



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-01

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.823	2943 SE	3061 SW	2996 WNW	2997 NE	Min : 67.46 Max : 99.68	Min : 40.10 Max : 86.90	Min : 29.73 Max : 30.01

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	15.4	134.1	7.0	23.4	0.016	0.100
2996	12.7	20.6	7.0	9.7	0.010	0.066
2997	13.8	23.9	6.9	9.8	0.008	0.057
3061	11.5	17.0	6.4	9.0	0.002	0.013



Figure 1 : Monitoring Locations

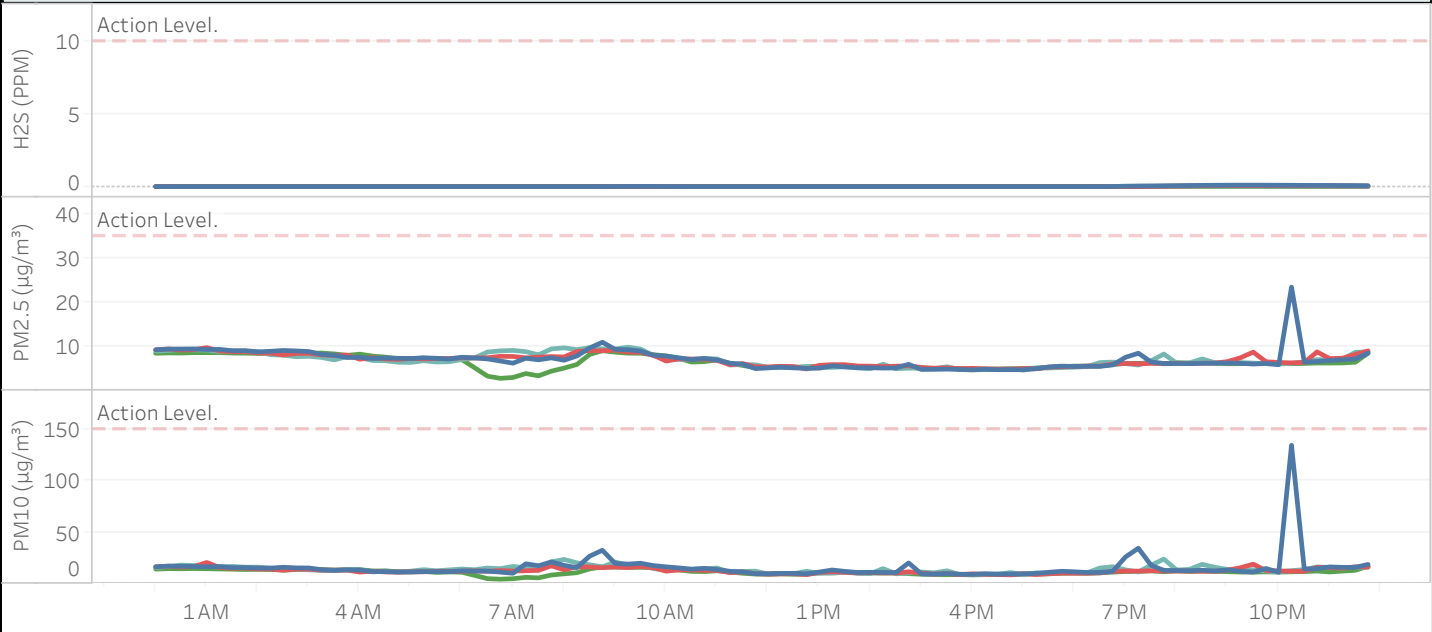


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

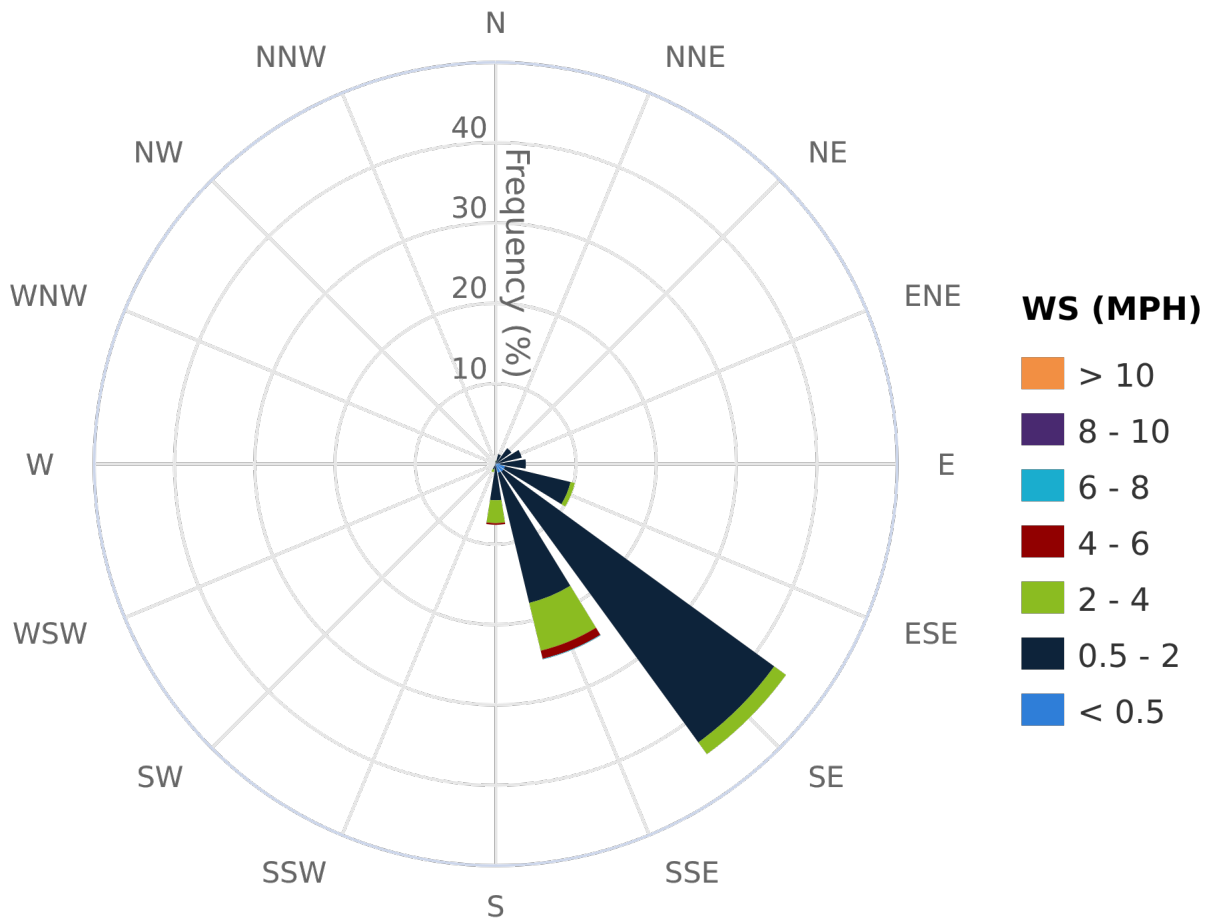


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

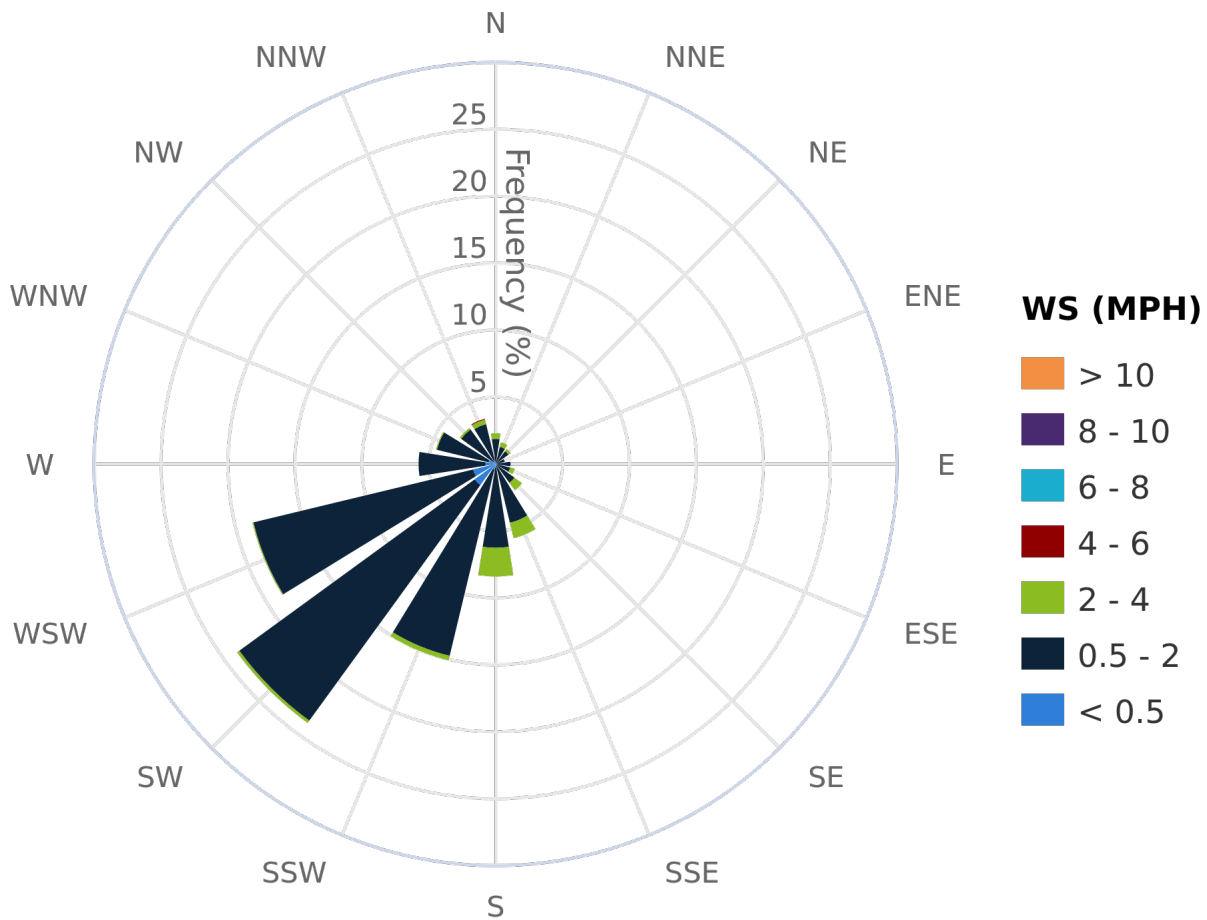


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

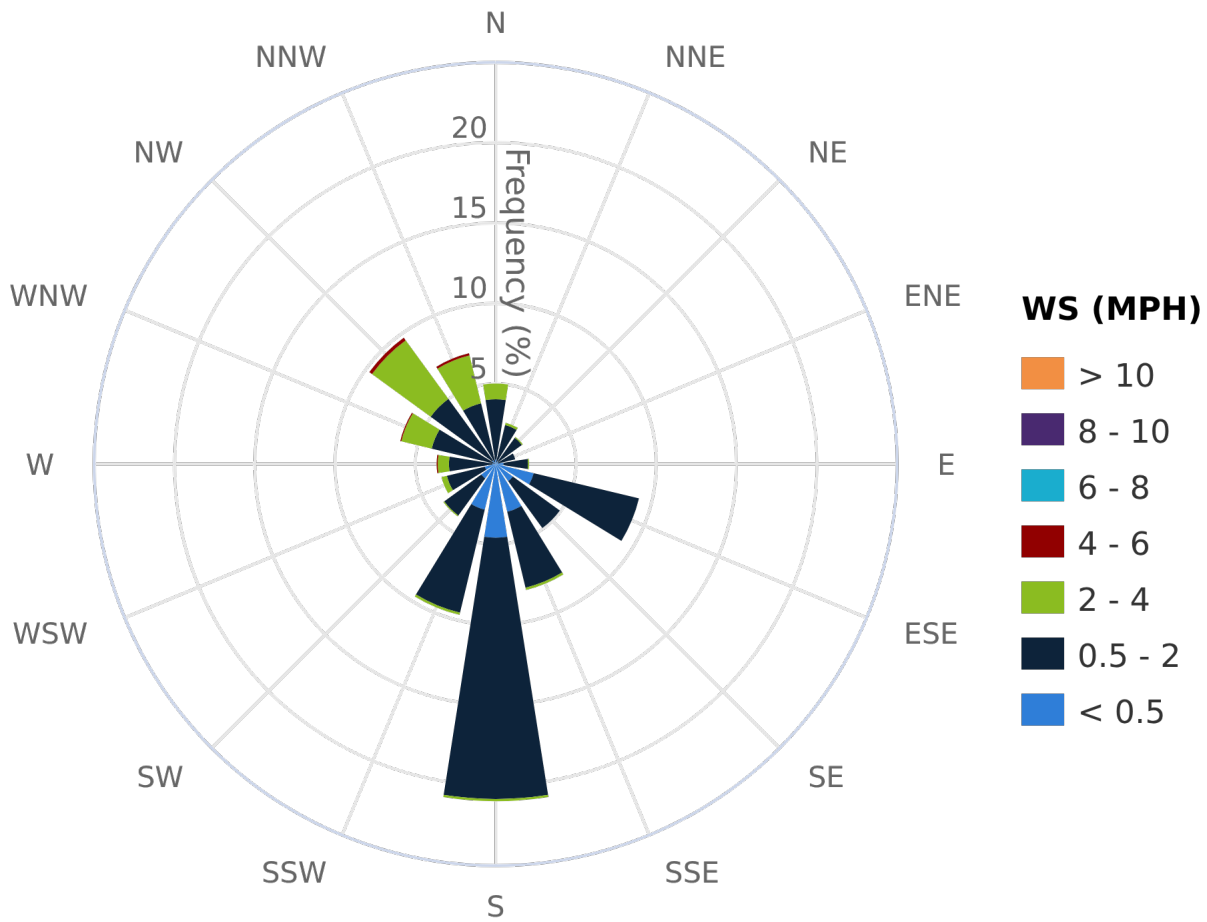


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

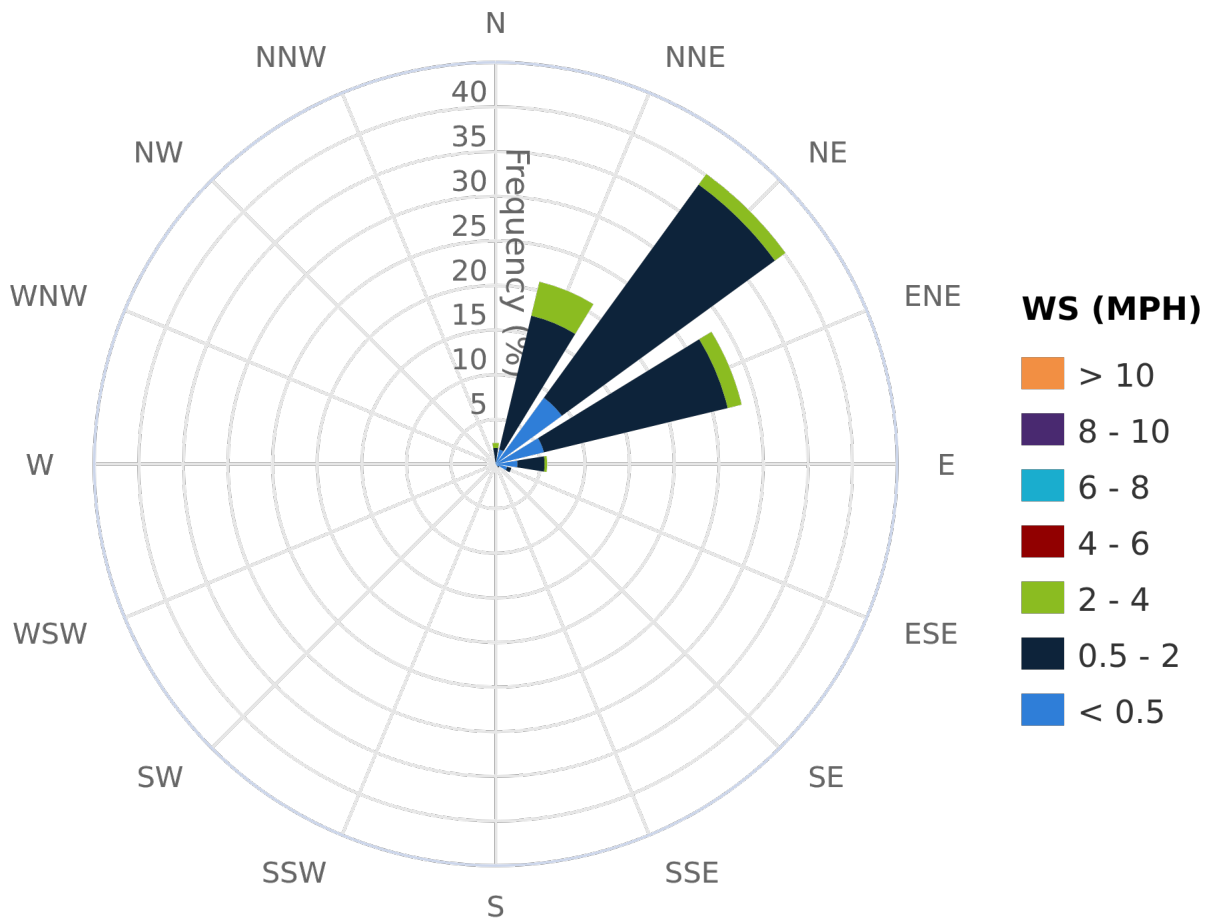


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	16.5	14.2	15.7	16.4	9.2	8.4	9.2	8.9	0.000	0.000	0.001	0.000
