



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-26

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.331	2943 SE	3061 W	2996 WSW	2997 NE	Min : 60.80 Max : 96.44	Min : 38.50 Max : 88.90	Min : 29.75 Max : 30.23

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	11.0	27.0	5.5	11.3	0.033	0.160
2996	10.8	31.5	5.4	11.9	0.026	0.116
2997	11.1	27.2	5.4	12.2	0.009	0.060
3061	10.8	27.3	5.5	12.1	0.003	0.018



Figure 1 : Monitoring Locations

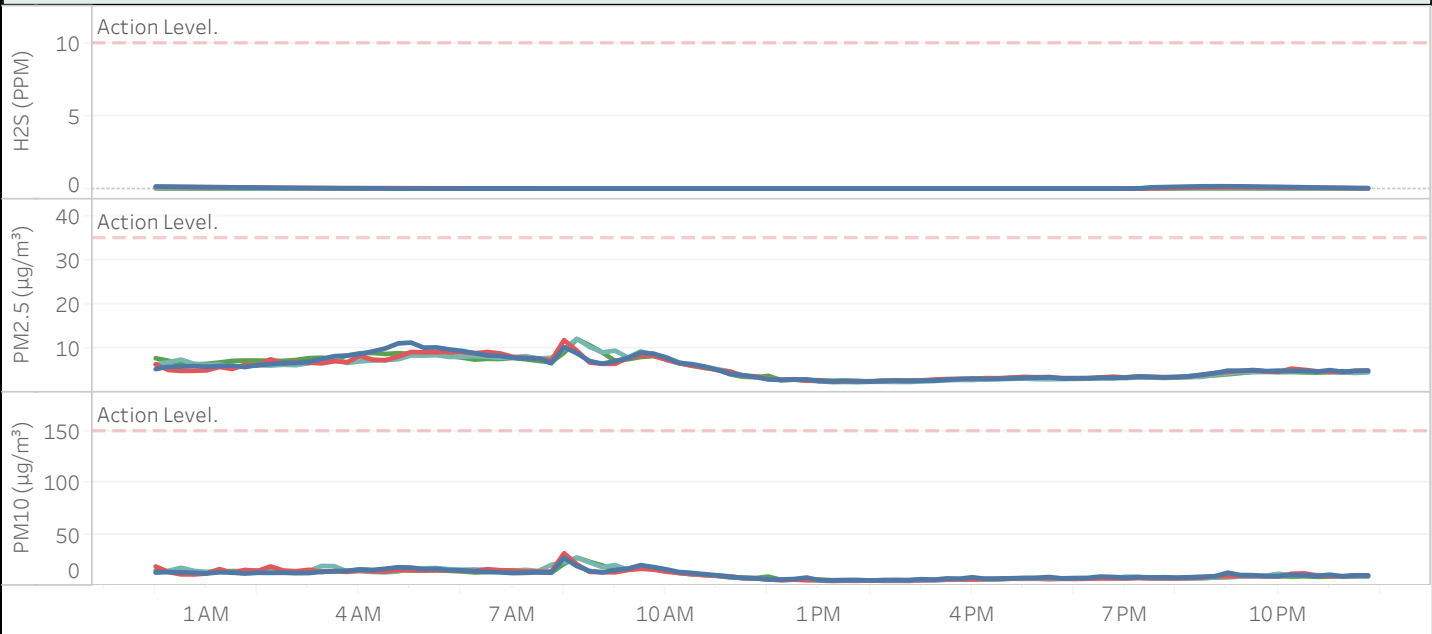


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

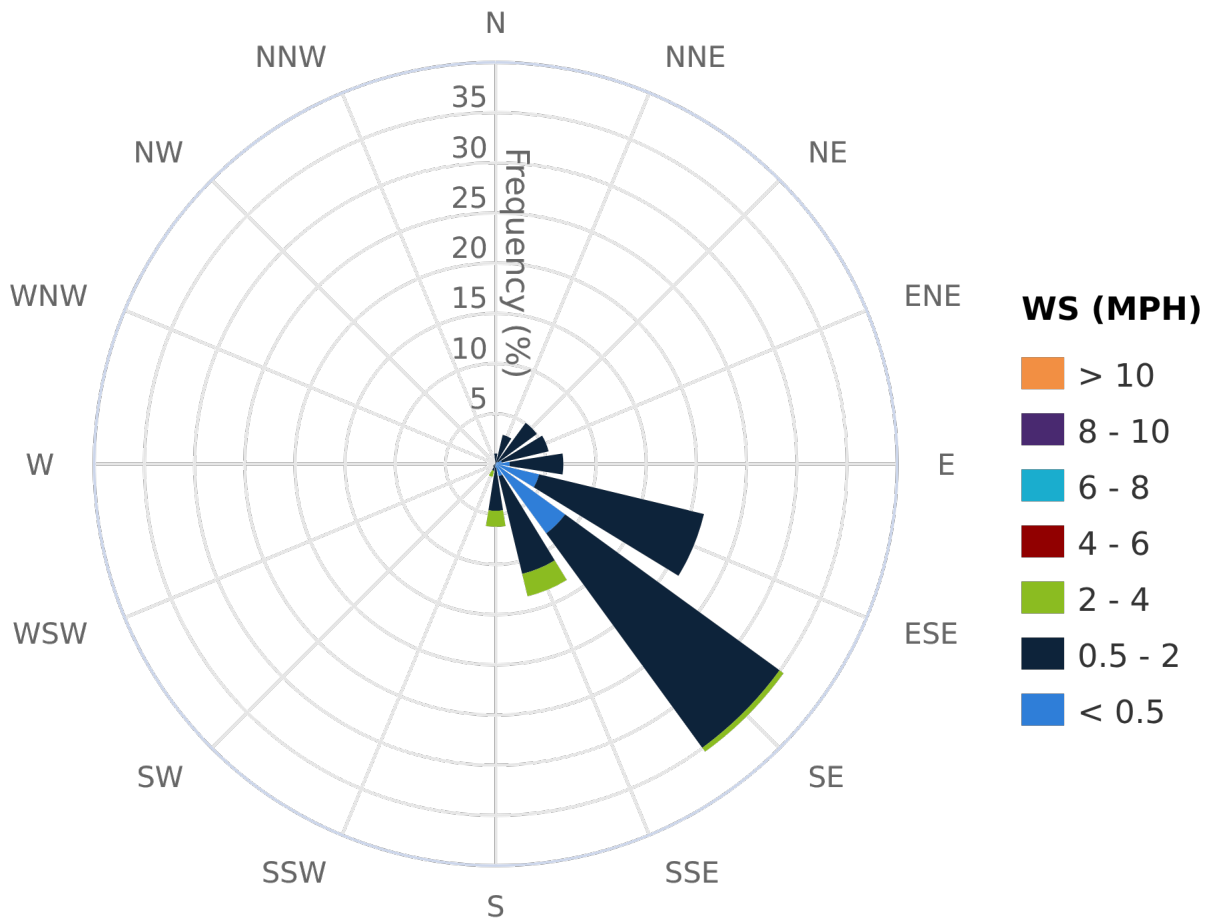


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

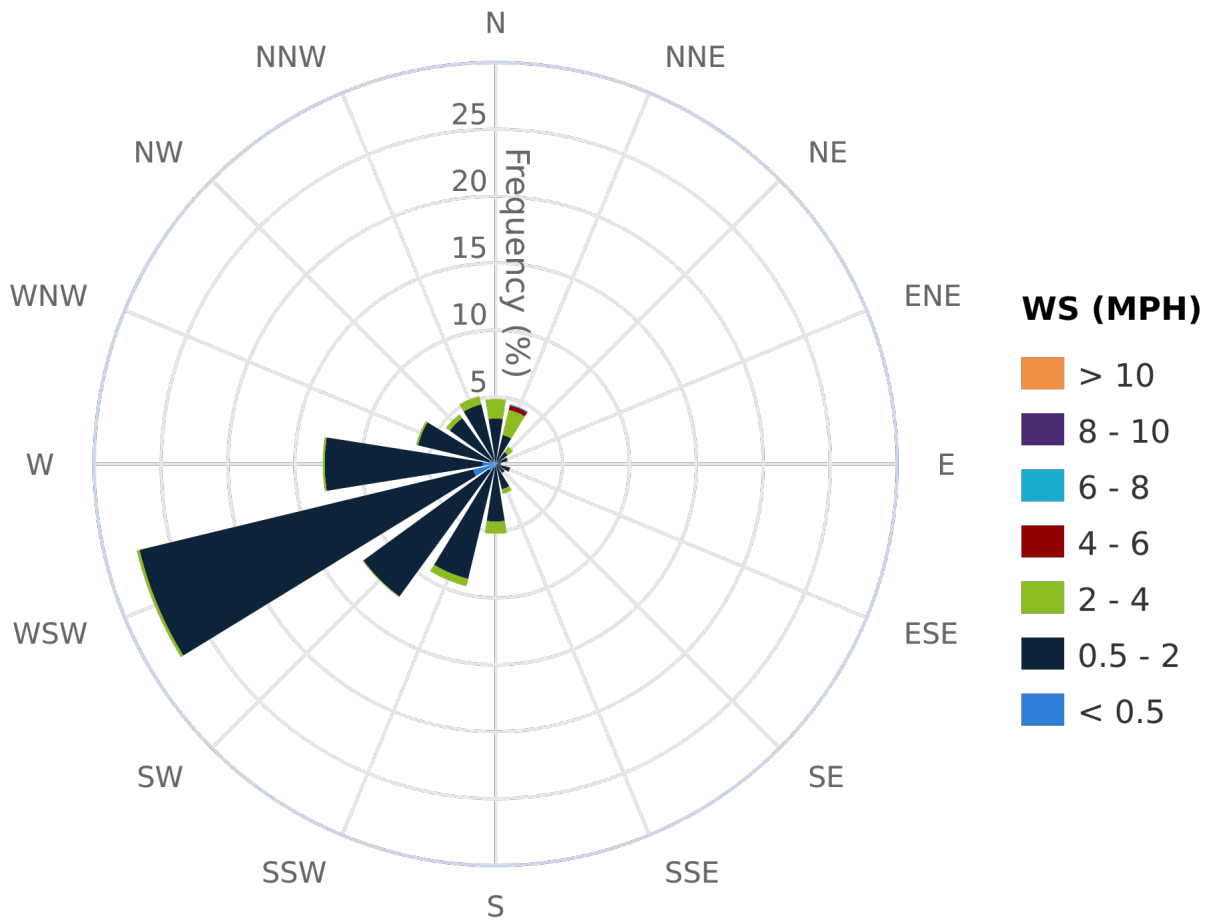


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

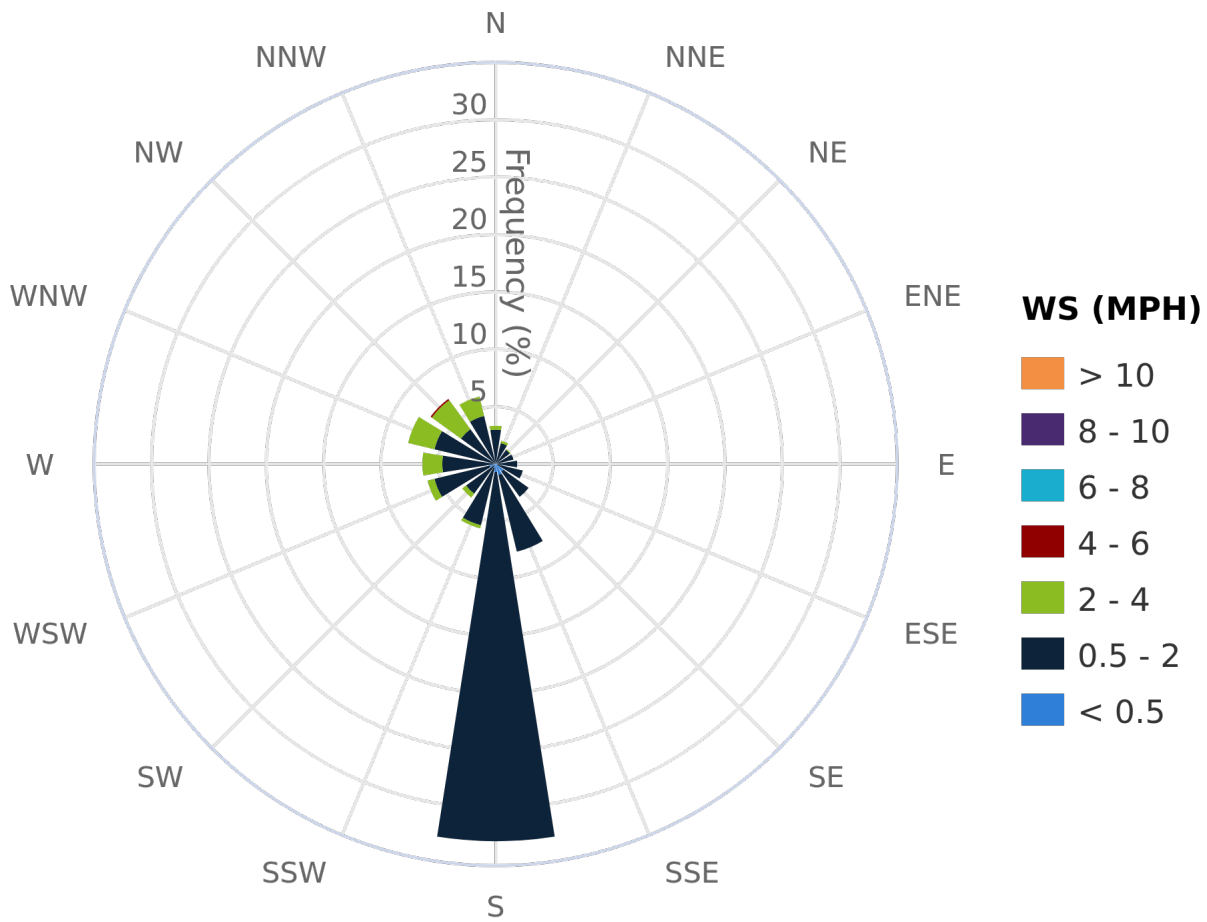


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

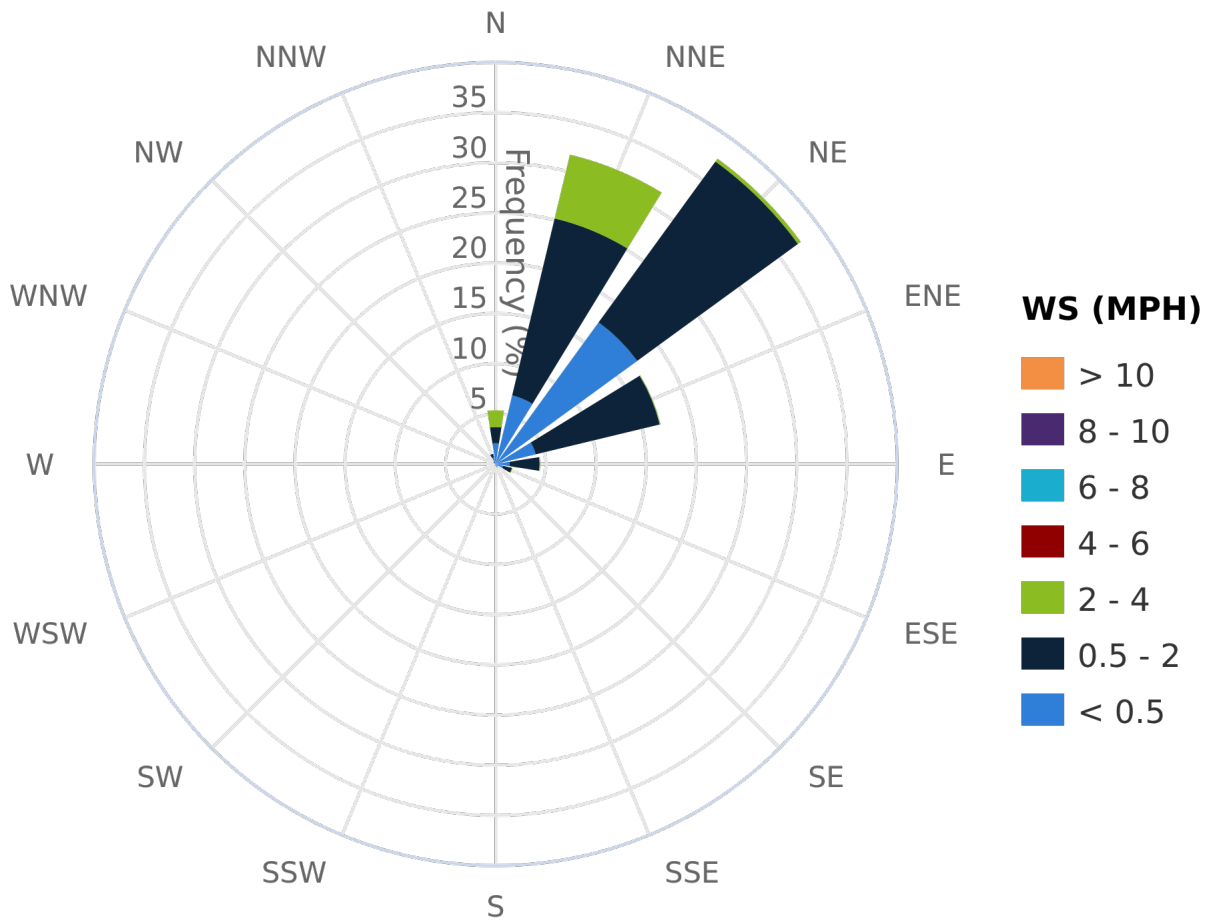


