



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-22

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 5.906	2943 SE	3061 SW	2996 WSW	2997 SW	Min : 53.06 Max : 92.30	Min : 29.00 Max : 88.30	Min : 29.97 Max : 30.29

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	18.0	76.9	10.0	17.9	0.011	0.112
2996	14.1	24.5	9.2	15.7	0.021	0.111
2997	15.0	25.3	10.2	17.1	0.004	0.052
3061	14.0	20.8	9.7	16.4	0.001	0.010



Figure 1 : Monitoring Locations

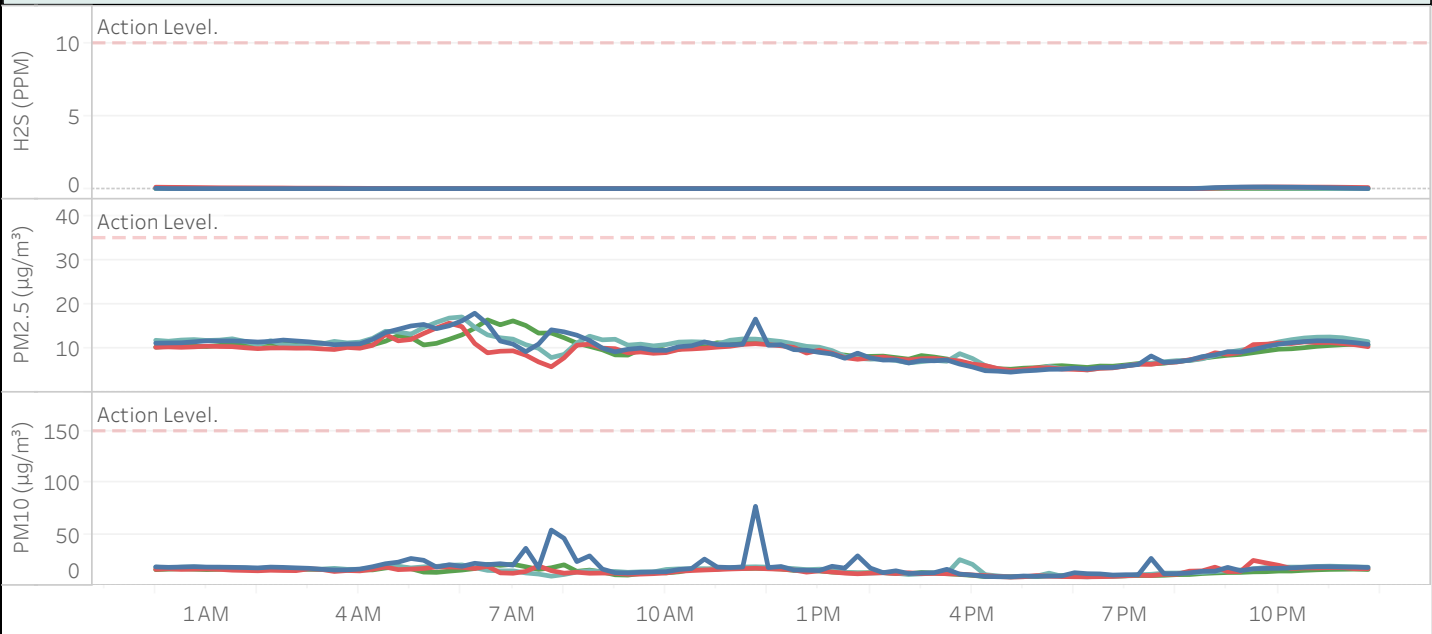


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

