



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-03

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 5.682	2943 SE	3061 SSW	2996 SE	2997 NNW	Min : 72.14 Max : 105.8	Min : 41.80 Max : 89.40	Min : 29.78 Max : 30.15

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	11.9	54.8	4.8	11.8	0.019	0.105
2996	9.2	32.8	4.2	14.1	0.012	0.077
2997	12.4	31.5	4.4	13.2	0.005	0.032
3061	8.8	24.7	3.9	10.6	0.002	0.014



Figure 1 : Monitoring Locations

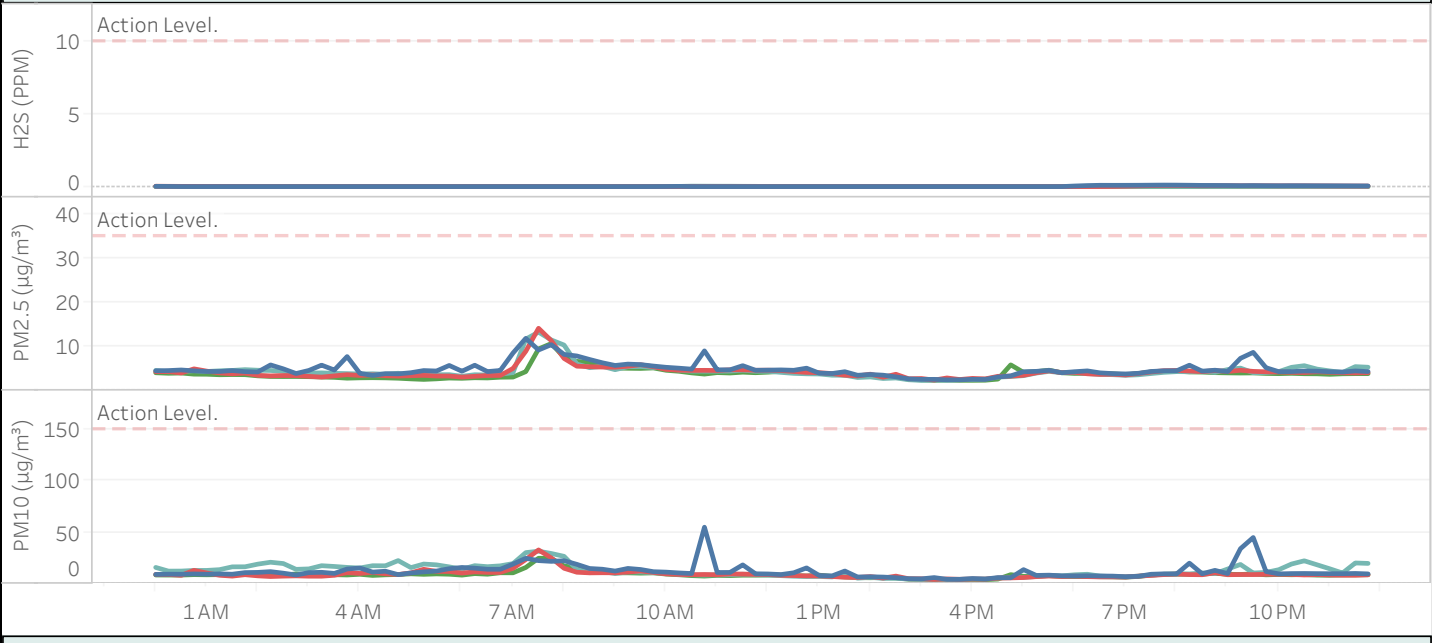


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

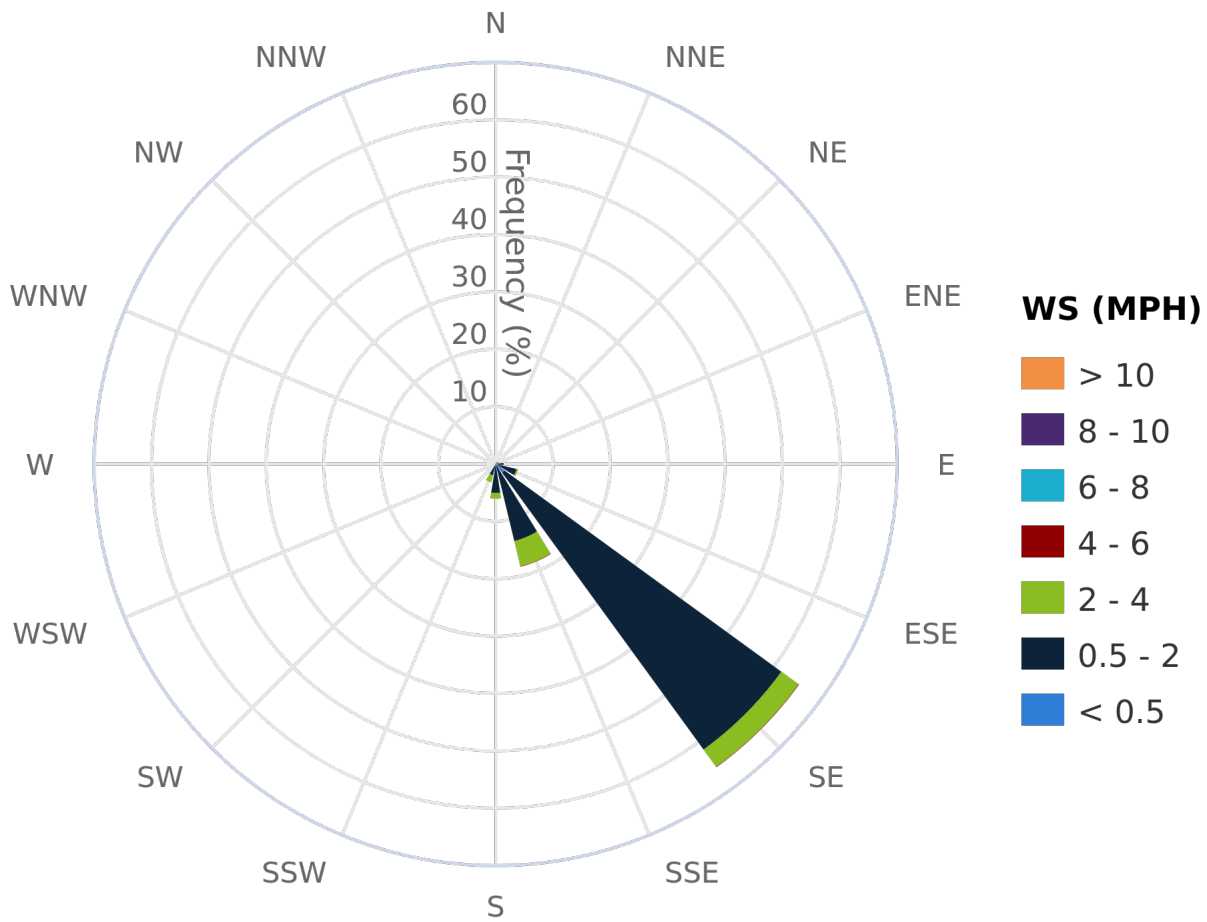


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

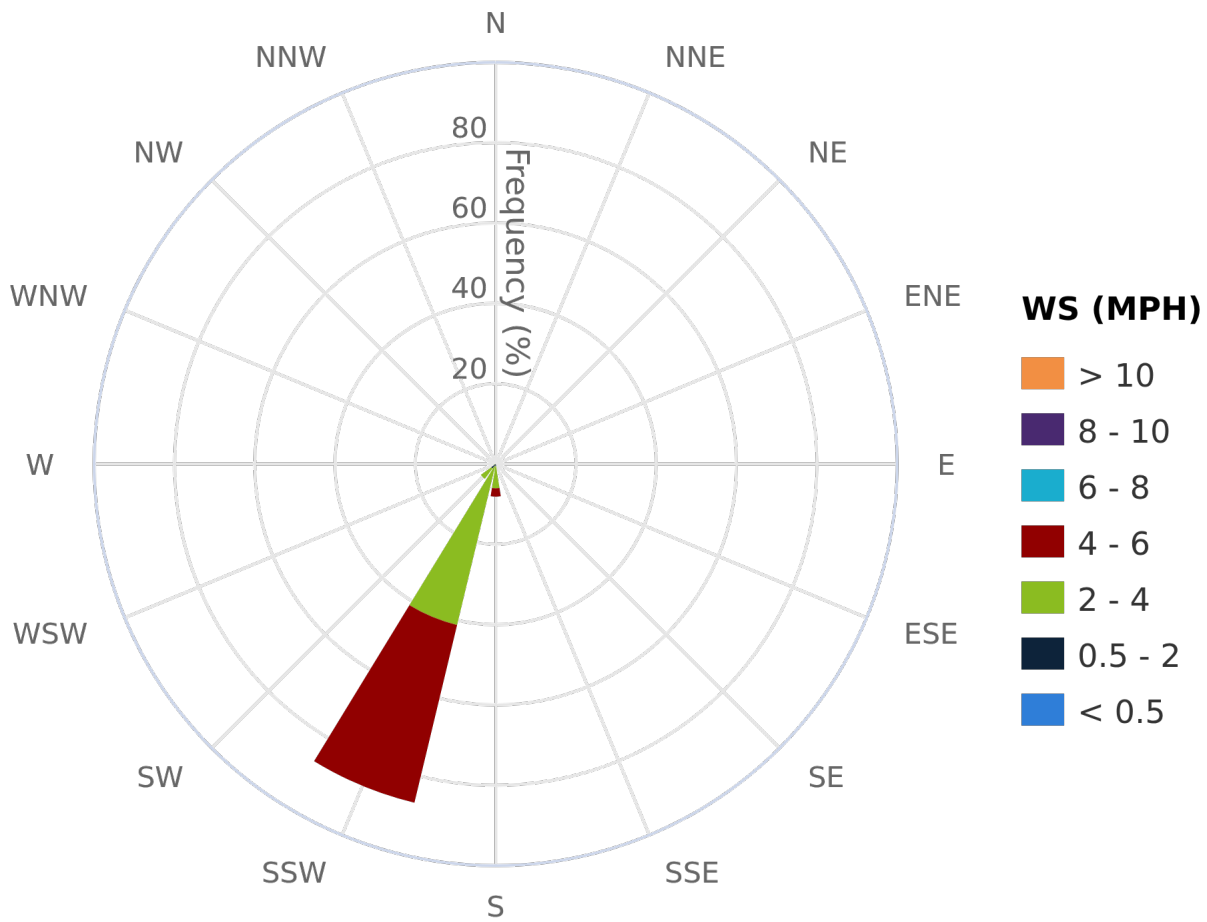