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.9	14.7	12.7	18.7	5.3	7.8	6.4	6.4	0.142	0.013	0.116	0.057
00:15:00	13.3	13.6	14.5	13.3	5.9	7.2	5.1	6.9	0.134	0.012	0.109	0.053
00:30:00	13.0	12.8	17.4	11.0	5.9	6.4	4.9	7.5	0.124	0.011	0.104	0.046
00:45:00	12.5	13.1	14.5	11.0	6.0	6.4	5.0	6.5	0.117	0.009	0.094	0.038
01:00:00	11.9	13.1	13.3	11.9	5.9	6.5	5.0	6.2	0.105	0.007	0.089	0.031
01:15:00	13.1	13.7	14.8	16.1	6.0	6.8	5.8	6.4	0.099	0.007	0.084	0.023
01:30:00	12.7	14.2	13.3	12.5	6.1	7.2	5.3	5.9	0.088	0.005	0.078	0.020
01:45:00	11.8	14.1	14.6	15.3	5.8	7.2	6.3	6.1	0.077	0.004	0.072	0.013
02:00:00	12.6	14.4	14.9	14.3	6.3	7.3	6.1	6.2	0.068	0.004	0.065	0.009
02:15:00	12.5	13.3	14.0	18.7	6.4	7.2	7.6	6.1	0.058	0.003	0.060	0.005
02:30:00	12.6	13.6	13.1	14.8	6.7	7.2	6.6	6.3	0.049	0.002	0.056	0.002
02:45:00	12.2	13.2	12.4	14.1	6.7	7.4	6.9	6.2	0.041	0.001	0.051	0.000
03:00:00	12.3	14.2	14.3	15.5	7.0	7.8	6.8	6.6	0.035	0.001	0.046	0.000
03:15:00	13.5	14.1	19.2	13.3	7.6	7.9	6.6	7.4	0.027	0.000	0.044	0.000
