



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-09

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 26.49	2943 E	3277 S	2996 SE	2997 SSW	Min : 60.44 Max : 89.42	Min : 49.00 Max : 91.30	Min : 30.09 Max : 30.31

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	10.5	36.8	5.5	8.8	0.002	0.037
2996	9.8	15.1	5.2	8.7	0.000	0.001
2997	14.2	25.9	6.1	9.6	0.001	0.026
3277	11.5	24.3	7.9	18.6	0.003	0.046

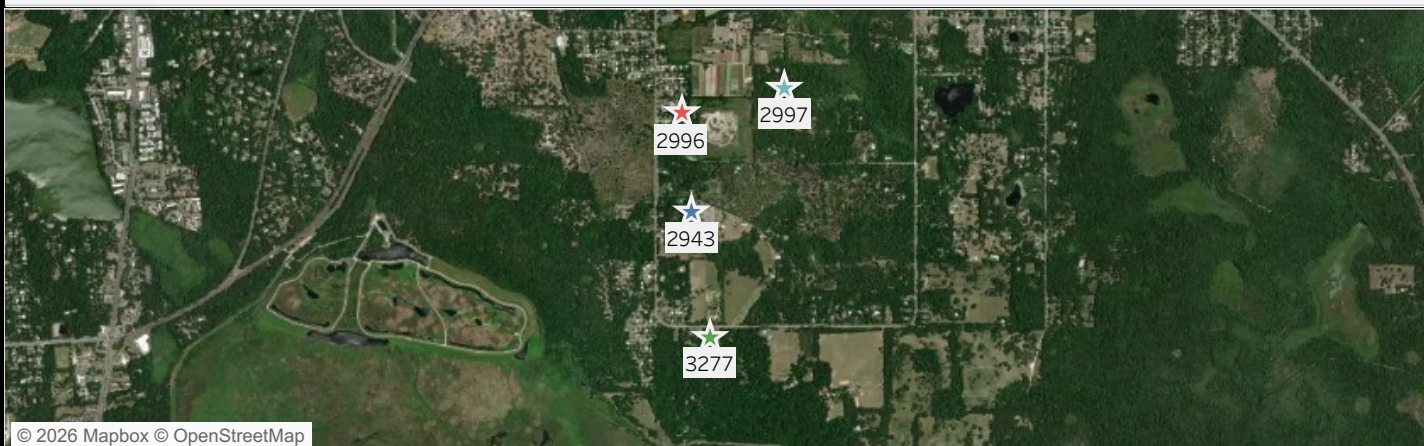


Figure 1 : Monitoring Locations

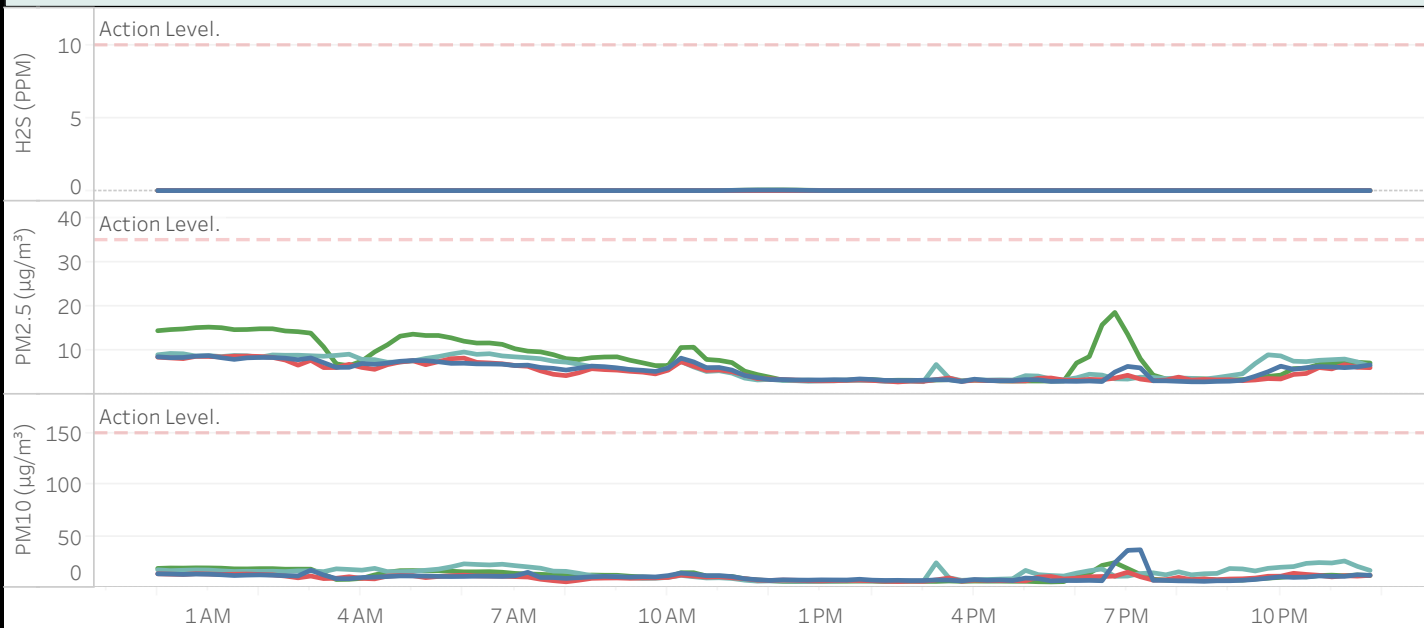


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

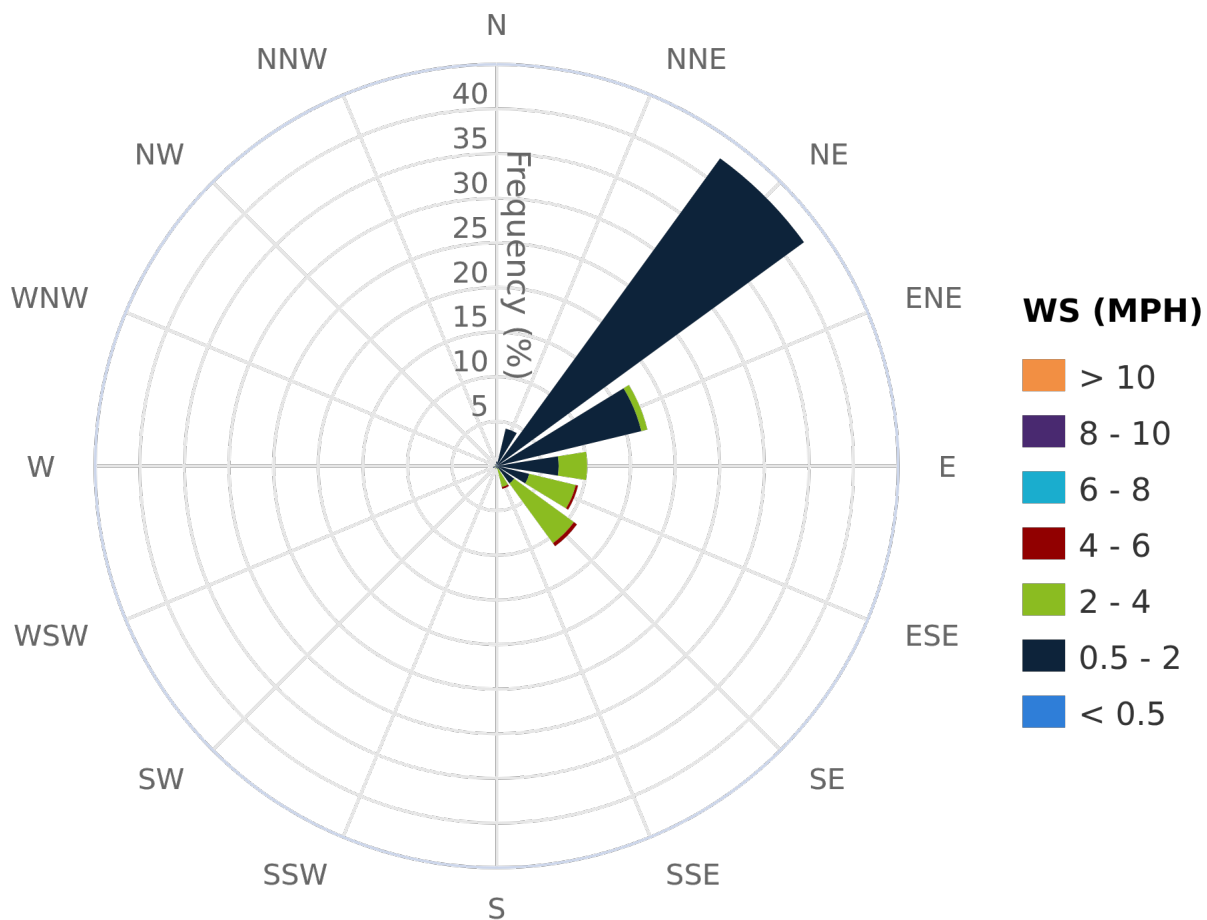


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

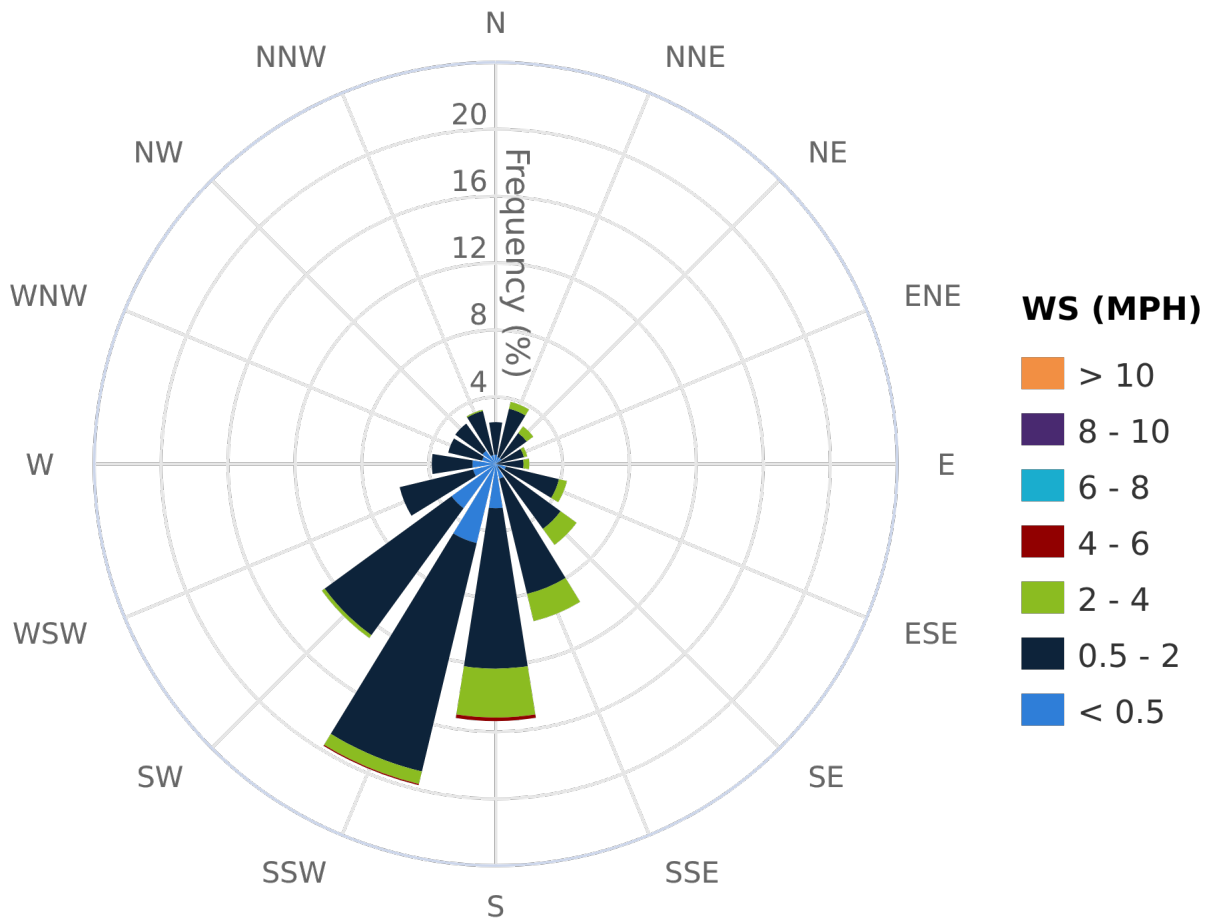