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

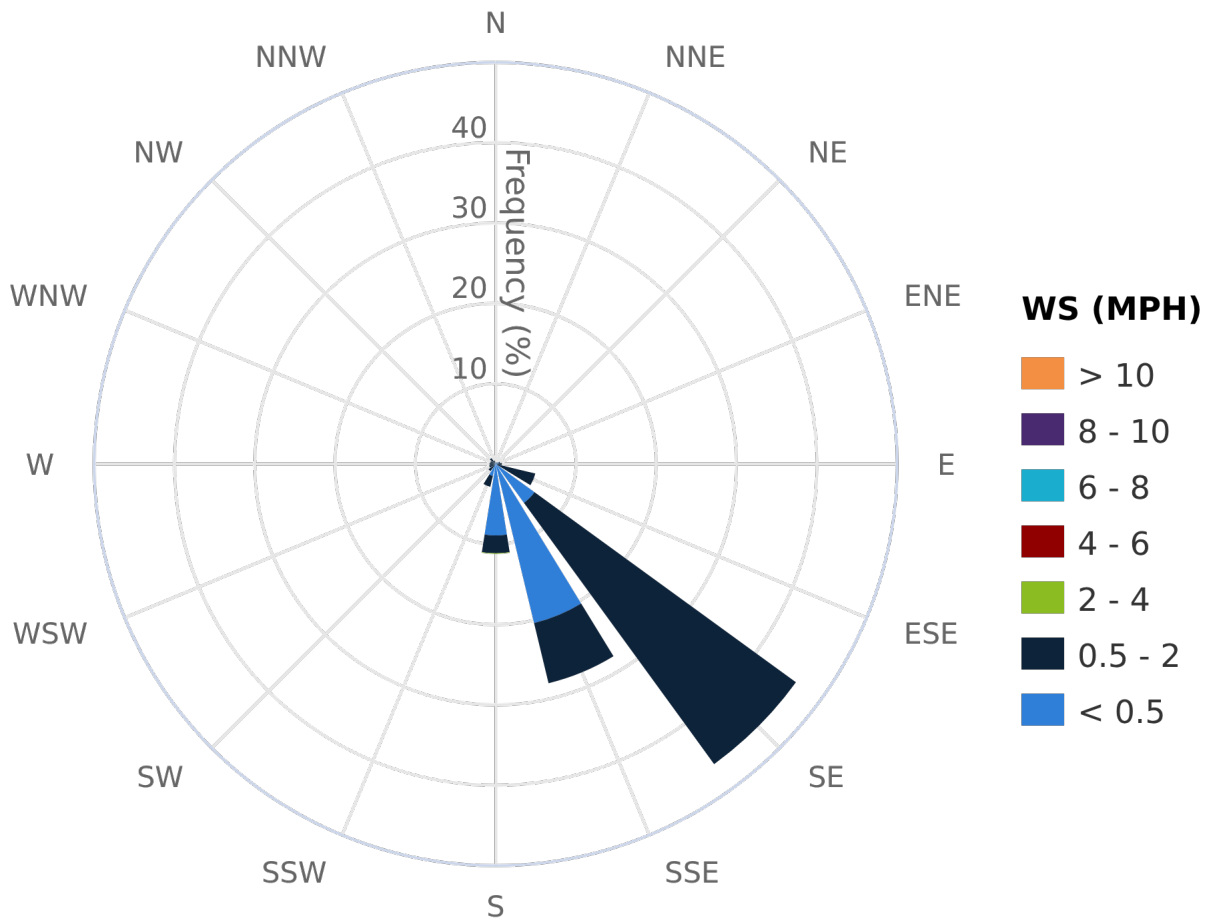


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

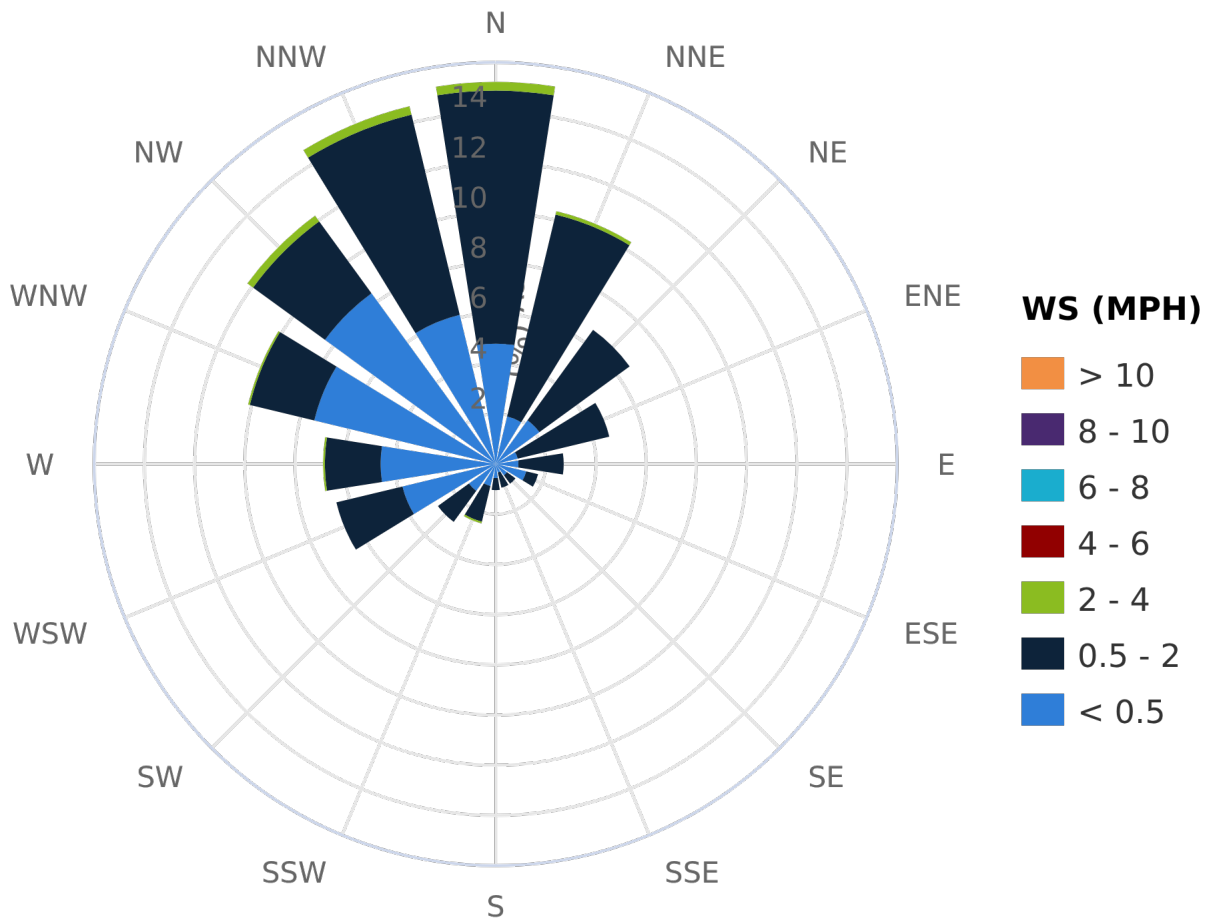


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.1	8.5	15.8	9.1	4.5	4.0	4.3	4.6	0.018	0.000	0.027	0.000
00:15:00	9.3	8.4	12.3	9.0	4.5	3.9	4.3	4.3	0.012	0.000	0.021	0.000
00:30:00	9.2	8.4	12.3	8.2	4.7	4.0	4.0	4.3	0.002	0.000	0.016	0.000
00:45:00	9.5	8.8	12.9	13.0	4.5	3.7	4.9	4.5	0.000	0.000	0.013	0.000
01:00:00	9.3	8.7	12.9	10.4	4.3	3.7	4.4	4.3	0.000	0.000	0.009	0.000
01:15:00	9.5	8.8	13.7	8.2	4.3	3.6	4.0	4.5	0.000	0.000	0.007	0.000
01:30:00	9.3	8.6	16.4	7.4	4.5	3.6	3.8	4.6	0.000	0.000	0.004	0.000
