



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-12

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 7.494	2943 SE	3061 SSW	2996 SW	2997 NNE	Min : 72.86 Max : 103.8	Min : 41.40 Max : 86.90	Min : 29.86 Max : 30.09

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	13.1	37.6	5.7	10.0	0.015	0.120
2996	11.8	23.3	5.8	13.1	0.011	0.098
2997	27.0	149.1	6.7	15.9	0.005	0.040
3061	10.9	16.0	5.5	9.2	0.002	0.013



Figure 1 : Monitoring Locations

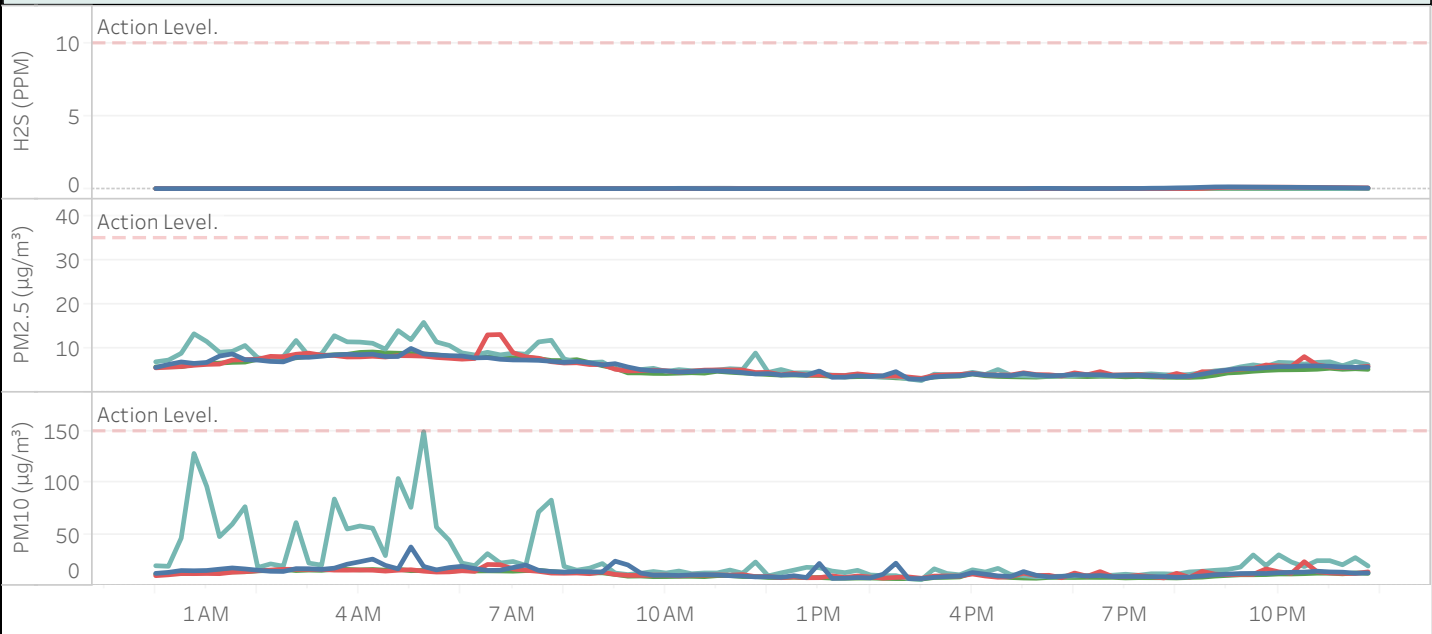


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

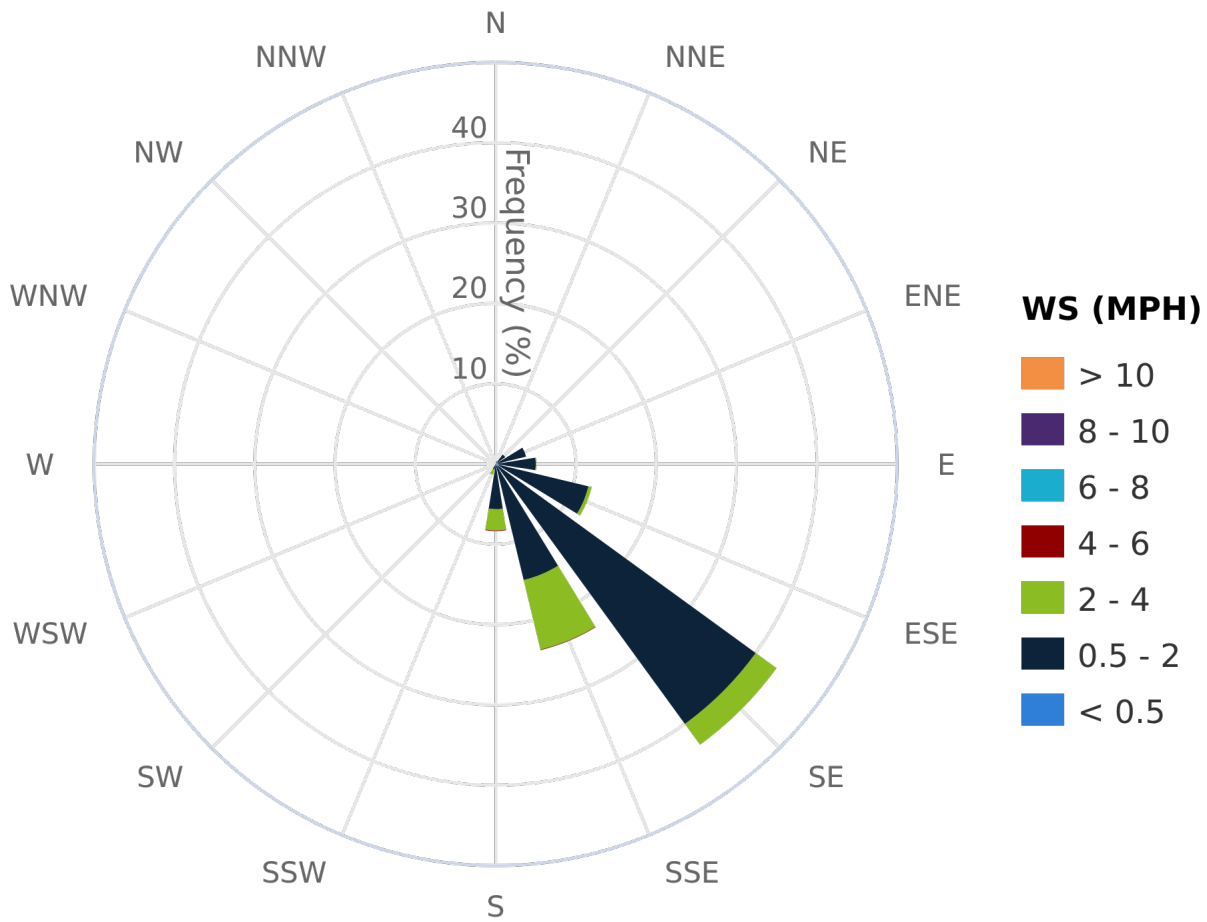


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

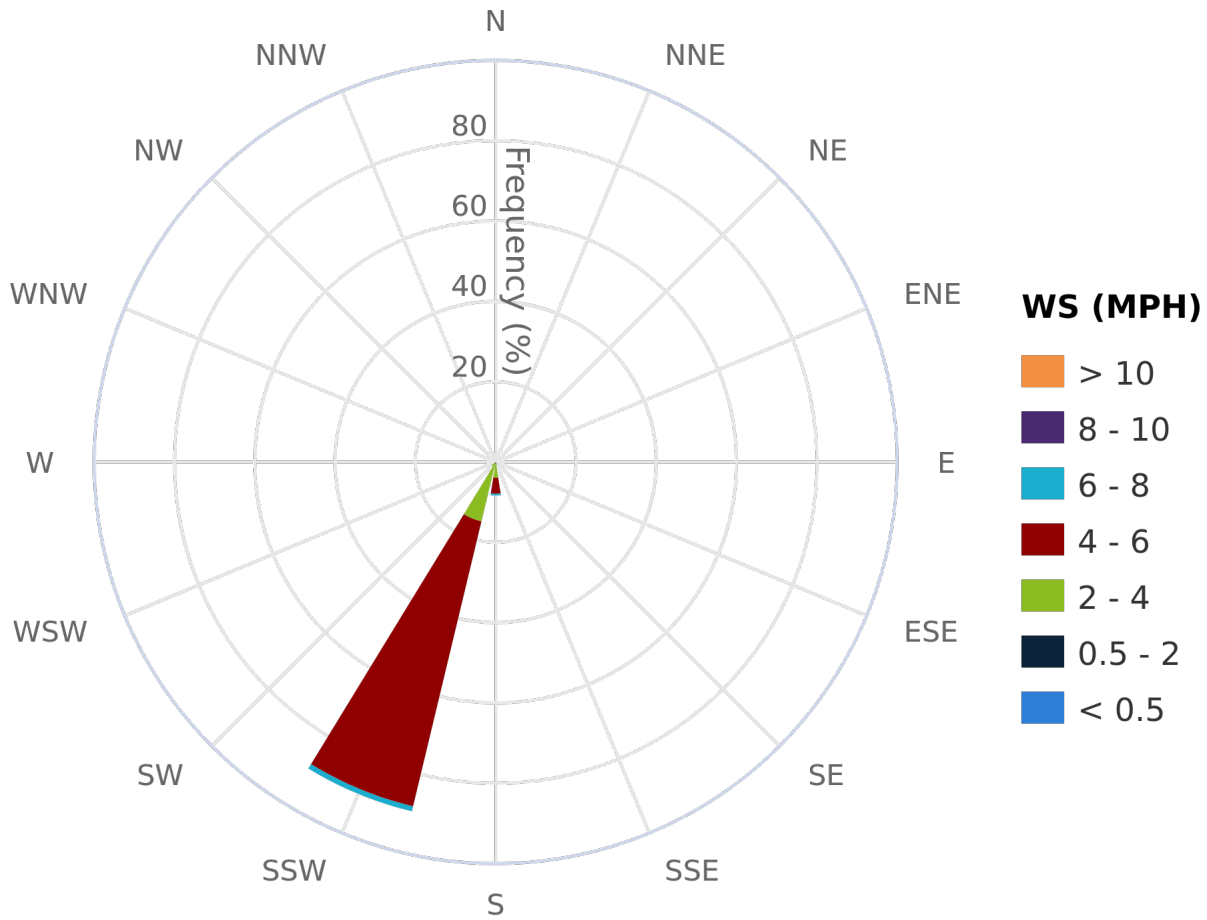


