



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-21

Table 1 : Weather Summary

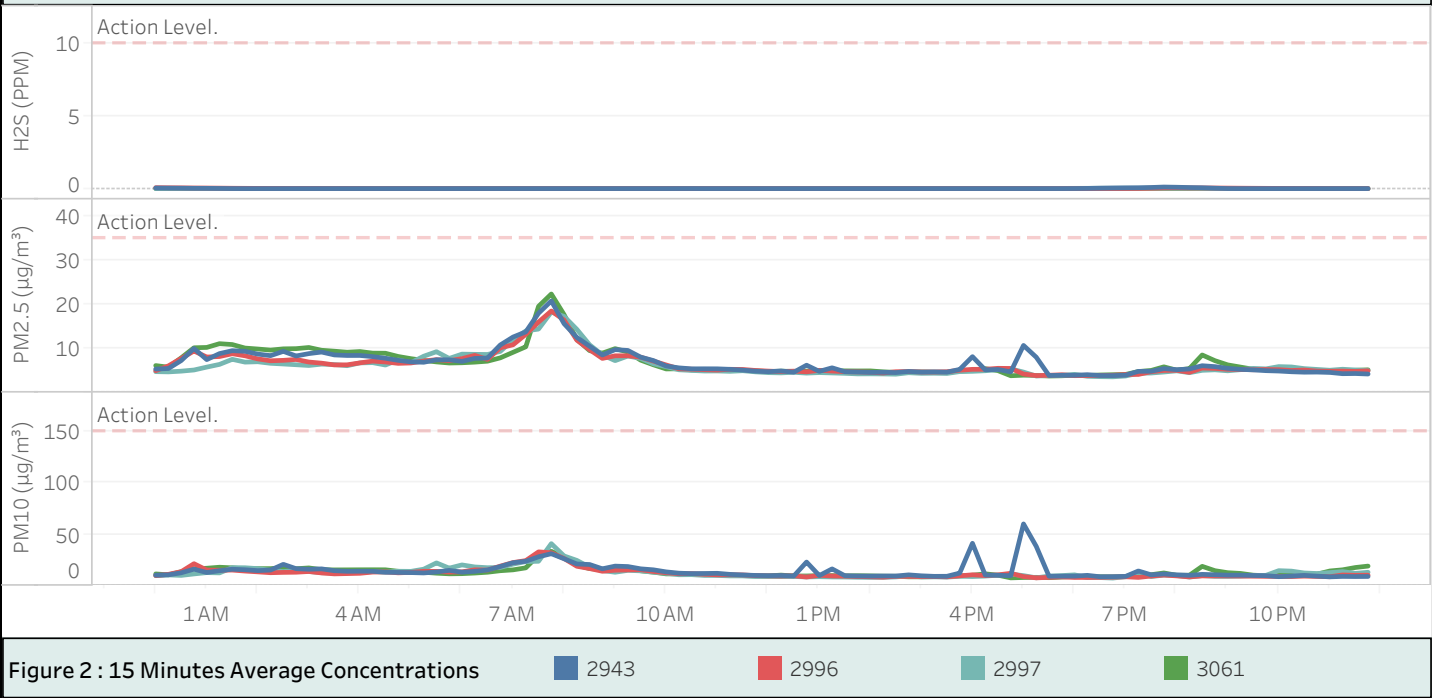
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 6.666	2943 SE	3061 W	2996 SE	2997 NE	Min : 68.54 Max : 101.1	Min : 41.90 Max : 88.80	Min : 29.94 Max : 30.19

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	14.2	59.9	6.9	20.7	0.008	0.108
2996	12.1	32.8	6.4	18.5	0.009	0.064
2997	12.6	40.8	6.2	18.2	0.004	0.033
3061	13.0	33.4	6.9	22.3	0.001	0.013



Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

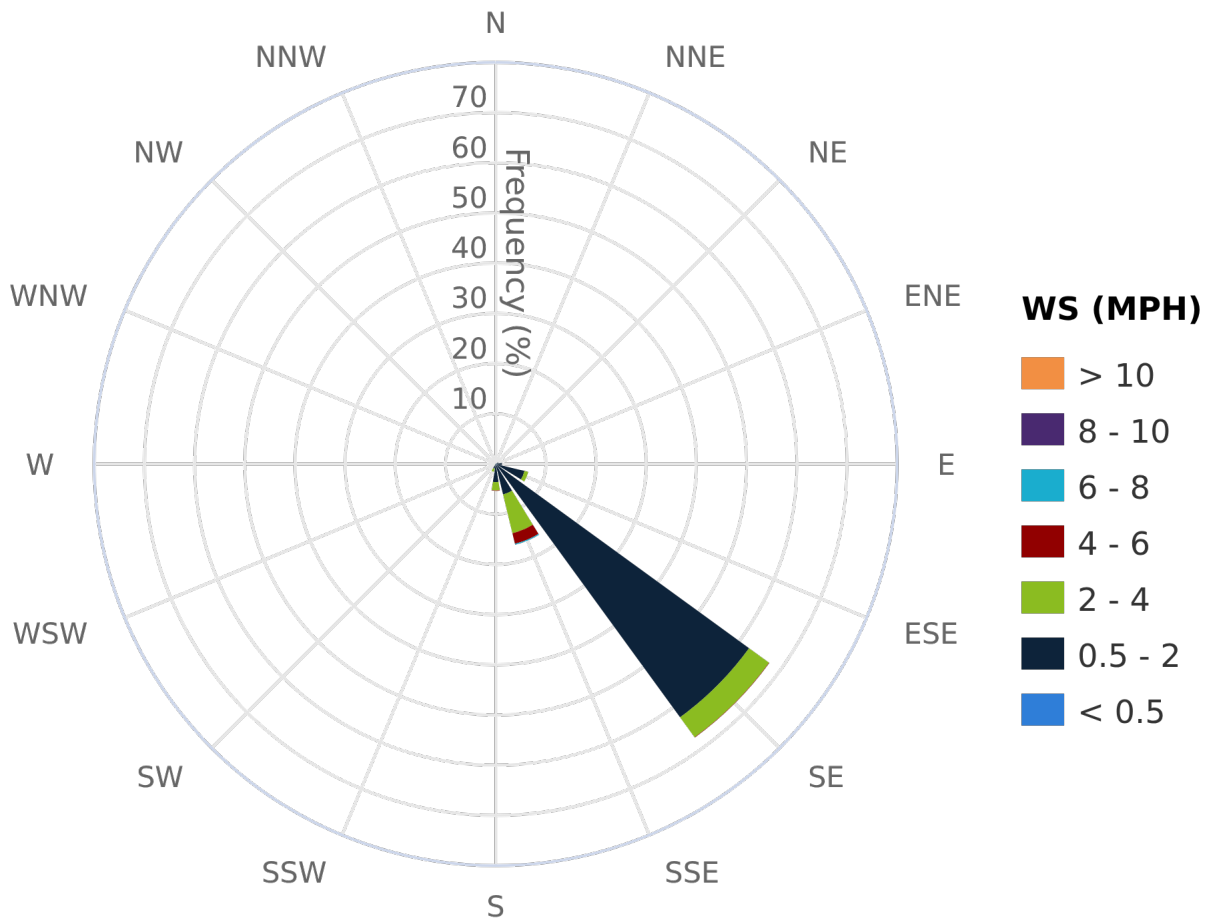


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

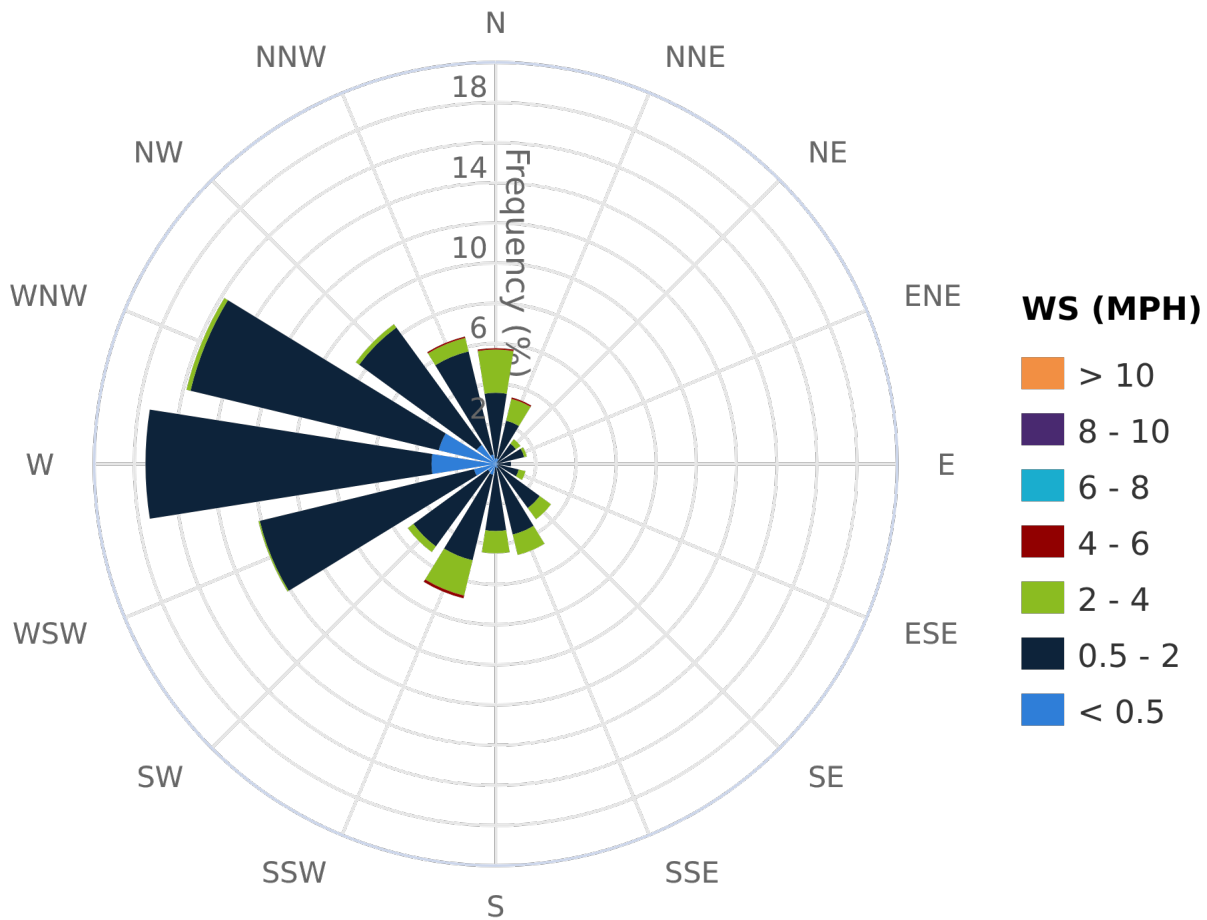


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

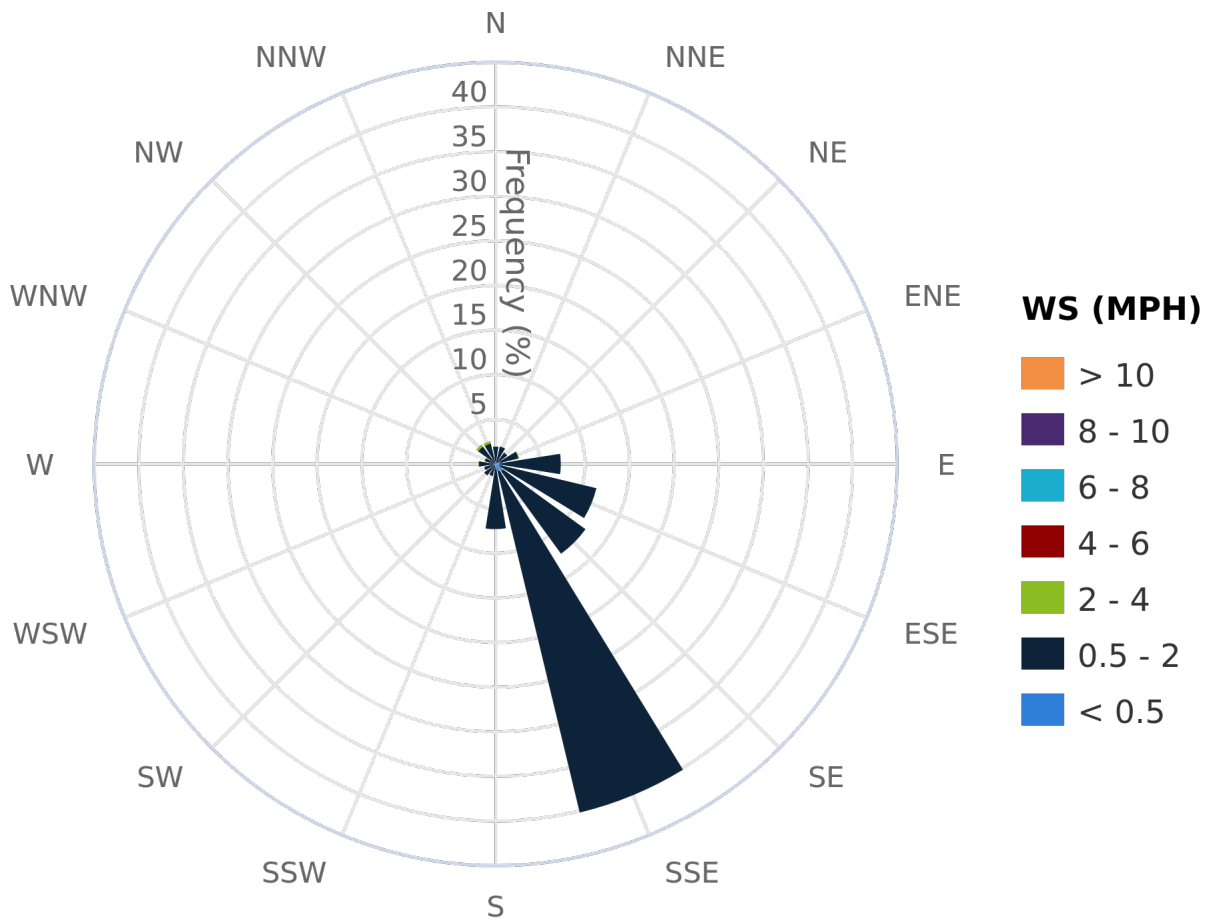


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-05-21

Wind Rose Chart 2997

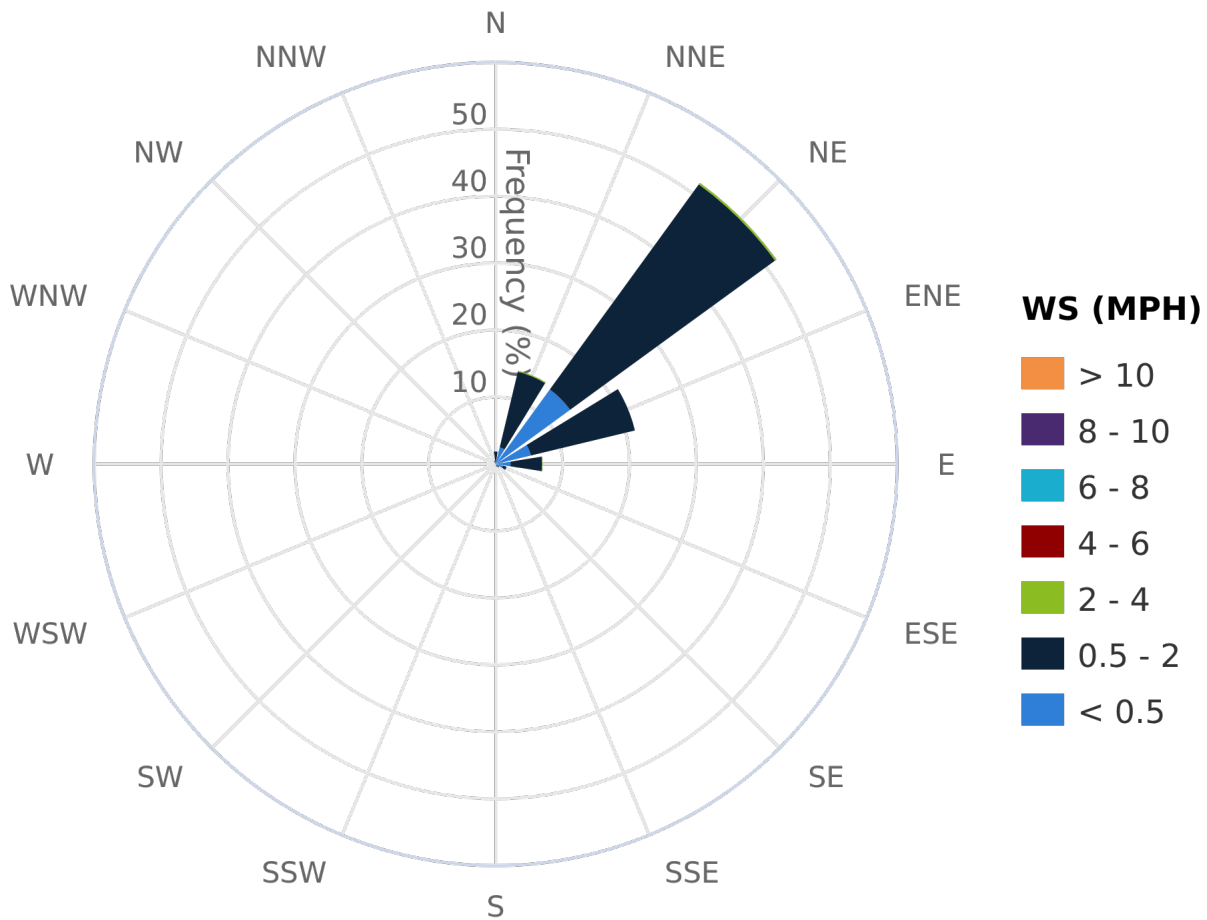


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.3	11.5	9.7	9.9	5.3	6.1	5.0	4.7	0.042	0.002	0.064	0.000
00:15:00	10.6	10.6	10.5	11.1	5.5	5.8	6.1	4.7	0.036	0.002	0.056	0.000
00:30:00	12.6	13.6	10.0	13.7	7.2	7.9	7.7	4.9	0.029	0.002	0.052	0.000
00:45:00	16.1	16.4	11.5	21.4	10.0	10.1	9.4	5.1	0.020	0.001	0.042	0.000
