



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-03

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 7.896	2943 ESE	3061 N	2996 SSE	2997 NNE	Min : 54.50 Max : 88.88	Min : 30.60 Max : 89.10	Min : 26.73 Max : 32.47

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	6.7	14.7	2.9	6.6	0.006	0.040
2996	5.7	12.3	2.8	7.6	0.006	0.051
2997	6.9	13.5	2.9	6.4	0.005	0.037
3061	6.3	15.0	2.8	6.2	0.001	0.004



Figure 1 : Monitoring Locations

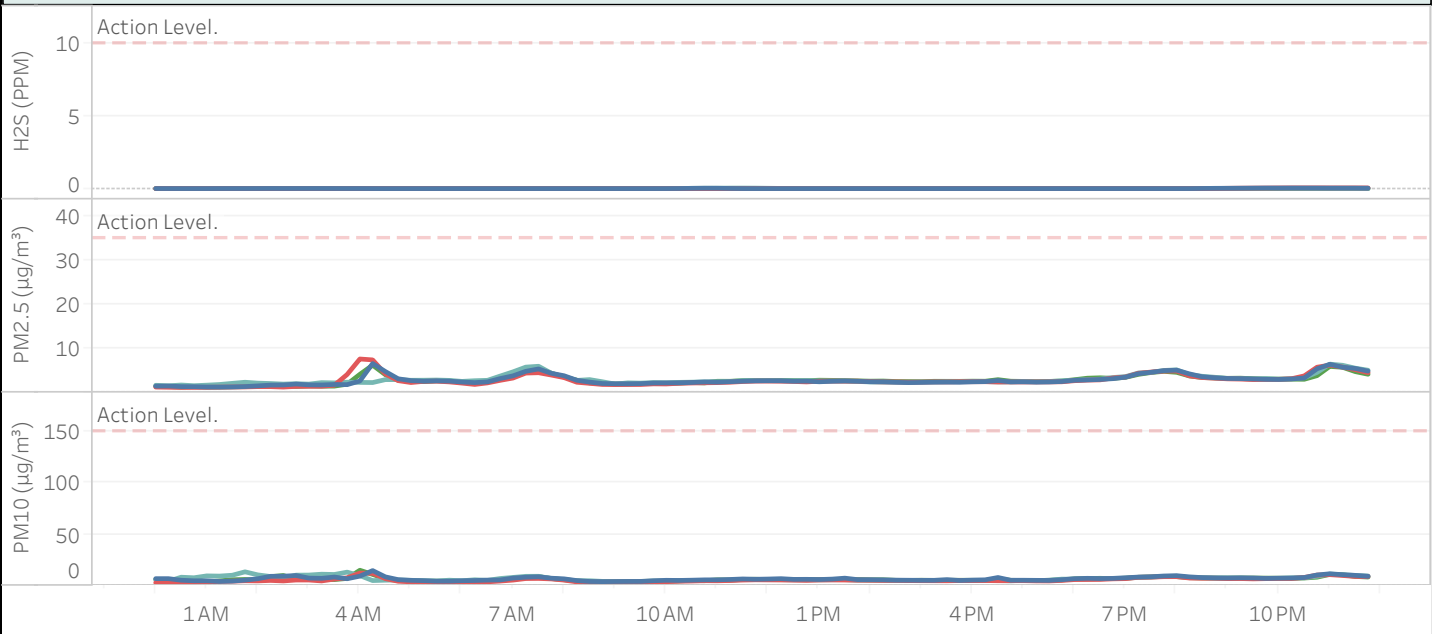


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