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

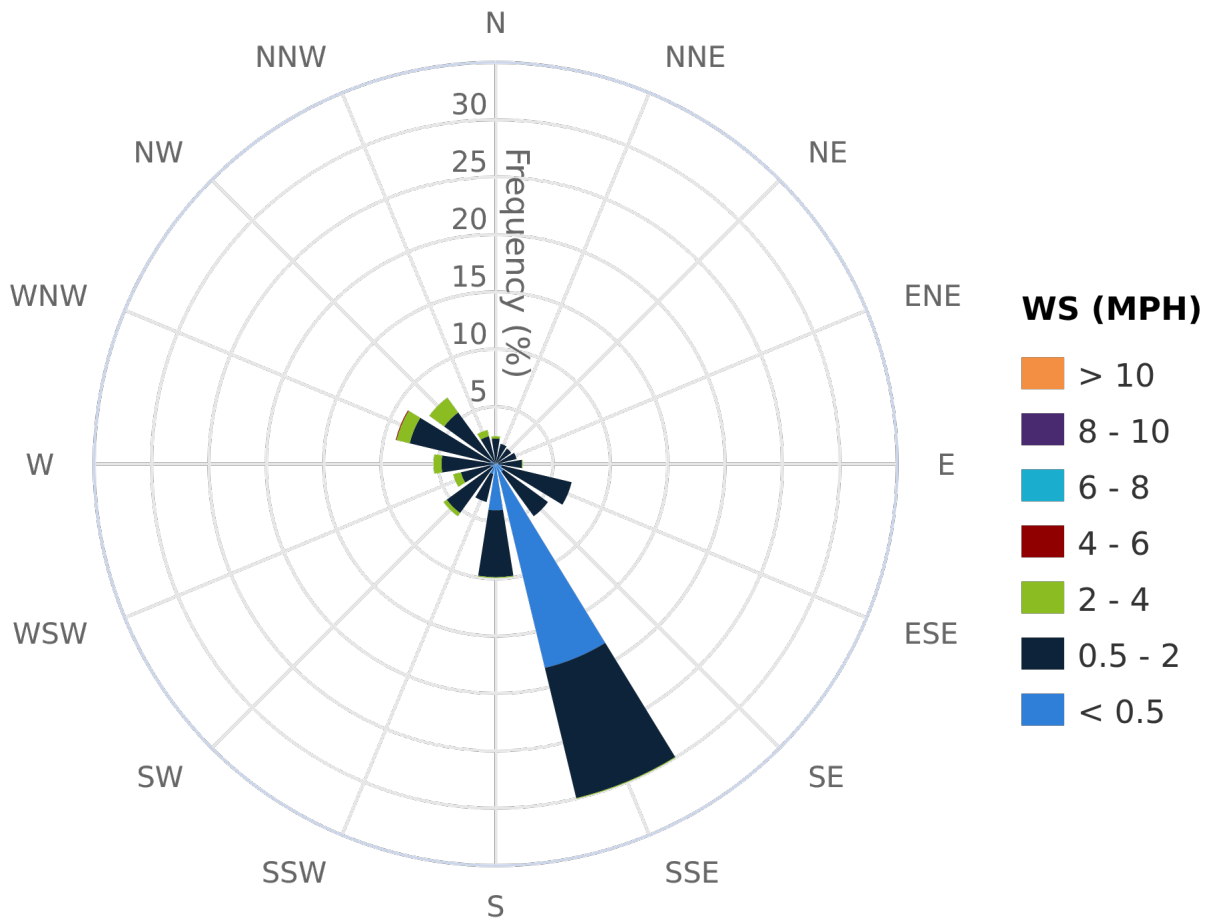


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

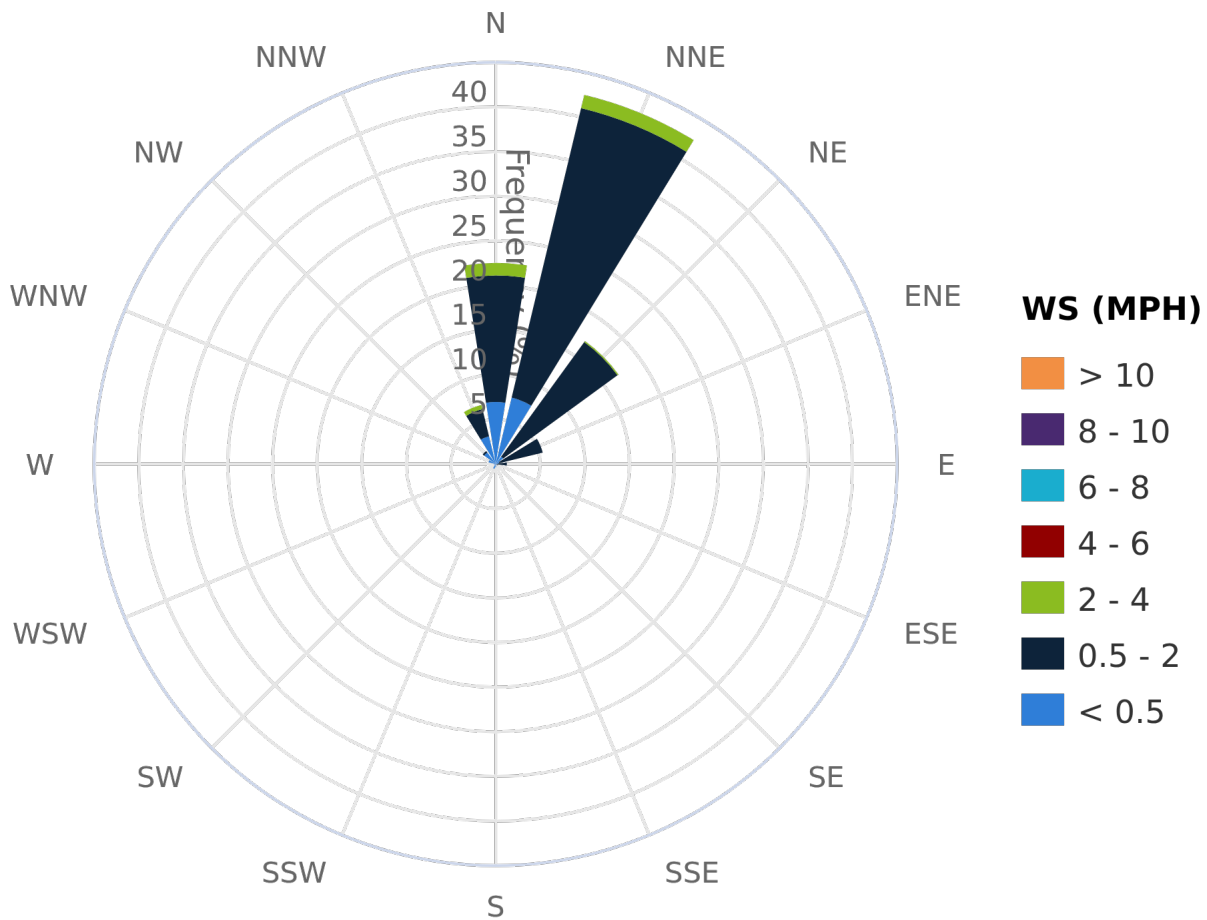


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.0	11.2	19.4	9.8	5.7	5.8	5.6	7.0	0.000	0.000	0.000	0.000
00:15:00	13.0	11.6	18.9	10.6	6.4	5.8	5.7	7.4	0.000	0.000	0.000	0.000
00:30:00	14.7	11.7	46.2	11.8	6.9	5.9	5.9	8.9	0.000	0.000	0.000	0.000
00:45:00	14.5	12.3	128.1	11.7	6.6	6.4	6.2	13.3	0.000	0.000	0.000	0.000
01:00:00	14.8	13.1	96.2	11.9	6.8	6.5	6.4	11.5	0.000	0.000	0.000	0.000
01:15:00	16.1	12.9	47.6	11.7	8.3	6.7	6.5	9.1	0.000	0.000	0.000	0.000
01:30:00	17.3	13.5	59.6	13.1	8.7	6.8	7.4	9.3	0.000	0.000	0.000	0.000
