



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 5.928	2943 SE	3061 SW	2996 S	2997 NNE	Min : 61.88 Max : 101.5	Min : 37.20 Max : 86.00	Min : 29.92 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	11.5	94.7	5.3	24.1	0.017	0.110
2996	10.0	56.3	4.6	20.4	0.018	0.121
2997	14.7	135.2	4.7	21.3	0.004	0.030
3061	10.7	21.6	5.5	14.7	0.002	0.013



Figure 1 : Monitoring Locations

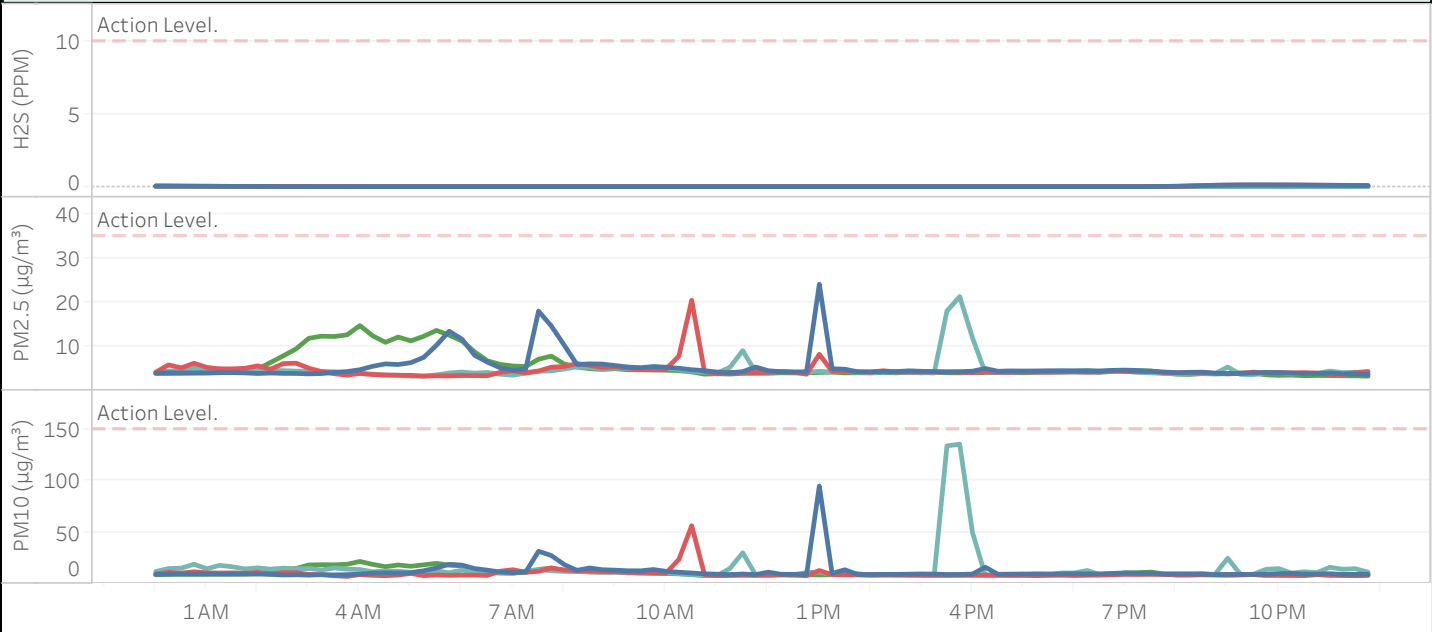


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

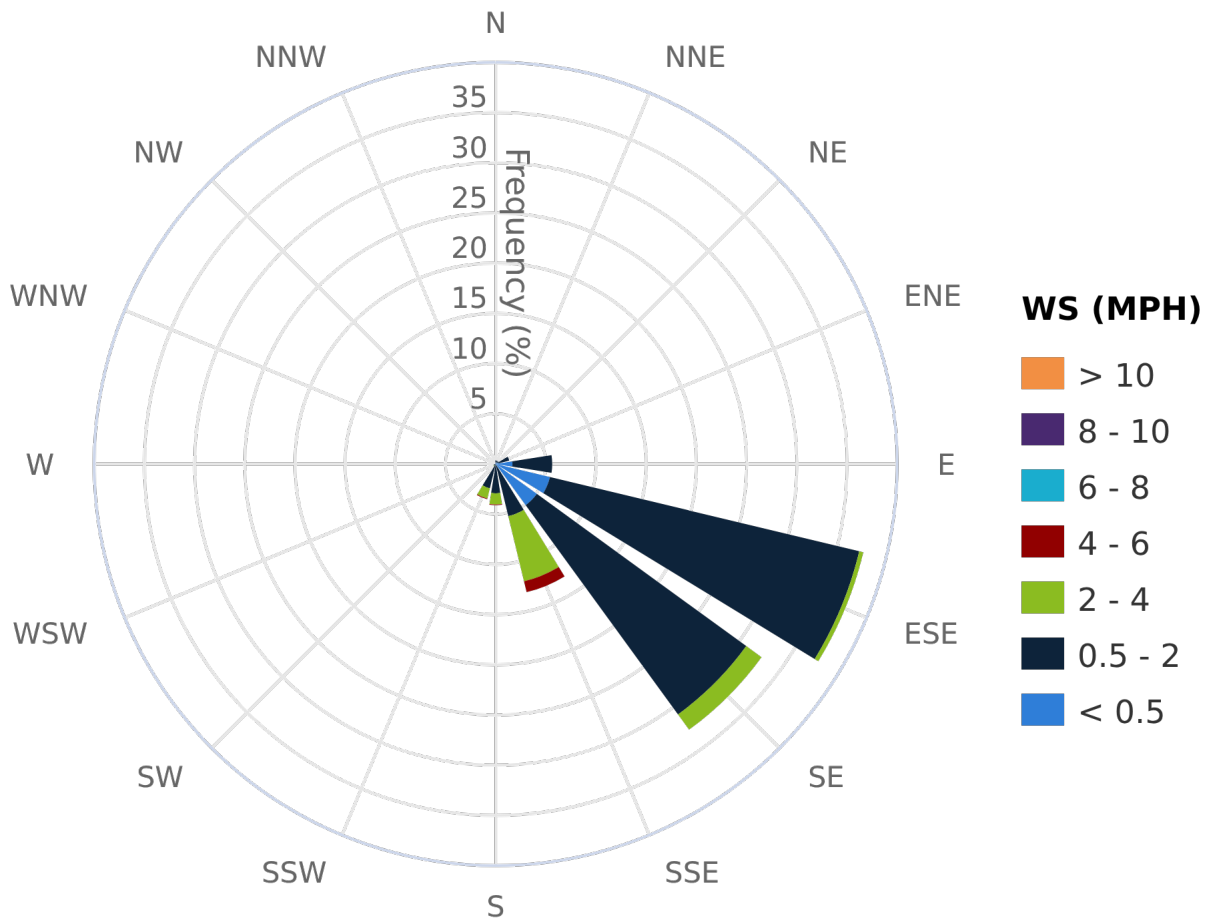


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

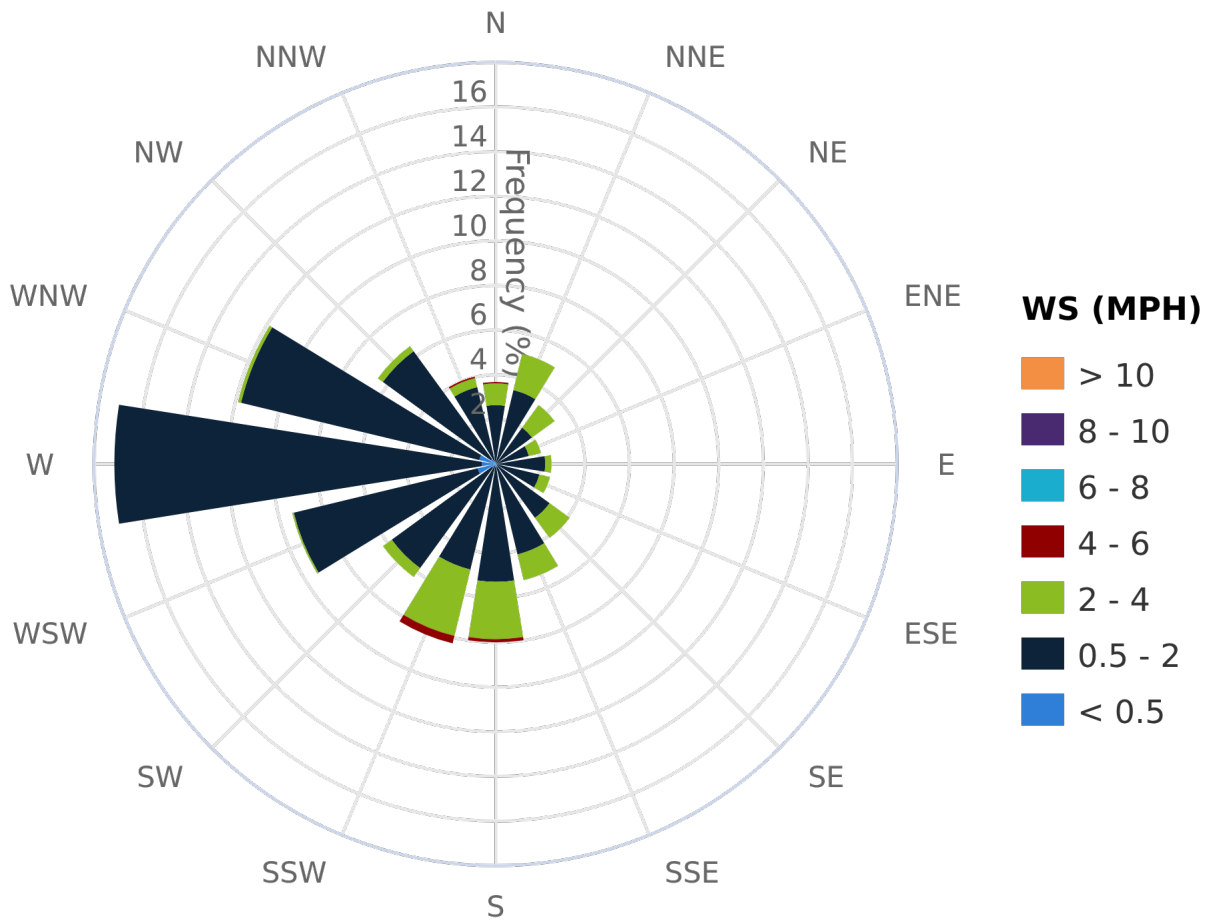


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