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

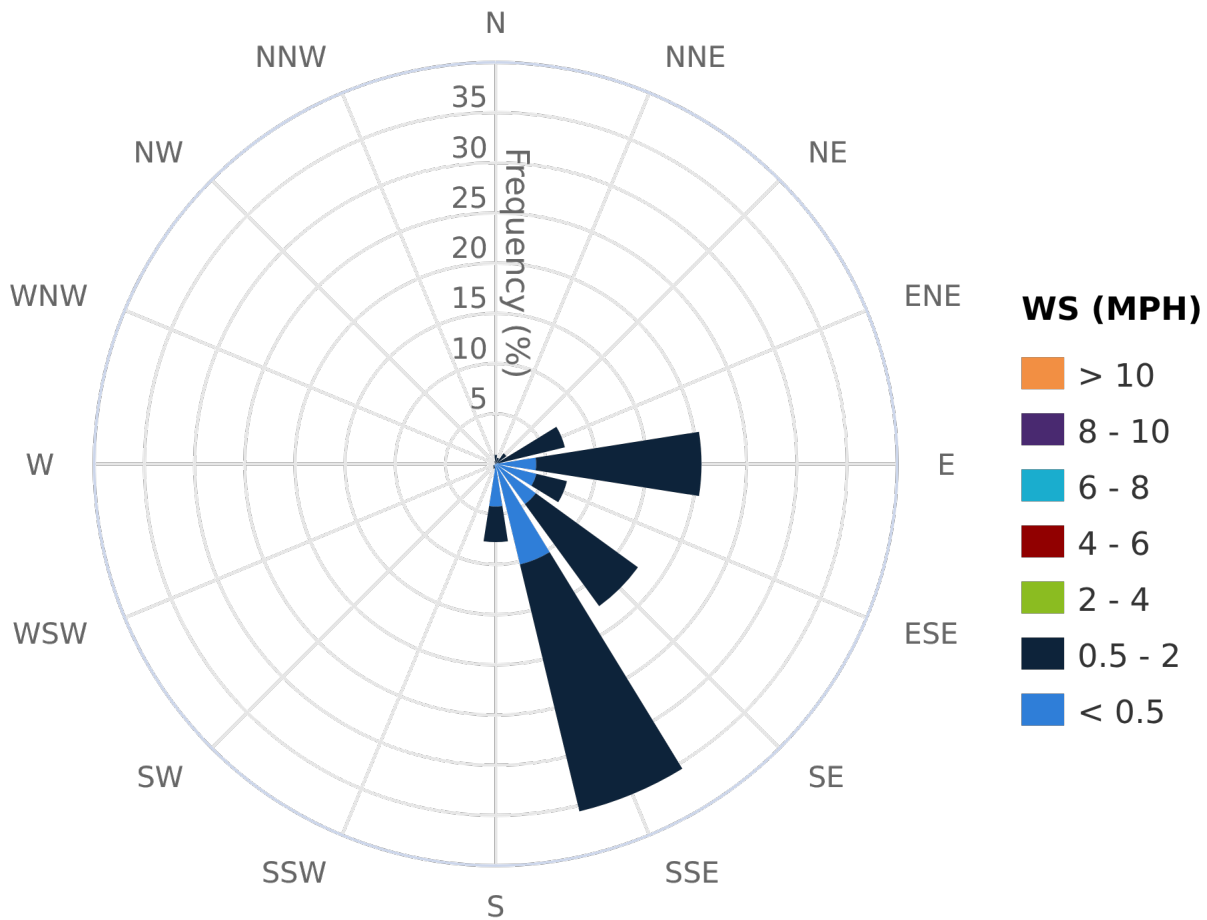


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

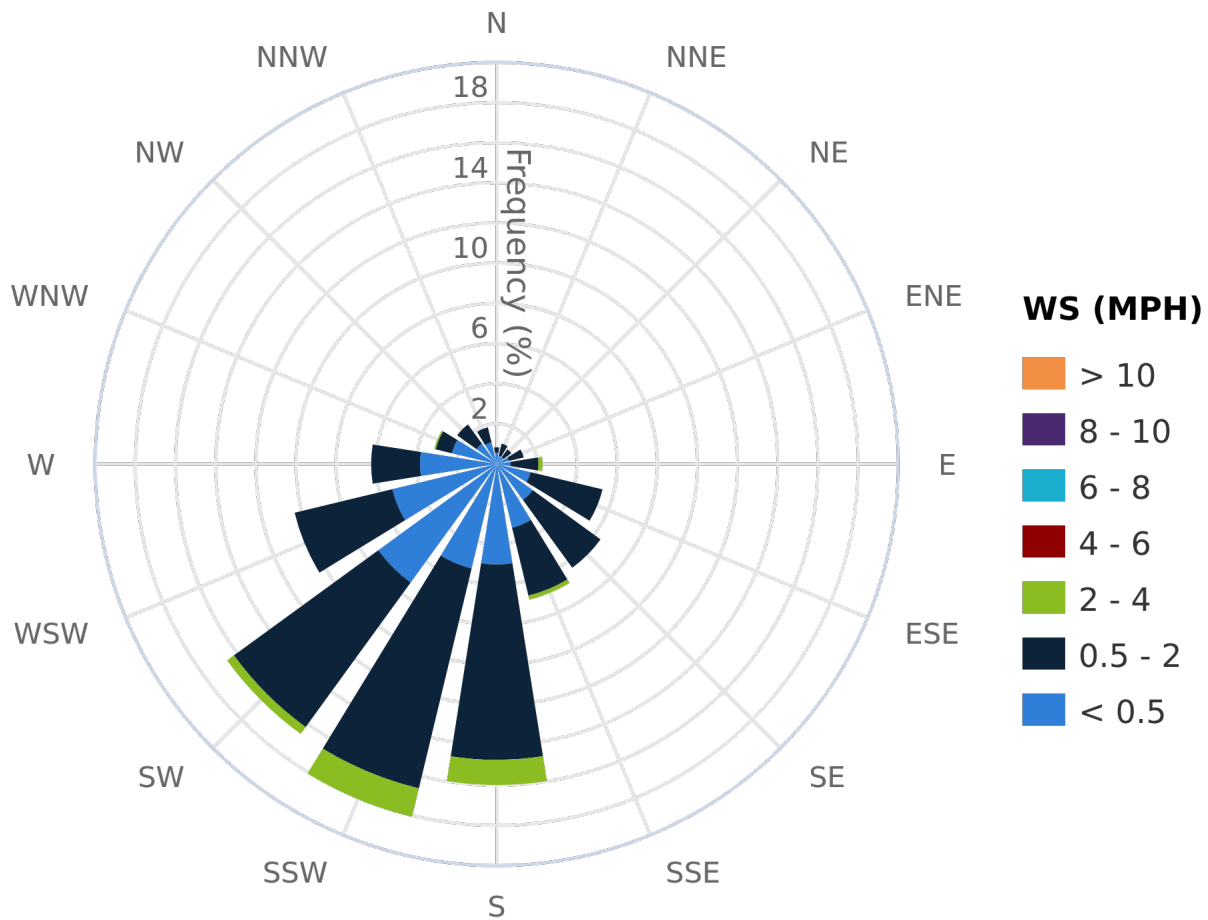


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 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	13.5	18.8	17.4	13.5	8.5	14.4	8.5	9.0	0.000	0.000	0.000	0.000
00:15:00	13.3	19.1	16.6	13.2	8.4	14.7	8.3	9.3	0.000	0.000	0.000	0.000
00:30:00	12.9	19.1	17.0	12.9	8.4	14.8	8.1	9.2	0.000	0.000	0.000	0.000
00:45:00	13.3	19.3	17.3	13.6	8.7	15.1	8.7	8.7	0.000	0.000	0.000	0.000
01:00:00	13.1	19.2	17.1	13.3	8.8	15.3	8.6	8.8	0.000	0.000	0.000	0.000
01:15:00	12.6	19.0	16.4	13.0	8.3	15.1	8.5	8.6	0.000	0.000	0.000	0.000