01:45:00	10.8	9.7	16.4	8.8	4.3	3.6	4.0	4.7	0.000	0.000	0.001	0.000
02:00:00	11.0	10.1	19.0	7.7	4.2	3.3	3.4	4.6	0.000	0.000	0.000	0.000
02:15:00	11.8	8.9	20.9	7.0	5.8	3.2	3.3	4.6	0.000	0.000	0.000	0.000
02:30:00	10.3	8.5	19.6	7.4	4.9	3.2	3.4	4.4	0.000	0.000	0.000	0.000
02:45:00	8.5	9.5	14.0	7.7	3.9	3.2	3.4	3.8	0.000	0.000	0.000	0.000
03:00:00	10.8	8.7	14.4	7.3	4.6	3.2	3.2	4.0	0.000	0.000	0.000	0.000
03:15:00	11.1	9.9	17.5	7.3	5.8	3.1	3.1	4.0	0.000	0.000	0.000	0.000
03:30:00	10.0	8.8	16.8	8.2	4.7	3.0	3.3	3.9	0.000	0.000	0.001	0.000
03:45:00	14.3	8.5	15.9	10.8	7.7	2.8	3.6	3.8	0.000	0.000	0.000	0.000
04:00:00	15.3	9.2	15.3	10.0	3.9	2.9	3.4	3.8	0.000	0.000	0.000	0.000
