



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-10

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.18 to 11.59	2943 ESE	3061 N	2996 ESE	2997 NE	Min : 57.56 Max : 90.68	Min : 37.80 Max : 88.40	Min : 30.15 Max : 30.36

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	25.3	113.3	10.7	19.1	0.006	0.048
2996	18.8	26.8	9.8	14.9	0.005	0.045
2997	17.5	26.3	9.5	15.1	0.002	0.014
3061	19.3	29.7	9.9	15.2	0.000	0.002



Figure 1 : Monitoring Locations

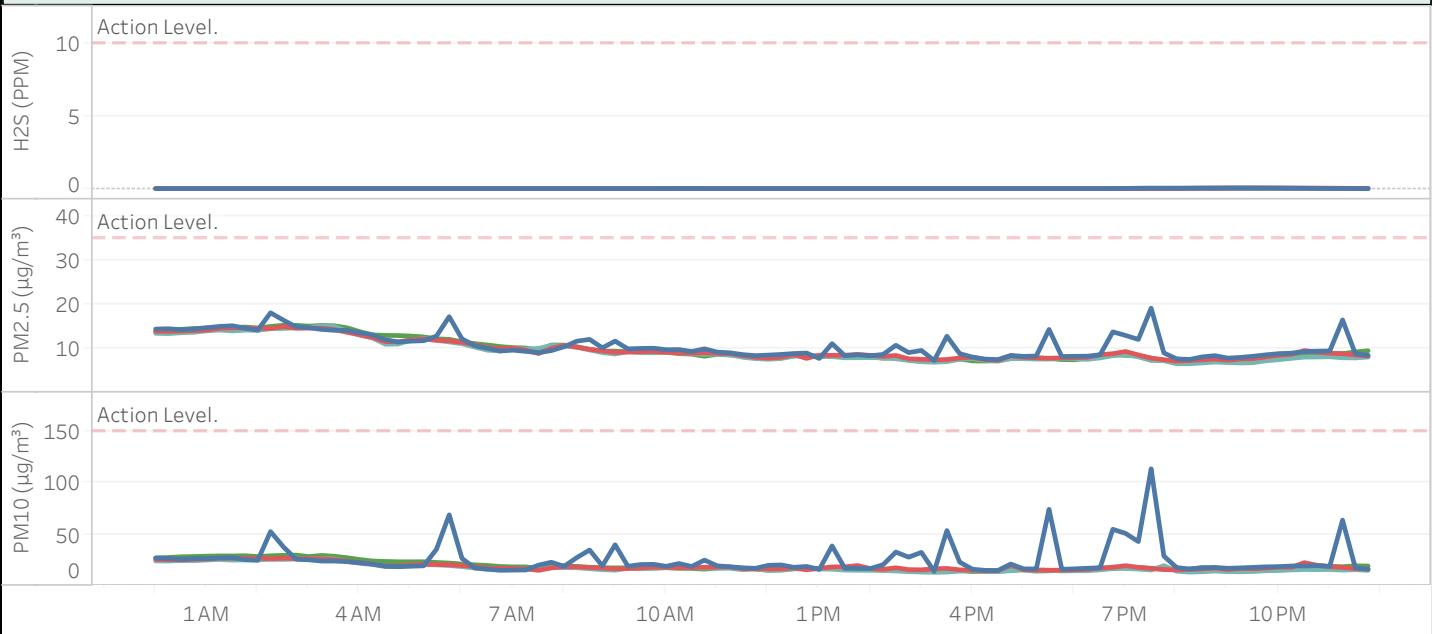


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