00:15:00	17.1	14.6	16.6	17.1	9.4	8.5	9.4	9.1	0.000	0.000	0.000	0.000
00:30:00	16.9	14.5	18.1	16.3	9.4	8.5	9.2	9.3	0.000	0.000	0.000	0.000
00:45:00	16.7	14.7	17.7	16.6	9.4	8.6	9.3	9.2	0.000	0.000	0.000	0.000
01:00:00	16.4	14.6	17.1	20.6	9.3	8.6	9.7	9.2	0.000	0.000	0.000	0.000
01:15:00	16.7	14.3	16.5	15.8	9.3	8.6	9.0	8.8	0.000	0.000	0.000	0.000
01:30:00	15.6	14.1	16.8	14.9	9.0	8.5	8.8	9.0	0.000	0.000	0.000	0.000
01:45:00	15.7	13.8	16.1	15.2	9.0	8.5	8.8	8.8	0.000	0.000	0.000	0.000
02:00:00	15.3	13.9	16.1	14.3	8.8	8.4	8.5	8.8	0.000	0.000	0.000	0.000
02:15:00	15.2	13.9	15.1	14.3	8.9	8.4	8.5	8.1	0.000	0.000	0.000	0.000
02:30:00	16.0	13.2	14.1	13.1	9.1	8.3	8.1	8.0	0.000	0.000	0.000	0.000
02:45:00	15.4	13.8	14.2	14.1	9.0	8.4	8.4	7.7	0.000	0.000	0.000	0.000
03:00:00	15.3	14.2	13.5	14.2	8.8	8.4	8.4	7.8	0.000	0.000	0.000	0.000
03:15:00	13.7	13.7	12.9	13.2	8.2	8.5	8.1	7.5	0.000	0.000	0.000	0.000
