



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-16

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 9.395	2943 SE	3061 NNE	2996 E	2997 NE	Min : 66.20 Max : 102.6	Min : 39.20 Max : 89.80	Min : 29.93 Max : 30.18

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	13.6	28.5	5.8	7.5	0.024	0.130
2996	12.1	16.6	5.7	7.3	0.018	0.080
2997	12.3	16.9	5.4	7.1	0.007	0.046
3061	13.7	19.7	6.2	8.5	0.002	0.012



Figure 1 : Monitoring Locations

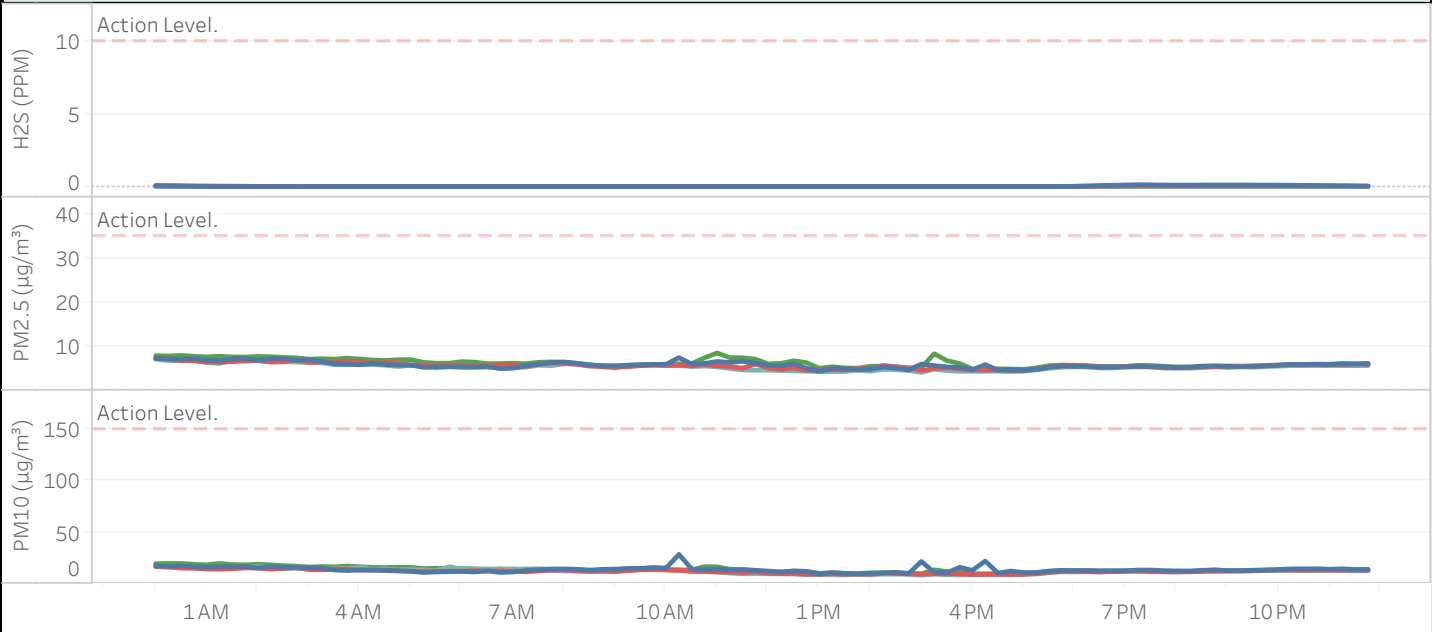


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