01:45:00	16.3	13.6	76.6	13.6	7.5	6.9	7.5	10.7	0.000	0.000	0.000	0.000
02:00:00	15.1	14.5	17.6	14.5	7.4	7.6	7.6	7.9	0.000	0.000	0.000	0.000
02:15:00	14.0	14.7	21.2	15.2	7.1	7.6	8.2	7.5	0.000	0.000	0.000	0.000
02:30:00	13.9	15.9	18.9	16.0	7.0	7.6	8.1	8.2	0.000	0.000	0.000	0.000
02:45:00	16.6	14.7	61.2	15.9	8.0	7.9	8.7	11.8	0.000	0.000	0.000	0.000
03:00:00	16.5	15.2	22.0	15.8	8.0	8.2	8.9	8.3	0.000	0.000	0.000	0.000
03:15:00	15.9	14.9	20.0	15.9	8.2	8.4	8.5	8.7	0.000	0.000	0.000	0.000
03:30:00	17.1	16.0	84.0	15.2	8.5	8.6	8.4	12.9	0.000	0.000	0.000	0.000
03:45:00	20.9	15.8	55.0	15.1	8.7	8.7	8.1	11.5	0.000	0.000	0.000	0.000
04:00:00	23.3	15.4	57.9	15.2	8.6	9.1	8.1	11.4	0.000	0.000	0.000	0.000