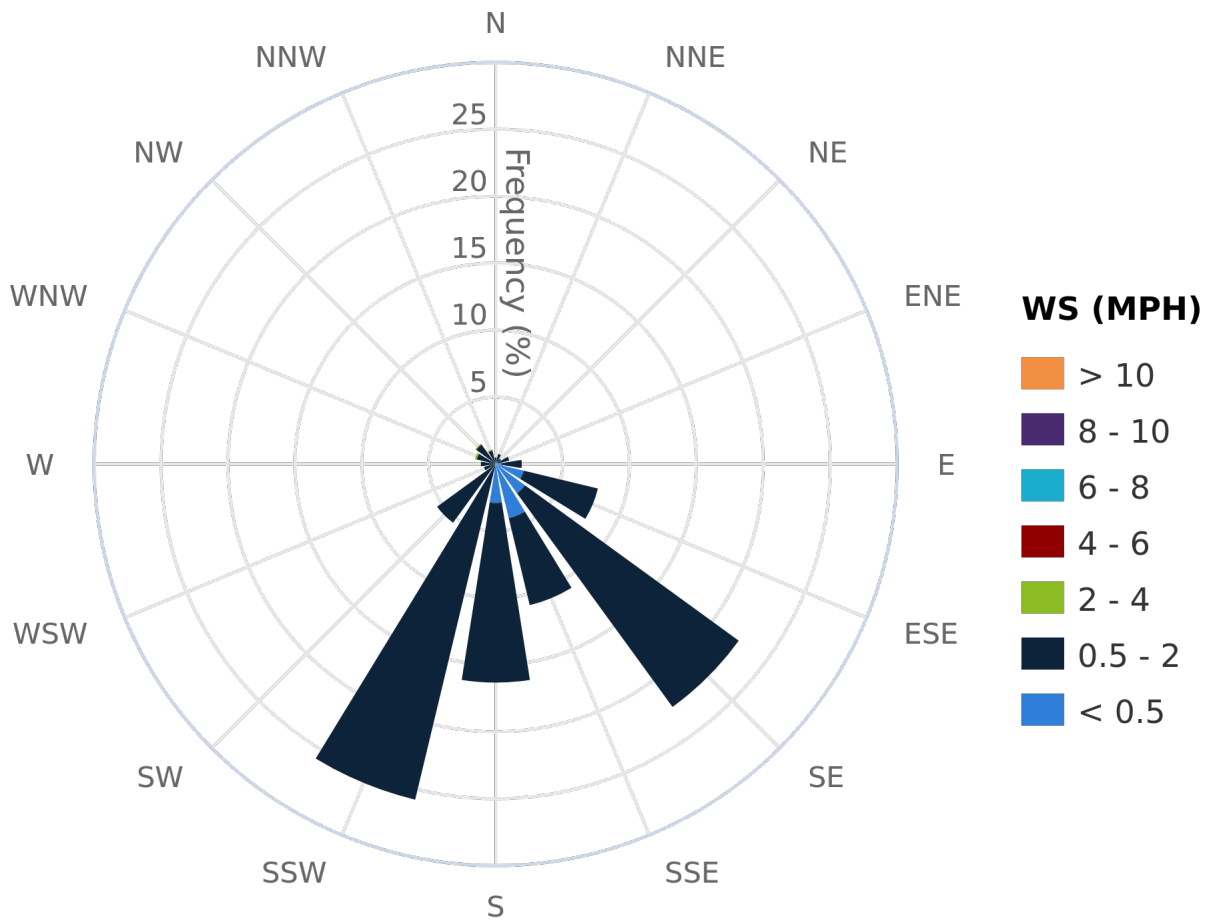


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

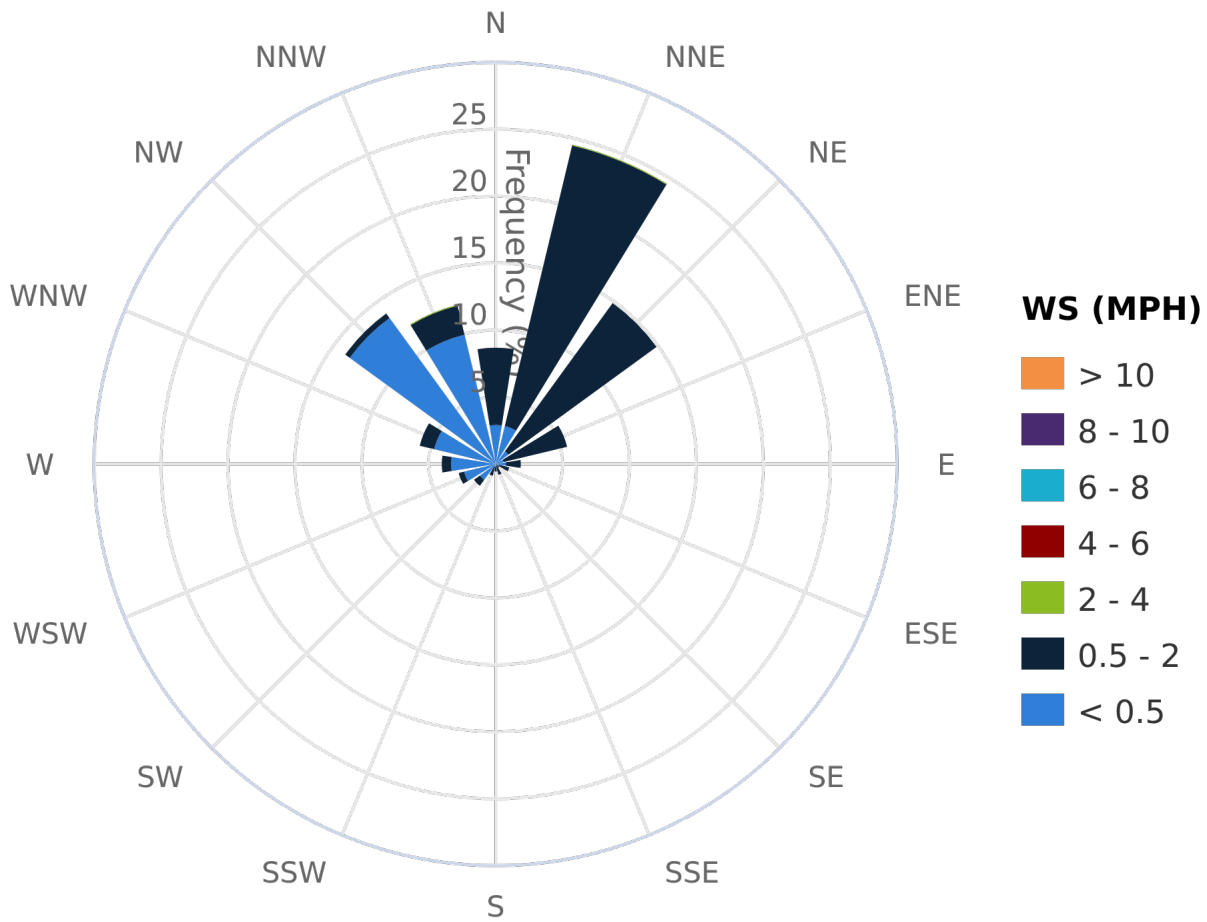


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.0	8.7	11.9	9.5	4.0	3.9	4.2	4.1	0.050	0.003	0.039	0.000
00:15:00	9.3	9.0	14.7	11.1	4.1	3.9	5.8	4.5	0.046	0.002	0.034	0.000
00:30:00	9.6	9.1	15.1	10.3	4.0	3.9	5.1	4.5	0.038	0.002	0.030	0.000
00:45:00	9.5	9.1	18.9	11.6	4.0	4.0	6.2	5.1	0.031	0.001	0.026	0.000
01:00:00	9.6	9.1	14.5	10.6	4.0	4.0	5.3	4.6	0.028	0.001	0.023	0.000
01:15:00	9.3	9.3	17.8	10.4	4.1	4.1	4.9	4.9	0.021	0.000	0.022	0.000
01:30:00	9.4	9.3	16.5	10.6	4.1	4.1	4.9	4.7	0.015	0.000	0.016	0.000
01:45:00	9.5	9.2	14.4	10.2	4.0	4.3	5.1	4.6	0.013	0.000	0.014	0.000