01:00:00	12.8	17.0	12.7	15.2	7.5	10.2	8.0	5.8	0.018	0.000	0.038	0.000
01:15:00	14.6	18.0	12.5	15.0	8.8	11.1	8.2	6.4	0.010	0.000	0.032	0.000
01:30:00	16.0	17.4	17.6	15.2	9.5	10.9	8.8	7.5	0.002	0.000	0.024	0.000
01:45:00	15.5	16.3	17.5	14.2	9.3	10.1	8.3	6.9	0.000	0.000	0.019	0.000
02:00:00	14.7	16.6	16.6	13.5	8.7	9.9	7.6	7.0	0.000	0.000	0.015	0.000
02:15:00	15.2	16.6	15.0	12.6	8.4	9.6	7.2	6.6	0.000	0.000	0.011	0.000
02:30:00	20.8	17.5	13.8	13.0	9.3	9.9	7.3	6.5	0.000	0.000	0.010	0.000
02:45:00	16.6	16.5	14.9	13.1	8.3	9.9	7.5	6.3	0.000	0.000	0.007	0.000
03:00:00	16.0	17.3	13.8	13.8	8.8	10.2	6.9	6.1	0.000	0.000	0.008	0.000
03:15:00	16.4	15.6	12.6	12.4	9.2	9.6	6.7	6.4	0.000	0.000	0.006	0.000
03:30:00	14.6	15.4	12.3	11.5	8.5	9.4	6.3	6.3	0.000	0.000	0.005	0.000