04:15:00	25.8	15.8	55.8	15.1	8.7	9.2	8.2	11.2	0.000	0.000	0.000	0.000
04:30:00	19.8	15.1	29.2	14.2	8.2	9.0	8.0	9.8	0.000	0.000	0.000	0.000
04:45:00	16.4	16.0	103.9	15.1	8.2	8.9	8.4	14.0	0.000	0.000	0.000	0.000
05:00:00	37.6	14.6	75.9	15.5	10.0	8.8	8.3	12.0	0.000	0.000	0.000	0.000
05:15:00	18.7	14.9	149.1	14.1	8.7	8.8	8.2	15.9	0.000	0.000	0.000	0.000
05:30:00	15.4	15.0	56.7	13.3	8.5	8.5	7.9	11.5	0.000	0.000	0.000	0.000
05:45:00	17.6	14.1	44.0	13.5	8.4	8.2	7.8	10.7	0.000	0.000	0.000	0.000
06:00:00	18.9	14.9	21.9	14.5	8.3	8.2	7.6	9.0	0.000	0.000	0.000	0.000
06:15:00	16.6	14.3	19.5	13.9	7.9	8.2	7.7	8.5	0.000	0.000	0.000	0.000
06:30:00	14.8	14.4	31.1	20.6	7.9	8.0	13.0	9.1	0.000	0.000	0.000	0.000
