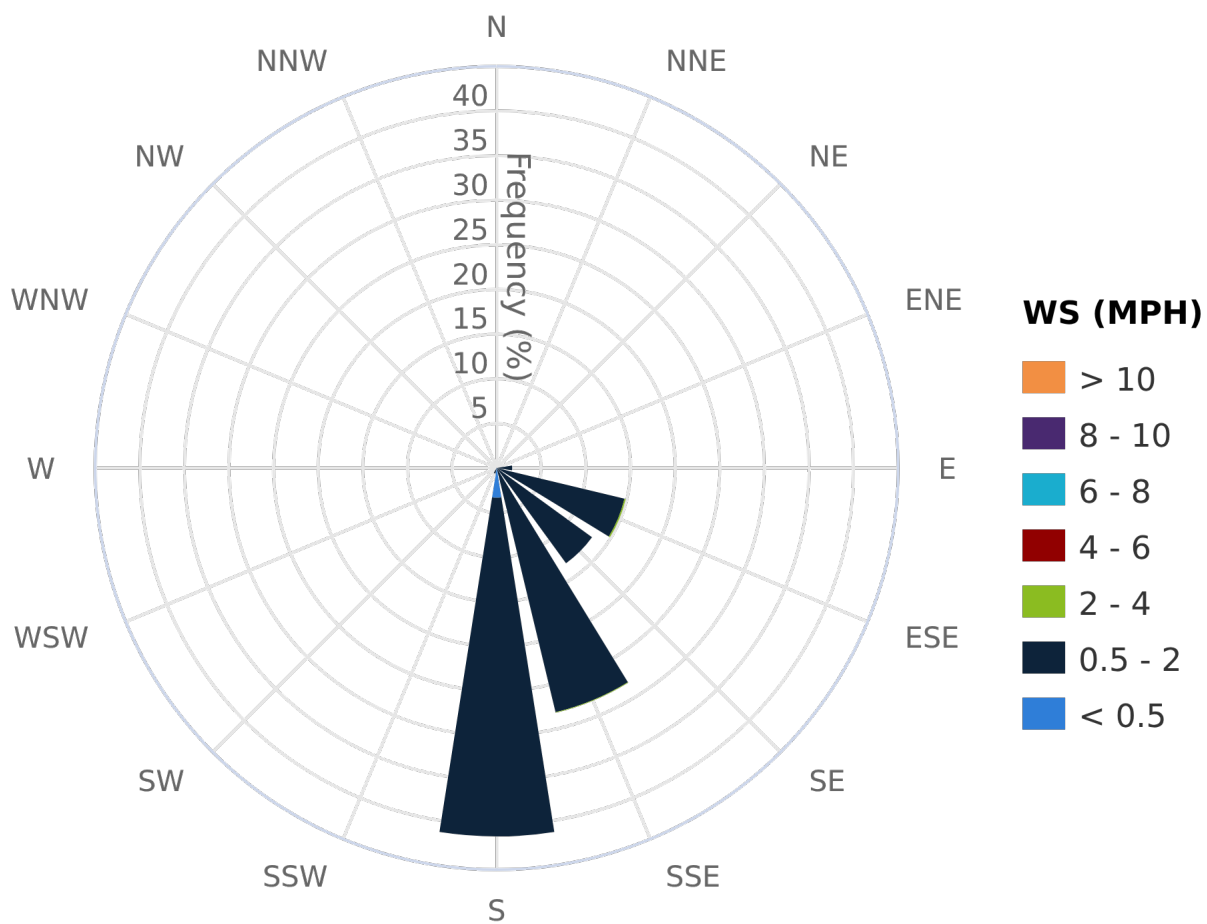


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-12-22

Wind Rose Chart 2997

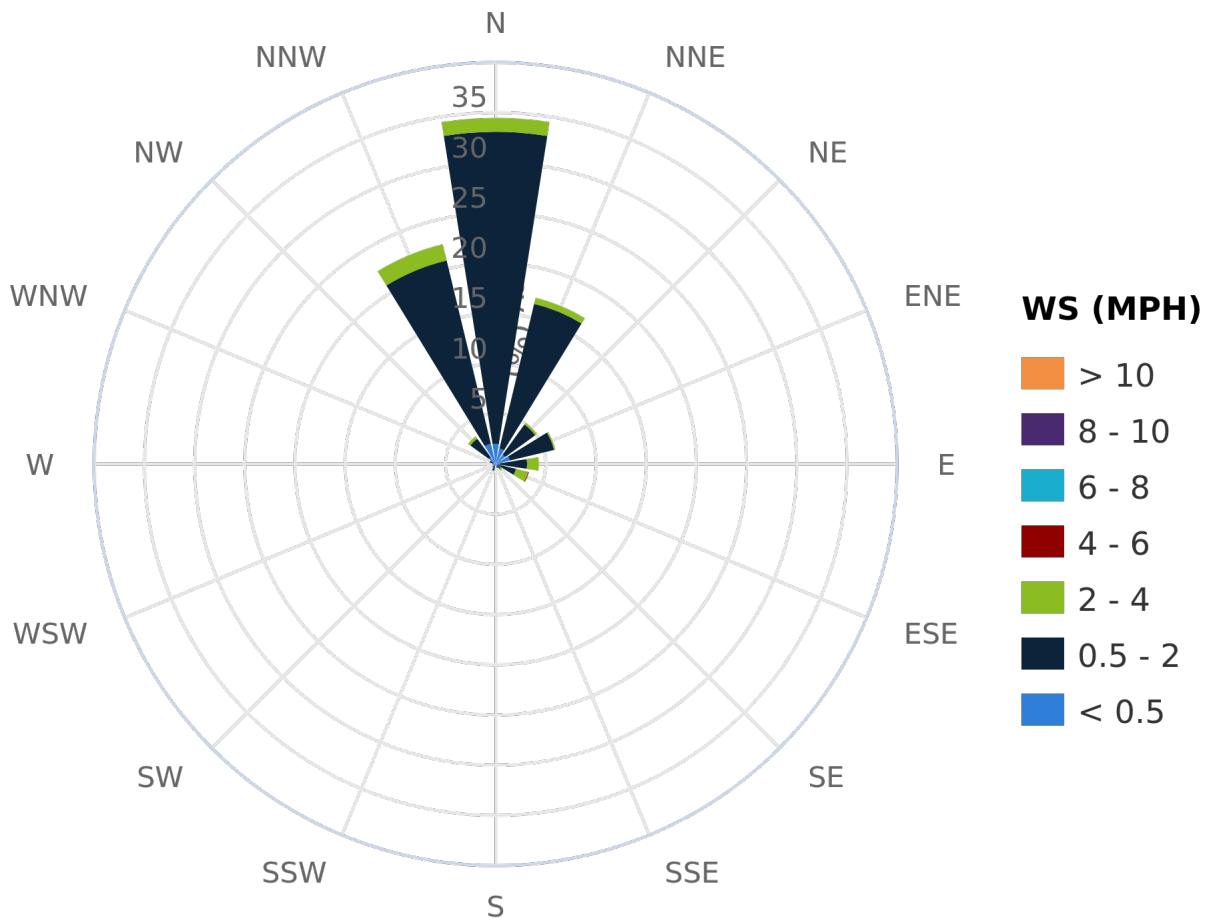


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-12-22

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	17.3	20.8	12.5	14.2	13.2	16.9	7.7	8.3	-0.037	0.000	0.005	0.000
00:15:00	30.5	20.7	11.4	9.4	25.6	16.4	5.6	7.6	-0.033	0.000	0.004	0.000
00:30:00	31.5	19.6	11.0	8.6	26.7	16.0	5.3	7.3	-0.029	0.000	0.004	0.000
00:45:00	18.6	24.9	10.3	7.1	14.8	21.2	4.5	6.7	-0.029	0.000	0.004	0.000
01:00:00	13.1	29.1	9.0	7.9	9.6	25.3	5.2	5.8	-0.023	0.000	0.002	0.000
01:15:00	8.9	19.6	8.7	9.3	5.7	16.4	6.2	5.6	-0.025	0.000	0.003	0.000
01:30:00	8.6	18.2	8.9	12.0	5.4	15.2	8.4	5.6	-0.025	0.000	0.003	0.000
01:45:00	12.4	33.5	8.5	14.3	8.4	29.7	10.1	5.5	-0.026	0.000	0.002	0.000
02:00:00	12.5	16.2	8.2	9.6	8.7	13.4	6.2	5.3	-0.032	0.000	0.002	0.000
02:15:00	12.7	10.3	7.9	8.7	9.0	7.8	5.8	5.1	-0.025	0.000	0.002	0.000
02:30:00	9.5	26.0	7.8	7.9	6.3	20.8	5.2	5.0	-0.034	0.000	0.001	0.000
02:45:00	8.9	34.7	7.3	7.5	6.0	28.6	4.8	4.8	-0.034	0.000	0.000	0.000
03:00:00	8.7	38.1	7.1	7.6	5.9	33.6	5.0	4.8	-0.034	0.000	0.000	0.000