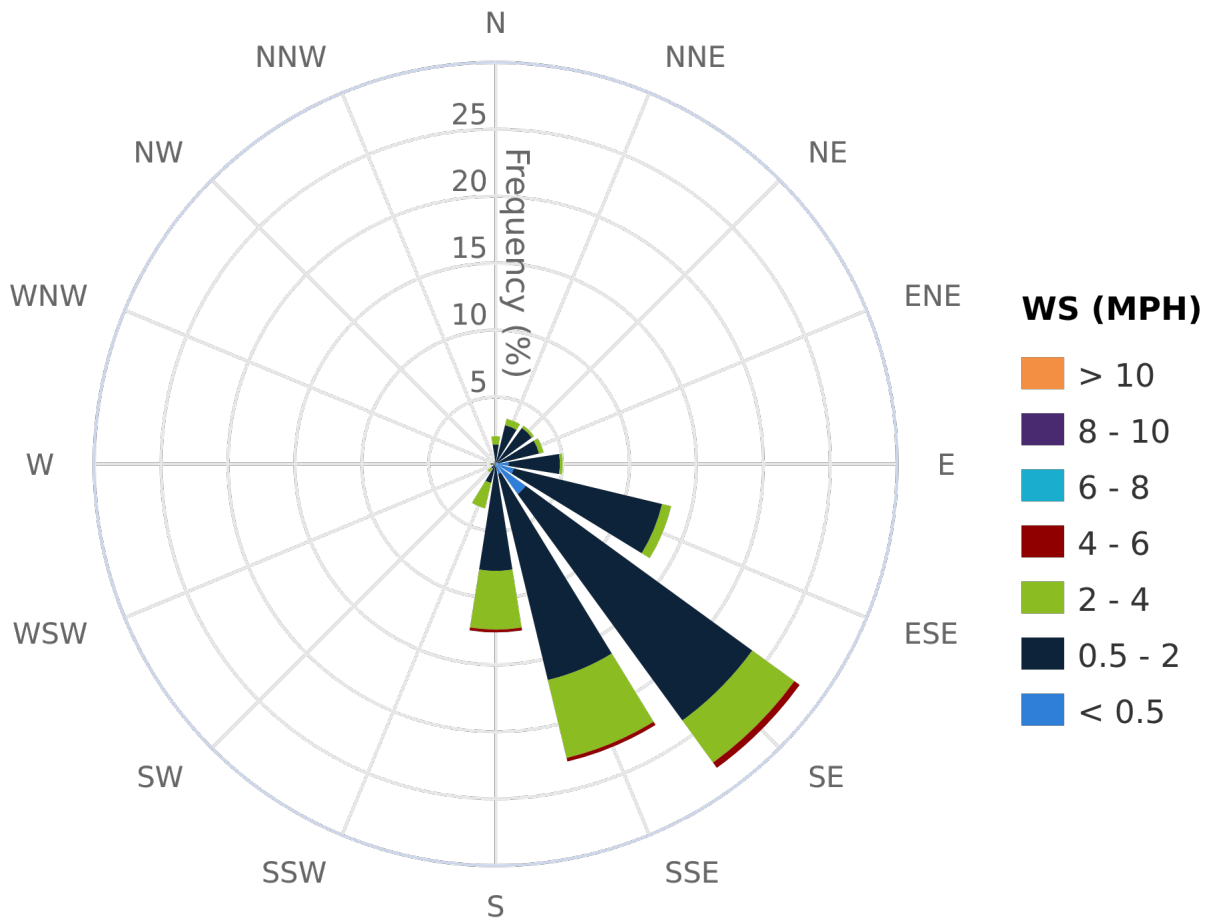


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

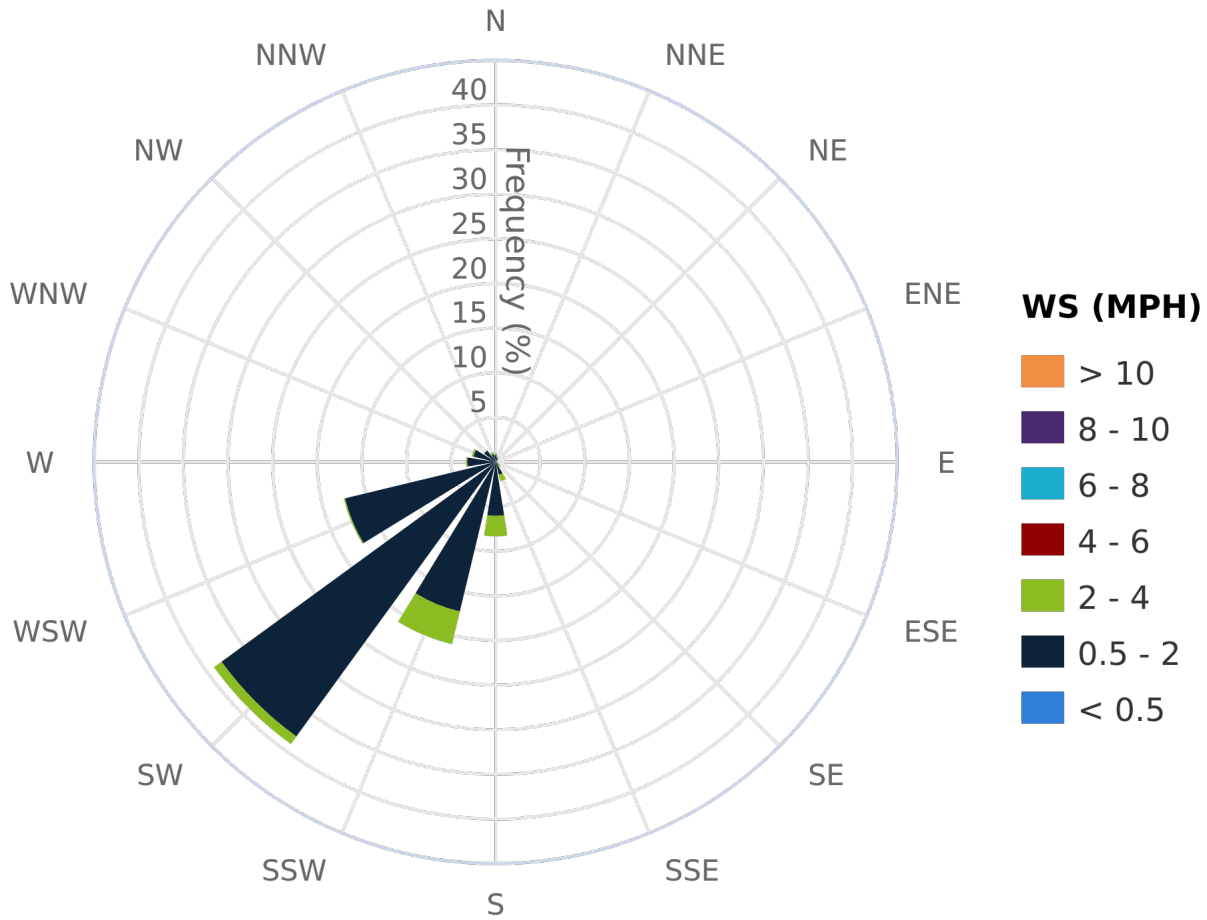


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