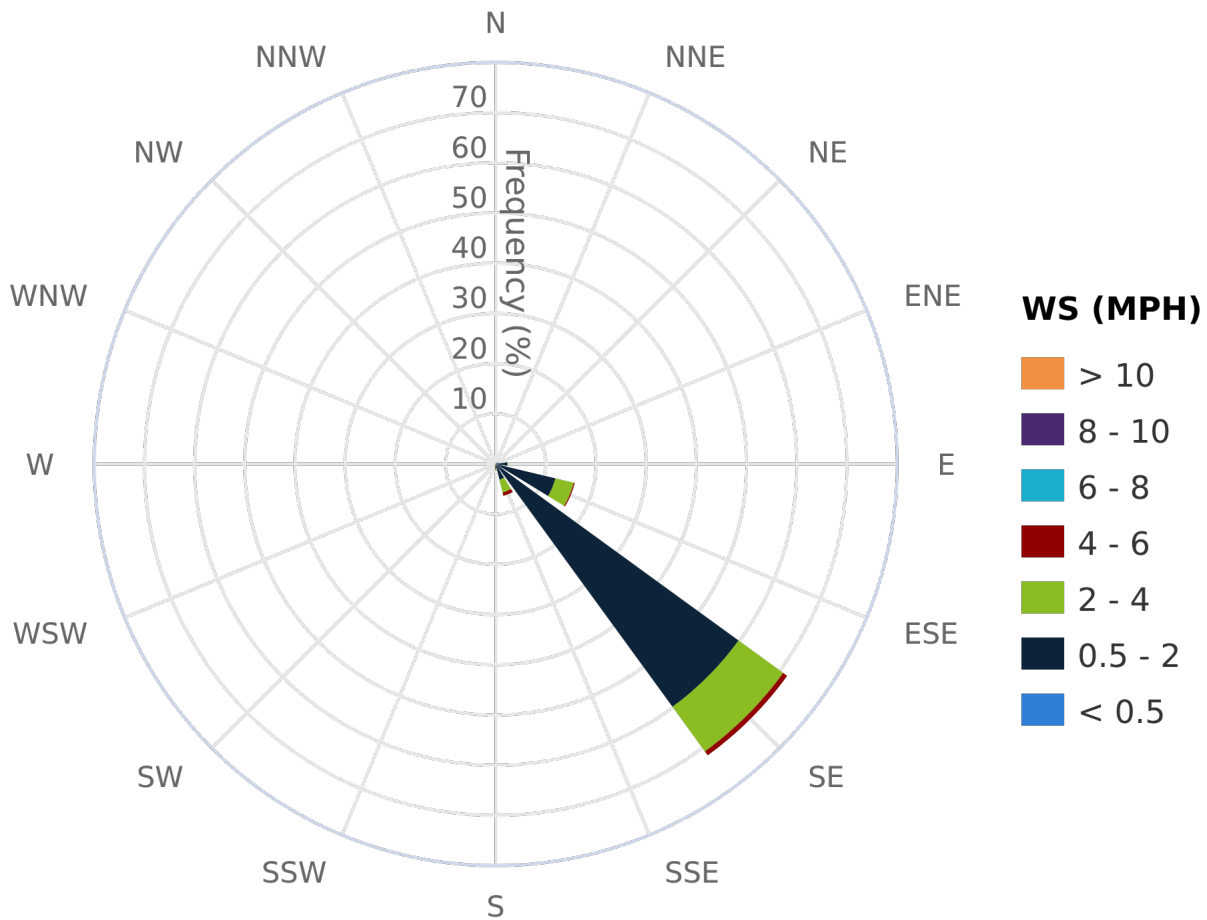


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

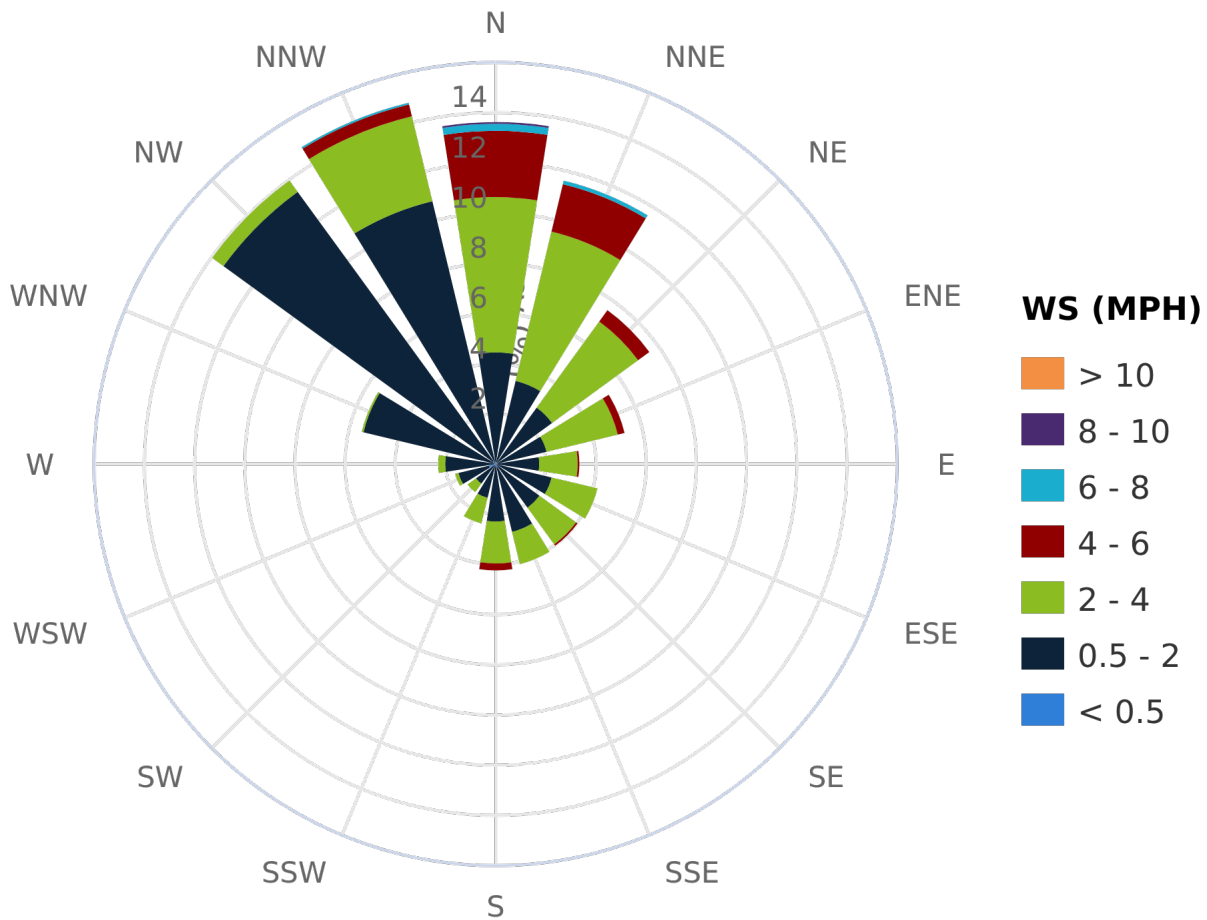


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