04:15:00	11.3	8.1	17.5	11.1	3.4	2.9	3.6	3.8	0.000	0.000	0.000	0.000
04:30:00	12.2	8.7	17.4	9.6	3.8	2.9	3.4	3.7	0.000	0.000	0.000	0.000
04:45:00	8.8	9.0	22.5	8.9	3.8	2.8	3.3	3.9	0.000	0.000	0.000	0.000
05:00:00	10.5	9.6	15.7	10.5	4.1	2.7	3.4	3.4	0.000	0.000	0.000	0.000
05:15:00	11.5	9.1	19.1	14.0	4.5	2.5	3.4	3.9	0.000	0.000	0.000	0.000
05:30:00	12.3	9.6	18.3	12.0	4.4	2.7	3.3	3.6	0.000	0.000	0.000	0.000
05:45:00	14.6	9.2	16.4	11.9	5.7	2.8	3.3	3.6	0.000	0.000	0.000	0.000
06:00:00	15.8	8.4	14.1	10.3	4.4	2.8	3.1	3.2	0.000	0.000	0.000	0.000
06:15:00	15.1	9.8	17.5	11.6	5.7	2.9	3.2	3.6	0.000	0.000	0.000	0.000
06:30:00	14.0	9.3	16.6	11.0	4.3	2.9	3.4	3.5	0.000	0.000	0.000	0.000
06:45:00	14.0	10.7	17.4	11.0	4.6	3.0	3.4	3.7	0.000	0.000	0.000	0.000
