



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-11

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.11 to 10.58	2943 ESE	3061 N	2996 ESE	2997 ENE	Min : 55.04 Max : 94.64	Min : 33.00 Max : 86.90	Min : 30.15 Max : 30.37

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	14.5	83.2	6.1	16.3	0.013	0.091
2996	11.8	27.9	5.8	9.3	0.012	0.089
2997	10.6	25.4	5.3	8.7	0.005	0.039
3061	10.8	19.9	5.5	10.4	0.001	0.005



Figure 1 : Monitoring Locations

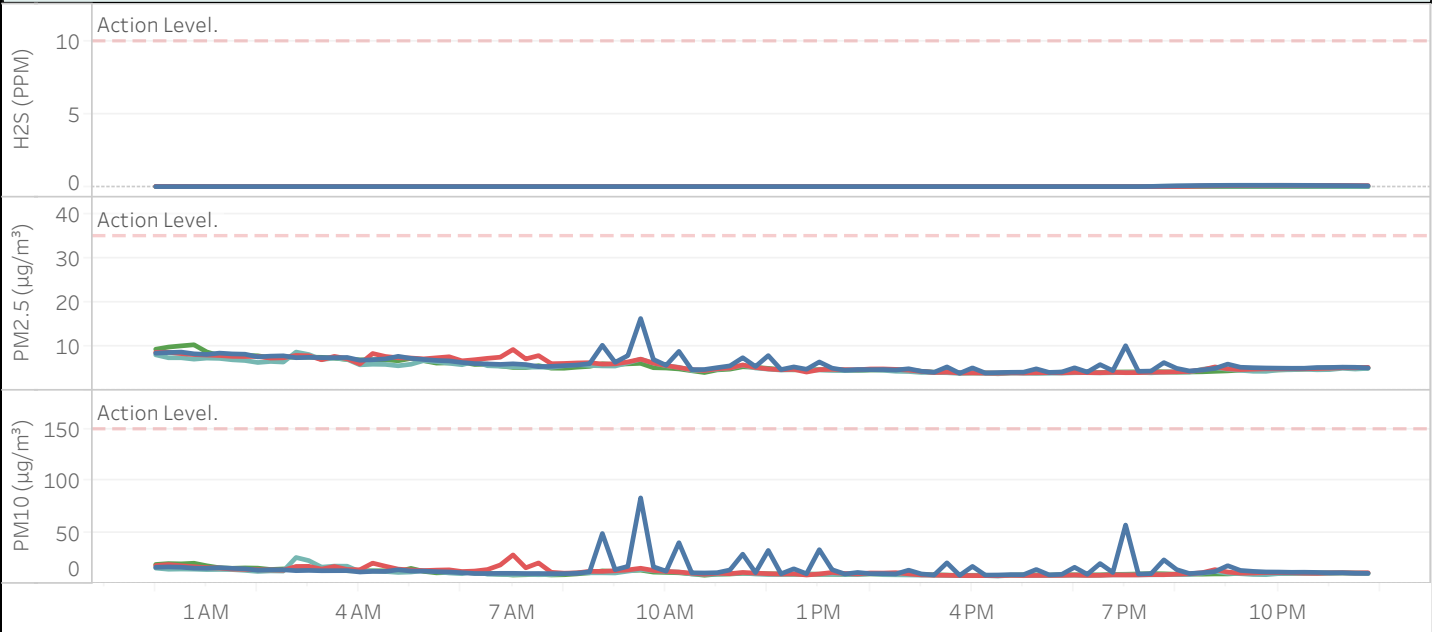


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