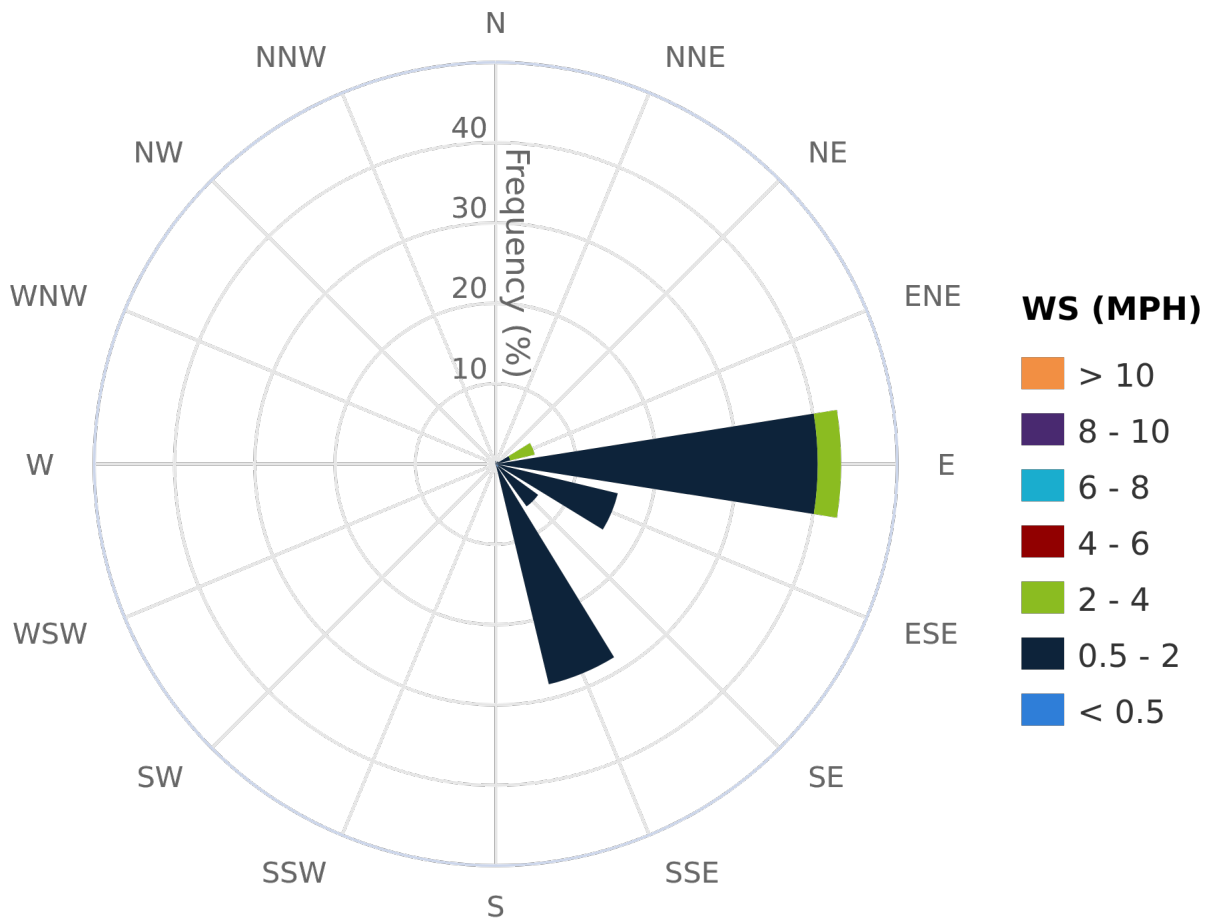


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

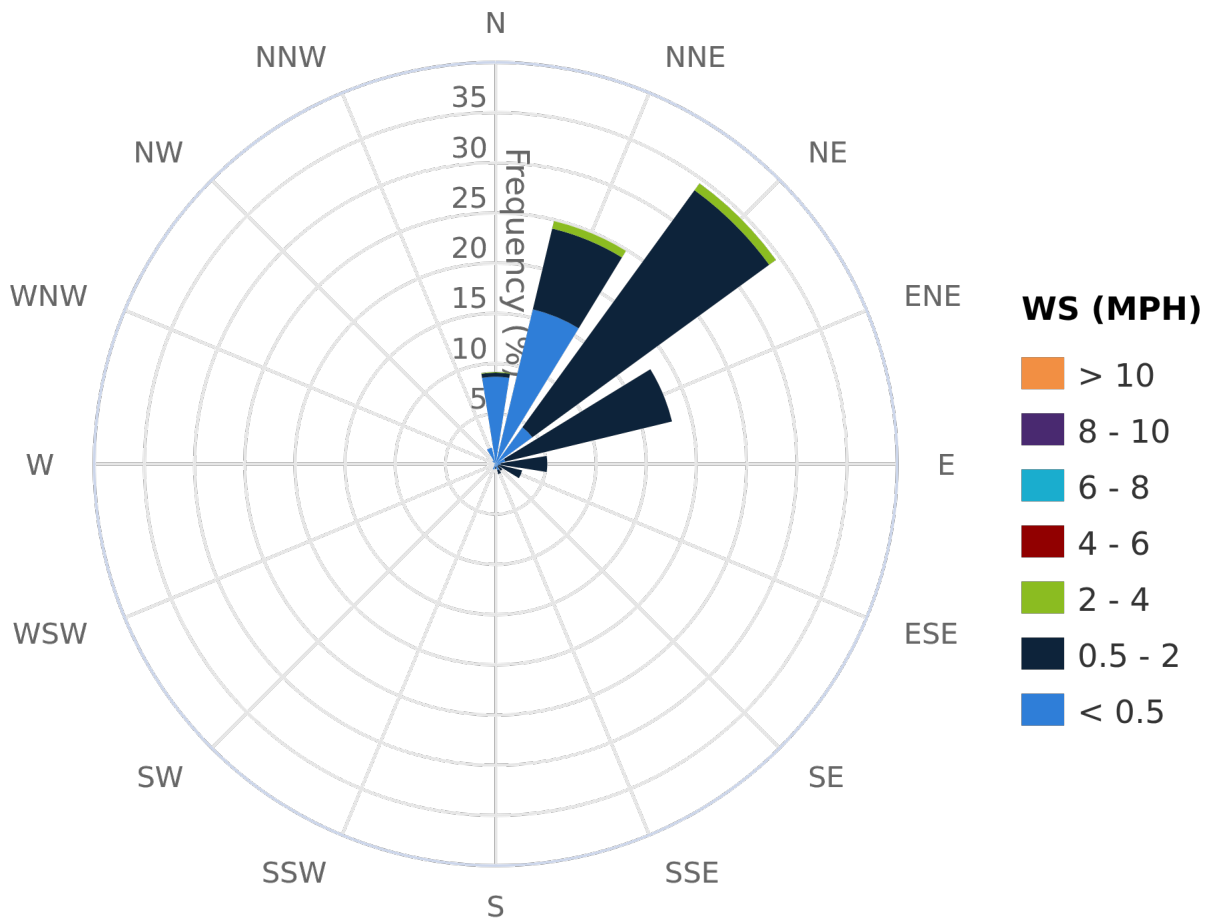


Figure 3 : Wind Rose Chart (WS in MPH)