06:45:00	15.0	14.3	22.0	20.3	7.5	8.1	13.1	8.5	0.000	0.000	0.000	0.000
07:00:00	17.6	14.1	23.5	16.3	7.4	7.9	9.0	8.9	0.000	0.000	0.000	0.000
07:15:00	20.0	14.7	19.7	15.0	7.4	8.0	8.1	8.7	0.000	0.000	0.000	0.000
07:30:00	14.9	15.0	71.4	13.9	7.3	7.7	7.8	11.5	0.000	0.000	0.000	0.000
07:45:00	13.8	13.7	83.0	12.3	7.1	7.3	7.0	11.8	0.000	0.000	0.000	0.000
08:00:00	13.3	13.0	18.7	12.1	6.8	7.2	6.7	7.6	0.000	0.000	0.000	0.000
08:15:00	13.8	13.2	15.1	12.4	7.0	7.4	6.7	6.9	0.000	0.000	0.000	0.000
08:30:00	13.5	12.4	17.1	11.7	6.7	6.8	6.3	6.8	0.000	0.000	0.000	0.000
08:45:00	13.4	12.5	21.5	13.3	6.3	6.1	6.3	6.9	0.000	0.001	0.000	0.000
09:00:00	23.8	11.0	12.3	11.0	6.5	5.5	5.3	5.4	0.000	0.000	0.000	0.000
09:15:00	20.2	9.3	10.9	10.1	5.8	4.5	4.9	4.9	0.000	0.000	0.000	0.000