07:00:00	19.1	10.6	19.6	15.0	8.5	3.1	5.0	4.1	0.000	0.000	0.000	0.000
07:15:00	24.7	15.8	30.2	23.5	11.8	4.3	8.9	11.6	0.000	0.000	0.000	0.000
07:30:00	22.4	24.7	31.5	32.8	9.2	9.4	14.1	13.2	0.000	0.000	0.000	0.000
07:45:00	21.7	24.6	29.3	25.0	10.4	10.6	11.3	11.5	0.000	0.000	0.000	0.000
08:00:00	22.3	17.2	26.6	15.0	8.2	7.5	7.3	10.3	0.000	0.000	0.000	0.000
08:15:00	18.8	15.4	13.9	11.2	7.8	6.6	5.5	6.0	0.000	0.000	0.000	0.000
08:30:00	14.8	13.9	10.7	10.6	7.0	6.4	5.4	5.2	0.000	0.000	0.000	0.000
08:45:00	14.1	12.9	11.8	10.7	6.3	5.9	5.3	5.5	0.000	0.000	0.000	0.000
09:00:00	12.3	10.6	9.9	10.6	5.7	5.1	5.3	4.7	0.000	0.000	0.000	0.000
09:15:00	14.9	10.6	11.4	11.3	6.0	5.1	5.5	5.4	0.000	0.000	0.000	0.000