03:30:00	13.1	13.2	12.8	13.2	8.0	8.3	8.0	6.9	0.000	0.000	0.000	0.000
03:45:00	13.6	13.4	13.7	13.2	7.5	8.0	8.0	7.7	0.000	0.000	0.000	0.000
04:00:00	13.3	13.7	13.8	11.3	7.5	8.2	7.1	7.4	0.000	0.000	0.000	0.000
04:15:00	11.8	12.4	11.4	12.2	7.3	7.8	7.5	6.8	0.000	0.000	0.000	0.000
04:30:00	11.7	12.5	12.4	11.5	7.4	7.6	7.2	6.8	0.000	0.000	0.000	0.000
04:45:00	11.4	11.7	11.3	11.3	7.3	7.2	7.1	6.4	0.000	0.000	0.000	0.000
05:00:00	11.5	11.4	12.3	11.6	7.3	7.2	7.3	6.4	0.000	0.000	0.000	0.000
05:15:00	11.7	12.0	13.7	11.6	7.4	7.4	7.2	6.8	0.000	0.000	0.000	0.000
05:30:00	11.8	11.0	12.6	12.1	7.3	6.9	7.3	6.5	0.000	0.000	0.000	0.000
05:45:00	11.7	11.4	13.5	11.9	7.1	7.0	7.3	6.5	0.000	0.000	0.000	0.000
06:00:00	12.5	11.2	14.3	12.2	7.5	7.0	7.4	7.0	0.000	0.000	0.000	0.000
06:15:00	12.2	8.1	13.6	12.5	7.4	5.2	7.4	7.4	0.000	0.000	0.000	0.000
06:30:00	12.3	5.0	15.3	12.0	7.2	3.3	7.4	8.7	0.000	0.000	0.000	0.000
06:45:00	11.3	4.4	14.6	12.8	6.7	2.8	7.8	9.0	0.000	0.000	0.000	0.000