03:45:00	14.0	15.4	12.5	11.8	8.4	9.1	6.3	6.1	0.000	0.000	0.004	0.000
04:00:00	14.1	15.5	12.9	12.1	8.4	9.3	6.7	6.7	0.000	0.000	0.002	0.000
04:15:00	14.0	15.5	13.8	13.3	8.1	8.9	7.1	6.8	0.000	0.000	0.001	0.000
04:30:00	13.1	15.5	13.2	13.4	7.8	8.9	6.9	6.2	0.000	0.000	0.000	0.000
04:45:00	12.9	14.0	14.1	12.5	7.3	8.2	6.6	7.4	0.000	0.000	0.000	0.000
05:00:00	12.8	13.0	14.0	12.9	7.0	7.7	6.7	6.8	0.000	0.000	0.000	0.000
05:15:00	12.4	13.1	16.1	14.0	6.9	7.3	7.1	8.2	0.000	0.000	0.000	0.000
05:30:00	13.4	12.2	22.2	13.9	7.4	6.9	7.5	9.3	0.000	0.000	0.000	0.000
05:45:00	14.9	11.6	17.1	13.2	7.4	6.7	7.2	7.7	0.000	0.000	0.000	0.000
06:00:00	13.2	11.7	20.2	13.5	7.1	6.8	7.7	8.7	0.000	0.000	0.000	0.000
06:15:00	14.0	12.3	18.2	15.5	7.7	6.9	8.4	8.7	0.000	0.000	0.000	0.000