03:30:00	14.1	13.8	19.0	14.3	8.2	7.7	7.1	7.6	0.020	0.001	0.039	0.000
03:45:00	14.5	14.5	13.9	13.5	8.4	8.3	6.9	6.7	0.015	0.000	0.036	0.000
04:00:00	15.8	15.5	14.0	15.0	8.7	8.9	8.3	7.1	0.017	0.000	0.035	0.000
04:15:00	15.3	15.0	13.4	14.0	9.3	9.0	7.4	7.3	0.012	0.000	0.030	0.000
04:30:00	16.5	15.0	12.9	13.8	10.0	8.7	7.3	7.3	0.006	0.000	0.030	0.000
04:45:00	17.9	15.2	13.9	15.1	11.1	8.9	8.2	7.5	0.001	0.000	0.028	0.000
05:00:00	17.6	14.8	16.8	15.3	11.3	8.8	9.2	8.4	0.000	0.000	0.024	0.000
05:15:00	16.0	14.8	16.9	14.8	10.2	8.6	9.1	8.4	0.000	0.000	0.021	0.000
05:30:00	16.4	14.9	17.2	15.2	10.2	8.6	9.1	8.5	0.000	0.000	0.019	0.000
05:45:00	15.1	14.5	16.1	14.8	9.8	8.3	9.2	8.1	0.000	0.000	0.019	0.000
06:00:00	14.9	13.9	15.5	14.5	9.4	7.9	9.1	8.1	0.000	0.000	0.016	0.000
06:15:00	14.0	12.9	15.8	14.4	8.9	7.5	8.9	8.2	0.000	0.000	0.014	0.000
06:30:00	13.5	13.3	15.2	16.0	8.4	7.6	9.2	8.1	0.000	0.000	0.011	0.000