07:00:00	10.2	4.9	16.8	12.3	6.2	3.0	7.7	9.1	0.000	0.000	0.000	0.000
07:15:00	19.4	6.2	15.4	12.6	7.3	3.9	7.4	8.8	0.000	0.000	0.000	0.000
07:30:00	17.4	5.7	13.2	13.0	7.0	3.3	7.6	8.1	0.000	0.000	0.000	0.000
07:45:00	21.2	8.5	21.2	17.4	7.4	4.4	7.7	9.4	0.000	0.000	0.000	0.000
08:00:00	17.9	9.6	23.6	13.6	6.9	5.1	7.6	9.7	0.000	0.000	0.000	0.000
08:15:00	15.6	10.7	20.3	16.4	7.8	5.9	8.8	9.3	0.000	0.000	0.000	0.000
08:30:00	26.7	14.4	18.4	16.3	9.6	8.2	9.0	9.7	0.000	0.000	0.000	0.000
08:45:00	32.5	16.4	16.4	15.6	10.9	9.0	9.0	9.4	0.000	0.000	0.000	0.000
09:00:00	19.7	16.1	21.1	16.3	9.3	8.7	9.2	9.4	0.005	0.000	0.000	0.002
09:15:00	19.1	15.9	18.1	15.7	9.2	8.5	8.7	9.8	0.008	0.001	0.000	0.006
09:30:00	19.9	15.9	17.8	16.7	8.9	8.4	8.7	9.4	0.013	0.001	0.000	0.014
09:45:00	17.6	15.7	14.7	15.5	8.0	8.1	8.0	7.9	0.009	0.001	0.000	0.013
10:00:00	16.4	15.1	13.4	12.2	7.8	7.8	6.7	7.2	0.005	0.000	0.000	0.014
10:15:00	15.4	13.4	13.5	13.4	7.4	7.3	7.2	7.1	0.000	0.000	0.000	0.018