09:30:00	13.8	10.3	11.4	12.4	5.9	5.0	5.9	5.5	0.000	0.000	0.000	0.000
09:45:00	11.7	10.5	10.7	11.0	5.6	5.1	5.4	5.2	0.002	0.000	0.000	0.000
10:00:00	11.3	9.4	10.3	9.6	5.3	4.6	4.8	5.2	0.007	0.000	0.000	0.001
10:15:00	10.5	8.7	9.2	9.0	5.1	4.4	4.6	4.6	0.016	0.000	0.000	0.014
10:30:00	9.9	7.9	8.7	8.8	4.9	4.0	4.6	4.4	0.002	0.000	0.000	0.032
10:45:00	54.8	7.4	8.4	9.0	9.0	3.7	4.6	4.4	0.000	0.000	0.000	0.029
11:00:00	10.9	8.1	8.7	8.7	4.7	4.1	4.5	4.4	0.000	0.000	0.000	0.026
11:15:00	11.0	7.9	8.7	9.5	4.7	4.0	4.7	4.4	0.000	0.000	0.000	0.026
11:30:00	18.3	8.3	9.3	9.4	5.6	4.2	4.7	4.6	0.000	0.000	0.000	0.021
11:45:00	9.7	8.3	8.8	9.1	4.6	4.1	4.6	4.4	0.000	0.000	0.000	0.018