06:30:00	15.3	13.1	17.5	15.2	7.8	7.1	7.5	8.6	0.000	0.000	0.000	0.000
06:45:00	18.6	14.6	17.7	19.0	10.8	7.9	10.1	9.3	0.000	0.000	0.000	0.000
07:00:00	22.3	15.4	21.0	22.5	12.6	9.1	10.8	11.9	0.000	0.000	0.000	0.000
07:15:00	23.7	17.3	23.4	24.4	13.7	10.4	13.2	13.9	0.000	0.000	0.000	0.000
07:30:00	28.0	29.7	23.7	32.8	17.9	19.5	16.0	14.4	0.000	0.000	0.000	0.000
07:45:00	31.1	33.4	40.8	32.0	20.7	22.3	18.5	18.2	0.000	0.000	0.000	0.000
08:00:00	26.1	27.6	28.9	26.4	15.6	17.6	16.4	17.2	0.000	0.000	0.000	0.000
08:15:00	21.1	19.9	24.6	18.9	12.5	12.0	11.9	14.3	0.000	0.000	0.000	0.000
08:30:00	20.6	16.6	18.0	16.7	10.5	9.5	9.7	10.8	0.000	0.000	0.000	0.000
08:45:00	16.4	15.9	14.7	14.0	8.5	8.9	7.7	8.5	0.000	0.000	0.000	0.000
09:00:00	19.0	17.5	13.1	15.1	9.7	9.9	8.3	7.2	0.000	0.000	0.000	0.000