02:00:00	9.4	9.7	15.4	11.1	3.9	4.9	5.6	4.7	0.010	0.000	0.011	0.000
02:15:00	9.1	11.6	14.2	9.3	4.0	6.4	4.8	4.6	0.004	0.000	0.013	0.000
02:30:00	8.5	13.4	15.1	10.8	3.9	7.9	6.1	4.5	0.000	0.000	0.011	0.000
02:45:00	8.7	14.8	14.5	10.8	3.9	9.4	6.2	4.4	0.000	0.000	0.010	0.000
03:00:00	8.4	18.2	14.7	9.1	3.8	11.8	5.1	4.4	0.000	0.000	0.008	0.000
03:15:00	8.8	18.5	13.4	8.8	3.9	12.3	4.3	4.4	0.000	0.000	0.005	0.000
03:30:00	8.6	18.4	15.3	7.8	4.1	12.2	3.8	4.3	0.000	0.000	0.003	0.000
03:45:00	8.8	18.9	14.1	7.1	4.3	12.6	3.5	3.9	0.000	0.000	0.006	0.000
04:00:00	9.4	21.6	13.8	8.9	4.7	14.7	3.9	3.9	0.000	0.000	0.003	0.000
04:15:00	10.4	18.8	11.7	8.2	5.5	12.4	3.6	3.7	0.000	0.000	0.000	0.000