01:30:00	11.9	18.3	15.7	13.1	8.0	14.7	8.7	8.9	0.000	0.000	0.000	0.000
01:45:00	12.3	18.3	16.0	13.2	8.3	14.7	8.7	8.8	0.000	0.000	0.000	0.000
02:00:00	12.5	18.5	15.8	12.9	8.4	14.9	8.6	8.4	0.000	0.000	0.000	0.000
02:15:00	12.2	18.5	16.0	12.5	8.4	14.9	8.4	9.0	0.000	0.000	0.000	0.000
02:30:00	11.7	18.0	15.7	11.3	8.2	14.4	7.8	8.9	0.000	0.000	0.000	0.000
02:45:00	11.5	18.0	16.4	9.6	7.9	14.2	6.7	8.9	0.000	0.000	0.000	0.000
03:00:00	17.1	18.0	16.4	11.3	8.3	13.9	7.8	8.8	0.000	0.000	0.000	0.000
03:15:00	12.4	12.9	15.6	8.9	7.2	10.8	6.1	8.7	0.000	0.000	0.000	0.000
03:30:00	8.8	8.0	18.3	9.2	6.2	6.9	6.1	8.9	0.000	0.000	0.000	0.000
03:45:00	8.8	8.2	17.7	10.7	6.2	6.5	6.9	9.1	0.000	0.000	0.000	0.000