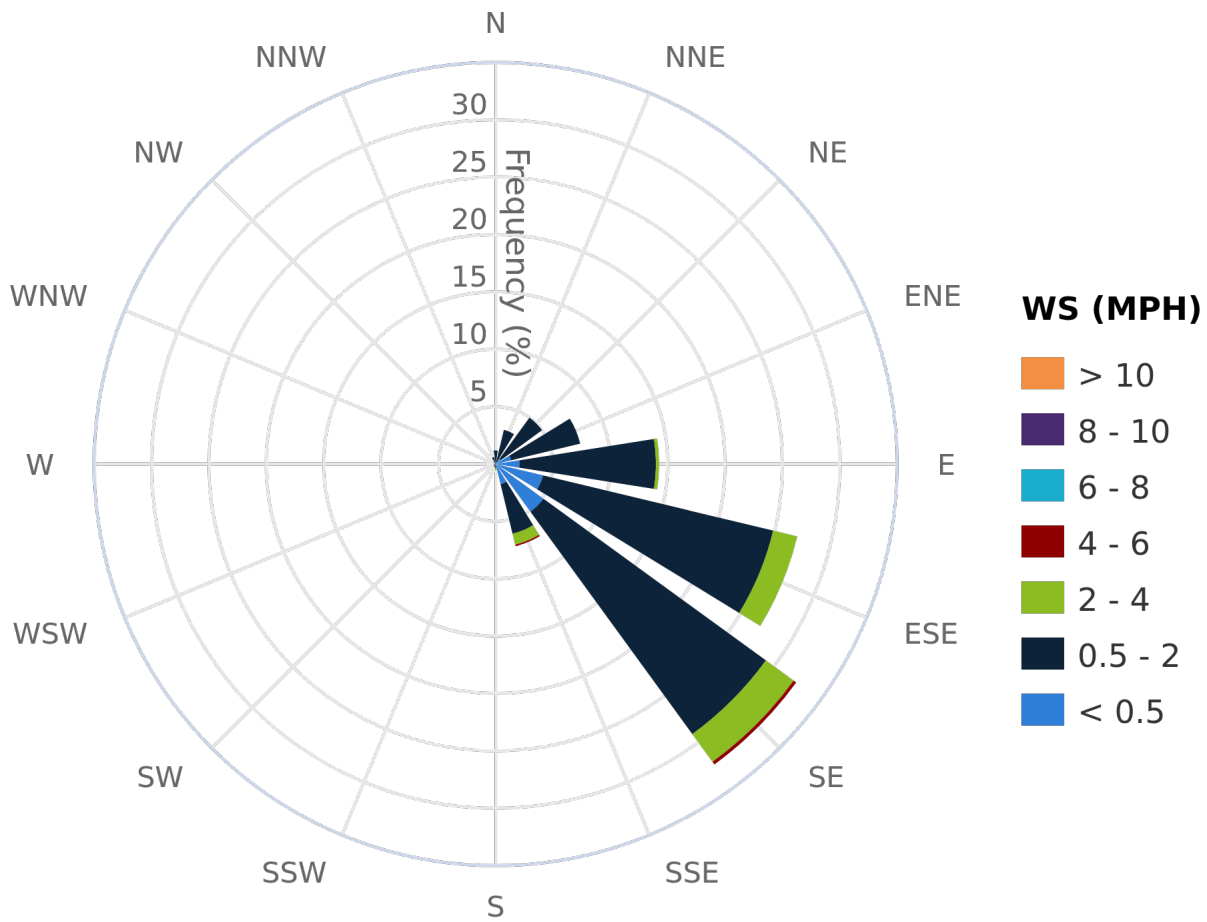


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

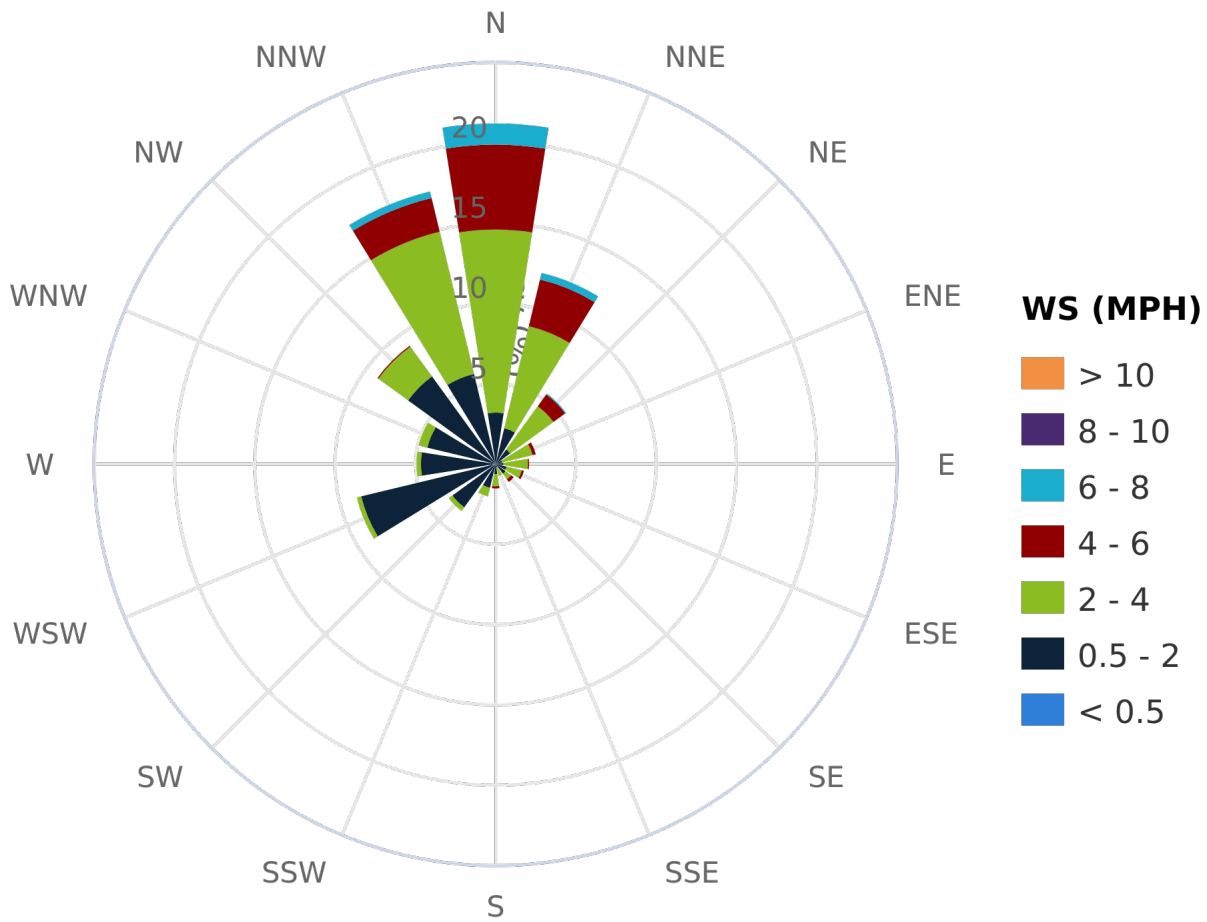


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