04:30:00	10.6	16.5	12.3	7.8	6.0	10.9	3.6	3.5	0.000	0.000	0.000	0.000
04:45:00	10.3	18.2	12.1	8.5	5.9	12.1	3.5	3.5	0.000	0.000	0.000	0.000
05:00:00	10.7	16.9	11.1	10.0	6.3	11.2	3.5	3.3	0.000	0.000	0.000	0.000
05:15:00	12.7	18.4	11.3	7.9	7.5	12.3	3.3	3.3	0.000	0.000	0.000	0.000
05:30:00	15.3	19.8	12.5	8.5	10.2	13.6	3.3	3.6	0.000	0.000	0.000	0.000
05:45:00	18.9	18.0	10.7	8.2	13.4	12.5	3.3	4.0	0.000	0.000	0.000	0.000
06:00:00	18.1	17.3	13.2	8.4	11.6	11.2	3.4	4.2	0.000	0.000	0.000	0.000
06:15:00	14.7	13.9	11.3	8.3	8.0	8.7	3.4	4.0	0.000	0.000	0.000	0.000
06:30:00	13.2	12.0	11.0	8.2	6.4	6.7	3.4	4.1	0.000	0.000	0.000	0.000
06:45:00	11.4	10.9	10.2	12.2	5.1	5.9	4.1	3.7	0.000	0.000	0.000	0.000