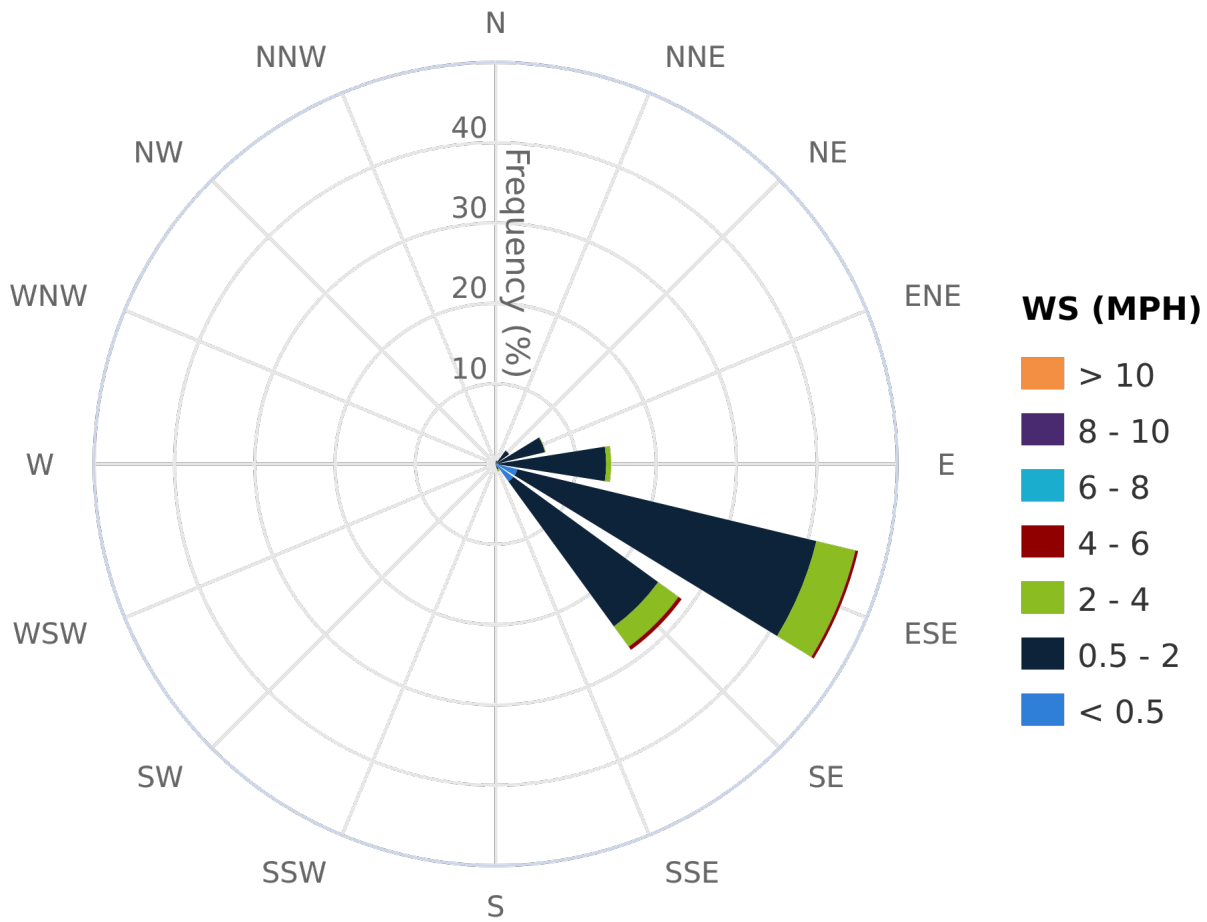


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

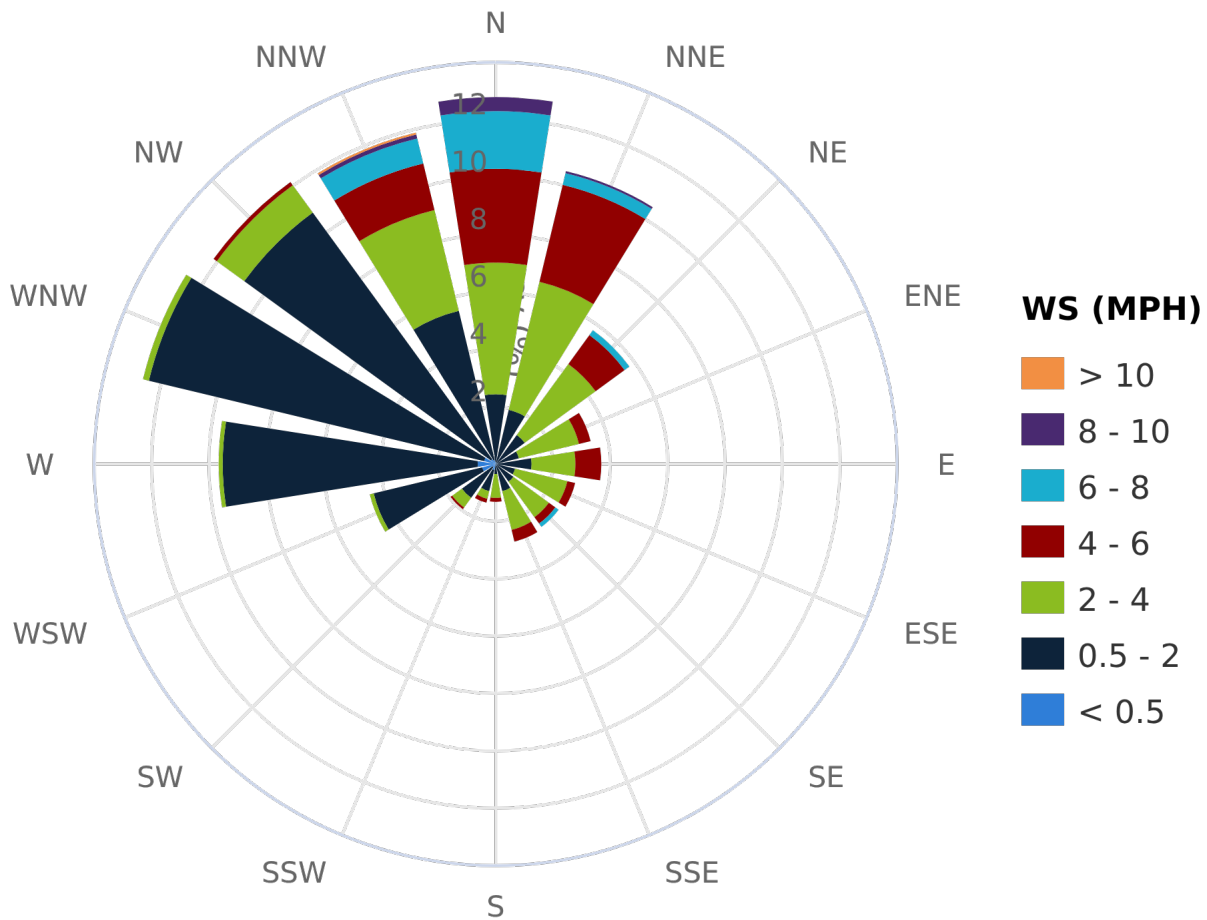


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