09:15:00	18.6	16.9	14.9	15.3	9.5	9.2	8.3	8.3	0.000	0.000	0.000	0.000
09:30:00	16.4	14.5	14.4	15.5	8.0	7.3	8.0	7.7	0.000	0.000	0.000	0.000
09:45:00	15.4	13.2	13.1	13.8	7.3	6.3	7.1	6.5	0.000	0.000	0.000	0.000
10:00:00	13.5	11.5	12.1	12.6	6.0	5.4	6.3	5.9	0.000	0.000	0.000	0.000
10:15:00	12.2	11.5	10.6	11.6	5.6	5.4	5.4	5.2	0.002	0.000	0.000	0.001
10:30:00	11.8	10.9	10.7	11.8	5.4	5.1	5.3	5.0	0.003	0.000	0.000	0.007
10:45:00	11.9	10.7	10.0	11.1	5.4	5.1	5.2	4.9	0.000	0.000	0.000	0.012
11:00:00	12.1	11.0	10.0	10.6	5.4	5.3	5.1	4.9	0.000	0.000	0.000	0.012
11:15:00	11.0	10.0	9.5	10.6	5.3	5.0	5.3	4.8	0.000	0.000	0.000	0.008
11:30:00	10.5	9.8	9.5	10.5	5.1	5.1	5.2	5.0	0.000	0.000	0.000	0.000
11:45:00	10.0	9.6	8.9	9.8	4.9	4.9	5.0	4.7	0.000	0.000	0.000	0.000



