



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-11

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.067 to 8.992	2943 SE	3061 SSW	2996 SSE	2997 NNE	Min : 69.08 Max : 102.2	Min : 41.90 Max : 88.40	Min : 29.91 Max : 30.10

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	12.8	26.1	5.6	9.3	0.005	0.041
2996	11.5	33.2	5.8	12.0	0.001	0.013
2997	28.2	130.7	6.3	11.8	0.002	0.022
3061	11.5	23.1	5.4	8.2	0.001	0.006



Figure 1 : Monitoring Locations

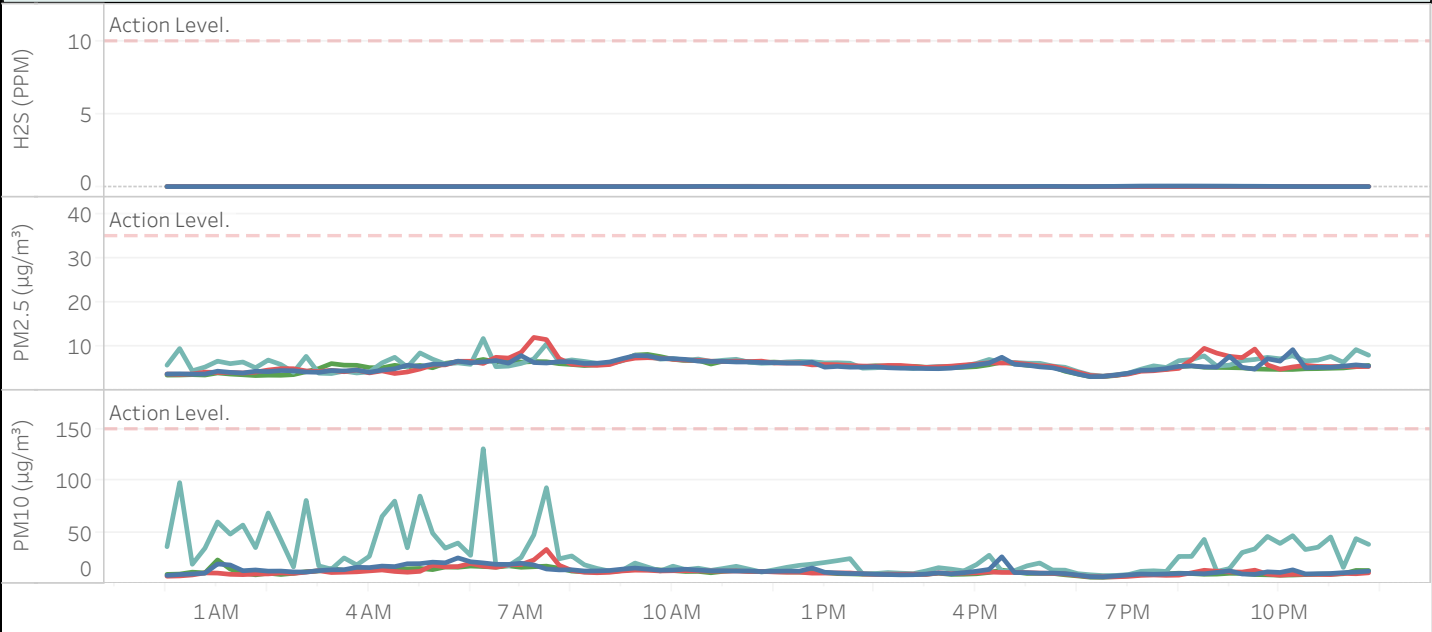


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

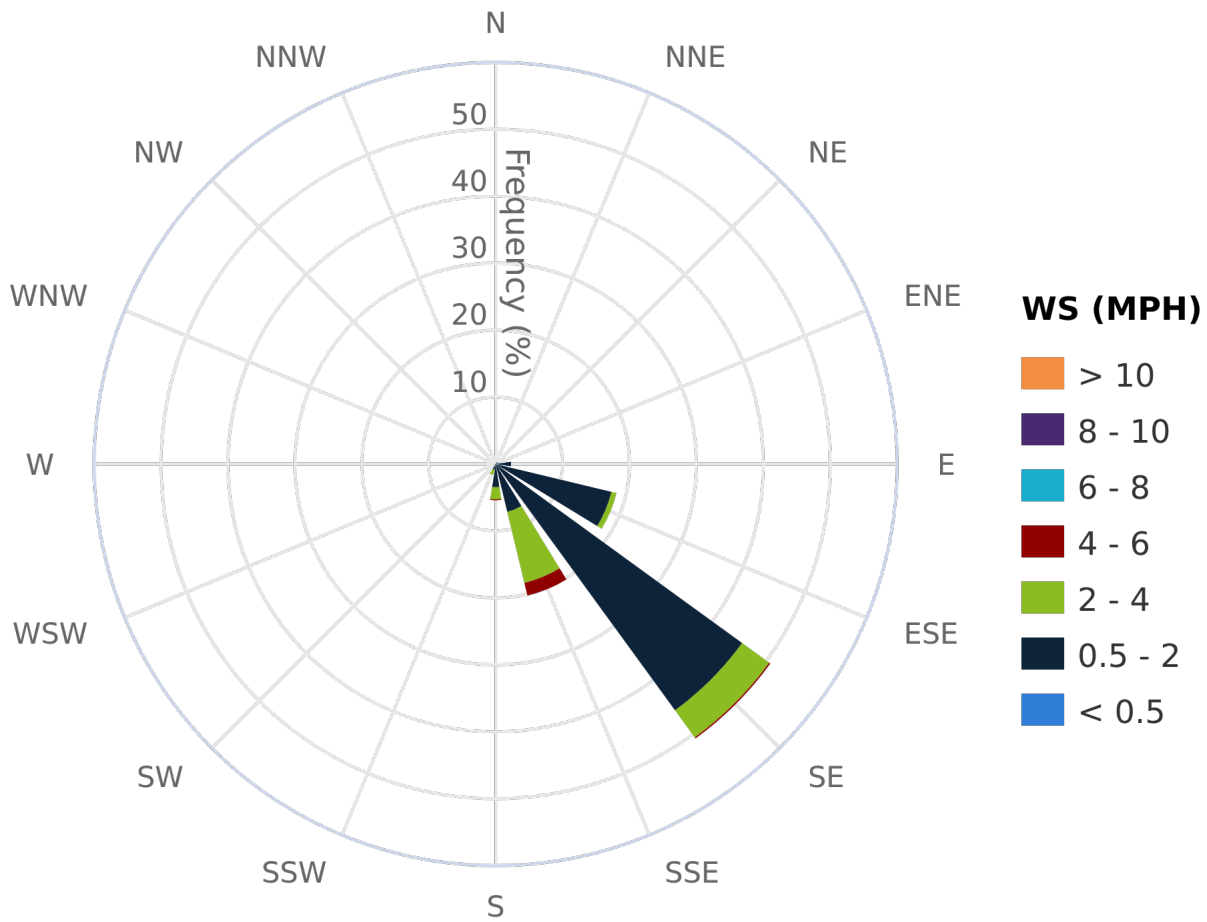