06:45:00	13.0	13.7	14.4	15.0	8.3	7.6	8.9	7.9	0.000	0.000	0.010	0.000
07:00:00	12.3	15.0	14.6	14.6	7.9	7.9	8.1	8.0	0.000	0.000	0.009	0.000
07:15:00	12.5	14.0	15.4	13.9	7.8	7.5	7.8	8.2	0.000	0.000	0.009	0.000
07:30:00	13.1	13.1	14.4	13.8	7.7	7.2	7.7	7.7	0.000	0.000	0.006	0.000
07:45:00	12.7	12.7	20.2	13.7	6.6	6.9	7.3	7.9	0.000	0.000	0.002	0.000
08:00:00	27.0	21.3	22.9	31.5	10.3	9.0	11.9	9.8	0.000	0.000	0.000	0.000
08:15:00	19.0	27.3	27.2	20.8	8.9	12.1	9.5	12.2	0.000	0.000	0.000	0.000
08:30:00	14.3	23.2	22.6	13.5	7.1	10.7	6.8	10.3	0.000	0.000	0.000	0.000
08:45:00	12.9	19.6	18.1	13.2	6.5	9.1	6.5	9.1	0.000	0.000	0.000	0.000
09:00:00	15.3	15.2	20.0	13.0	7.1	7.2	6.5	9.5	0.000	0.000	0.000	0.000
09:15:00	16.6	16.5	15.6	15.2	7.8	7.6	7.9	7.9	0.000	0.000	0.000	0.000
09:30:00	20.0	17.0	17.4	16.4	9.0	8.1	8.4	9.3	0.000	0.000	0.000	0.000
09:45:00	18.1	17.4	15.8	15.7	8.8	8.3	8.4	8.6	0.000	0.000	0.000	0.000
10:00:00	15.9	14.8	14.7	13.7	7.9	7.6	7.4	8.0	0.000	0.000	0.000	0.000