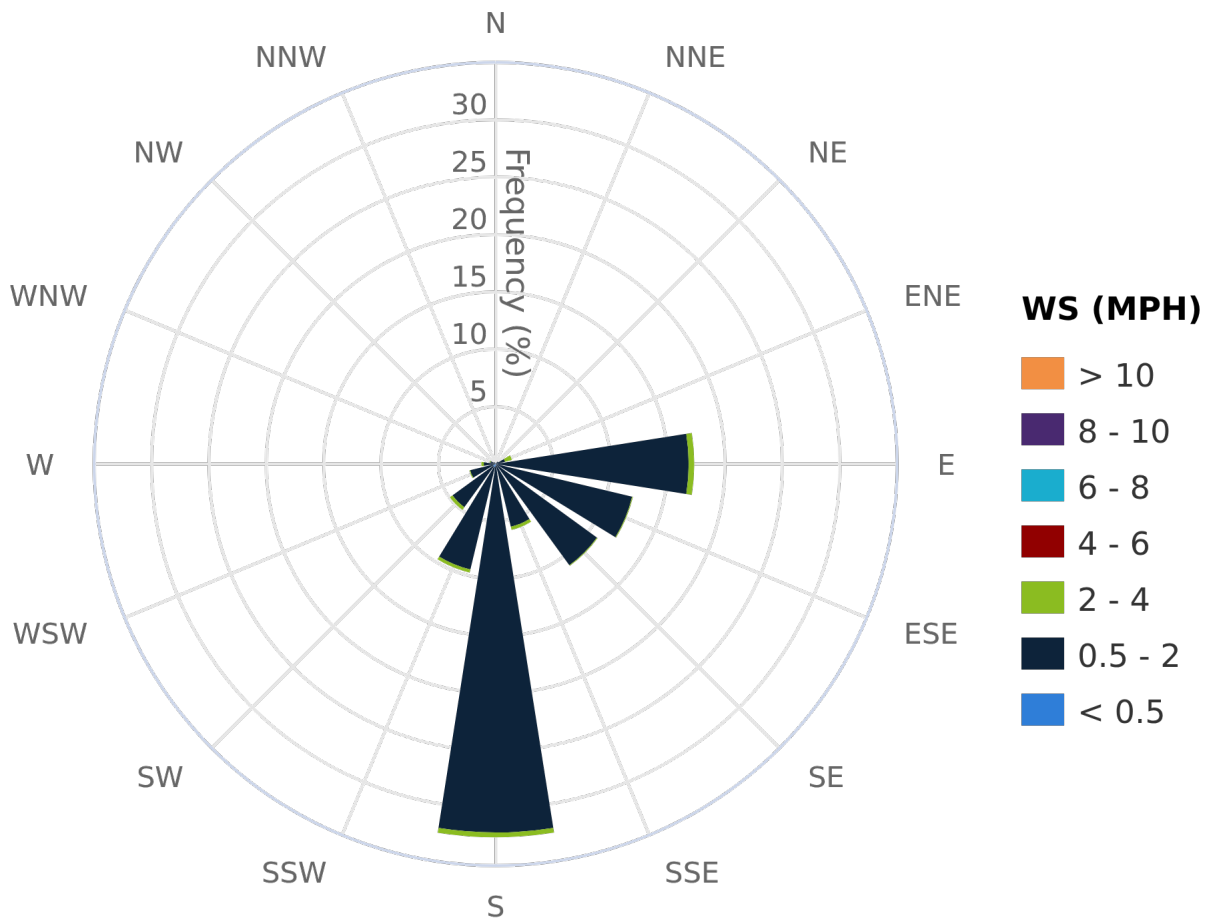


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

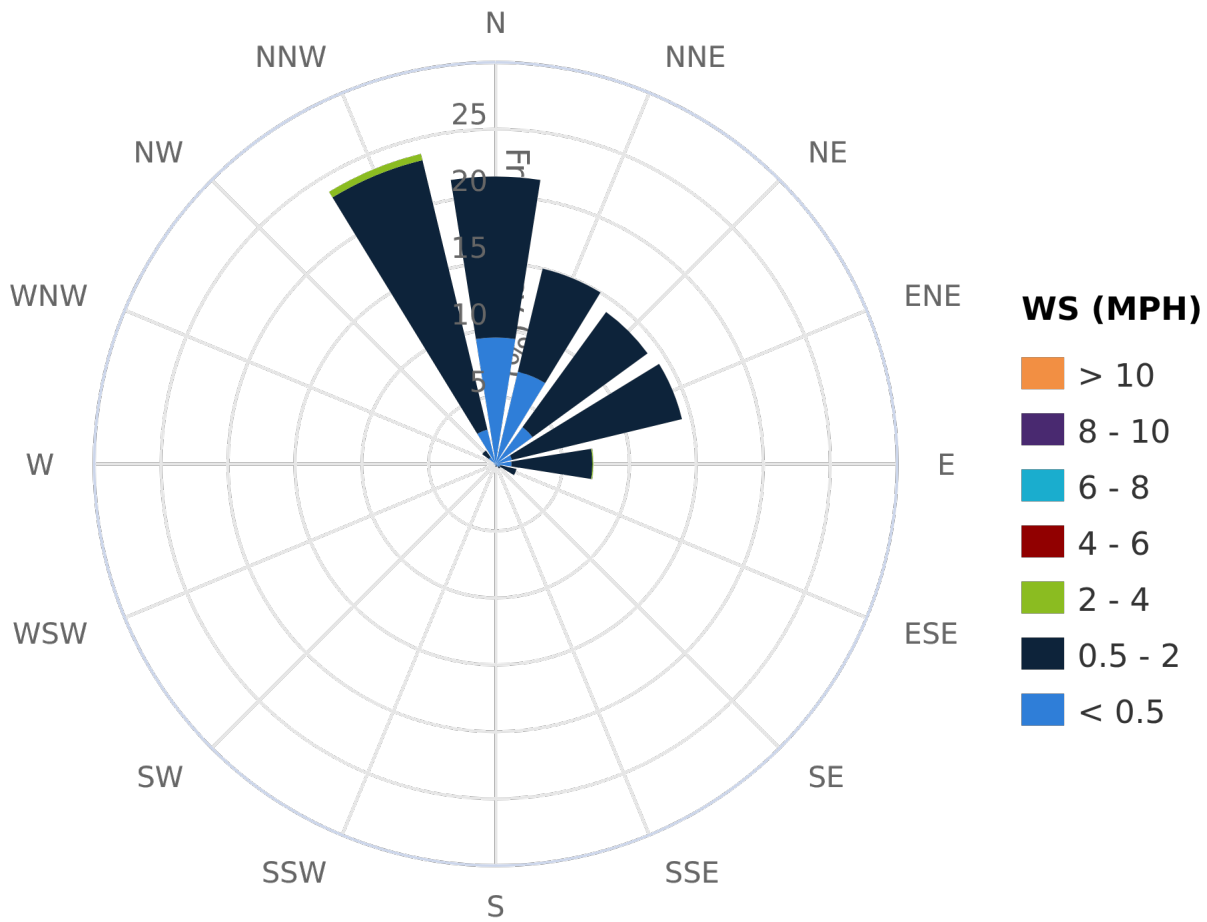


Figure 3 : Wind Rose Chart (WS in MPH)