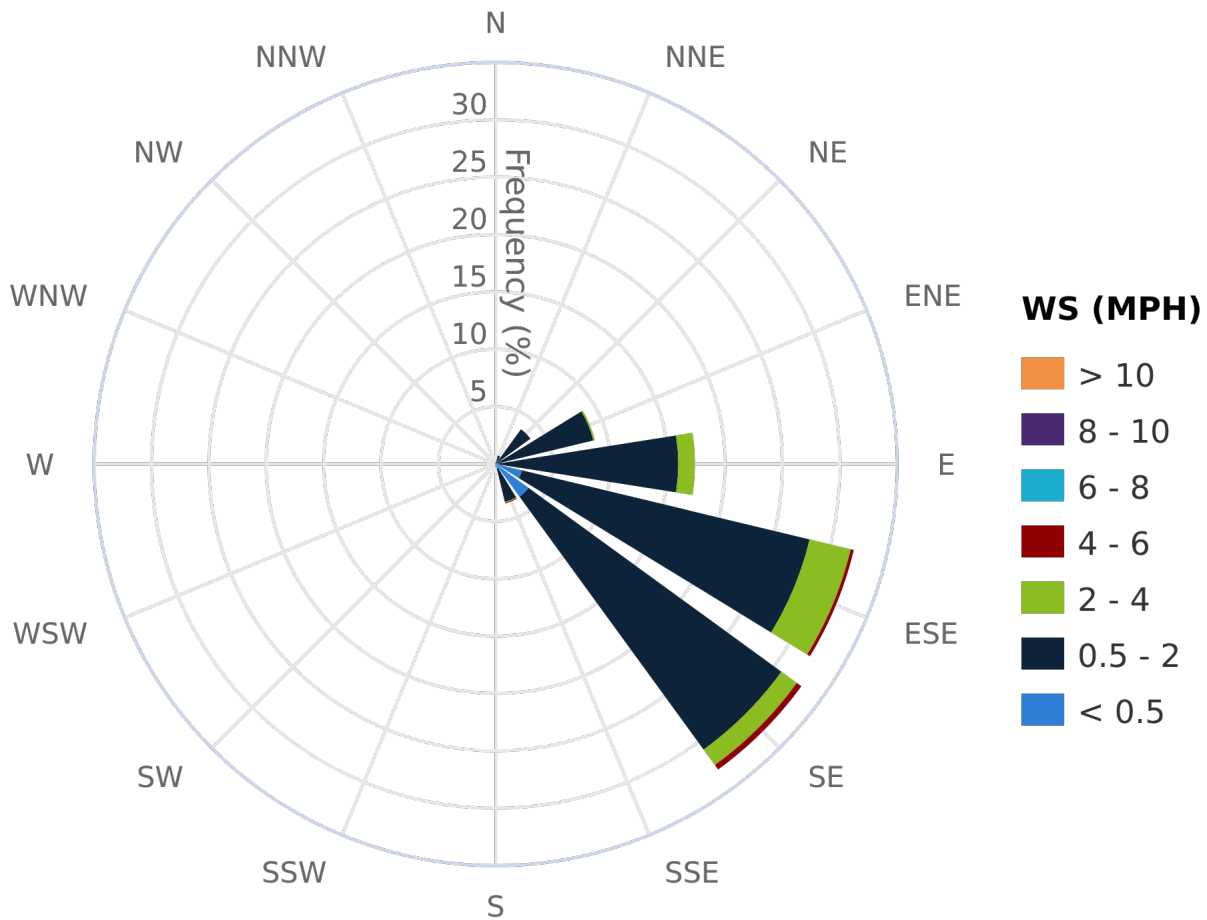


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

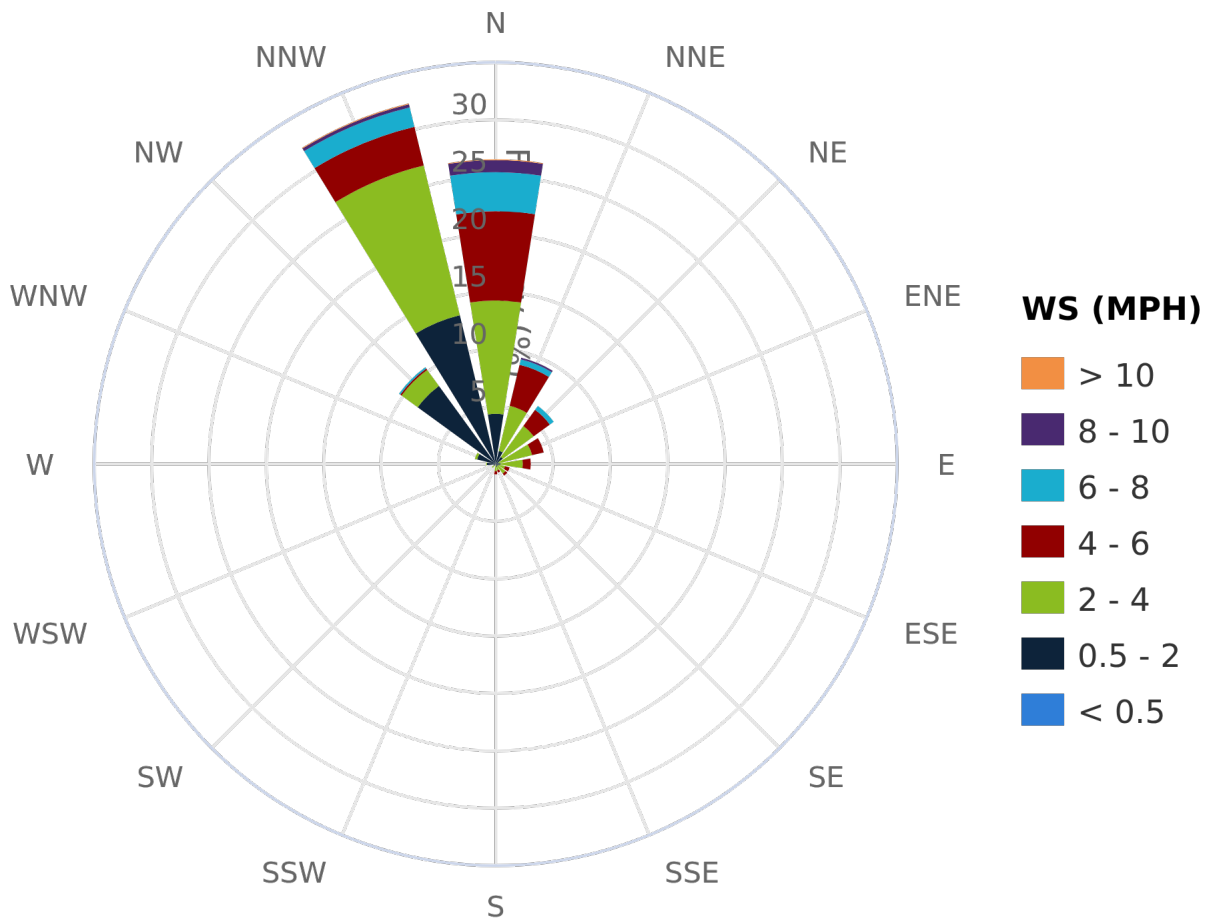


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