10:15:00	13.3	12.4	12.6	12.4	6.7	6.7	6.7	6.8	0.000	0.000	0.000	0.000
10:30:00	12.5	11.3	11.0	11.3	6.5	6.1	6.1	6.2	0.000	0.000	0.000	0.000
10:45:00	11.2	10.2	10.7	10.5	5.9	5.6	5.7	5.8	0.000	0.000	0.000	0.000
11:00:00	10.1	9.6	9.8	9.6	5.2	5.2	5.1	5.3	0.000	0.000	0.000	0.000
11:15:00	8.6	8.1	9.1	9.1	4.3	4.2	4.7	4.8	0.000	0.001	0.000	0.000
11:30:00	7.8	7.7	7.2	7.4	3.9	3.6	3.9	3.8	0.000	0.000	0.000	0.000
11:45:00	7.2	7.4	7.0	7.3	3.5	3.5	3.7	3.7	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	6.1	8.9	6.2	6.1	3.0	3.8	3.2	3.2	0.000	0.000	0.000	0.001
12:15:00	6.1	5.7	5.5	5.6	2.9	2.8	2.9	2.8	0.000	0.000	0.000	0.000
12:30:00	6.5	6.0	6.1	5.9	3.0	2.9	3.0	3.0	0.000	0.000	0.000	0.000
12:45:00	7.9	6.0	5.7	5.4	3.0	2.9	2.7	2.7	0.000	0.000	0.000	0.000
13:00:00	5.4	5.9	5.1	5.6	2.6	2.8	2.8	2.6	0.000	0.000	0.000	0.000
13:15:00	5.2	5.3	4.6	5.0	2.5	2.7	2.5	2.4	0.000	0.000	0.000	0.000
13:30:00	5.5	5.4	4.9	5.2	2.6	2.7	2.6	2.4	0.000	0.000	0.000	0.000