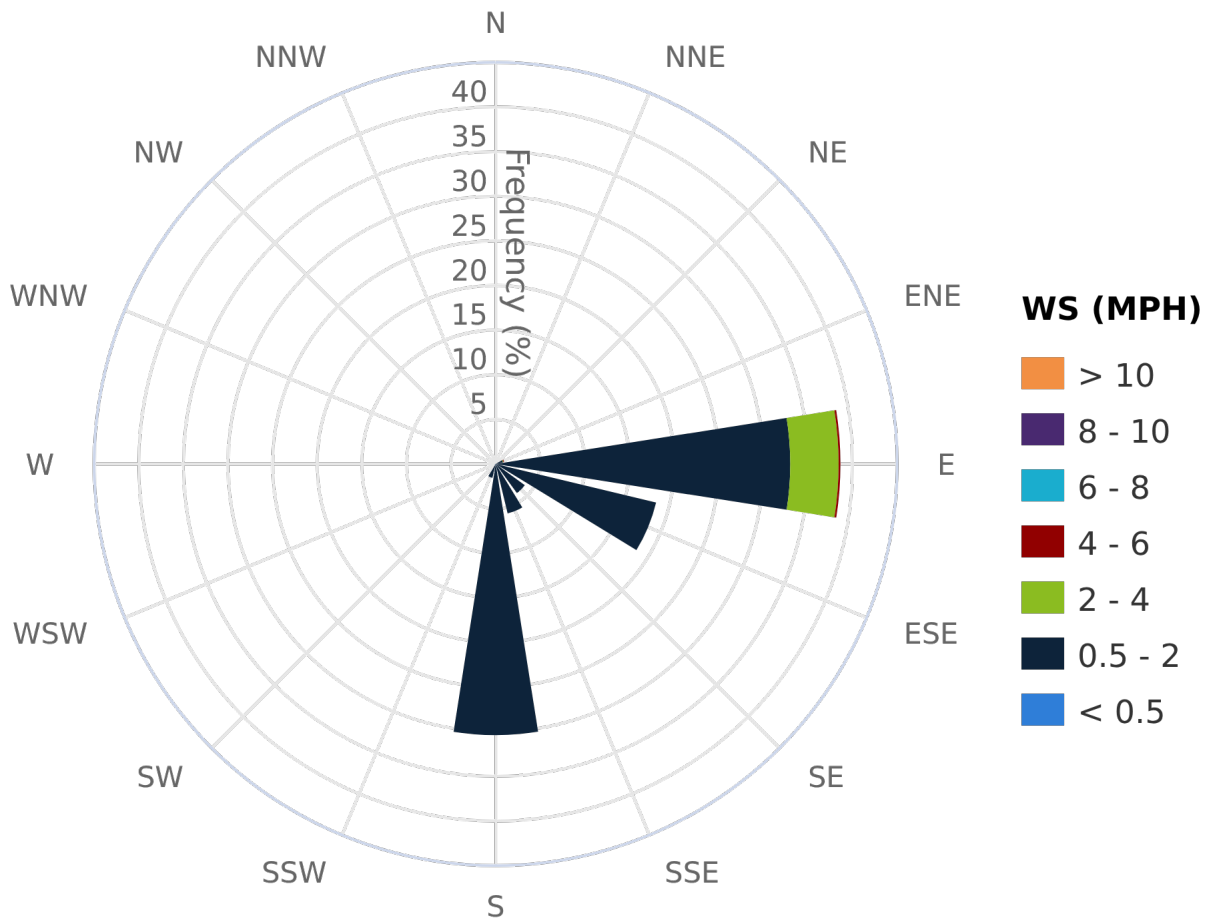


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

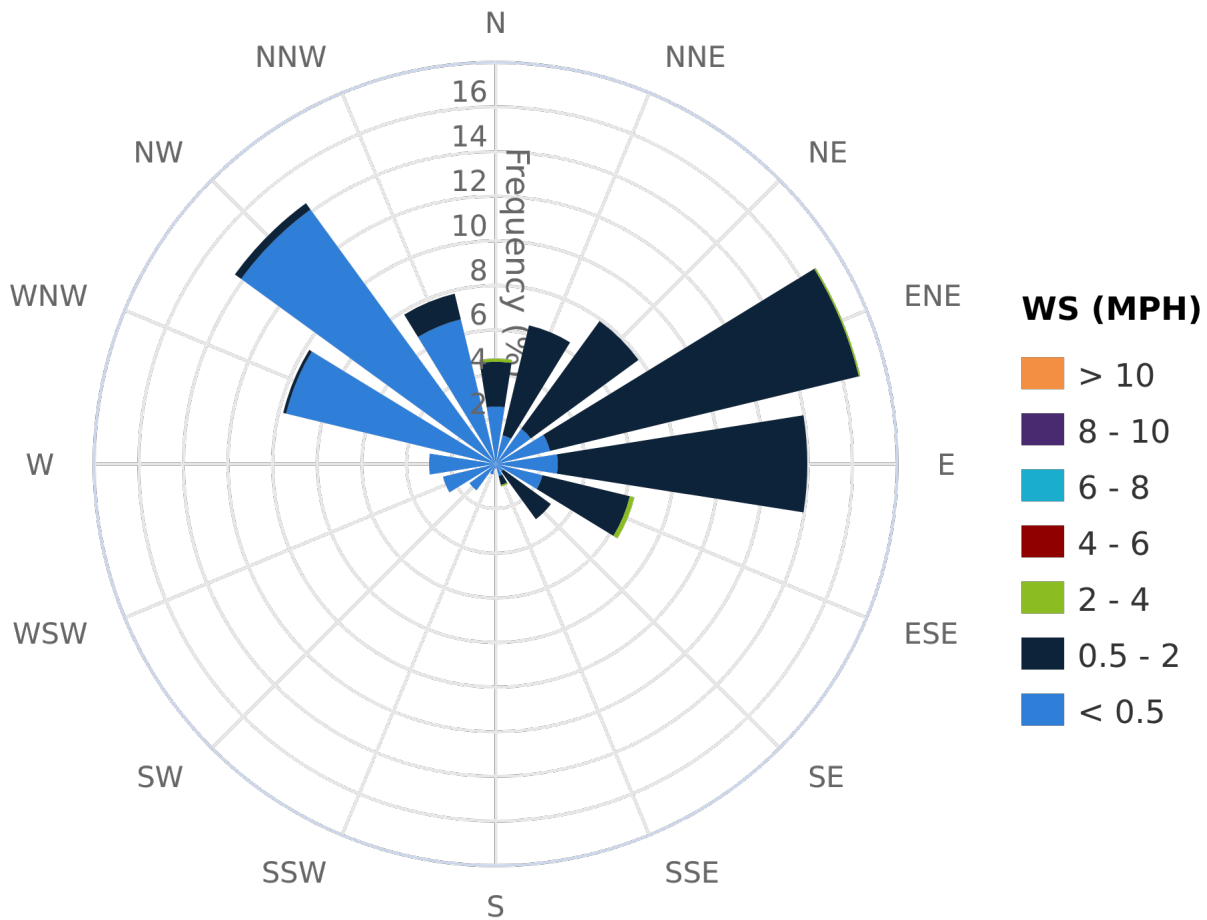


Figure 3 : Wind Rose Chart (WS in MPH)