04:00:00	9.9	9.1	17.1	9.1	7.0	7.6	6.1	8.0	0.000	0.000	0.000	0.000
04:15:00	10.3	12.5	18.8	8.6	6.8	9.7	5.7	7.9	0.000	0.000	0.000	0.000
04:30:00	10.8	15.0	15.6	11.3	7.1	11.3	6.8	7.3	0.000	0.000	0.000	0.000
04:45:00	11.5	16.6	15.6	11.8	7.5	13.2	7.4	7.4	0.000	0.000	0.000	0.000
05:00:00	11.4	16.7	15.9	11.7	7.7	13.7	7.7	7.6	0.000	0.000	0.000	0.000
05:15:00	11.3	16.4	16.9	9.8	7.7	13.4	6.8	8.2	0.000	0.000	0.000	0.000
05:30:00	11.0	16.5	18.0	11.0	7.4	13.4	7.5	8.6	0.000	0.000	0.000	0.000
05:45:00	10.9	16.0	20.3	11.7	7.1	12.8	8.1	9.2	0.000	0.000	0.000	0.000
06:00:00	11.0	15.4	23.1	12.2	7.1	12.1	8.3	9.6	0.000	0.000	0.000	0.000
06:15:00	11.2	15.4	22.6	11.5	7.0	11.7	7.3	9.1	0.000	0.000	0.000	0.000
06:30:00	11.2	15.6	22.1	11.3	6.9	11.7	7.2	9.2	0.000	0.000	0.000	0.000