13:45:00	5.6	5.4	4.8	5.0	2.6	2.6	2.5	2.3	0.000	0.000	0.000	0.000
14:00:00	5.2	4.9	5.2	5.1	2.5	2.5	2.6	2.5	0.000	0.000	0.000	0.000
14:15:00	5.4	5.4	4.8	5.3	2.6	2.7	2.7	2.5	0.000	0.000	0.000	0.000
14:30:00	5.6	5.3	4.7	5.3	2.7	2.7	2.7	2.4	0.000	0.000	0.000	0.000
14:45:00	5.5	5.2	4.7	5.3	2.6	2.7	2.7	2.4	0.000	0.000	0.000	0.000
15:00:00	6.4	5.6	5.2	5.6	2.7	2.7	2.7	2.5	0.000	0.000	0.000	0.000
15:15:00	5.9	5.6	5.3	5.7	2.7	2.8	3.0	2.6	0.000	0.000	0.000	0.000
15:30:00	7.1	5.9	5.8	6.1	2.9	2.9	3.1	2.8	0.000	0.000	0.000	0.000
15:45:00	6.8	6.4	6.1	6.4	3.1	3.0	3.1	2.9	0.000	0.000	0.000	0.000
16:00:00	8.2	6.5	5.9	6.2	3.2	3.0	3.1	2.8	0.000	0.000	0.000	0.000
16:15:00	6.7	6.6	6.4	6.5	3.0	3.1	3.3	3.0	0.000	0.000	0.000	0.000
16:30:00	6.9	6.7	6.2	6.5	3.1	3.1	3.3	3.0	0.000	0.000	0.000	0.000
16:45:00	7.2	7.0	6.9	6.8	3.2	3.3	3.4	3.1	0.000	0.000	0.000	0.000
17:00:00	7.6	7.0	6.7	7.3	3.3	3.3	3.5	3.2	0.000	0.000	0.000	0.000