10:30:00	14.2	12.0	13.9	13.4	7.0	6.5	7.1	7.1	0.000	0.000	0.000	0.013
10:45:00	14.9	11.8	14.4	13.1	7.3	6.6	7.1	7.2	0.000	0.000	0.000	0.006
11:00:00	13.8	12.6	15.3	12.9	7.0	6.9	6.8	7.2	0.000	0.000	0.000	0.001
11:15:00	12.1	11.4	10.9	10.8	6.2	6.2	5.8	5.8	0.000	0.000	0.000	0.000
11:30:00	11.6	10.2	12.0	11.5	6.0	5.7	6.1	5.9	0.000	0.000	0.000	0.000
11:45:00	9.7	9.4	12.2	9.8	5.0	5.2	5.4	5.8	0.000	0.000	0.000	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	9.8	9.1	9.3	9.4	5.1	5.2	5.4	5.2	0.000	0.000	0.000	0.000
12:15:00	10.1	9.7	9.9	9.5	5.3	5.5	5.5	5.2	0.000	0.000	0.000	0.000
12:30:00	10.1	9.2	9.8	9.8	5.1	5.3	5.5	5.2	0.000	0.000	0.000	0.000
12:45:00	9.7	9.4	12.1	8.8	5.0	5.4	4.9	5.5	0.000	0.000	0.000	0.000
13:00:00	11.3	10.6	10.2	11.0	5.1	5.5	5.7	5.2	0.000	0.000	0.000	0.000
13:15:00	13.3	11.1	10.2	11.6	5.6	5.7	5.9	5.3	0.000	0.000	0.000	0.000
13:30:00	12.0	11.3	11.2	11.1	5.4	5.7	5.9	5.4	0.000	0.000	0.000	0.000
13:45:00	10.9	10.7	10.1	10.5	5.2	5.5	5.6	5.1	0.000	0.000	0.000	0.000