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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	16.0	18.7	15.2	17.6	8.5	9.4	8.7	8.1	0.000	0.000	0.016	0.000
00:15:00	16.3	19.5	14.1	18.6	8.6	9.8	8.7	7.4	0.000	0.000	0.014	0.000
00:30:00	16.0	19.3	14.3	17.5	8.7	10.1	8.4	7.4	0.000	0.000	0.011	0.000
00:45:00	15.1	19.9	14.1	16.5	8.3	10.4	8.2	7.1	0.000	0.000	0.008	0.000
01:00:00	15.0	17.4	13.7	15.6	8.2	8.7	8.0	7.4	0.000	0.000	0.006	0.000
01:15:00	15.6	15.5	13.8	15.3	8.5	7.9	7.9	7.3	0.000	0.000	0.003	0.000
01:30:00	14.9	15.0	13.7	14.3	8.3	7.9	7.7	7.0	0.000	0.000	0.000	0.000
01:45:00	14.5	15.3	13.0	14.0	8.2	8.0	7.7	6.8	0.000	0.000	0.000	0.000
02:00:00	13.2	15.1	11.9	13.6	7.6	7.9	7.7	6.4	0.000	0.000	0.000	0.000
02:15:00	13.5	13.8	12.5	13.4	7.8	7.4	7.4	6.6	0.000	0.000	0.000	0.000
02:30:00	13.5	14.4	12.3	13.2	7.9	7.6	7.4	6.5	0.000	0.000	0.000	0.000
02:45:00	12.7	14.0	25.4	16.8	7.4	7.6	8.0	8.7	0.000	0.000	0.000	0.000
03:00:00	12.9	13.9	22.4	16.9	7.5	7.6	7.9	8.2	0.000	0.000	0.000	0.000
03:15:00	12.6	13.8	16.1	14.1	7.5	7.5	7.0	7.0	0.000	0.000	0.000	0.000
03:30:00	12.7	13.5	17.1	16.7	7.4	7.3	7.7	7.4	0.000	0.000	0.000	0.000
03:45:00	12.7	12.6	17.0	13.8	7.5	7.0	7.2	7.1	0.000	0.000	0.000	0.000
04:00:00	11.4	12.6	11.7	13.5	6.9	7.0	6.0	5.8	0.000	0.000	0.000	0.000
04:15:00	12.0	12.6	12.4	20.0	7.0	7.0	8.4	6.0	0.000	0.000	0.000	0.000
04:30:00	12.0	12.6	11.9	17.0	7.2	7.0	7.7	5.9	0.000	0.000	0.000	0.000
04:45:00	13.5	11.9	11.0	14.2	7.8	6.8	7.4	5.6	0.000	0.000	0.000	0.000
05:00:00	12.4	14.9	11.4	13.3	7.3	7.3	7.4	6.0	0.000	0.000	0.000	0.000
05:15:00	12.2	12.0	12.7	12.7	7.0	6.8	7.2	6.8	0.000	0.000	0.000	0.000
05:30:00	11.7	10.6	11.7	13.2	6.8	6.2	7.4	6.6	0.000	0.000	0.000	0.000
05:45:00	11.4	11.0	10.4	13.5	6.7	6.3	7.7	6.2	0.000	0.000	0.000	0.000
06:00:00	10.7	11.3	9.8	11.8	6.4	6.5	6.7	5.9	0.000	0.000	0.000	0.000
06:15:00	10.0	10.3	12.1	12.3	6.1	5.9	7.0	6.6	0.000	0.000	0.000	0.000
06:30:00	9.9	10.0	9.3	13.8	6.0	6.0	7.3	5.6	0.000	0.000	0.000	0.000
06:45:00	10.1	9.4	9.0	18.2	5.9	5.6	7.6	5.5	0.000	0.000	0.000	0.000
07:00:00	10.1	8.5	8.8	27.9	6.1	5.2	9.3	5.4	0.000	0.000	0.000	0.000
07:15:00	9.9	8.8	9.1	15.5	5.9	5.2	7.2	5.3	0.000	0.000	0.000	0.000
07:30:00	9.9	9.2	8.8	20.2	5.4	5.6	7.9	5.3	0.000	0.000	0.000	0.000