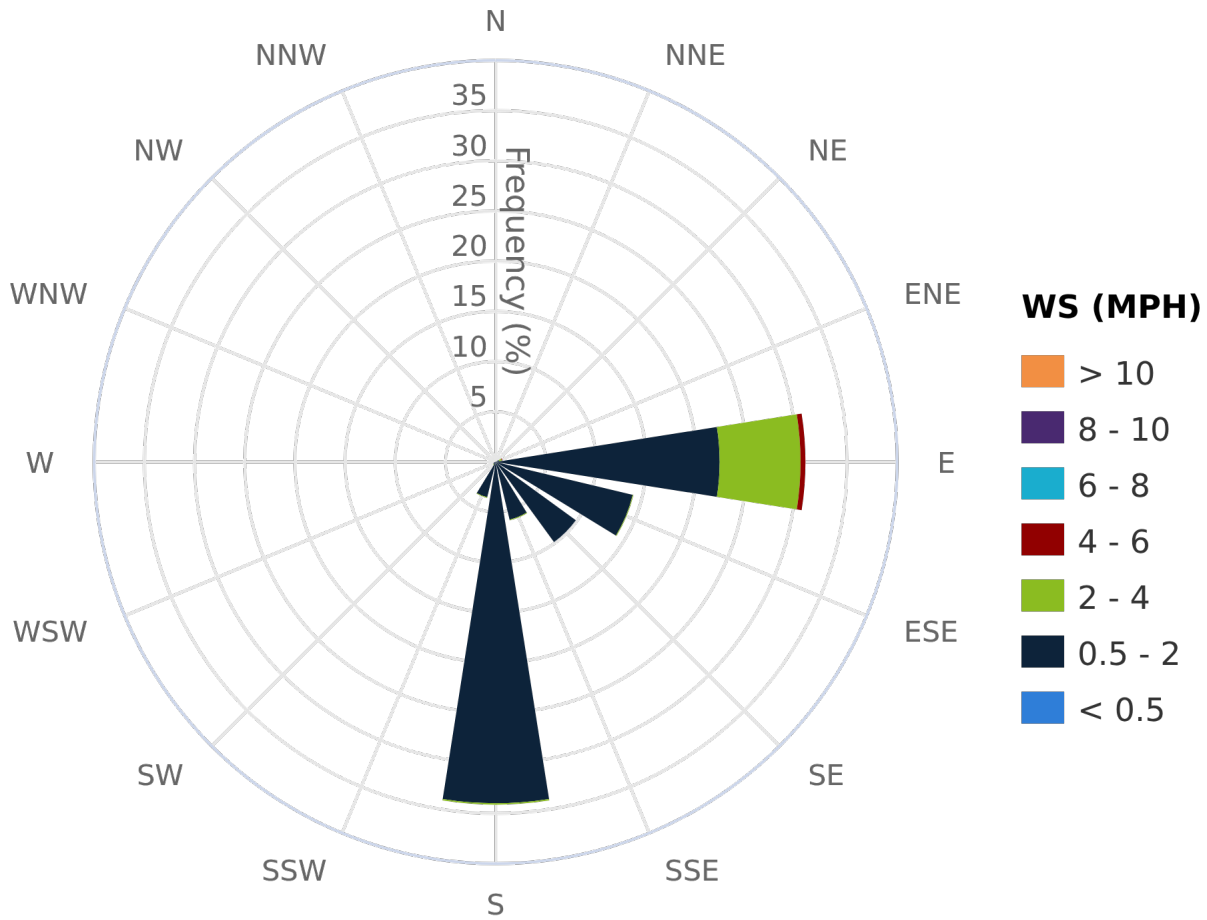


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

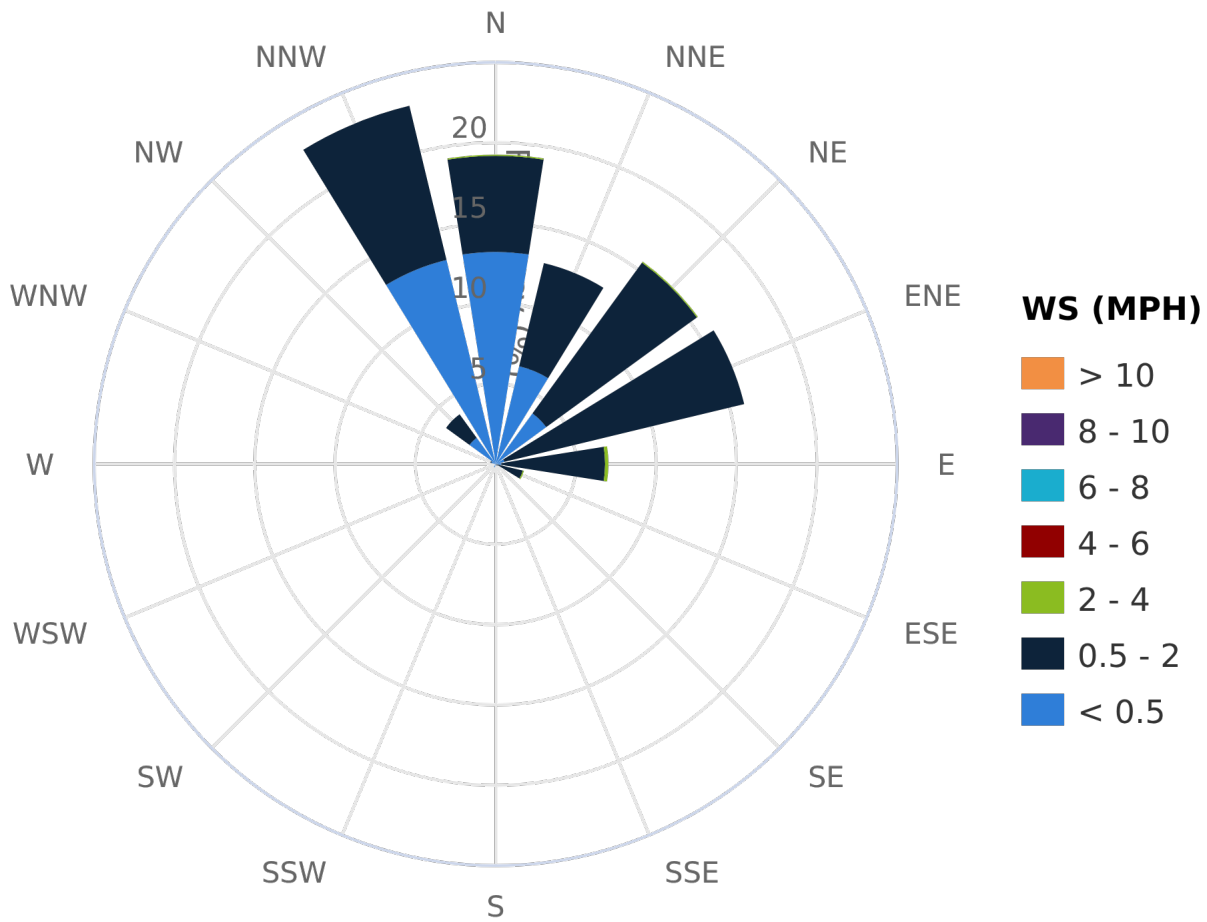


Figure 3 : Wind Rose Chart (WS in MPH)