06:45:00	11.0	15.0	22.8	11.2	6.9	11.4	7.0	8.8	0.000	0.000	0.000	0.000
07:00:00	11.5	13.9	21.4	10.8	6.6	10.4	6.6	8.5	0.000	0.000	0.000	0.000
07:15:00	15.0	13.4	20.2	10.4	6.7	9.8	6.4	8.4	0.000	0.000	0.000	0.000
07:30:00	9.9	13.0	19.0	8.3	6.1	9.7	5.4	8.1	0.000	0.000	0.000	0.000
07:45:00	9.9	12.5	16.1	6.9	5.9	9.0	4.6	7.6	0.000	0.000	0.000	0.000
08:00:00	9.1	11.8	15.9	5.8	5.6	8.1	4.3	7.3	0.000	0.000	0.000	0.000
08:15:00	9.8	11.6	14.0	7.3	6.0	7.9	4.9	6.9	0.000	0.000	0.000	0.000
08:30:00	10.6	12.3	11.7	9.1	6.5	8.3	5.9	6.3	0.000	0.000	0.000	0.000
08:45:00	11.0	12.1	10.9	9.4	6.3	8.5	5.7	6.1	0.000	0.000	0.000	0.000
09:00:00	10.7	12.1	11.0	9.5	6.0	8.5	5.5	5.9	0.000	0.000	0.000	0.000