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-06-11

Wind Rose Chart 3061

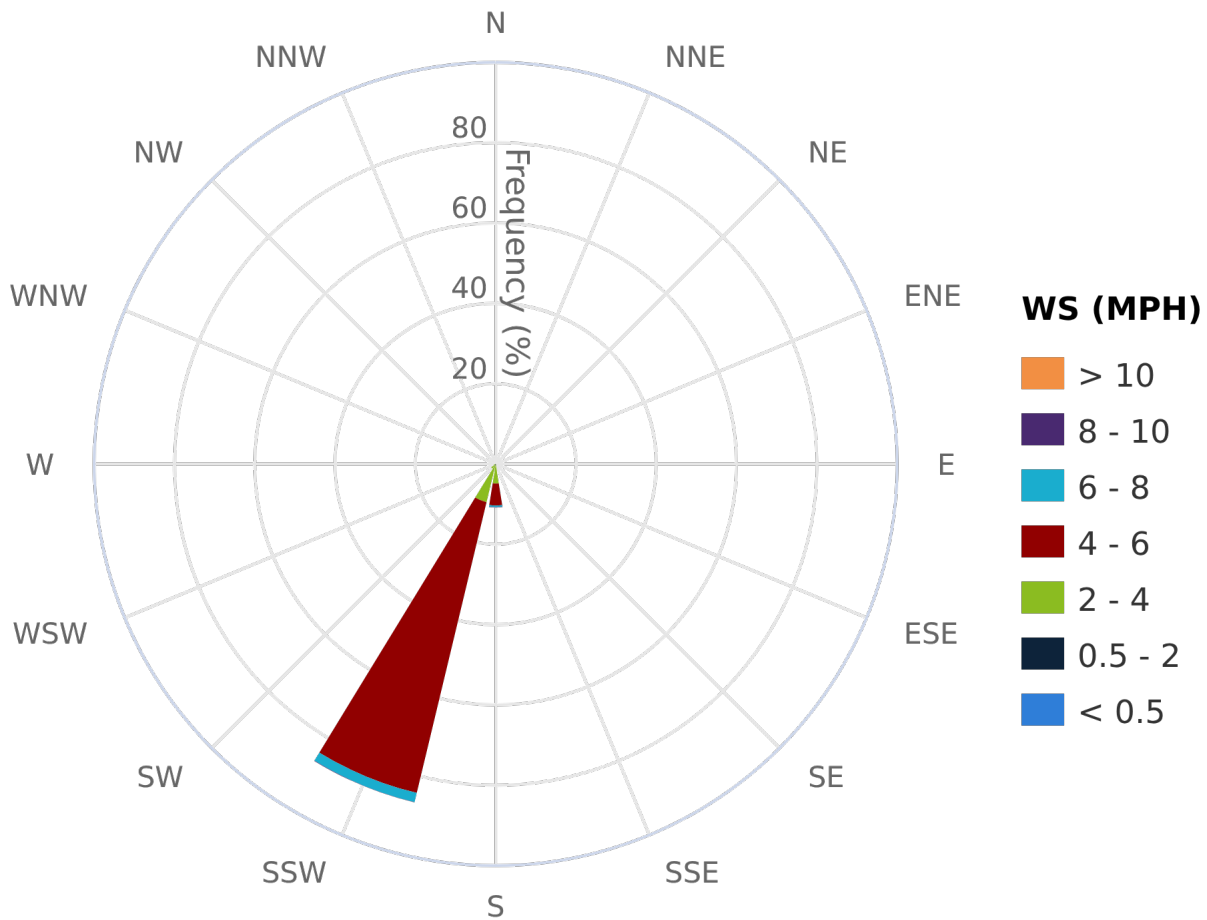


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-06-11