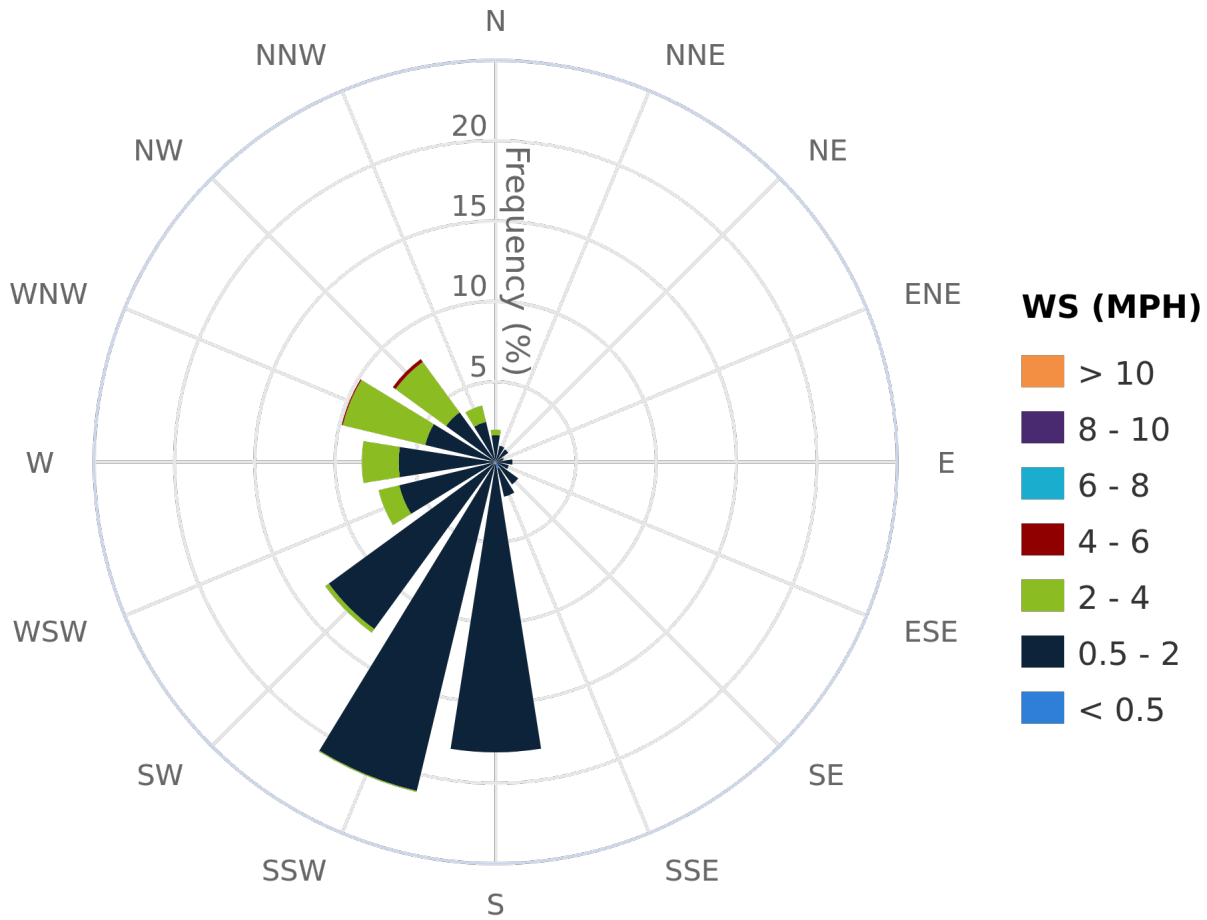


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

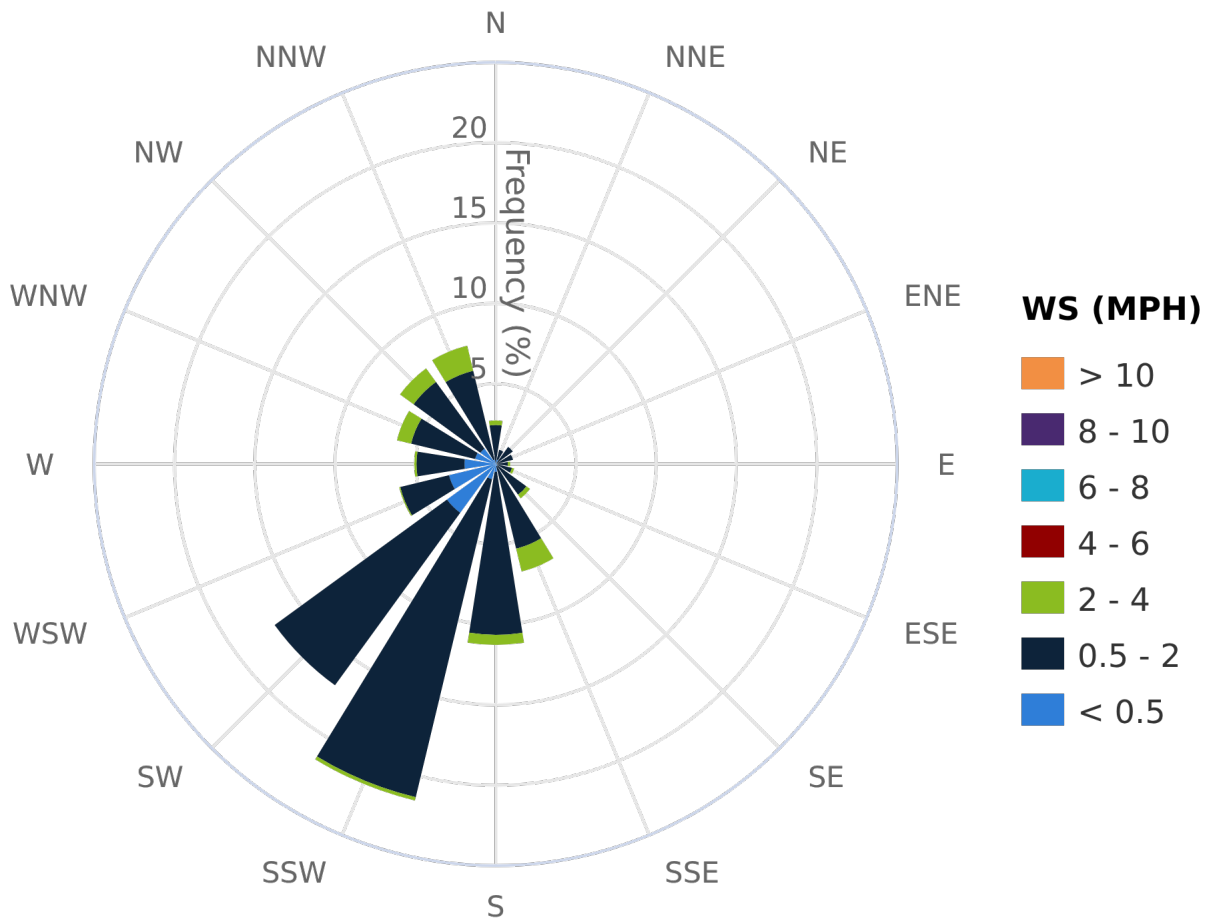


Figure 3 : Wind Rose Chart (WS in MPH)