09:15:00	10.3	11.1	9.7	9.1	5.7	7.8	5.3	5.6	0.000	0.000	0.000	0.000
09:30:00	10.7	10.5	9.1	9.5	5.5	7.2	5.1	5.2	0.000	0.000	0.000	0.000
09:45:00	10.5	10.0	9.2	9.6	5.2	6.6	4.7	5.0	0.000	0.000	0.000	0.000
10:00:00	11.8	10.3	10.1	10.0	6.0	6.6	5.5	6.1	0.000	0.000	0.000	0.000
10:15:00	14.2	14.6	12.0	12.3	8.2	10.6	7.4	7.5	0.000	0.000	0.000	0.000
10:30:00	13.2	14.6	10.7	11.3	7.4	10.7	6.4	6.3	0.000	0.002	0.000	0.000
10:45:00	11.7	11.4	9.5	10.4	6.1	8.0	5.5	5.2	0.000	0.009	0.000	0.000
11:00:00	11.8	11.2	9.7	10.7	6.1	7.7	5.6	5.4	0.003	0.014	0.000	0.000
11:15:00	10.8	10.9	9.0	9.7	5.5	7.2	5.2	4.9	0.017	0.017	0.000	0.007
11:30:00	8.8	8.6	7.3	8.8	4.3	5.3	4.4	3.7	0.030	0.031	0.000	0.017
11:45:00	7.8	7.5	6.4	7.4	3.8	4.5	3.6	3.3	0.035	0.040	0.000	0.026