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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	26.8	27.0	24.0	25.6	14.4	13.9	13.9	13.4	0.000	0.000	0.000	0.000
00:15:00	26.5	27.4	24.0	25.3	14.4	14.0	13.9	13.3	0.000	0.000	0.000	0.000
00:30:00	25.6	28.1	24.4	25.0	14.2	14.3	13.9	13.5	0.000	0.000	0.000	0.000
00:45:00	26.4	28.3	24.3	25.7	14.4	14.5	14.0	13.6	0.000	0.000	0.000	0.000
01:00:00	26.4	28.7	25.0	25.8	14.7	14.6	14.1	14.0	0.000	0.000	0.000	0.000
01:15:00	26.9	29.0	25.5	26.8	15.0	14.7	14.5	14.1	0.000	0.000	0.000	0.000
01:30:00	27.2	28.8	24.8	26.6	15.1	14.7	14.6	13.9	0.000	0.000	0.000	0.000
01:45:00	25.3	29.1	25.0	26.8	14.6	14.8	14.6	14.1	0.000	0.000	0.000	0.000
02:00:00	24.7	28.3	25.0	26.8	14.1	14.6	14.6	14.1	0.000	0.000	0.000	0.000
02:15:00	52.5	29.0	25.6	26.1	18.0	15.0	14.5	14.4	0.000	0.000	0.000	0.000
02:30:00	37.8	29.5	25.5	26.7	16.4	15.2	14.9	14.5	0.000	0.000	0.000	0.000
02:45:00	25.7	29.7	25.9	26.3	14.9	15.2	14.5	14.7	0.000	0.000	0.000	0.000
03:00:00	25.1	28.3	25.7	26.3	14.7	15.0	14.6	14.7	0.000	0.000	0.000	0.000
03:15:00	23.9	29.4	26.3	26.0	14.3	15.2	14.5	15.1	0.000	0.000	0.000	0.000
03:30:00	23.9	28.6	26.0	25.3	14.1	15.1	14.3	15.0	0.000	0.000	0.000	0.000
03:45:00	23.4	27.2	23.4	23.7	14.1	14.6	13.6	13.9	0.000	0.000	0.000	0.000
04:00:00	22.2	25.3	21.9	22.4	13.5	13.8	13.1	13.0	0.000	0.000	0.000	0.000
04:15:00	21.0	24.0	20.5	21.1	13.0	13.1	12.4	12.3	0.000	0.000	0.000	0.000
04:30:00	19.1	23.5	18.5	19.1	12.0	12.9	11.5	10.9	0.000	0.000	0.000	0.000
04:45:00	18.4	23.2	18.7	19.1	11.5	12.9	11.5	11.0	0.000	0.000	0.000	0.000
05:00:00	18.9	23.2	19.8	20.2	11.6	12.8	11.9	11.9	0.000	0.000	0.000	0.000
05:15:00	19.4	23.3	20.5	20.9	11.7	12.6	12.1	12.2	0.000	0.000	0.000	0.000
05:30:00	35.3	22.6	20.2	20.6	12.8	12.2	11.8	11.8	0.000	0.000	0.000	0.000
05:45:00	68.7	22.0	19.6	20.3	17.2	12.0	11.7	11.4	0.000	0.000	0.000	0.000
06:00:00	26.5	21.0	18.5	19.5	12.2	11.5	11.4	11.0	0.000	0.000	0.000	0.000
06:15:00	17.2	20.3	17.1	18.7	10.6	11.1	10.8	10.3	0.000	0.000	0.000	0.000
06:30:00	16.1	19.7	16.0	17.0	10.0	10.8	10.2	9.6	0.000	0.000	0.000	0.000
06:45:00	15.0	18.7	15.6	16.9	9.4	10.4	10.0	9.4	0.000	0.000	0.000	0.000
07:00:00	15.2	18.3	16.5	16.9	9.6	10.2	10.1	10.0	0.000	0.000	0.000	0.000
07:15:00	15.3	18.3	16.1	16.4	9.3	10.1	9.6	9.8	0.000	0.000	0.000	0.000
07:30:00	20.0	16.8	16.0	14.9	9.0	9.6	8.8	10.0	0.000	0.000	0.000	0.000
07:45:00	22.8	19.4	17.6	17.3	9.5	10.8	10.0	10.7	0.000	0.000	0.000	0.000
08:00:00	18.8	19.5	17.5	18.6	10.4	10.7	10.7	10.6	0.000	0.000	0.000	0.000
08:15:00	27.3	18.7	17.5	18.2	11.6	10.4	10.3	10.3	0.000	0.000	0.000	0.000
08:30:00	34.7	17.9	16.5	17.8	12.0	9.8	9.8	9.6	0.000	0.000	0.000	0.000
08:45:00	19.2	17.5	15.6	17.1	10.1	9.4	9.4	9.1	0.000	0.000	0.000	0.000
09:00:00	39.7	17.3	15.1	16.4	11.6	9.4	9.1	8.7	0.000	0.000	0.000	0.000
09:15:00	18.9	17.4	17.0	16.7	9.9	9.3	9.2	9.2	0.000	0.000	0.000	0.000
09:30:00	20.6	17.4	16.4	17.3	10.0	9.3	9.2	9.0	0.000	0.000	0.000	0.000
09:45:00	20.8	17.3	16.9	18.0	10.0	9.1	9.3	9.1	0.000	0.000	0.000	0.000
10:00:00	18.9	17.6	17.4	17.8	9.7	9.1	9.1	9.1	0.000	0.000	0.000	0.000
10:15:00	21.5	16.9	17.1	17.6	9.7	8.8	9.0	9.0	0.002	0.001	0.000	0.000
10:30:00	18.7	16.8	17.6	17.5	9.3	8.7	8.9	8.8	0.005	0.002	0.000	0.002
10:45:00	24.8	16.0	17.0	17.9	9.9	8.2	9.0	8.7	0.000	0.001	0.000	0.009
11:00:00	19.3	17.1	17.1	18.1	9.2	8.7	8.9	8.7	0.000	0.001	0.000	0.014
11:15:00	18.4	17.7	16.9	18.3	9.0	8.5	8.8	8.5	0.000	0.001	0.000	0.013
11:30:00	17.4	17.1	15.5	16.5	8.6	8.4	8.4	8.0	0.000	0.001	0.000	0.011
11:45:00	16.9	16.3	16.5	16.3	8.4	8.0	8.0	7.7	0.000	0.000	0.000	0.007