17:15:00	7.7	7.2	6.8	7.2	3.4	3.3	3.5	3.1	0.000	0.000	0.000	0.000
17:30:00	8.5	6.9	6.2	7.3	3.5	3.2	3.5	3.0	0.000	0.000	0.000	0.000
17:45:00	7.2	6.9	6.7	7.1	3.2	3.2	3.3	3.1	0.000	0.000	0.000	0.000
18:00:00	7.5	7.0	6.6	6.8	3.2	3.3	3.3	3.1	0.000	0.000	0.000	0.000
18:15:00	7.6	7.1	6.9	6.9	3.3	3.3	3.3	3.2	0.000	0.000	0.000	0.000
18:30:00	8.9	7.1	7.1	7.3	3.4	3.2	3.4	3.3	0.000	0.000	0.000	0.000
18:45:00	8.5	7.4	6.9	7.3	3.4	3.4	3.6	3.2	0.000	0.000	0.000	0.000
19:00:00	7.8	7.4	8.8	7.1	3.4	3.3	3.4	3.5	0.000	0.000	0.000	0.000
19:15:00	8.4	7.7	8.6	7.5	3.6	3.5	3.7	3.4	0.010	0.002	0.000	0.003
19:30:00	8.1	7.5	7.5	7.2	3.6	3.5	3.5	3.5	0.086	0.014	0.016	0.030
19:45:00	8.2	7.2	7.0	7.4	3.4	3.4	3.5	3.3	0.103	0.018	0.032	0.050
20:00:00	7.9	7.4	7.2	7.2	3.5	3.4	3.5	3.5	0.120	0.018	0.048	0.054
20:15:00	8.2	7.2	7.3	7.6	3.7	3.6	3.7	3.5	0.140	0.018	0.066	0.058
20:30:00	8.8	7.6	7.3	7.9	4.1	3.7	4.0	3.6	0.154	0.018	0.081	0.060