Wind Rose Chart 2996

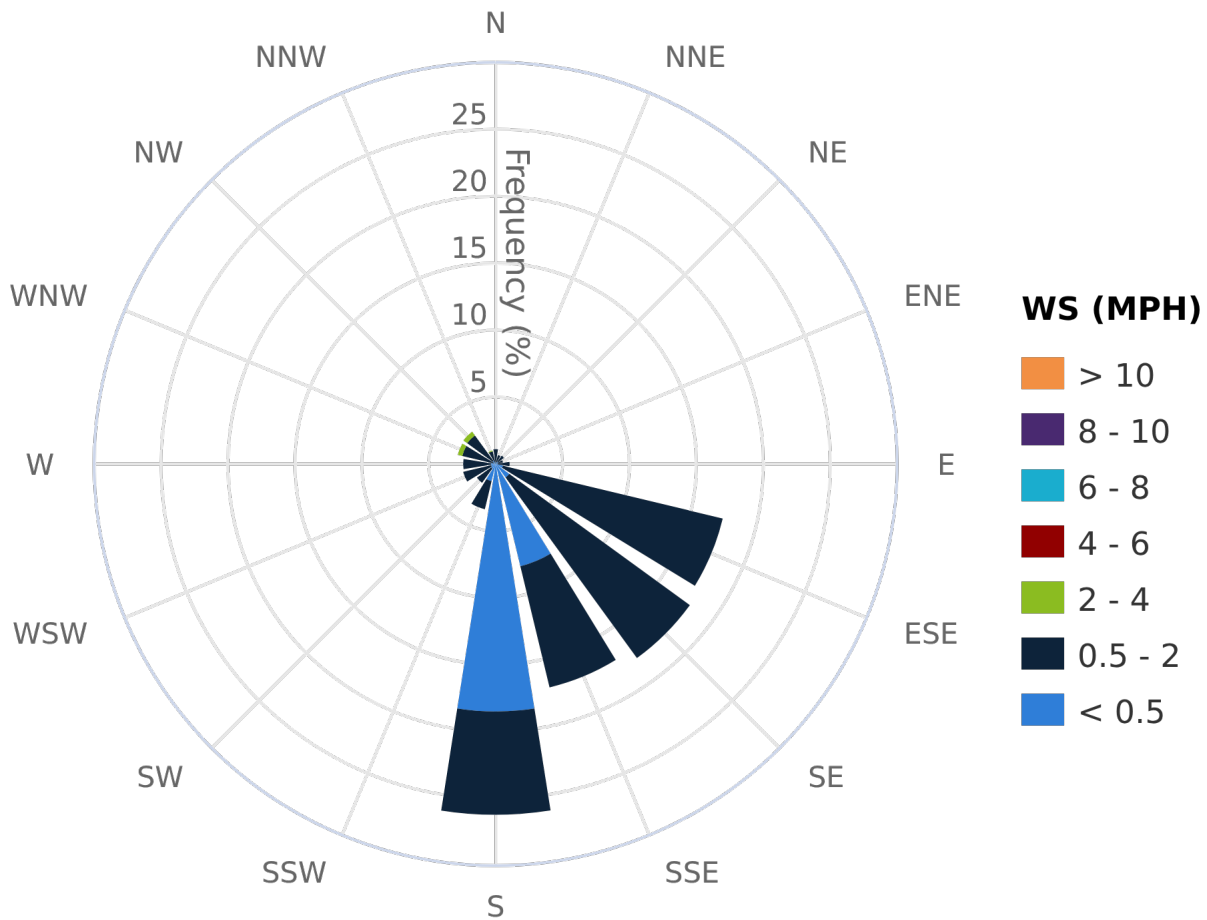


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

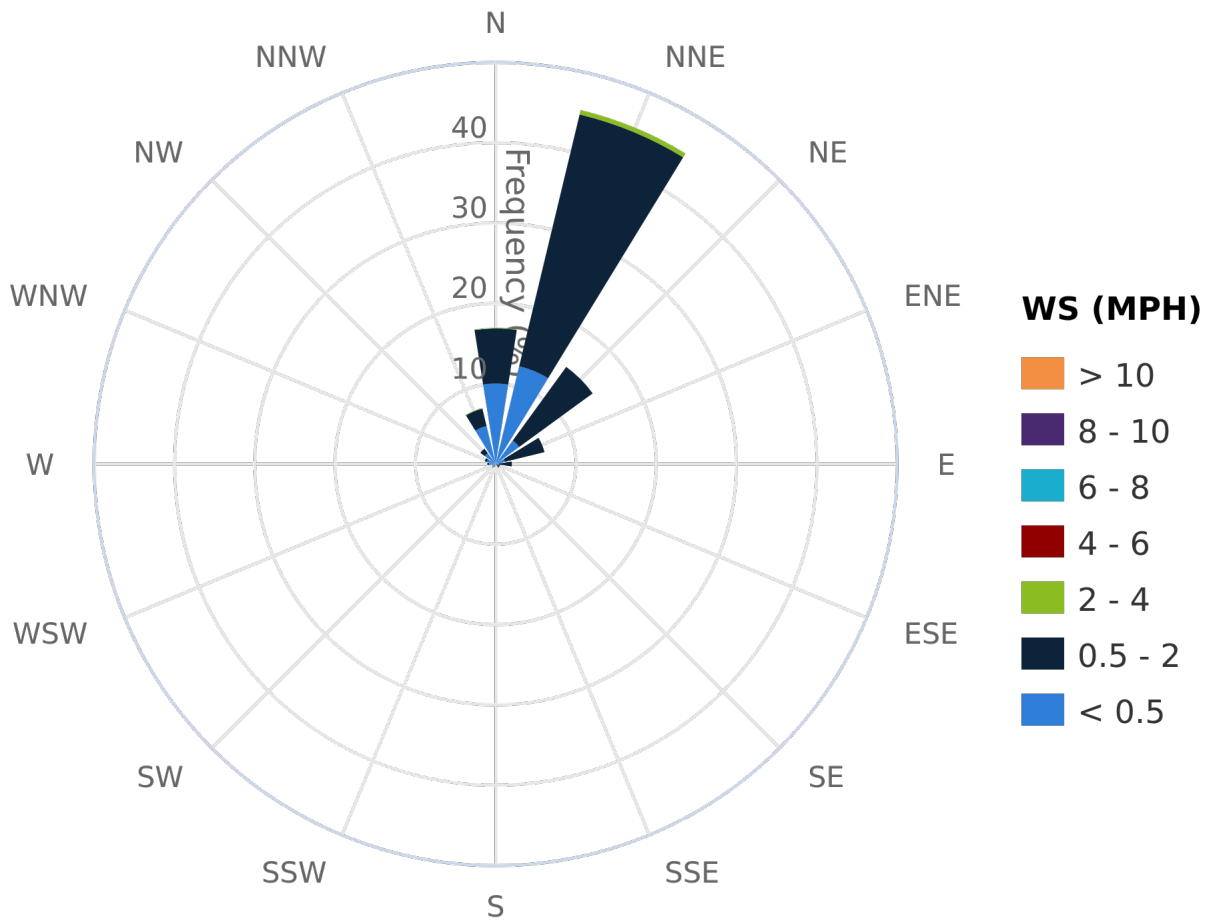


Figure 3 : Wind Rose Chart (WS in MPH)