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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	19.8	15.2	14.8	16.4	8.5	7.7	7.8	7.5	0.000	0.000	0.000	0.003
12:15:00	20.2	15.6	15.0	16.3	8.6	7.8	8.0	7.7	0.000	0.000	0.000	0.001
12:30:00	17.9	16.5	16.4	17.2	8.8	8.3	8.6	8.2	0.000	0.000	0.000	0.000
12:45:00	18.7	17.1	16.7	15.5	8.9	8.6	7.7	8.5	0.000	0.000	0.000	0.000
13:00:00	15.8	16.6	16.3	16.9	7.7	8.2	8.5	8.2	0.000	0.000	0.000	0.000
13:15:00	38.6	16.7	16.0	18.3	11.1	8.3	8.4	8.1	0.000	0.000	0.000	0.000
13:30:00	16.9	16.2	15.2	18.3	8.3	8.1	8.5	7.9	0.000	0.000	0.000	0.000
13:45:00	16.9	16.4	15.0	19.6	8.6	8.2	8.6	7.9	0.000	0.000	0.000	0.000
14:00:00	16.7	16.1	15.0	16.6	8.3	8.1	8.4	7.9	0.000	0.000	0.000	0.000
14:15:00	20.4	15.2	14.8	15.9	8.6	7.8	8.2	7.9	0.000	0.000	0.000	0.000
14:30:00	32.7	15.1	14.3	17.4	10.7	7.9	8.4	7.7	0.000	0.000	0.000	0.000
14:45:00	27.7	14.2	13.7	15.6	9.0	7.4	7.6	7.3	0.000	0.000	0.000	0.000
15:00:00	32.4	13.6	13.3	15.4	9.5	7.1	7.5	7.0	0.000	0.000	0.000	0.000
15:15:00	14.0	13.7	13.0	16.5	7.3	7.1	7.4	6.9	0.000	0.000	0.000	0.000
15:30:00	53.5	13.9	13.2	16.8	12.7	7.4	7.5	7.0	0.000	0.000	0.000	0.000
15:45:00	22.9	14.5	14.3	15.4	8.8	7.6	7.8	7.5	0.000	0.000	0.000	0.000
16:00:00	16.0	13.8	14.9	15.2	8.0	7.2	8.0	7.7	0.000	0.000	0.000	0.000
16:15:00	14.9	13.9	13.6	14.4	7.6	7.1	7.4	7.3	0.000	0.000	0.000	0.000
16:30:00	14.8	14.0	13.8	14.6	7.5	7.3	7.3	7.1	0.000	0.000	0.000	0.000
16:45:00	21.1	15.0	14.5	20.1	8.4	7.7	8.3	7.7	0.000	0.000	0.000	0.000
17:00:00	16.4	15.8	15.2	15.4	8.2	8.1	8.0	7.7	0.000	0.000	0.000	0.000
17:15:00	16.2	15.3	14.0	15.1	8.3	7.9	7.9	7.6	0.000	0.000	0.000	0.000
17:30:00	74.1	15.0	14.4	15.0	14.3	7.7	7.8	7.6	0.000	0.000	0.000	0.000
17:45:00	16.0	14.4	14.8	15.2	8.2	7.5	7.9	7.8	0.000	0.000	0.000	0.000