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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	18.3	15.6	18.1	15.9	11.2	10.3	10.3	11.8	0.020	0.001	0.097	0.000
00:15:00	17.9	16.1	17.3	16.5	11.2	10.5	10.3	11.6	0.005	0.000	0.088	0.000
00:30:00	18.1	16.5	18.0	15.9	11.3	10.5	10.2	11.9	0.000	0.000	0.082	0.000
00:45:00	18.5	16.1	18.3	16.1	11.5	10.5	10.3	12.0	0.000	0.000	0.074	0.000
01:00:00	18.1	15.7	17.7	16.3	11.7	10.4	10.5	11.8	0.000	0.000	0.065	0.000
01:15:00	18.0	16.0	17.9	15.9	11.7	10.7	10.4	11.9	0.000	0.000	0.056	0.000
01:30:00	17.9	16.7	17.4	15.1	11.7	10.9	10.4	12.2	0.000	0.000	0.052	0.000
01:45:00	17.7	16.7	17.3	14.8	11.6	11.1	10.1	11.6	0.000	0.000	0.049	0.000
02:00:00	17.3	16.5	16.5	14.5	11.4	11.1	9.9	10.9	0.000	0.000	0.046	0.000
02:15:00	18.1	17.1	17.7	15.0	11.6	11.1	10.1	11.7	0.000	0.000	0.044	0.000
02:30:00	17.8	16.1	15.8	14.8	11.9	11.0	10.1	10.8	0.000	0.000	0.041	0.000
02:45:00	17.3	16.3	16.0	14.6	11.7	11.2	10.0	10.6	0.000	0.000	0.032	0.000
03:00:00	16.9	15.8	16.0	16.4	11.5	11.2	10.1	10.9	0.000	0.000	0.031	0.000
03:15:00	15.9	15.7	16.2	15.8	11.2	11.2	9.9	11.0	0.000	0.000	0.030	0.000
03:30:00	15.3	15.4	16.9	13.8	10.8	11.0	9.7	11.6	0.000	0.000	0.027	0.000
03:45:00	15.4	15.2	15.9	14.8	11.0	10.8	10.2	11.2	0.000	0.000	0.022	0.000
04:00:00	16.2	15.4	16.0	14.4	11.0	10.9	10.0	11.4	0.000	0.000	0.019	0.000
04:15:00	18.4	15.4	17.2	15.9	12.0	10.8	10.7	12.3	0.000	0.000	0.014	0.000
04:30:00	21.3	17.2	18.9	18.1	13.6	11.6	13.1	13.9	0.000	0.000	0.008	0.000
04:45:00	22.9	18.6	18.8	15.6	14.3	12.9	11.7	13.7	0.000	0.000	0.002	0.000
05:00:00	26.4	16.5	17.3	16.1	15.1	12.5	12.0	13.2	0.000	0.000	0.000	0.000
05:15:00	24.7	13.2	18.3	16.7	15.4	10.8	13.4	14.7	0.000	0.000	0.000	0.000
05:30:00	18.1	13.0	18.8	18.2	14.5	11.1	14.6	15.9	0.000	0.000	0.000	0.000
05:45:00	20.4	14.2	19.9	18.2	15.1	12.1	15.7	16.9	0.000	0.000	0.000	0.000
06:00:00	18.8	15.2	20.2	17.9	16.2	13.1	14.9	17.1	0.000	0.000	0.000	0.000
06:15:00	21.8	16.7	17.5	16.7	17.9	14.6	11.1	14.8	0.000	0.000	0.000	0.000
06:30:00	20.5	20.7	14.9	18.9	15.6	16.4	9.0	13.1	0.000	0.000	0.000	0.000
06:45:00	21.4	19.8	14.4	12.5	11.7	15.3	9.4	12.4	0.000	0.000	0.000	0.000
07:00:00	20.0	20.8	14.5	12.1	11.0	16.2	9.4	12.1	0.000	0.000	0.000	0.000
07:15:00	36.3	18.4	12.4	13.9	9.3	15.2	8.5	10.8	0.000	0.000	0.000	0.000
07:30:00	17.6	15.8	11.3	19.2	11.0	13.5	6.9	10.0	0.000	0.000	0.000	0.000
07:45:00	54.0	17.4	9.3	14.6	14.2	13.5	5.8	7.9	0.000	0.000	0.000	0.000
08:00:00	46.0	20.3	10.9	12.2	13.7	12.4	7.9	8.6	0.000	0.000	0.000	0.000
08:15:00	23.4	14.0	13.3	13.1	13.0	11.2	10.7	11.2	0.000	0.000	0.000	0.000
08:30:00	29.0	15.2	14.5	12.1	11.8	10.5	11.0	12.8	0.000	0.000	0.000	0.000
08:45:00	16.2	13.4	13.5	12.3	10.1	9.7	10.1	11.9	0.000	0.000	0.000	0.000
09:00:00	12.7	10.6	13.9	12.2	9.2	8.5	9.9	12.1	0.000	0.000	0.000	0.000
09:15:00	12.5	10.3	13.0	11.2	9.8	8.5	9.0	10.7	0.000	0.000	0.000	0.000
09:30:00	13.1	11.8	13.5	11.3	10.1	9.8	9.2	11.0	0.000	0.000	0.000	0.000
09:45:00	13.4	13.1	13.4	11.7	9.6	10.3	8.9	10.6	0.000	0.000	0.000	0.000
10:00:00	13.7	12.5	15.8	12.4	9.6	9.5	9.1	10.9	0.000	0.000	0.000	0.000
10:15:00	15.8	13.5	16.4	14.1	10.4	9.8	9.8	11.4	0.000	0.000	0.000	0.000
10:30:00	16.7	15.7	16.4	14.7	10.6	10.6	9.9	11.5	0.000	0.000	0.000	0.000
10:45:00	25.8	15.8	16.6	15.3	11.5	10.6	10.0	11.4	0.000	0.000	0.000	0.000
11:00:00	18.1	16.8	15.9	15.7	10.9	11.3	10.3	10.9	0.000	0.000	0.000	0.000
11:15:00	17.7	16.6	17.6	16.2	10.8	11.1	10.5	11.8	0.000	0.000	0.000	0.000
11:30:00	18.2	16.7	18.1	16.6	10.9	11.2	10.9	12.1	0.000	0.000	0.000	0.000
11:45:00	76.9	16.9	18.4	16.9	16.6	11.4	11.1	12.1	0.004	0.000	0.000	0.002