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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	7.1	6.8	6.6	7.1	3.4	3.9	3.5	3.4	0.037	0.042	0.001	0.022
12:15:00	7.7	6.2	6.5	7.4	3.4	3.3	3.4	3.2	0.035	0.046	0.000	0.020
12:30:00	7.5	6.1	6.3	7.3	3.3	3.2	3.3	3.2	0.027	0.038	0.000	0.019
12:45:00	7.4	6.2	6.2	6.8	3.3	3.3	3.2	3.0	0.014	0.023	0.000	0.014
13:00:00	7.7	6.2	6.3	6.7	3.3	3.2	3.1	3.1	0.005	0.015	0.000	0.008
13:15:00	7.6	6.3	6.5	7.0	3.4	3.3	3.2	3.1	0.000	0.013	0.000	0.001
13:30:00	7.5	6.3	7.1	7.2	3.3	3.3	3.2	3.3	0.000	0.004	0.000	0.000
13:45:00	8.2	6.5	6.6	7.0	3.6	3.4	3.3	3.2	0.000	0.004	0.000	0.000
14:00:00	7.4	6.4	6.7	6.8	3.4	3.4	3.2	3.2	0.000	0.002	0.000	0.000
14:15:00	7.1	5.9	6.4	6.3	3.2	3.2	3.1	3.0	0.000	0.001	0.000	0.000
14:30:00	7.2	6.1	6.4	6.0	3.2	3.3	2.9	3.0	0.000	0.003	0.000	0.000
14:45:00	7.0	6.2	6.5	6.4	3.2	3.2	3.1	3.0	0.000	0.002	0.000	0.000
15:00:00	7.0	6.2	6.3	6.2	3.3	3.2	3.0	2.9	0.000	0.000	0.000	0.000
15:15:00	7.6	6.1	24.2	7.6	3.4	3.3	3.4	6.8	0.000	0.000	0.000	0.000
15:30:00	7.4	6.6	9.7	9.5	3.3	3.4	3.8	3.8	0.000	0.000	0.000	0.000
15:45:00	6.6	6.2	7.2	6.3	3.0	3.1	3.0	3.2	0.000	0.001	0.000	0.000
16:00:00	8.0	6.5	7.7	7.4	3.5	3.3	3.3	3.4	0.000	0.000	0.000	0.000
16:15:00	7.3	6.4	8.0	7.1	3.2	3.2	3.2	3.3	0.000	0.000	0.000	0.000
16:30:00	7.5	6.4	8.4	6.9	3.1	3.1	3.1	3.3	0.000	0.000	0.000	0.000
16:45:00	7.0	6.3	8.7	7.0	3.2	3.1	3.1	3.3	0.000	0.000	0.000	0.000
17:00:00	9.4	6.3	16.8	6.7	3.4	3.1	3.1	4.3	0.000	0.001	0.000	0.001
17:15:00	8.9	5.8	12.7	10.3	3.4	3.1	3.7	4.2	0.000	0.001	0.000	0.001
17:30:00	6.7	5.7	11.9	11.0	3.0	3.1	3.8	3.5	0.000	0.002	0.000	0.001
17:45:00	7.0	6.0	11.3	8.5	3.0	3.1	3.3	3.4	0.000	0.001	0.000	0.001