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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	17.6	19.5	16.9	16.6	7.3	7.9	7.3	7.1	0.055	0.000	0.080	0.000
00:15:00	16.9	19.7	16.2	16.2	7.2	7.8	7.2	6.8	0.046	0.000	0.071	0.000
00:30:00	17.2	19.6	16.2	15.2	7.1	8.0	6.8	6.7	0.035	0.000	0.060	0.000
00:45:00	16.6	18.8	16.5	14.9	7.2	7.8	6.7	6.8	0.019	0.000	0.051	0.000
01:00:00	16.0	18.3	14.8	14.2	6.9	7.6	6.5	6.4	0.003	0.000	0.042	0.000
01:15:00	16.4	19.7	15.1	14.1	6.8	7.8	6.4	6.1	0.000	0.000	0.037	0.000
01:30:00	16.6	18.6	16.0	14.5	7.1	7.6	6.6	6.9	0.000	0.000	0.031	0.000
01:45:00	16.7	18.3	15.6	15.3	7.2	7.6	6.7	6.7	0.000	0.000	0.023	0.000
02:00:00	15.3	18.9	16.6	15.1	6.9	7.7	6.8	6.8	0.000	0.000	0.016	0.000
02:15:00	16.6	18.3	15.9	14.2	7.2	7.7	6.5	6.6	0.000	0.000	0.011	0.000
02:30:00	16.0	17.5	15.0	14.7	7.3	7.5	6.5	6.6	0.000	0.000	0.007	0.000
02:45:00	15.4	17.1	15.0	15.7	6.9	7.4	6.9	6.5	0.000	0.000	0.003	0.000
03:00:00	15.9	16.2	14.7	13.6	7.0	7.1	6.4	6.3	0.000	0.000	0.001	0.000
03:15:00	15.0	16.7	13.8	13.6	6.6	7.2	6.5	6.3	0.000	0.000	0.000	0.000
03:30:00	13.3	16.3	14.7	13.9	6.1	7.1	6.5	5.9	0.000	0.000	0.000	0.000
03:45:00	12.8	17.2	14.7	14.0	6.0	7.3	6.6	5.9	0.000	0.000	0.000	0.000
04:00:00	13.2	16.6	15.9	13.4	5.8	7.2	6.3	6.0	0.000	0.000	0.000	0.000
04:15:00	13.5	15.8	14.0	13.0	6.1	6.9	6.1	5.9	0.000	0.000	0.000	0.000
04:30:00	12.8	15.8	14.3	13.3	5.9	6.8	6.3	5.7	0.000	0.000	0.000	0.000
04:45:00	12.4	16.0	13.4	12.8	5.8	7.0	6.2	5.4	0.000	0.000	0.000	0.000
05:00:00	12.0	15.9	13.9	12.1	5.8	7.0	5.8	5.7	0.000	0.000	0.000	0.000
05:15:00	10.9	14.7	13.4	11.8	5.3	6.4	5.7	5.5	0.000	0.000	0.000	0.000
05:30:00	11.5	15.1	12.7	11.8	5.4	6.2	5.7	5.1	0.000	0.000	0.000	0.000
05:45:00	11.7	14.7	16.6	12.2	5.4	6.2	5.7	5.5	0.000	0.000	0.000	0.000
06:00:00	12.0	14.7	14.0	12.2	5.4	6.6	5.7	5.2	0.000	0.000	0.000	0.000
06:15:00	11.4	14.5	14.0	12.6	5.3	6.4	5.6	5.3	0.000	0.000	0.000	0.000
06:30:00	12.4	13.8	14.5	12.4	5.5	6.1	5.7	5.3	0.000	0.000	0.000	0.000
06:45:00	10.9	14.5	13.8	12.3	5.0	6.1	5.8	5.2	0.000	0.000	0.000	0.000
07:00:00	11.4	14.0	14.4	12.0	5.1	6.2	5.7	5.2	0.000	0.000	0.000	0.000
07:15:00	12.8	14.3	13.7	11.6	5.6	6.1	5.5	5.3	0.000	0.000	0.000	0.000
07:30:00	13.6	14.3	13.9	12.4	6.0	6.4	6.0	5.7	0.000	0.000	0.000	0.000
07:45:00	14.2	14.0	13.0	13.2	6.3	6.5	6.3	5.6	0.000	0.000	0.000	0.000