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Table 3 : 15 Minute Average Concentrations (PM)

	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	9.5	8.4	8.5	9.0	4.6	4.2	4.6	4.4	0.000	0.000	0.000	0.008
12:15:00	8.9	8.3	7.8	8.3	4.7	4.4	4.5	4.1	0.000	0.000	0.000	0.002
12:30:00	10.7	8.0	7.3	8.0	4.6	4.1	4.3	3.9	0.000	0.000	0.000	0.000
12:45:00	15.4	7.6	7.0	7.6	5.1	4.0	4.1	3.8	0.000	0.000	0.000	0.000
13:00:00	8.0	8.3	7.0	7.6	3.9	4.0	4.1	3.8	0.000	0.000	0.000	0.000
13:15:00	7.6	7.2	6.6	7.0	3.9	3.7	3.9	3.5	0.000	0.000	0.000	0.000
13:30:00	12.4	6.6	8.9	6.3	4.3	3.5	3.5	3.5	0.000	0.000	0.000	0.000
13:45:00	6.6	5.9	5.4	6.1	3.5	3.3	3.3	3.0	0.000	0.000	0.000	0.000
14:00:00	6.8	5.8	6.3	7.0	3.7	3.2	3.7	3.1	0.000	0.000	0.000	0.000
14:15:00	6.5	6.1	5.1	5.5	3.5	3.3	3.0	2.7	0.000	0.000	0.000	0.000
14:30:00	5.9	5.6	5.3	7.4	3.1	3.1	3.7	2.9	0.000	0.000	0.000	0.000
14:45:00	4.9	4.5	4.5	4.8	2.7	2.6	2.7	2.5	0.000	0.000	0.000	0.000
15:00:00	4.8	4.3	4.1	4.8	2.5	2.4	2.7	2.3	0.000	0.000	0.000	0.000
15:15:00	6.0	4.1	4.5	4.2	2.6	2.3	2.4	2.4	0.000	0.000	0.000	0.000
15:30:00	4.3	4.3	4.2	4.7	2.4	2.4	2.9	2.3	0.000	0.000	0.000	0.000
15:45:00	4.3	4.0	4.3	4.3	2.4	2.3	2.5	2.5	0.000	0.000	0.000	0.000
16:00:00	5.1	4.0	4.5	4.6	2.6	2.3	2.8	2.5	0.000	0.000	0.000	0.000
16:15:00	4.6	4.0	4.6	4.5	2.5	2.4	2.7	2.6	0.000	0.000	0.000	0.000
16:30:00	6.0	4.5	5.5	5.5	3.1	2.6	3.2	3.1	0.000	0.000	0.000	0.000
16:45:00	5.8	8.8	6.0	5.7	3.3	5.8	3.3	3.2	0.000	0.000	0.000	0.000
17:00:00	13.7	7.2	6.2	6.0	4.3	4.1	3.5	3.4	0.000	0.000	0.000	0.000
17:15:00	8.1	7.4	7.0	6.9	4.4	4.3	4.0	4.0	0.000	0.000	0.000	0.000
17:30:00	8.3	7.9	8.1	7.5	4.6	4.6	4.5	4.3	0.000	0.003	0.000	0.000
17:45:00	7.7	7.1	7.7	7.0	4.0	4.0	4.1	4.0	0.002	0.008	0.000	0.001