09:30:00	12.3	9.5	12.1	10.0	5.2	4.5	5.0	5.2	0.000	0.000	0.000	0.000
09:45:00	10.2	8.8	13.8	10.3	4.9	4.3	5.1	5.5	0.005	0.000	0.000	0.000
10:00:00	10.3	8.9	12.4	10.4	4.9	4.3	4.9	4.8	0.007	0.000	0.000	0.012
10:15:00	10.0	9.1	14.3	9.6	4.7	4.4	4.7	5.2	0.013	0.000	0.000	0.019
10:30:00	10.5	9.1	11.7	10.3	4.8	4.5	4.9	5.0	0.007	0.000	0.000	0.021
10:45:00	10.8	8.8	12.4	10.3	4.9	4.4	5.1	4.9	0.000	0.000	0.000	0.022
11:00:00	10.5	9.8	12.4	10.5	4.9	4.8	5.1	5.1	0.000	0.000	0.000	0.024
11:15:00	9.7	9.8	15.2	10.2	4.8	4.6	5.1	5.4	0.000	0.000	0.000	0.022
11:30:00	9.4	8.9	12.1	10.8	4.5	4.4	5.1	5.3	0.000	0.000	0.000	0.012
11:45:00	8.6	8.9	23.0	8.8	4.2	4.3	4.5	9.0	0.000	0.000	0.000	0.009