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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	8.1	9.1	35.9	7.3	3.8	3.5	3.8	5.8	0.000	0.000	0.000	0.000
00:15:00	9.0	9.4	98.0	7.6	3.8	3.5	3.7	9.5	0.000	0.000	0.000	0.000
00:30:00	9.5	11.2	18.9	8.6	3.7	3.6	3.8	4.5	0.000	0.000	0.001	0.000
00:45:00	10.3	10.5	34.5	10.5	3.8	3.5	4.2	5.3	0.000	0.000	0.000	0.000
01:00:00	19.2	23.1	59.9	10.3	4.4	4.0	4.1	6.7	0.000	0.000	0.000	0.000
01:15:00	18.2	14.2	48.1	9.1	4.1	3.8	4.1	6.1	0.000	0.000	0.000	0.000
01:30:00	12.6	10.4	56.8	8.9	4.0	3.6	4.0	6.5	0.000	0.000	0.000	0.000
01:45:00	13.4	8.7	35.0	9.4	4.4	3.4	4.2	5.2	0.000	0.000	0.000	0.000
02:00:00	12.2	10.3	68.5	9.6	4.3	3.5	4.7	6.9	0.000	0.000	0.000	0.000
02:15:00	12.3	9.0	42.7	10.6	4.5	3.5	5.0	5.9	0.000	0.000	0.000	0.000
02:30:00	11.5	10.1	16.4	10.0	4.5	3.6	5.0	4.1	0.000	0.000	0.000	0.000
02:45:00	11.4	11.7	80.7	11.3	4.2	4.3	4.5	7.7	0.000	0.000	0.000	0.000
03:00:00	12.7	12.4	17.3	12.7	4.1	5.0	4.3	3.9	0.000	0.000	0.000	0.000
03:15:00	13.5	14.5	14.2	10.9	4.5	6.1	4.6	3.9	0.000	0.000	0.000	0.000
03:30:00	13.6	13.1	25.0	11.2	4.4	5.8	4.3	4.4	0.000	0.000	0.000	0.000
03:45:00	16.0	14.3	18.2	11.6	4.7	5.7	4.7	4.0	0.000	0.000	0.000	0.000
04:00:00	15.7	14.3	26.6	12.5	4.1	5.2	4.0	4.2	0.000	0.000	0.000	0.000
04:15:00	17.1	15.6	65.2	13.4	4.6	5.2	4.5	6.3	0.000	0.000	0.000	0.000
04:30:00	16.6	14.2	80.1	11.9	4.9	5.7	3.9	7.5	0.000	0.000	0.000	0.000
04:45:00	19.4	14.5	34.8	11.2	5.7	5.4	4.2	5.3	0.000	0.000	0.000	0.000
05:00:00	19.5	14.8	84.9	12.0	5.5	5.7	4.9	8.5	0.000	0.000	0.000	0.000
05:15:00	20.9	13.7	49.0	18.0	6.0	5.2	5.8	7.1	0.000	0.000	0.000	0.000
05:30:00	20.3	16.3	34.5	16.4	6.0	6.2	5.8	6.0	0.000	0.000	0.000	0.000
05:45:00	25.1	16.0	39.4	16.7	6.7	6.5	6.6	6.3	0.000	0.000	0.000	0.000
06:00:00	21.3	17.1	27.5	19.7	6.3	6.5	6.6	5.9	0.000	0.000	0.000	0.000
06:15:00	20.2	16.7	130.7	17.1	6.5	7.0	6.1	11.8	0.000	0.000	0.000	0.000
06:30:00	18.8	16.1	17.8	15.9	6.8	6.5	7.5	5.4	0.000	0.000	0.000	0.000
06:45:00	18.8	17.4	17.4	18.5	6.2	6.9	7.4	5.6	0.000	0.000	0.000	0.000
07:00:00	19.9	16.0	25.5	18.6	7.9	6.4	8.6	6.1	0.000	0.000	0.000	0.000
07:15:00	18.2	16.5	47.3	23.1	6.4	6.6	12.0	7.2	0.000	0.000	0.000	0.000
07:30:00	14.3	17.1	93.0	33.2	6.2	6.5	11.5	10.5	0.000	0.000	0.000	0.000
07:45:00	13.4	15.1	24.1	17.9	6.5	6.1	7.2	6.5	0.000	0.000	0.000	0.000
08:00:00	13.5	12.3	26.9	12.9	6.5	5.9	6.0	6.9	0.000	0.000	0.000	0.000
08:15:00	12.4	11.6	18.3	11.1	6.1	5.7	5.8	6.6	0.000	0.000	0.000	0.000
08:30:00	12.4	11.5	14.8	10.7	6.2	5.8	5.7	6.2	0.000	0.000	0.000	0.000
08:45:00	12.9	11.7	12.2	11.1	6.5	6.1	5.9	6.1	0.000	0.000	0.000	0.000
09:00:00	14.2	12.8	13.1	12.4	7.2	6.8	6.8	6.8	0.000	0.000	0.000	0.000
09:15:00	15.2	14.1	20.0	13.2	7.9	8.0	7.3	8.0	0.000	0.000	0.000	0.000
09:30:00	14.2	14.3	16.1	13.0	7.9	8.2	7.5	7.7	0.000	0.001	0.000	0.000
09:45:00	13.1	13.3	12.3	12.4	7.2	7.7	7.3	7.1	0.000	0.001	0.000	0.000
10:00:00	13.3	12.8	17.0	12.6	7.2	7.1	7.1	7.3	0.000	0.000	0.000	0.000
10:15:00	14.1	11.9	13.7	12.7	7.1	6.8	6.9	6.9	0.000	0.000	0.000	0.001
10:30:00	13.2	12.0	15.0	12.6	6.7	6.9	6.9	7.1	0.009	0.000	0.000	0.010
10:45:00	12.5	10.7	13.0	12.3	6.6	6.0	6.7	6.6	0.012	0.000	0.000	0.015
11:00:00	12.6	12.1	14.8	12.2	6.6	6.7	6.6	6.9	0.009	0.000	0.000	0.016
11:15:00	12.3	13.0	16.9	12.4	6.5	6.8	6.7	7.1	0.003	0.000	0.000	0.019
11:30:00	12.4	12.1	14.2	11.9	6.5	6.5	6.6	6.5	0.000	0.000	0.000	0.022
11:45:00	11.8	11.7	11.4	12.0	6.4	6.4	6.7	6.2	0.000	0.000	0.000	0.018