18:00:00	7.0	11.9	14.2	9.4	3.0	7.1	3.2	3.8	0.001	0.000	0.000	0.000
18:15:00	7.2	14.0	16.5	10.6	3.1	8.6	3.4	4.6	0.001	0.000	0.000	0.000
18:30:00	6.8	21.6	18.2	10.9	3.0	15.8	3.4	4.4	0.000	0.000	0.000	0.000
18:45:00	24.2	24.3	11.1	11.3	5.1	18.6	3.7	3.6	0.000	0.000	0.000	0.000
19:00:00	36.2	18.6	11.3	15.1	6.4	13.7	4.4	3.5	0.000	0.000	0.000	0.000
19:15:00	36.8	12.9	13.8	10.7	6.0	8.1	3.5	3.9	0.000	0.000	0.000	0.000
19:30:00	7.2	8.3	14.5	7.4	3.1	4.4	3.1	3.9	0.000	0.000	0.000	0.000
19:45:00	7.1	7.4	12.5	7.8	3.1	3.6	3.3	3.6	0.000	0.000	0.000	0.000
20:00:00	6.7	6.9	15.5	10.1	3.0	3.4	4.0	3.8	0.000	0.000	0.000	0.000
20:15:00	6.6	7.8	12.5	7.8	2.9	3.6	3.3	3.7	0.000	0.000	0.000	0.000
20:30:00	6.2	8.5	13.6	8.6	2.9	3.6	3.4	3.5	0.000	0.000	0.000	0.000
20:45:00	6.8	7.5	13.9	7.8	3.0	3.4	3.3	3.9	0.000	0.000	0.000	0.000
21:00:00	6.8	7.6	18.6	8.5	3.0	3.3	3.4	4.3	0.000	0.000	0.000	0.000
21:15:00	7.2	7.4	18.2	8.7	3.3	3.4	3.2	4.7	0.000	0.000	0.000	0.000
21:30:00	8.1	8.5	16.3	9.4	4.2	3.6	3.3	7.0	0.000	0.000	0.000	0.000
21:45:00	9.3	9.4	18.8	11.1	5.2	4.1	3.6	9.0	0.000	0.000	0.000	0.000
22:00:00	10.6	10.1	19.9	11.2	6.4	4.4	3.5	8.8	0.000	0.000	0.000	0.000
22:15:00	10.0	11.2	20.5	14.0	5.7	5.9	4.6	7.6	0.000	0.000	0.000	0.000
22:30:00	10.4	10.5	23.6	12.9	6.1	6.0	4.8	7.5	0.000	0.000	0.000	0.000
22:45:00	11.4	11.9	24.4	12.1	6.3	6.8	6.1	7.8	0.000	0.000	0.000	0.000
23:00:00	11.1	12.2	24.0	10.5	6.3	7.2	5.8	7.9	0.000	0.000	0.000	0.000
23:15:00	11.1	11.6	25.9	11.7	6.1	7.3	6.8	8.0	0.000	0.000	0.000	0.000
23:30:00	12.6	12.4	20.7	11.3	6.3	7.3	6.2	7.4	0.000	0.000	0.000	0.000
23:45:00	12.1	11.9	16.8	12.0	6.7	7.2	6.1	6.5	0.000	0.000	0.000	0.000



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