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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	6.9	6.3	5.7	3.0	1.5	1.5	1.3	1.7	0.004	0.000	0.000	0.005
00:15:00	6.9	5.3	4.5	2.9	1.5	1.4	1.2	1.6	0.003	0.000	0.000	0.003
00:30:00	5.3	4.1	8.3	3.1	1.4	1.2	1.2	1.7	0.001	0.000	0.000	0.002
00:45:00	4.8	6.0	7.8	3.0	1.3	1.3	1.2	1.6	0.001	0.000	0.000	0.003
01:00:00	4.8	3.6	9.6	3.8	1.3	1.2	1.2	1.7	0.001	0.000	0.000	0.004
01:15:00	4.2	4.8	9.4	4.2	1.3	1.3	1.2	1.8	0.004	0.000	0.000	0.004
01:30:00	4.5	5.8	10.2	4.5	1.3	1.3	1.3	2.1	0.005	0.000	0.000	0.005
01:45:00	5.4	6.1	13.5	4.8	1.4	1.4	1.3	2.4	0.005	0.000	0.000	0.004
02:00:00	6.8	5.6	10.6	4.7	1.5	1.4	1.4	2.2	0.006	0.000	0.000	0.008
02:15:00	9.2	8.8	9.0	5.2	1.7	1.6	1.4	2.1	0.009	0.000	0.001	0.006
02:30:00	9.3	10.0	7.2	4.7	1.7	1.6	1.3	1.9	0.007	0.000	0.001	0.007
02:45:00	9.9	5.9	10.3	5.6	1.9	1.4	1.4	2.0	0.008	0.000	0.002	0.005
03:00:00	7.4	6.3	10.4	5.6	1.8	1.5	1.4	1.9	0.008	0.000	0.001	0.006
03:15:00	7.2	6.2	11.2	4.7	1.7	1.5	1.4	2.3	0.009	0.000	0.003	0.008
03:30:00	8.5	6.0	10.9	6.5	1.8	1.5	1.7	2.2	0.006	0.000	0.000	0.006
03:45:00	6.8	7.1	13.2	7.7	1.8	1.9	4.1	2.4	0.005	0.001	0.000	0.004
04:00:00	9.3	15.0	9.8	12.3	2.6	4.1	7.6	2.3	0.005	0.000	0.000	0.003
04:15:00	14.7	11.0	5.0	12.0	6.6	6.2	7.4	2.3	0.002	0.000	0.000	0.000
04:30:00	8.6	6.8	5.4	6.9	4.8	4.0	4.2	2.9	0.000	0.000	0.000	0.000
04:45:00	5.9	5.1	5.6	4.4	3.1	2.8	2.7	2.9	0.000	0.000	0.000	0.000
05:00:00	5.2	5.3	5.3	3.8	2.7	2.6	2.3	2.8	0.000	0.000	0.000	0.000
05:15:00	5.0	4.4	4.9	3.9	2.6	2.5	2.6	2.8	0.000	0.000	0.000	0.000
05:30:00	4.5	4.5	4.6	3.7	2.7	2.7	2.6	2.9	0.000	0.000	0.000	0.000
05:45:00	4.5	4.4	5.4	3.8	2.6	2.7	2.4	2.8	0.000	0.000	0.000	0.000
06:00:00	4.9	3.8	4.9	3.9	2.4	2.3	2.2	2.5	0.000	0.000	0.000	0.000
06:15:00	5.1	4.1	5.8	3.6	2.3	2.3	1.9	2.7	0.000	0.000	0.000	0.000
06:30:00	5.5	4.5	5.3	3.8	2.4	2.4	2.2	2.8	0.000	0.000	0.000	0.000
06:45:00	5.7	5.4	7.0	4.6	3.2	3.1	2.8	3.8	0.000	0.000	0.000	0.000
07:00:00	7.4	6.3	8.1	5.5	3.8	3.9	3.3	4.7	0.000	0.000	0.000	0.000
07:15:00	8.3	7.6	9.2	7.0	4.8	4.8	4.4	5.8	0.000	0.000	0.000	0.000
07:30:00	8.7	8.8	9.2	7.1	5.4	5.5	4.5	6.0	0.000	0.000	0.000	0.000
07:45:00	7.4	7.0	7.1	6.6	4.4	4.4	4.0	4.4	0.000	0.000	0.000	0.000
08:00:00	6.7	5.8	6.0	5.5	3.8	3.5	3.4	3.6	0.000	0.000	0.000	0.000
08:15:00	5.0	4.8	4.8	3.8	2.8	2.8	2.3	2.8	0.000	0.000	0.000	0.000
08:30:00	4.2	3.7	4.9	3.4	2.4	2.2	2.1	2.9	0.000	0.000	0.000	0.000
08:45:00	4.0	3.8	4.3	3.4	2.1	2.1	1.8	2.5	0.000	0.000	0.000	0.000
09:00:00	4.1	3.8	3.5	3.5	2.0	1.9	1.8	1.9	0.000	0.000	0.000	0.000
09:15:00	4.2	3.8	4.2	3.5	2.0	2.0	1.8	2.2	0.000	0.001	0.000	0.000
09:30:00	4.2	4.3	4.1	3.6	2.0	2.0	1.8	2.2	0.000	0.000	0.000	0.000
09:45:00	4.9	4.4	4.5	4.0	2.2	2.1	2.0	2.3	0.000	0.002	0.000	0.000
10:00:00	5.3	4.5	4.4	4.0	2.2	2.1	2.0	2.2	0.002	0.001	0.000	0.000
10:15:00	5.2	4.7	4.8	4.4	2.2	2.2	2.1	2.3	0.007	0.002	0.000	0.006
10:30:00	5.4	5.2	5.1	4.6	2.3	2.3	2.2	2.4	0.019	0.002	0.000	0.020
10:45:00	5.7	4.9	5.2	4.9	2.4	2.2	2.2	2.4	0.026	0.002	0.000	0.027
11:00:00	5.8	5.7	5.2	4.8	2.4	2.6	2.3	2.5	0.025	0.002	0.000	0.029
11:15:00	6.1	5.6	5.3	5.1	2.5	2.6	2.4	2.5	0.010	0.002	0.000	0.036
11:30:00	6.6	6.1	6.1	5.5	2.6	2.7	2.5	2.7	0.002	0.001	0.000	0.037
11:45:00	6.3	6.3	6.0	5.8	2.7	2.8	2.6	2.8	0.000	0.001	0.000	0.033