07:00:00	10.7	10.5	9.9	13.6	4.6	5.6	4.5	3.5	0.000	0.000	0.000	0.000
07:15:00	11.5	11.1	12.4	11.1	5.0	5.5	4.1	3.9	0.000	0.000	0.000	0.000
07:30:00	31.5	13.8	13.7	12.1	18.0	7.1	4.5	4.4	0.000	0.000	0.000	0.000
07:45:00	27.4	15.3	12.6	15.2	14.6	7.8	5.3	4.5	0.000	0.000	0.000	0.000
08:00:00	18.7	12.8	12.0	13.4	10.3	6.0	5.5	4.9	0.000	0.000	0.000	0.000
08:15:00	13.0	12.0	12.0	12.7	5.9	5.3	6.1	5.4	0.000	0.000	0.000	0.000
08:30:00	15.3	11.5	11.5	12.3	6.0	5.0	5.7	5.2	0.000	0.000	0.000	0.000
08:45:00	13.6	11.3	11.3	11.8	6.0	4.8	5.2	5.0	0.000	0.000	0.000	0.000
09:00:00	13.2	11.4	11.1	11.7	5.7	5.0	5.4	5.1	0.000	0.000	0.000	0.000
09:15:00	12.6	10.7	10.6	10.9	5.3	4.7	5.1	4.9	0.000	0.000	0.000	0.000