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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	12.1	11.8	13.5	11.4	6.3	6.5	6.3	6.3	0.000	0.000	0.000	0.018
12:15:00	12.3	11.4	15.9	11.2	6.2	6.3	6.2	6.5	0.000	0.000	0.000	0.018
12:30:00	12.2	11.3	17.8	11.2	6.2	6.5	6.3	6.6	0.000	0.000	0.000	0.001
12:45:00	15.3	11.3	19.0	10.3	6.4	6.3	5.8	6.5	0.000	0.000	0.000	0.000
13:00:00	11.1	10.8	20.6	10.3	5.3	6.2	5.9	6.3	0.000	0.000	0.000	0.000
13:15:00	10.4	9.8	22.4	10.5	5.5	5.7	5.9	6.3	0.000	0.000	0.000	0.000
13:30:00	9.9	9.6	24.4	10.5	5.3	5.5	5.7	6.2	0.000	0.000	0.000	0.000
13:45:00	9.8	9.3	9.5	9.5	5.3	5.4	5.6	5.1	0.000	0.000	0.000	0.000
14:00:00	9.2	9.4	9.9	9.1	5.4	5.6	5.5	5.2	0.000	0.000	0.000	0.000
14:15:00	8.9	9.1	10.9	9.3	5.2	5.5	5.7	5.4	0.000	0.000	0.000	0.000
14:30:00	8.6	9.2	10.3	9.2	5.1	5.5	5.7	5.3	0.000	0.000	0.000	0.000
14:45:00	8.8	8.8	9.8	9.3	5.1	5.5	5.5	5.0	0.000	0.000	0.000	0.000
15:00:00	9.4	9.2	12.4	9.1	5.0	5.3	5.2	5.3	0.000	0.000	0.000	0.000
15:15:00	10.6	10.2	15.6	10.5	5.0	5.1	5.4	5.5	0.000	0.000	0.000	0.000
15:30:00	9.6	9.1	14.2	9.8	5.1	5.2	5.5	5.5	0.000	0.000	0.000	0.000
15:45:00	10.7	9.2	12.5	10.3	5.4	5.3	5.8	5.6	0.000	0.000	0.000	0.000
16:00:00	12.1	9.7	18.6	10.6	5.8	5.4	6.0	6.1	0.000	0.000	0.000	0.000
16:15:00	13.9	10.9	27.6	11.4	6.2	5.9	6.3	7.0	0.000	0.000	0.000	0.000
16:30:00	26.1	13.2	12.2	11.0	7.5	6.5	6.2	6.4	0.000	0.001	0.000	0.001
16:45:00	10.9	11.5	12.7	10.9	6.0	6.1	6.3	6.4	0.001	0.002	0.000	0.001
17:00:00	10.7	10.0	17.4	10.8	5.8	5.7	6.0	6.2	0.006	0.003	0.000	0.002
17:15:00	10.3	10.1	20.1	10.4	5.4	5.6	5.6	6.2	0.013	0.004	0.000	0.008
17:30:00	10.4	10.1	13.3	10.0	5.2	5.4	5.5	5.6	0.013	0.005	0.004	0.012
17:45:00	9.8	8.7	13.2	9.5	4.5	4.4	4.9	5.3	0.006	0.003	0.003	0.007