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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	17.6	16.8	18.0	16.4	10.7	11.1	10.8	11.9	0.000	0.000	0.000	0.008
12:15:00	18.7	16.2	17.4	16.0	10.8	11.0	10.6	11.6	0.000	0.000	0.000	0.006
12:30:00	15.3	14.9	16.6	15.3	9.7	10.3	10.2	11.0	0.000	0.000	0.000	0.008
12:45:00	15.1	15.1	15.6	13.2	9.6	10.3	8.9	10.5	0.000	0.000	0.000	0.004
13:00:00	14.7	14.4	16.1	14.4	9.1	9.8	9.6	10.3	0.000	0.000	0.000	0.000
13:15:00	18.9	13.3	15.7	13.3	8.7	8.7	8.9	9.5	0.000	0.000	0.000	0.000
13:30:00	17.1	12.7	13.1	12.2	7.8	8.5	7.9	8.2	0.000	0.000	0.000	0.000
13:45:00	29.0	12.4	12.5	11.6	8.9	8.1	7.5	7.7	0.000	0.000	0.000	0.000
14:00:00	17.1	12.7	12.3	12.2	7.8	8.2	7.8	7.6	0.000	0.000	0.000	0.000
14:15:00	12.7	12.7	12.8	12.6	7.4	8.3	8.0	7.6	0.000	0.000	0.000	0.000
14:30:00	14.5	12.0	12.1	11.8	7.4	7.9	7.6	7.3	0.000	0.000	0.000	0.000
14:45:00	11.8	11.7	10.9	12.6	6.7	7.6	7.4	6.7	0.000	0.000	0.000	0.000
15:00:00	12.4	12.8	11.5	11.7	7.3	8.4	7.7	7.0	0.000	0.000	0.000	0.000
15:15:00	12.7	12.3	12.2	12.0	7.2	8.0	7.7	7.3	0.000	0.000	0.000	0.000
15:30:00	16.0	11.6	11.9	11.7	7.4	7.6	7.4	7.1	0.000	0.000	0.000	0.000
15:45:00	11.2	10.9	25.3	11.3	6.5	7.0	7.2	8.8	0.000	0.000	0.000	0.000
16:00:00	10.4	10.1	20.7	10.4	5.8	6.4	6.5	7.7	0.000	0.000	0.000	0.000
16:15:00	9.0	8.9	10.8	9.9	5.0	5.6	6.1	6.1	0.000	0.000	0.000	0.000
16:30:00	8.8	8.8	9.5	8.9	4.8	5.4	5.4	5.4	0.000	0.000	0.000	0.000
16:45:00	8.7	8.8	8.5	8.4	4.6	5.3	5.0	5.0	0.000	0.000	0.000	0.000
17:00:00	9.5	8.9	8.8	8.7	4.9	5.5	5.2	5.1	0.000	0.000	0.000	0.000
17:15:00	9.2	8.9	9.3	9.8	5.0	5.6	5.6	5.3	0.000	0.000	0.000	0.000
17:30:00	9.4	9.7	12.2	9.2	5.3	6.0	5.6	6.0	0.000	0.000	0.000	0.000
17:45:00	9.6	9.8	9.2	8.9	5.3	6.1	5.3	5.4	0.000	0.000	0.000	0.000