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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	9.8	9.6	8.9	9.6	4.7	4.8	4.9	4.5	0.000	0.000	0.000	0.000
12:15:00	10.0	10.3	8.8	9.4	4.9	4.9	4.8	4.5	0.000	0.000	0.000	0.000
12:30:00	9.4	9.5	9.0	9.7	4.6	4.8	4.9	4.6	0.000	0.000	0.000	0.000
12:45:00	23.0	9.5	8.5	8.5	6.2	4.9	4.7	4.4	0.000	0.000	0.000	0.000
13:00:00	9.9	9.8	8.8	10.2	4.8	5.0	5.0	4.5	0.000	0.000	0.000	0.000
13:15:00	16.4	9.9	8.5	9.5	5.6	4.9	4.9	4.4	0.000	0.000	0.000	0.000
13:30:00	9.7	9.6	8.4	9.3	4.7	4.9	4.7	4.4	0.000	0.000	0.000	0.000
13:45:00	9.4	9.7	8.2	8.9	4.7	4.9	4.7	4.2	0.000	0.000	0.000	0.000
14:00:00	9.3	9.6	8.1	8.7	4.6	4.9	4.6	4.2	0.000	0.000	0.000	0.000
14:15:00	9.5	9.3	8.1	8.3	4.6	4.7	4.4	4.2	0.000	0.000	0.000	0.000
14:30:00	9.5	9.2	8.6	9.2	4.5	4.6	4.7	4.2	0.000	0.000	0.000	0.000
14:45:00	10.6	8.6	9.5	9.1	4.8	4.6	4.8	4.5	0.000	0.000	0.000	0.000
15:00:00	9.7	8.6	8.6	8.9	4.6	4.7	4.7	4.4	0.000	0.000	0.000	0.000
15:15:00	9.1	8.8	8.7	8.9	4.7	4.6	4.7	4.4	0.000	0.000	0.000	0.000
15:30:00	9.2	8.9	8.4	8.7	4.6	4.6	4.7	4.3	0.000	0.000	0.000	0.000
15:45:00	12.3	9.5	9.2	9.6	5.3	4.9	5.1	4.8	0.000	0.000	0.000	0.000
16:00:00	41.2	10.2	8.9	10.6	8.1	5.0	5.3	4.8	0.000	0.000	0.000	0.000
16:15:00	10.4	11.6	9.4	9.9	5.2	5.4	5.3	4.9	0.000	0.000	0.000	0.000
16:30:00	10.2	10.2	10.3	10.6	5.2	5.0	5.5	5.2	0.000	0.000	0.000	0.000
16:45:00	9.7	7.6	11.3	12.1	4.7	3.8	5.5	5.4	0.000	0.000	0.000	0.006
17:00:00	59.9	8.0	9.8	8.9	10.7	3.9	4.2	4.6	0.000	0.000	0.000	0.006
17:15:00	38.1	8.2	7.7	7.6	8.0	3.9	3.8	3.7	0.000	0.000	0.000	0.013
17:30:00	9.2	7.8	9.4	8.1	3.9	3.8	3.9	3.9	0.000	0.001	0.000	0.016
17:45:00	9.3	8.5	9.9	8.5	3.9	3.8	4.0	3.9	0.001	0.002	0.000	0.016