09:30:00	12.5	10.5	10.9	10.5	5.2	4.7	4.9	5.0	0.000	0.000	0.000	0.000
09:45:00	13.8	10.2	10.6	10.5	5.5	4.7	4.8	5.0	0.000	0.000	0.000	0.000
10:00:00	12.0	9.9	10.4	10.5	5.3	4.6	4.9	5.0	0.000	0.000	0.000	0.000
10:15:00	11.2	9.6	9.9	23.6	5.1	4.5	7.8	4.7	0.000	0.000	0.000	0.001
10:30:00	10.4	8.9	8.9	56.3	4.7	4.2	20.4	4.4	0.000	0.000	0.000	0.005
10:45:00	9.7	7.9	8.4	9.0	4.5	3.7	4.3	4.2	0.000	0.000	0.000	0.012
11:00:00	9.3	8.0	7.9	8.0	4.2	3.8	3.8	4.0	0.000	0.000	0.000	0.010
11:15:00	8.9	8.0	14.9	8.6	4.0	3.7	4.1	5.3	0.000	0.000	0.000	0.011
11:30:00	9.5	8.2	30.0	8.7	4.3	3.9	4.1	9.0	0.000	0.000	0.000	0.002
11:45:00	8.9	8.2	8.7	8.4	5.3	3.9	4.1	4.2	0.000	0.000	0.000	0.000