18:00:00	16.4	14.6	14.6	15.4	8.2	7.4	7.9	7.7	0.000	0.000	0.000	0.000
18:15:00	16.9	15.6	14.6	15.9	8.2	7.8	8.0	7.5	0.000	0.000	0.000	0.000
18:30:00	17.5	16.6	15.4	17.1	8.5	8.1	8.6	7.8	0.000	0.000	0.000	0.000
18:45:00	54.7	18.1	16.6	17.9	13.7	8.7	8.8	8.4	0.000	0.000	0.000	0.000
19:00:00	50.7	17.5	16.7	19.5	12.9	8.4	9.3	8.5	0.014	0.000	0.000	0.002
19:15:00	42.8	17.8	16.2	17.9	12.0	8.4	8.5	8.1	0.026	0.001	0.000	0.009
19:30:00	113.3	16.9	15.2	16.7	19.1	7.8	7.8	7.3	0.036	0.001	0.000	0.011
19:45:00	28.7	16.2	19.5	15.7	9.0	7.3	7.4	7.2	0.033	0.001	0.000	0.012
20:00:00	17.6	15.9	14.1	15.4	7.6	7.2	7.1	6.5	0.034	0.001	0.006	0.011
20:15:00	16.3	16.1	13.2	15.9	7.5	7.3	7.2	6.5	0.039	0.001	0.016	0.013
20:30:00	17.4	17.6	13.6	16.3	8.1	7.5	7.4	6.7	0.042	0.001	0.028	0.014
20:45:00	17.8	17.0	14.3	17.1	8.4	7.6	7.6	6.9	0.044	0.001	0.032	0.013
21:00:00	16.9	16.4	13.6	15.7	7.8	7.4	7.3	6.8	0.047	0.001	0.039	0.013
21:15:00	17.3	16.7	13.6	16.7	8.0	7.5	7.6	6.7	0.048	0.001	0.043	0.012
21:30:00	17.8	16.9	13.8	16.5	8.2	7.7	7.7	6.8	0.046	0.000	0.045	0.009
21:45:00	18.3	17.3	14.5	17.0	8.5	8.0	8.1	7.2	0.041	0.000	0.042	0.006
22:00:00	18.5	17.9	14.7	18.0	8.8	8.3	8.5	7.4	0.038	0.000	0.043	0.003
22:15:00	19.2	18.0	15.3	17.9	8.9	8.5	8.6	7.8	0.030	0.000	0.039	0.000
22:30:00	19.2	18.9	15.7	22.4	9.3	8.9	9.5	8.0	0.024	0.000	0.036	0.000
22:45:00	19.5	19.1	15.7	19.9	9.4	8.9	9.2	8.1	0.016	0.000	0.034	0.000
23:00:00	18.9	18.8	15.7	18.5	9.4	8.9	8.9	8.1	0.012	0.000	0.028	0.000
23:15:00	63.6	18.4	15.1	17.7	16.4	8.8	8.8	7.9	0.007	0.000	0.023	0.000
23:30:00	17.5	19.3	15.5	16.6	8.8	9.2	8.5	7.8	0.001	0.000	0.020	0.000
23:45:00	16.0	19.1	15.0	16.2	8.4	9.5	8.3	8.0	0.001	0.000	0.018	0.000



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

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