03:15:00	8.7	30.8	7.4	7.4	6.1	26.6	4.9	5.0	-0.034	0.000	0.000	0.000
03:30:00	9.6	18.8	7.7	7.6	6.6	15.7	5.3	5.5	-0.033	0.000	0.000	0.000
03:45:00	9.6	26.0	8.7	9.2	6.5	22.0	6.3	6.4	-0.027	0.000	0.000	0.000
04:00:00	9.8	21.7	9.4	9.9	6.7	17.5	6.9	6.8	-0.030	0.000	0.000	0.000
04:15:00	10.2	14.8	10.0	9.8	7.3	11.6	7.1	7.2	-0.027	0.000	0.000	0.000
04:30:00	10.9	14.6	11.8	9.9	7.8	11.4	7.1	8.7	-0.023	0.000	0.000	0.000
04:45:00	11.8	16.9	11.1	10.2	8.1	13.2	7.1	8.1	-0.026	0.001	0.000	0.000
05:00:00	11.8	16.8	10.2	10.6	8.2	12.8	7.2	7.4	-0.032	0.000	0.001	0.000
05:15:00	12.3	15.8	11.0	10.7	8.1	12.1	7.2	7.8	-0.042	0.000	0.000	0.000
05:30:00	12.6	15.8	12.6	10.9	8.2	11.8	7.2	8.5	-0.053	0.000	0.000	0.000
05:45:00	12.9	16.2	13.0	10.9	8.3	12.0	7.2	8.9	-0.063	0.000	0.000	0.000
06:00:00	12.9	16.7	13.0	11.1	8.4	12.0	7.3	9.0	-0.067	0.000	0.000	0.000
06:15:00	13.3	17.2	13.7	11.7	8.5	12.1	7.5	9.2	-0.069	0.000	0.000	0.000
06:30:00	14.8	17.9	14.7	12.8	8.8	12.2	7.8	9.4	-0.072	0.000	0.000	0.000
06:45:00	15.8	18.2	15.4	13.8	9.1	12.2	8.1	9.6	-0.080	0.000	0.000	0.000
07:00:00	16.5	18.5	15.7	14.7	9.3	12.1	8.4	9.5	-0.086	0.000	0.000	0.000