18:00:00	8.5	7.6	9.8	8.1	3.8	3.8	4.1	4.3	0.000	0.003	0.001	0.004
18:15:00	6.9	6.4	8.7	6.8	3.2	3.2	3.4	3.5	0.002	0.003	0.001	0.007
18:30:00	6.7	6.3	7.9	6.7	3.2	3.2	3.2	3.3	0.011	0.003	0.001	0.005
18:45:00	7.6	6.9	8.0	6.7	3.5	3.4	3.5	3.6	0.018	0.004	0.002	0.004
19:00:00	8.5	7.8	8.9	7.2	3.9	3.9	3.7	3.9	0.027	0.004	0.002	0.006
19:15:00	9.4	8.9	12.0	8.1	4.6	4.5	4.4	4.8	0.037	0.005	0.001	0.008
19:30:00	9.2	8.9	12.6	8.5	4.7	4.7	4.5	5.6	0.039	0.005	0.002	0.009
19:45:00	9.5	9.7	11.9	8.2	5.0	4.8	4.8	5.2	0.040	0.005	0.003	0.006
20:00:00	10.0	10.3	26.5	8.4	5.5	5.4	5.0	6.8	0.041	0.006	0.004	0.006
20:15:00	10.0	9.9	26.5	10.6	5.6	5.6	6.9	7.0	0.040	0.005	0.006	0.006
20:30:00	9.7	9.2	43.0	13.1	5.4	5.3	9.6	7.9	0.037	0.005	0.006	0.005
20:45:00	11.0	9.4	12.0	12.1	5.3	5.2	8.5	5.5	0.035	0.004	0.009	0.002
21:00:00	12.5	10.1	14.7	11.5	7.8	5.2	7.7	5.8	0.031	0.004	0.013	0.000
21:15:00	9.5	10.0	30.3	11.3	5.2	5.1	7.5	6.8	0.025	0.003	0.013	0.000
21:30:00	9.1	9.0	33.7	13.2	4.9	4.9	9.4	7.0	0.023	0.003	0.013	0.000
21:45:00	11.6	8.7	45.9	9.4	7.2	4.8	5.8	7.5	0.018	0.002	0.008	0.000
22:00:00	11.0	8.3	39.1	8.3	6.7	4.8	4.8	7.2	0.009	0.002	0.007	0.000
22:15:00	13.5	8.5	46.6	9.1	9.3	4.8	5.3	7.9	0.007	0.001	0.005	0.000
22:30:00	9.5	8.9	33.2	9.1	5.1	4.9	5.7	6.7	0.002	0.000	0.004	0.000
22:45:00	9.8	9.3	35.4	9.1	5.3	5.0	5.5	6.9	0.000	0.000	0.004	0.000
23:00:00	10.0	9.3	45.3	8.9	5.3	5.1	5.4	7.7	0.000	0.000	0.002	0.000
23:15:00	10.8	9.7	15.8	10.0	5.5	5.1	5.5	6.4	0.000	0.000	0.000	0.000
23:30:00	11.4	12.9	43.7	9.7	5.8	5.4	5.4	9.3	0.000	0.000	0.000	0.000
23:45:00	12.2	12.8	38.2	10.6	5.6	5.7	5.5	8.0	0.000	0.000	0.000	0.000



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

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