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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	6.5	6.0	6.0	5.7	2.7	2.7	2.6	2.7	0.000	0.000	0.000	0.023
12:15:00	6.9	6.1	5.8	5.6	2.7	2.8	2.6	2.7	0.000	0.000	0.000	0.013
12:30:00	6.2	6.2	5.7	5.4	2.6	2.7	2.5	2.7	0.000	0.000	0.000	0.003
12:45:00	6.3	6.0	5.7	5.2	2.6	2.7	2.4	2.7	0.000	0.000	0.000	0.001
13:00:00	6.1	6.1	5.7	5.6	2.5	2.8	2.6	2.7	0.000	0.000	0.000	0.000
13:15:00	6.5	6.1	5.8	5.6	2.6	2.8	2.6	2.6	0.000	0.000	0.000	0.000
13:30:00	7.4	5.9	5.9	5.6	2.6	2.7	2.6	2.6	0.000	0.000	0.000	0.000
13:45:00	5.9	6.0	5.3	5.4	2.6	2.7	2.6	2.5	0.000	0.000	0.000	0.000
14:00:00	5.9	5.8	5.2	5.3	2.5	2.6	2.5	2.4	0.000	0.000	0.000	0.000
14:15:00	5.7	5.8	5.3	5.2	2.4	2.6	2.4	2.4	0.000	0.000	0.000	0.000
14:30:00	5.4	5.3	5.0	5.2	2.3	2.5	2.4	2.4	0.000	0.000	0.000	0.000
14:45:00	5.4	5.2	5.0	5.0	2.3	2.5	2.4	2.4	0.000	0.000	0.000	0.000
15:00:00	5.3	5.3	5.3	4.9	2.3	2.5	2.4	2.4	0.000	0.000	0.000	0.000
15:15:00	5.3	5.3	5.0	4.9	2.4	2.6	2.4	2.4	0.000	0.000	0.000	0.000
15:30:00	6.0	5.3	5.2	4.8	2.4	2.6	2.4	2.5	0.000	0.000	0.000	0.000
15:45:00	5.1	5.3	5.3	5.0	2.3	2.6	2.5	2.5	0.000	0.000	0.000	0.000
16:00:00	5.5	5.3	5.2	5.0	2.4	2.6	2.5	2.5	0.000	0.000	0.000	0.000
16:15:00	5.8	5.2	5.1	5.0	2.5	2.6	2.5	2.5	0.000	0.000	0.000	0.000
16:30:00	8.0	6.7	5.0	4.9	2.7	2.9	2.4	2.4	0.000	0.000	0.000	0.000
16:45:00	5.4	5.3	4.8	4.9	2.4	2.6	2.4	2.4	0.000	0.000	0.000	0.000
17:00:00	5.4	5.2	5.2	4.9	2.4	2.5	2.4	2.5	0.000	0.000	0.000	0.000
17:15:00	5.3	5.1	4.9	4.7	2.4	2.5	2.4	2.5	0.000	0.000	0.000	0.000
17:30:00	5.2	5.3	5.4	4.7	2.4	2.5	2.4	2.5	0.000	0.000	0.000	0.000
17:45:00	5.9	5.6	6.4	5.2	2.5	2.6	2.5	2.7	0.000	0.000	0.000	0.000