20:45:00	9.2	7.9	8.0	9.1	4.4	3.9	4.4	4.1	0.160	0.018	0.086	0.060
21:00:00	12.6	8.5	8.4	9.2	5.0	4.2	4.7	4.3	0.158	0.017	0.088	0.059
21:15:00	10.3	8.8	8.9	9.6	4.9	4.4	4.9	4.6	0.153	0.016	0.088	0.055
21:30:00	10.3	9.4	8.8	9.7	5.1	4.7	5.0	4.6	0.144	0.015	0.082	0.050
21:45:00	9.3	9.5	9.8	9.1	4.9	4.7	4.8	4.7	0.130	0.013	0.076	0.042
22:00:00	9.5	9.4	11.7	8.9	4.9	4.6	4.7	4.9	0.120	0.012	0.071	0.035
22:15:00	10.5	8.9	10.1	11.6	4.9	4.7	5.4	4.8	0.107	0.009	0.065	0.025
22:30:00	10.3	9.2	10.7	12.0	4.9	4.6	5.2	4.9	0.090	0.008	0.059	0.017
22:45:00	9.5	8.7	10.3	9.7	4.8	4.5	4.8	4.8	0.077	0.006	0.051	0.009
23:00:00	10.7	8.9	9.6	9.5	5.1	4.6	4.8	4.6	0.064	0.004	0.043	0.002
23:15:00	9.2	9.2	9.2	9.1	4.7	4.9	4.6	4.6	0.053	0.003	0.038	0.000
23:30:00	10.2	9.0	9.4	9.8	4.9	4.6	5.0	4.4	0.039	0.003	0.030	0.000
23:45:00	10.1	9.3	8.7	9.8	5.0	4.7	5.0	4.6	0.030	0.001	0.026	0.000



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

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