14:00:00	11.1	10.4	9.8	10.8	5.2	5.3	5.5	4.9	0.000	0.000	0.000	0.000
14:15:00	11.0	10.3	14.7	10.5	5.1	5.4	5.5	6.0	0.000	0.000	0.000	0.000
14:30:00	10.8	10.6	9.6	10.3	5.1	5.5	5.5	5.0	0.000	0.000	0.000	0.000
14:45:00	20.2	9.8	10.5	11.6	5.9	5.2	5.6	5.1	0.000	0.000	0.000	0.000
15:00:00	9.5	9.2	11.4	10.3	4.8	5.1	5.2	5.2	0.000	0.000	0.000	0.000
15:15:00	9.4	9.0	10.6	9.3	4.8	5.0	5.1	4.9	0.000	0.000	0.000	0.000
15:30:00	9.8	8.8	12.6	10.0	4.9	5.1	5.1	5.4	0.000	0.000	0.000	0.000
15:45:00	9.3	8.9	8.9	8.9	4.8	4.9	5.0	4.8	0.000	0.000	0.000	0.000
16:00:00	9.1	8.6	8.8	9.6	4.7	4.8	5.0	4.7	0.000	0.000	0.000	0.000
16:15:00	9.8	8.8	9.0	9.2	4.8	4.9	4.9	4.7	0.000	0.000	0.000	0.000
16:30:00	9.3	8.9	9.4	8.9	4.7	4.9	4.9	4.8	0.000	0.000	0.000	0.000
16:45:00	9.5	9.1	10.8	8.6	4.7	4.9	4.9	5.0	0.000	0.000	0.000	0.000
17:00:00	9.5	9.4	9.0	9.8	4.7	5.0	5.0	4.7	0.000	0.000	0.000	0.000
17:15:00	10.1	9.5	10.6	8.9	5.0	5.1	4.9	5.1	0.000	0.000	0.000	0.000