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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	8.7	8.0	9.6	9.0	4.3	4.1	4.6	4.6	0.000	0.000	0.000	0.001
12:15:00	8.1	7.9	12.5	7.8	4.0	4.0	4.0	5.2	0.000	0.000	0.000	0.000
12:30:00	9.7	8.2	15.1	8.5	4.1	4.0	4.4	4.5	0.000	0.000	0.000	0.000
12:45:00	8.0	7.8	17.9	7.8	3.9	3.9	4.0	4.5	0.000	0.000	0.000	0.000
13:00:00	21.6	8.0	17.5	7.8	4.9	3.9	4.0	4.3	0.000	0.000	0.000	0.000
13:15:00	7.1	7.4	14.3	9.6	3.5	3.7	3.9	3.9	0.000	0.000	0.000	0.000
13:30:00	7.4	7.3	12.7	8.0	3.5	3.5	3.9	3.9	0.000	0.000	0.000	0.000
13:45:00	8.0	7.4	15.0	9.5	3.8	3.6	4.2	4.1	0.000	0.000	0.000	0.000
14:00:00	7.6	7.5	10.4	8.5	3.6	3.7	3.9	3.6	0.000	0.000	0.000	0.000
14:15:00	11.2	7.2	9.8	7.3	3.8	3.6	3.7	3.5	0.000	0.000	0.000	0.000
14:30:00	21.9	6.9	9.8	8.1	4.7	3.3	3.8	3.5	0.000	0.000	0.000	0.000
14:45:00	6.9	6.9	6.9	8.6	3.1	3.2	3.5	3.1	0.000	0.000	0.000	0.000
15:00:00	7.0	6.5	5.8	7.3	3.0	3.1	3.2	2.7	0.000	0.000	0.000	0.000
15:15:00	8.1	8.0	16.4	9.4	3.5	3.5	3.9	4.2	0.000	0.000	0.000	0.000
15:30:00	8.9	8.1	11.9	9.5	3.7	3.7	4.0	4.0	0.000	0.000	0.000	0.000
15:45:00	9.4	8.5	10.6	9.3	3.9	3.7	4.1	4.0	0.000	0.000	0.000	0.000
16:00:00	12.8	12.6	15.4	11.4	4.2	4.2	4.3	4.6	0.000	0.000	0.000	0.000
16:15:00	11.2	10.2	13.3	9.5	4.0	3.8	4.0	4.1	0.000	0.000	0.000	0.000
16:30:00	9.6	8.9	16.9	8.2	3.9	3.7	4.0	5.2	0.000	0.000	0.000	0.000
16:45:00	8.9	8.0	10.8	8.7	3.8	3.6	4.0	4.0	0.000	0.000	0.000	0.000
17:00:00	13.7	7.5	9.7	12.2	4.3	3.5	4.5	3.8	0.000	0.000	0.000	0.000
17:15:00	10.1	7.3	8.6	9.9	4.0	3.5	4.1	3.7	0.013	0.001	0.000	0.000
17:30:00	8.6	8.1	9.0	10.1	3.8	3.7	4.0	3.7	0.016	0.003	0.000	0.000
17:45:00	9.1	8.1	9.2	7.7	3.9	3.7	3.8	3.8	0.008	0.004	0.000	0.000