07:45:00	9.8	8.5	8.9	11.1	5.5	5.1	6.1	5.3	0.000	0.000	0.000	0.000
08:00:00	9.8	8.8	9.7	10.3	5.6	5.1	6.1	5.6	0.000	0.000	0.000	0.000
08:15:00	10.1	9.6	10.6	10.5	5.8	5.3	6.3	5.9	0.000	0.000	0.000	0.000
08:30:00	11.6	10.6	10.6	12.1	6.1	5.5	6.3	5.7	0.000	0.000	0.000	0.000
08:45:00	48.7	12.5	10.6	12.0	10.3	6.1	6.0	5.6	0.000	0.000	0.000	0.000
09:00:00	13.6	12.0	10.5	12.6	6.4	5.9	6.1	5.6	0.000	0.000	0.000	0.000
09:15:00	16.8	12.9	12.2	13.4	7.9	6.1	6.5	6.3	0.000	0.000	0.000	0.000
09:30:00	83.2	13.2	13.7	15.0	16.3	6.2	7.1	7.1	0.000	0.000	0.000	0.000
09:45:00	16.4	11.3	12.6	12.9	7.0	5.2	6.2	6.2	0.000	0.000	0.000	0.000
10:00:00	12.2	11.0	11.7	11.9	5.7	5.1	5.7	5.6	0.000	0.001	0.000	0.000
10:15:00	39.8	10.6	11.3	11.4	8.9	4.9	5.2	5.3	0.001	0.000	0.000	0.000
10:30:00	10.6	9.6	9.5	10.2	4.7	4.5	4.8	4.6	0.000	0.001	0.000	0.000
10:45:00	10.5	8.3	9.1	9.3	4.8	4.1	4.5	4.6	0.000	0.000	0.000	0.002
11:00:00	10.7	9.3	9.3	10.2	5.2	4.7	4.9	4.8	0.000	0.000	0.000	0.011
11:15:00	13.4	9.5	9.8	9.8	5.6	4.9	5.1	5.1	0.000	0.000	0.000	0.004
11:30:00	28.7	10.2	10.3	11.0	7.4	5.4	5.8	5.7	0.000	0.000	0.000	0.000
11:45:00	10.8	9.9	9.4	10.3	5.5	5.3	5.2	5.1	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	32.3	9.7	9.0	9.8	7.9	5.0	4.9	4.9	0.000	0.000	0.000	0.000
12:15:00	9.6	9.5	9.0	9.5	4.8	4.8	4.7	4.6	0.000	0.000	0.000	0.000
12:30:00	14.5	9.2	9.3	9.6	5.4	4.7	4.8	4.8	0.000	0.000	0.000	0.000
12:45:00	9.7	9.4	9.4	8.5	4.8	4.8	4.2	4.6	0.000	0.000	0.000	0.000
13:00:00	33.0	9.2	9.2	9.5	6.5	4.7	4.7	4.7	0.000	0.000	0.000	0.000
13:15:00	13.7	9.3	9.2	10.9	5.1	4.7	4.8	4.6	0.000	0.000	0.000	0.000
13:30:00	9.4	9.1	9.1	10.0	4.6	4.6	4.8	4.5	0.000	0.000	0.000	0.000
13:45:00	11.0	9.2	8.9	9.5	4.8	4.6	4.7	4.6	0.000	0.000	0.000	0.000
14:00:00	9.8	9.5	9.8	10.5	4.7	4.7	4.9	4.7	0.000	0.000	0.000	0.000
14:15:00	9.8	9.5	8.8	10.4	4.8	4.7	4.9	4.6	0.000	0.000	0.000	0.000
14:30:00	9.5	9.3	8.7	10.7	4.7	4.7	4.8	4.4	0.000	0.000	0.000	0.000
14:45:00	13.2	9.2	8.5	9.6	4.9	4.6	4.6	4.3	0.000	0.000	0.000	0.000
15:00:00	9.5	9.0	8.3	8.6	4.4	4.4	4.3	4.1	0.000	0.000	0.000	0.000
15:15:00	8.5	8.6	8.4	8.3	4.2	4.2	4.1	4.1	0.000	0.000	0.000	0.000
15:30:00	20.3	8.4	8.2	8.2	5.4	4.2	4.2	4.1	0.000	0.000	0.000	0.000
15:45:00	8.1	8.0	7.9	8.0	3.9	4.0	4.0	3.9	0.000	0.000	0.000	0.000