18:00:00	12.7	9.5	9.1	8.7	5.5	5.9	5.3	5.4	0.000	0.000	0.000	0.000
18:15:00	11.7	9.2	8.6	8.7	5.4	5.7	5.2	5.1	0.000	0.000	0.000	0.000
18:30:00	11.5	9.3	9.3	8.8	5.7	6.0	5.5	5.5	0.000	0.000	0.000	0.000
18:45:00	10.4	9.3	9.4	9.1	5.7	6.0	5.6	5.6	0.000	0.000	0.000	0.000
19:00:00	10.7	9.6	9.7	9.7	6.1	6.2	6.0	6.0	0.000	0.000	0.000	0.000
19:15:00	10.7	9.9	10.7	10.3	6.4	6.6	6.4	6.5	0.000	0.000	0.000	0.000
19:30:00	26.5	9.9	11.1	9.9	8.3	6.5	6.4	6.7	0.000	0.000	0.000	0.000
19:45:00	11.7	10.1	12.3	11.0	6.8	6.6	6.8	7.0	0.000	0.000	0.000	0.000
20:00:00	11.7	10.8	12.3	11.1	7.0	7.0	6.9	7.2	0.000	0.002	0.000	0.000
20:15:00	12.5	10.9	12.5	14.2	7.3	7.3	7.4	7.2	0.000	0.005	0.000	0.008
20:30:00	14.0	11.9	12.9	14.4	8.1	7.8	7.9	7.6	0.021	0.008	0.001	0.027
20:45:00	14.1	12.4	13.8	18.0	8.5	8.1	9.0	8.4	0.066	0.010	0.033	0.041
21:00:00	17.8	12.9	14.5	13.8	9.3	8.4	8.7	9.1	0.091	0.010	0.067	0.048
21:15:00	14.7	12.9	15.3	13.8	9.2	8.6	9.1	9.6	0.106	0.010	0.090	0.051
21:30:00	16.4	13.5	16.4	24.5	9.7	9.0	10.9	10.1	0.112	0.010	0.099	0.052
21:45:00	16.8	13.6	17.7	22.1	10.4	9.4	10.9	10.8	0.111	0.009	0.107	0.046
22:00:00	16.9	14.3	18.0	19.8	11.0	9.8	11.2	11.5	0.102	0.008	0.111	0.038
22:15:00	17.3	14.3	18.1	16.6	11.3	9.9	11.1	12.0	0.096	0.007	0.109	0.032
22:30:00	18.0	15.0	18.1	17.3	11.5	10.2	11.5	12.3	0.088	0.006	0.105	0.025
22:45:00	18.4	15.5	18.7	17.3	11.7	10.5	11.3	12.5	0.074	0.004	0.103	0.017
23:00:00	18.4	15.8	19.0	17.6	11.7	10.7	11.3	12.6	0.057	0.002	0.100	0.006
23:15:00	18.2	16.0	18.7	17.6	11.5	10.8	11.1	12.4	0.038	0.002	0.092	0.000
23:30:00	18.1	16.1	18.3	16.5	11.3	10.9	10.8	12.0	0.020	0.000	0.082	0.000
23:45:00	17.7	15.7	18.0	16.5	10.9	10.7	10.4	11.5	0.005	0.000	0.073	0.000



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

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