07:15:00	17.7	19.1	16.2	15.9	9.6	12.0	9.0	9.6	-0.085	0.000	0.000	0.000
07:30:00	17.9	19.4	16.7	15.8	9.6	11.8	8.6	9.7	-0.085	0.000	0.000	0.000
07:45:00	19.0	20.2	16.8	16.4	9.8	11.8	8.9	9.7	-0.085	0.000	0.000	0.000
08:00:00	20.4	20.2	17.8	18.1	10.0	11.7	9.2	9.8	-0.084	0.000	0.000	0.000
08:15:00	21.7		18.1	18.6	10.4		9.4	10.0	-0.083		0.000	0.000
08:30:00	72.6		20.4	20.6	15.8		10.0	10.5	-0.081		0.000	0.000
08:45:00	29.6		22.0	23.1	11.9		10.7	10.8	-0.077		0.000	0.000
09:00:00	27.5		23.2	24.3	12.0		11.0	11.2	-0.074		0.000	0.000
09:15:00	27.0		23.9	24.6	11.9		11.0	11.3	-0.067		0.000	0.000
09:30:00	27.4		24.3	25.6	12.1		11.3	11.5	-0.063		0.000	0.000
09:45:00	28.0		25.2	25.8	12.1		11.4	11.5	-0.058		0.000	0.000
10:00:00	27.9		21.4	25.8	12.0		11.4	10.1	-0.050		0.000	0.000
10:15:00	27.7		24.6	26.5	11.9		11.3	11.3	-0.043		0.000	0.000
10:30:00	26.7		23.7	26.2	11.6		11.2	11.0	-0.033		0.000	0.000
10:45:00	26.2		23.4	24.6	11.5		10.8	11.0	-0.028		0.000	0.000
11:00:00	30.0		22.9	25.5	11.8		10.9	10.8	-0.015		0.000	0.000
11:15:00	26.4		22.9	24.6	11.5		10.9	10.7	-0.006		0.000	0.000
11:30:00	26.1		23.0	25.1	11.3		11.0	10.8	-0.002		0.000	0.000
11:45:00	25.3		23.0	22.2	11.2		9.5	10.5	-0.005		0.000	0.000