18:00:00	10.2	8.0	9.5	12.3	4.1	3.7	4.5	3.9	0.000	0.004	0.000	0.000
18:15:00	9.4	8.1	10.1	9.2	4.1	3.6	4.0	4.0	0.000	0.002	0.000	0.000
18:30:00	9.9	8.1	9.9	13.7	4.0	3.7	4.7	3.9	0.005	0.004	0.000	0.000
18:45:00	8.9	8.1	10.2	8.8	3.9	3.7	4.0	3.9	0.003	0.006	0.000	0.000
19:00:00	9.0	7.6	11.2	8.8	4.0	3.6	4.0	4.0	0.013	0.007	0.000	0.000
19:15:00	8.9	7.9	10.2	10.1	3.9	3.7	4.1	4.1	0.010	0.007	0.000	0.001
19:30:00	8.8	7.8	11.6	8.8	3.9	3.5	3.9	4.2	0.026	0.011	0.000	0.008
19:45:00	8.7	7.8	11.6	7.6	3.7	3.5	3.6	4.1	0.031	0.011	0.000	0.016
20:00:00	8.1	7.6	11.2	12.1	3.6	3.5	4.3	4.0	0.050	0.011	0.000	0.016
20:15:00	8.5	8.1	13.4	8.1	3.7	3.4	3.6	4.1	0.059	0.012	0.000	0.027
20:30:00	9.5	8.4	14.1	14.0	4.2	3.5	4.7	4.5	0.089	0.012	0.011	0.034
20:45:00	10.7	9.4	15.0	11.3	4.7	3.9	4.7	4.9	0.114	0.013	0.057	0.038
21:00:00	11.3	10.0	15.7	10.7	5.1	4.4	5.1	5.2	0.120	0.013	0.089	0.040
21:15:00	11.9	10.6	18.1	11.0	5.4	4.6	5.3	5.8	0.113	0.012	0.094	0.038
21:30:00	12.0	10.7	29.9	11.1	5.4	4.8	5.4	6.3	0.106	0.011	0.096	0.035
21:45:00	11.9	10.8	19.5	16.3	5.6	5.0	6.2	5.9	0.099	0.010	0.098	0.033
22:00:00	12.6	11.4	30.0	13.5	5.9	5.1	6.1	6.8	0.093	0.009	0.097	0.030
22:15:00	13.0	11.4	22.9	12.1	5.9	5.2	5.9	6.7	0.088	0.008	0.094	0.022
22:30:00	13.2	11.7	18.6	23.3	6.0	5.2	8.1	6.5	0.082	0.007	0.089	0.018
22:45:00	14.1	12.2	24.3	13.7	6.1	5.3	6.3	6.8	0.076	0.007	0.082	0.014
23:00:00	13.4	12.2	24.3	12.4	6.0	5.5	5.8	7.0	0.065	0.006	0.075	0.011
23:15:00	13.2	11.6	20.3	12.0	5.8	5.3	5.7	6.1	0.059	0.005	0.068	0.004
23:30:00	12.2	12.4	27.3	11.9	5.7	5.4	5.6	7.0	0.051	0.004	0.059	0.000
23:45:00	12.4	12.0	19.1	13.4	5.8	5.3	6.0	6.3	0.041	0.003	0.051	0.000



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

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