18:00:00	7.6	7.0	8.7	7.3	4.3	3.9	4.1	4.1	0.041	0.013	0.000	0.014
18:15:00	7.8	7.0	9.2	6.9	4.5	3.9	3.8	3.9	0.071	0.014	0.000	0.023
18:30:00	7.5	6.8	7.5	6.7	4.0	3.9	3.7	3.7	0.090	0.014	0.002	0.027
18:45:00	7.4	6.7	6.9	6.7	3.9	3.8	3.7	3.6	0.089	0.013	0.012	0.024
19:00:00	6.8	6.4	6.6	6.5	3.8	3.6	3.5	3.5	0.090	0.014	0.028	0.018
19:15:00	7.2	7.1	7.5	7.4	3.9	3.8	3.9	3.6	0.093	0.014	0.049	0.021
19:30:00	9.2	8.5	8.3	8.1	4.3	4.2	4.2	3.9	0.099	0.013	0.065	0.024
19:45:00	9.6	9.1	9.3	8.9	4.5	4.3	4.5	4.1	0.105	0.013	0.076	0.024
20:00:00	9.5	9.3	9.7	9.4	4.5	4.4	4.6	4.3	0.102	0.013	0.077	0.019
20:15:00	20.0	9.2	9.4	8.9	5.8	4.2	4.4	4.3	0.093	0.012	0.065	0.015
20:30:00	9.7	9.3	10.5	8.7	4.4	4.2	4.3	4.4	0.083	0.011	0.057	0.012
20:45:00	13.0	10.1	9.8	10.7	4.6	4.1	4.5	4.1	0.080	0.011	0.061	0.012
21:00:00	9.8	9.2	14.3	8.7	4.3	4.0	4.3	4.8	0.075	0.011	0.062	0.011
21:15:00	34.0	9.0	18.7	8.9	7.3	4.0	4.6	5.1	0.066	0.010	0.057	0.012
21:30:00	44.8	9.5	10.4	8.9	8.7	4.0	4.4	4.1	0.072	0.007	0.057	0.008
21:45:00	11.9	8.7	11.0	9.1	5.2	3.9	4.3	4.1	0.063	0.006	0.056	0.005
22:00:00	9.6	9.0	13.6	9.2	4.3	3.8	4.2	4.3	0.060	0.006	0.051	0.004
22:15:00	9.9	8.7	19.1	9.1	4.3	3.9	4.1	5.3	0.064	0.005	0.051	0.004
22:30:00	10.0	8.9	22.2	8.5	4.4	3.8	4.1	5.6	0.061	0.005	0.051	0.004
22:45:00	9.8	8.4	18.4	8.9	4.4	3.8	4.3	4.9	0.058	0.005	0.046	0.000
23:00:00	9.7	8.3	14.5	8.5	4.3	3.7	4.1	4.5	0.056	0.004	0.044	0.000
23:15:00	9.8	8.6	10.4	8.3	4.2	3.8	4.0	4.1	0.053	0.003	0.039	0.000
23:30:00	10.0	8.6	20.1	8.3	4.4	3.8	4.0	5.4	0.049	0.003	0.038	0.000
23:45:00	9.6	8.8	19.7	8.7	4.3	3.8	4.1	5.3	0.045	0.003	0.036	0.000



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

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