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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	26.9		22.5	24.5	10.7		10.7	10.2	-0.015		0.000	0.000
12:15:00	24.6		21.8	24.3	10.7		10.4	10.1	-0.026		0.000	0.000
12:30:00	39.9		21.7	23.3	12.2		10.3	10.0	-0.037		0.000	0.000
12:45:00	28.5		22.2	24.6	11.0		10.5	9.9	-0.054		0.000	0.000
13:00:00	57.3		22.4	24.4	13.8		10.4	9.9	-0.074		0.000	0.000
13:15:00	25.7		22.1	24.1	10.7		10.3	9.8	-0.098		0.000	0.000
13:30:00	28.8		21.7	23.3	10.6		10.3	9.7	-0.115		0.000	0.000
13:45:00	25.8		21.5	23.8	10.5		10.2	9.6	-0.128		0.000	0.000
14:00:00	24.2		20.8	23.8	10.1		9.9	9.3	-0.129		0.000	0.000
14:15:00	23.8		20.6	22.6	10.1		9.9	9.2	-0.130		0.000	0.000
14:30:00	24.1		21.2	23.0	10.0		10.0	9.5	-0.133		0.000	0.000
14:45:00	23.9		20.7	23.2	9.9		9.8	9.3	-0.128		0.000	0.000
15:00:00	24.4		20.8	22.9	10.1		9.9	9.3	-0.117		0.000	0.000
15:15:00	24.5		20.4	22.9	10.0		9.5	9.1	-0.114		0.000	0.000
15:30:00	29.6		20.7	23.2	10.3		9.4	8.9	-0.105		0.000	0.000
15:45:00	23.5		21.3	22.9	9.6		9.4	9.0	-0.090		0.000	0.000
16:00:00	26.1		21.9	23.9	9.9		9.5	9.3	-0.081		0.000	0.000
16:15:00	23.8		21.5	23.3	9.9		9.7	9.3	-0.070		0.000	0.000
16:30:00	24.1		20.7	23.7	9.9		9.9	9.2	-0.061		0.000	0.000
16:45:00	42.0		21.0	24.1	12.1		10.0	9.4	-0.039		0.000	0.000
17:00:00	49.0		20.9	22.7	12.2		9.7	9.3	-0.022		0.000	0.000
17:15:00	23.8		19.9	21.1	10.1		9.5	9.2	-0.008		0.000	0.001
17:30:00	48.4		22.1	20.8	12.2		9.3	11.2	-0.002		0.000	0.001
17:45:00	24.4		20.2	21.4	10.2		9.5	9.7	0.001		0.000	0.000
18:00:00	24.0		20.3	22.0	10.5		9.9	9.6	0.003		0.000	0.000
18:15:00	24.4		20.6	24.0	10.7		10.1	9.8	0.002		0.000	0.000
18:30:00	25.4		21.4	23.7	11.4		10.5	10.1	0.000		0.000	0.000
18:45:00	25.0		21.4	24.2	11.3		10.7	10.3	-0.004		0.000	0.000
19:00:00	26.3		21.9	25.6	11.3		11.0	10.6	-0.008		0.000	0.000
19:15:00	25.0		21.3	24.1	11.4		10.5	10.4	-0.009		0.000	0.000
19:30:00	25.4		21.4	23.4	11.4		10.4	10.3	-0.016		0.000	0.000
19:45:00	24.5		21.5	22.5	11.2		10.5	10.3	-0.021		0.000	0.000
20:00:00	26.4		22.7	24.2	11.6		11.0	10.8	-0.025		0.000	0.000
20:15:00	26.6		23.1	23.8	12.0		10.9	11.1	-0.027		0.000	0.000
20:30:00	27.3		24.4	25.3	12.4		11.5	11.7	-0.030		0.000	0.000
20:45:00	28.3		24.9	25.2	12.8		11.9	12.0	-0.035		0.000	0.000
21:00:00	27.6		23.9	25.8	12.9		12.0	11.9	-0.036		0.000	0.000
21:15:00	28.5		24.6	25.1	13.1		11.9	12.2	-0.038		0.000	0.000
21:30:00	28.1		23.7	24.6	13.0		11.8	11.9	-0.040		0.000	0.000
21:45:00	28.4		24.5	25.5	13.3		12.1	12.1	-0.039		0.000	0.000
22:00:00	28.3		24.0	25.0	13.2		12.0	12.2	-0.043		0.000	0.000
22:15:00	28.3		24.4	24.4	13.2		11.9	12.2	-0.047		0.000	0.000
22:30:00	28.2		24.6	24.2	13.4		11.9	12.5	-0.049		0.000	0.000
22:45:00	28.8		24.7	24.9	13.6		12.1	12.6	-0.050		0.000	0.000
23:00:00	28.7		24.2	24.6	13.8		12.3	12.5	-0.052		0.000	0.000
23:15:00	29.6		24.7	24.9	14.1		12.3	12.8	-0.053		0.000	0.000
23:30:00	29.9		24.5	24.2	14.4		12.2	12.7	-0.053		0.000	0.000
23:45:00	29.3		24.8	24.4	14.4		12.3	12.9	-0.054		0.000	0.000



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