17:30:00	11.1	9.6	10.0	9.7	5.4	5.3	5.3	5.1	0.000	0.000	0.000	0.000
17:45:00	12.1	10.2	10.6	10.3	5.5	5.4	5.4	5.2	0.000	0.000	0.000	0.000
18:00:00	11.6	10.3	10.6	10.3	5.5	5.5	5.4	5.3	0.000	0.000	0.000	0.000
18:15:00	10.9	10.3	10.8	10.1	5.5	5.5	5.6	5.5	0.000	0.000	0.000	0.000
18:30:00	11.0	10.6	15.3	10.6	5.5	5.6	5.6	6.3	0.000	0.002	0.000	0.000
18:45:00	12.1	11.3	16.5	12.0	5.8	5.9	6.0	6.5	0.007	0.005	0.000	0.001
19:00:00	26.1	11.9	13.5	12.3	7.5	6.1	6.1	6.1	0.030	0.008	0.000	0.009
19:15:00	34.4	11.9	11.4	12.3	8.5	6.2	6.0	5.8	0.040	0.009	0.001	0.024
19:30:00	17.9	12.5	18.1	12.6	6.5	6.3	6.2	6.7	0.045	0.009	0.013	0.026
19:45:00	12.9	11.6	23.9	12.3	6.1	6.1	6.2	8.3	0.054	0.010	0.026	0.028
20:00:00	12.8	12.6	13.3	12.2	6.1	6.3	6.2	6.2	0.063	0.011	0.036	0.032
20:15:00	12.7	11.9	14.0	12.3	6.1	6.2	6.2	6.3	0.073	0.011	0.047	0.039
20:30:00	13.1	12.4	18.8	12.1	6.2	6.3	6.2	7.2	0.085	0.012	0.057	0.045
20:45:00	12.4	12.0	15.9	12.1	6.2	6.2	6.2	6.3	0.091	0.012	0.062	0.052