18:00:00	6.9	6.7	6.4	6.0	2.8	2.9	2.7	2.8	0.000	0.000	0.000	0.000
18:15:00	7.2	6.9	6.4	6.1	2.9	3.3	2.8	2.9	0.000	0.000	0.000	0.000
18:30:00	7.0	7.2	6.7	6.1	3.0	3.4	2.9	3.1	0.000	0.000	0.000	0.000
18:45:00	7.2	6.9	7.2	6.7	3.2	3.2	3.3	3.4	0.000	0.000	0.000	0.000
19:00:00	7.7	7.4	7.3	6.9	3.5	3.5	3.5	3.6	0.000	0.000	0.000	0.000
19:15:00	8.4	8.2	8.1	8.2	4.3	4.1	4.4	4.4	0.000	0.000	0.000	0.000
19:30:00	8.7	8.6	8.5	8.4	4.6	4.6	4.7	4.6	0.000	0.000	0.000	0.000
19:45:00	9.5	9.0	9.0	8.8	5.0	4.8	4.9	5.0	0.000	0.000	0.000	0.000
20:00:00	9.8	8.8	9.3	8.8	5.1	4.6	4.9	5.2	0.000	0.000	0.000	0.001
20:15:00	8.6	7.8	7.9	7.5	4.2	3.8	3.8	4.0	0.001	0.001	0.000	0.003
20:30:00	7.9	7.6	7.9	7.3	3.6	3.4	3.4	3.7	0.011	0.002	0.000	0.009
20:45:00	7.6	7.4	7.7	7.3	3.4	3.3	3.3	3.5	0.019	0.002	0.011	0.014
21:00:00	7.5	7.4	7.6	6.9	3.2	3.2	3.1	3.2	0.023	0.002	0.021	0.016
21:15:00	7.7	7.6	7.4	7.0	3.2	3.3	3.1	3.2	0.027	0.003	0.029	0.018
21:30:00	7.6	7.5	7.0	6.7	3.1	3.1	2.9	3.1	0.034	0.003	0.035	0.015
21:45:00	7.1	7.4	7.3	6.9	3.0	3.1	3.0	3.2	0.040	0.003	0.039	0.015
22:00:00	7.4	7.4	7.2	7.0	3.0	3.1	3.0	3.1	0.038	0.003	0.046	0.016
22:15:00	7.5	7.3	7.7	7.0	3.1	3.0	3.1	3.2	0.040	0.004	0.050	0.013
22:30:00	8.0	7.5	7.7	8.1	3.3	3.0	3.8	3.4	0.039	0.004	0.051	0.011
22:45:00	10.4	8.3	9.2	10.4	5.4	3.8	5.7	4.6	0.038	0.003	0.051	0.009
23:00:00	11.6	11.0	11.4	10.7	6.4	5.9	6.2	6.4	0.035	0.003	0.048	0.007
23:15:00	10.8	10.7	10.6	10.0	5.7	5.7	5.8	6.2	0.034	0.002	0.049	0.003
23:30:00	10.1	9.0	10.0	9.0	5.5	4.7	5.2	5.5	0.034	0.002	0.049	0.003
23:45:00	9.2	8.4	9.5	8.9	4.9	4.2	4.5	5.1	0.028	0.002	0.047	0.002



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

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