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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	11.3	8.3	8.6	8.4	4.5	3.9	4.1	4.1	0.000	0.000	0.000	0.000
12:15:00	9.2	8.4	9.0	8.9	4.3	4.0	4.3	4.3	0.000	0.000	0.000	0.000
12:30:00	9.2	8.3	8.8	8.6	4.2	4.0	4.2	4.1	0.000	0.000	0.000	0.000
12:45:00	9.0	8.7	10.9	7.8	4.2	4.0	3.7	4.2	0.000	0.000	0.000	0.000
13:00:00	94.7	8.6	11.3	12.9	24.1	4.1	8.2	4.4	0.000	0.000	0.000	0.000
13:15:00	10.0	8.7	9.0	8.8	5.0	4.2	4.4	4.2	0.000	0.000	0.000	0.000
13:30:00	13.6	8.6	10.9	8.9	4.8	4.0	4.4	4.4	0.000	0.000	0.000	0.000
13:45:00	9.0	8.6	9.8	8.8	4.3	4.0	4.3	4.1	0.000	0.000	0.000	0.000
14:00:00	8.9	8.4	8.4	8.5	4.3	4.0	4.2	4.0	0.000	0.000	0.000	0.000
14:15:00	9.1	8.6	8.4	8.7	4.4	4.1	4.5	4.2	0.000	0.000	0.000	0.000
14:30:00	9.1	8.3	8.9	8.6	4.3	4.0	4.2	4.2	0.000	0.000	0.000	0.000
14:45:00	9.3	8.6	8.2	8.6	4.5	4.2	4.2	4.1	0.000	0.000	0.000	0.000
15:00:00	9.5	8.3	8.3	8.4	4.4	4.0	4.2	4.1	0.000	0.000	0.000	0.000
15:15:00	9.4	8.2	8.1	8.3	4.3	4.1	4.2	4.0	0.000	0.000	0.000	0.000
15:30:00	9.0	8.2	133.5	8.5	4.2	4.0	4.2	18.0	0.000	0.000	0.000	0.000
15:45:00	9.1	8.3	135.2	8.4	4.3	4.0	4.2	21.3	0.000	0.000	0.000	0.000
16:00:00	9.4	9.1	49.9	8.1	4.4	4.1	4.1	12.0	0.000	0.000	0.000	0.000
16:15:00	16.1	8.3	8.3	8.4	5.0	4.0	4.2	4.1	0.000	0.000	0.000	0.000
16:30:00	9.2	8.4	8.5	8.3	4.4	4.1	4.2	4.2	0.000	0.000	0.000	0.000
16:45:00	9.4	8.5	8.3	8.1	4.5	4.1	4.1	4.2	0.000	0.000	0.000	0.000
17:00:00	9.4	8.4	9.3	8.2	4.4	4.0	4.2	4.3	0.000	0.000	0.000	0.000
17:15:00	9.6	8.6	8.5	7.9	4.5	4.2	4.2	4.2	0.000	0.000	0.000	0.000
17:30:00	9.5	8.5	8.8	8.2	4.5	4.2	4.1	4.3	0.000	0.000	0.000	0.000
17:45:00	9.6	8.6	10.5	8.3	4.5	4.2	4.2	4.5	0.000	0.000	0.000	0.000