21:00:00	13.4	11.7	13.9	13.2	6.2	6.1	6.6	6.2	0.097	0.013	0.066	0.057
21:15:00	12.1	11.3	13.7	15.5	6.2	6.1	7.4	6.3	0.100	0.012	0.064	0.054
21:30:00	11.3	11.2	13.6	19.0	6.0	6.1	8.7	6.2	0.100	0.013	0.066	0.049
21:45:00	14.8	11.5	12.3	12.8	6.1	6.1	6.5	6.1	0.098	0.012	0.063	0.047
22:00:00	11.2	11.2	11.6	12.5	5.9	6.1	6.4	6.0	0.094	0.011	0.062	0.045
22:15:00	134.1	11.6	12.7	12.1	23.4	6.1	6.3	6.2	0.090	0.011	0.058	0.042
22:30:00	14.2	11.8	13.7	12.1	6.5	6.1	6.4	6.5	0.085	0.009	0.056	0.038
22:45:00	14.6	12.3	16.3	15.8	6.6	6.2	8.8	7.0	0.081	0.008	0.056	0.033
23:00:00	16.3	11.4	15.7	15.8	6.8	6.2	7.2	7.0	0.080	0.008	0.048	0.028
23:15:00	15.9	12.3	15.2	15.0	7.0	6.3	7.3	7.1	0.074	0.007	0.049	0.023
23:30:00	15.9	13.0	16.1	16.4	7.2	6.4	8.2	8.7	0.069	0.007	0.044	0.020
23:45:00	18.7	17.0	16.0	16.3	8.5	8.5	9.0	8.7	0.063	0.006	0.037	0.017



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

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