16:00:00	16.8	8.2	7.8	7.9	5.1	4.0	4.0	4.0	0.000	0.000	0.000	0.000
16:15:00	8.4	8.2	7.9	7.9	4.0	4.0	4.0	3.9	0.000	0.000	0.000	0.000
16:30:00	8.5	8.0	7.5	7.8	4.1	3.9	3.9	3.8	0.000	0.000	0.000	0.000
16:45:00	8.9	8.3	8.2	8.2	4.1	4.0	4.0	4.0	0.000	0.000	0.000	0.000
17:00:00	8.8	8.7	7.8	8.1	4.2	4.1	4.0	3.9	0.000	0.000	0.000	0.000
17:15:00	13.8	8.6	8.2	8.0	4.9	4.0	4.0	3.9	0.000	0.000	0.000	0.000
17:30:00	8.6	8.4	8.1	8.2	4.1	4.0	4.1	3.9	0.000	0.000	0.000	0.000
17:45:00	9.1	8.7	8.3	8.1	4.2	4.2	4.0	4.0	0.000	0.000	0.000	0.000
18:00:00	16.0	8.7	8.3	8.5	5.2	4.1	4.1	4.0	0.000	0.000	0.000	0.000
18:15:00	9.1	8.6	8.3	8.1	4.2	4.1	4.1	4.1	0.000	0.000	0.000	0.000
18:30:00	19.6	8.6	8.3	8.2	5.9	4.1	4.0	4.0	0.000	0.000	0.000	0.000
18:45:00	10.9	9.1	8.6	8.6	4.5	4.2	4.1	4.1	0.000	0.000	0.000	0.000
19:00:00	56.9	9.2	8.8	8.5	10.1	4.2	4.1	4.1	0.000	0.000	0.000	0.000
19:15:00	9.4	9.5	8.7	8.5	4.4	4.2	4.1	4.1	0.000	0.001	0.000	0.003
19:30:00	9.7	9.8	8.7	8.9	4.4	4.3	4.2	4.0	0.012	0.002	0.000	0.016
19:45:00	23.1	9.7	8.8	8.8	6.3	4.3	4.2	4.2	0.034	0.002	0.000	0.023
20:00:00	13.7	9.2	9.0	9.3	5.0	4.2	4.3	4.2	0.054	0.004	0.000	0.031
20:15:00	9.9	9.4	9.0	9.7	4.4	4.2	4.3	4.2	0.066	0.004	0.016	0.034
20:30:00	10.7	9.3	10.3	10.7	4.7	4.3	4.7	4.8	0.076	0.004	0.041	0.037
20:45:00	11.8	9.5	12.0	13.7	5.0	4.4	5.4	5.2	0.083	0.005	0.056	0.039
21:00:00	17.5	9.5	10.2	11.3	6.0	4.5	4.9	4.8	0.088	0.004	0.067	0.039
21:15:00	12.9	10.1	9.8	10.3	5.3	4.6	4.8	4.6	0.091	0.005	0.073	0.039
21:30:00	12.0	10.3	9.0	10.5	5.2	4.7	4.9	4.4	0.090	0.004	0.081	0.038
21:45:00	11.4	9.9	8.8	10.8	5.1	4.7	4.9	4.4	0.089	0.005	0.086	0.036
22:00:00	11.4	10.0	9.9	10.8	5.1	4.7	4.9	4.7	0.089	0.004	0.089	0.035
22:15:00	11.1	10.2	10.2	10.7	5.1	4.8	5.0	4.7	0.088	0.003	0.087	0.031
22:30:00	11.2	10.3	10.0	10.3	5.1	4.9	4.9	4.8	0.085	0.003	0.086	0.028
22:45:00	11.0	10.4	10.0	10.1	5.2	5.0	5.0	4.7	0.079	0.003	0.085	0.022
23:00:00	10.7	10.5	10.0	10.6	5.2	5.2	5.1	4.8	0.074	0.002	0.084	0.018
23:15:00	10.7	10.5	10.5	10.7	5.3	5.3	5.2	5.0	0.068	0.002	0.079	0.016
23:30:00	10.3	10.4	9.8	10.5	5.3	5.2	5.2	4.9	0.062	0.001	0.074	0.010
23:45:00	10.1	10.2	9.8	10.7	5.1	5.1	5.3	5.0	0.052	0.000	0.069	0.005



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

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