18:00:00	9.8	8.5	10.5	8.1	4.5	4.3	4.2	4.5	0.000	0.000	0.000	0.000
18:15:00	9.5	8.7	12.9	8.3	4.5	4.2	4.2	4.6	0.000	0.000	0.000	0.000
18:30:00	9.7	8.8	8.7	8.4	4.5	4.1	4.2	4.3	0.000	0.000	0.000	0.000
18:45:00	10.0	9.3	10.1	8.8	4.6	4.3	4.4	4.5	0.000	0.000	0.000	0.000
19:00:00	10.6	10.4	10.1	9.0	4.6	4.5	4.3	4.3	0.000	0.000	0.000	0.000
19:15:00	10.2	10.8	9.5	9.0	4.5	4.5	4.3	4.1	0.000	0.001	0.000	0.001
19:30:00	10.2	11.4	9.4	9.2	4.4	4.5	4.4	4.0	0.000	0.004	0.000	0.009
19:45:00	9.4	9.5	9.6	8.9	4.2	4.0	4.1	3.9	0.012	0.008	0.000	0.012
20:00:00	9.5	8.4	9.6	8.7	4.1	3.7	4.1	3.9	0.030	0.010	0.007	0.022
20:15:00	9.5	8.3	9.5	8.8	4.1	3.7	4.2	3.9	0.047	0.011	0.040	0.026
20:30:00	9.3	8.7	10.0	8.7	4.2	3.8	4.1	4.0	0.067	0.012	0.074	0.028
20:45:00	8.8	8.7	9.0	8.5	4.0	3.8	3.9	3.8	0.090	0.013	0.095	0.028
21:00:00	9.1	8.8	24.7	8.2	3.9	3.8	3.8	5.3	0.100	0.013	0.108	0.029
21:15:00	9.1	8.8	9.1	8.5	3.9	4.0	3.9	3.7	0.107	0.013	0.118	0.030
21:30:00	9.0	8.9	9.2	8.9	4.0	3.9	4.2	3.6	0.110	0.013	0.121	0.030
21:45:00	9.3	8.1	14.0	8.6	4.1	3.6	4.0	4.0	0.110	0.012	0.121	0.028
22:00:00	9.9	8.1	14.7	9.0	4.1	3.5	4.1	4.1	0.108	0.011	0.119	0.027
22:15:00	10.1	8.0	10.4	8.8	4.0	3.5	4.0	3.8	0.105	0.011	0.114	0.023
22:30:00	9.4	7.9	11.7	9.3	3.9	3.4	4.1	3.9	0.101	0.009	0.108	0.022
22:45:00	9.4	8.8	10.8	9.1	3.9	3.4	4.0	3.9	0.097	0.009	0.101	0.014
23:00:00	9.7	8.3	15.9	8.4	4.0	3.4	3.7	4.4	0.089	0.007	0.095	0.011
23:15:00	9.2	8.0	14.1	8.3	3.8	3.4	3.6	4.1	0.084	0.007	0.089	0.008
23:30:00	9.1	7.8	14.6	8.6	3.7	3.3	4.1	4.2	0.074	0.006	0.082	0.002
23:45:00	9.3	8.0	11.3	8.9	3.7	3.3	4.3	3.9	0.068	0.004	0.075	0.001



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

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