18:00:00	9.4	9.1	10.6	8.0	3.9	3.9	3.8	4.1	0.005	0.003	0.000	0.018
18:15:00	10.1	8.6	7.9	8.1	4.1	3.9	3.9	3.7	0.014	0.004	0.001	0.020
18:30:00	8.7	8.7	7.9	8.2	3.9	4.0	3.9	3.6	0.030	0.004	0.004	0.027
18:45:00	8.8	8.6	7.5	8.4	3.8	4.1	3.9	3.6	0.043	0.005	0.003	0.026
19:00:00	9.1	8.8	8.8	8.7	3.9	4.1	4.1	3.8	0.051	0.006	0.004	0.030
19:15:00	14.3	10.0	13.2	8.1	4.8	4.8	4.1	4.4	0.058	0.009	0.011	0.026
19:30:00	10.6	10.7	8.9	9.4	4.8	5.0	4.7	4.4	0.077	0.012	0.027	0.030
19:45:00	11.4	12.4	10.3	10.3	5.4	5.8	5.0	4.7	0.108	0.013	0.045	0.033
20:00:00	10.6	10.2	9.9	9.6	5.2	5.1	5.0	4.9	0.094	0.011	0.053	0.028
20:15:00	10.1	10.2	8.4	8.6	5.3	5.4	4.6	4.5	0.074	0.007	0.043	0.017
20:30:00	11.1	18.8	9.9	9.5	6.1	8.5	5.6	5.0	0.059	0.005	0.045	0.007
20:45:00	10.7	14.6	9.1	9.5	5.9	7.2	5.5	5.2	0.027	0.002	0.041	0.000
21:00:00	10.3	12.7	9.1	9.5	5.5	6.3	5.3	4.9	0.004	0.000	0.035	0.000
21:15:00	10.2	12.0	9.3	9.4	5.3	5.8	5.2	5.2	0.000	0.000	0.028	0.000
21:30:00	10.0	10.3	10.0	9.3	5.1	5.3	5.2	5.5	0.000	0.000	0.022	0.000
21:45:00	9.8	9.7	10.1	9.1	5.0	5.2	5.2	5.4	0.000	0.000	0.018	0.000
22:00:00	8.8	10.4	14.6	9.0	4.9	5.1	5.2	5.9	0.000	0.000	0.014	0.000
22:15:00	9.4	10.5	14.2	8.9	4.7	5.0	5.0	5.8	0.000	0.000	0.011	0.000
22:30:00	10.1	11.5	12.4	9.3	4.6	5.0	5.1	5.4	0.000	0.000	0.008	0.000
22:45:00	9.3	11.2	11.9	9.0	4.6	4.8	4.9	5.2	0.000	0.000	0.005	0.000
23:00:00	8.6	14.3	12.8	8.7	4.6	4.7	4.8	5.1	0.000	0.000	0.002	0.000
23:15:00	9.0	15.4	13.8	10.5	4.3	4.9	4.9	5.3	0.000	0.000	0.000	0.000
23:30:00	8.9	17.7	12.0	10.1	4.3	5.1	4.8	5.1	0.000	0.000	0.000	0.000
23:45:00	9.0	19.1	13.1	10.3	4.2	5.2	4.9	5.0	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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