08:00:00	14.3	14.0	12.3	13.2	6.5	6.4	6.2	6.0	0.000	0.000	0.000	0.000
08:15:00	14.1	13.5	12.5	12.4	6.2	6.2	5.9	6.0	0.000	0.000	0.000	0.000
08:30:00	13.3	12.9	11.6	12.2	5.8	5.8	5.5	5.8	0.000	0.000	0.000	0.000
08:45:00	14.0	12.8	12.1	12.3	5.6	5.6	5.4	5.6	0.000	0.000	0.000	0.000
09:00:00	14.2	13.6	11.6	12.2	5.6	5.6	5.3	5.1	0.000	0.000	0.000	0.000
09:15:00	14.9	13.4	13.3	12.6	5.8	5.6	5.4	5.8	0.000	0.000	0.000	0.000
09:30:00	14.9	14.1	13.6	13.6	5.9	5.7	5.6	5.9	0.000	0.000	0.000	0.000
09:45:00	15.8	14.2	13.7	13.7	5.9	5.9	5.7	5.9	0.000	0.000	0.000	0.000
10:00:00	15.2	13.7	13.4	13.5	6.0	5.7	5.7	5.8	0.000	0.000	0.000	0.000
10:15:00	28.5	13.5	12.6	13.2	7.5	6.1	5.7	5.7	0.001	0.000	0.000	0.000
10:30:00	14.2	13.4	12.0	12.1	6.0	6.1	5.6	5.4	0.000	0.000	0.000	0.003
10:45:00	13.6	16.6	11.7	12.0	6.2	7.4	5.9	5.6	0.000	0.000	0.000	0.005
11:00:00	14.1	16.4	11.3	11.5	6.6	8.5	5.6	5.4	0.000	0.000	0.000	0.003
11:15:00	13.5	14.0	10.3	11.3	6.4	7.5	5.4	5.0	0.000	0.000	0.000	0.002
11:30:00	13.7	13.6	9.7	10.7	6.6	7.4	5.1	4.7	0.000	0.000	0.000	0.000
11:45:00	12.9	13.0	9.7	11.5	6.2	7.1	6.0	4.6	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	12.3	11.3	9.7	10.2	5.7	6.0	5.1	4.6	0.000	0.000	0.000	0.000
12:15:00	11.4	11.3	9.6	9.8	5.6	6.2	4.8	4.5	0.000	0.000	0.000	0.000
12:30:00	12.2	12.6	9.4	9.9	6.1	6.8	5.1	4.5	0.000	0.000	0.000	0.000
12:45:00	11.7	12.1	9.0	9.0	5.1	6.3	4.6	4.4	0.000	0.000	0.000	0.000
13:00:00	9.4	10.2	8.7	9.3	4.3	5.1	4.7	4.3	0.000	0.000	0.000	0.000
13:15:00	10.7	10.7	8.7	9.8	5.0	5.4	4.7	4.3	0.000	0.000	0.000	0.000
13:30:00	10.1	10.0	8.7	9.1	4.9	5.1	4.6	4.3	0.000	0.000	0.000	0.000
13:45:00	9.6	9.8	8.9	9.4	4.7	5.1	5.1	4.6	0.000	0.000	0.000	0.000
14:00:00	10.1	10.6	8.6	9.4	4.9	5.5	4.9	4.4	0.000	0.000	0.000	0.000
14:15:00	10.5	10.5	9.3	10.5	5.3	5.5	5.7	4.8	0.000	0.000	0.000	0.000
14:30:00	11.1	10.6	9.3	10.0	5.1	5.4	5.4	4.7	0.000	0.000	0.000	0.000
14:45:00	9.9	10.2	9.2	9.6	4.7	5.2	5.0	4.6	0.000	0.000	0.000	0.000
15:00:00	21.6	9.7	8.4	9.1	6.0	5.2	4.6	4.1	0.000	0.000	0.000	0.000
15:15:00	11.0	13.5	9.3	9.6	5.7	8.3	5.0	4.9	0.000	0.000	0.000	0.000
15:30:00	10.7	11.8	8.8	9.7	5.4	6.8	5.2	4.5	0.000	0.000	0.000	0.000
15:45:00	16.0	11.3	8.5	9.6	5.2	6.1	4.9	4.4	0.000	0.000	0.000	0.000
16:00:00	13.0	9.7	8.8	8.8	4.7	4.9	4.6	4.4	0.000	0.000	0.000	0.000
16:15:00	22.0	9.7	8.7	9.2	5.9	4.9	4.7	4.4	0.000	0.000	0.000	0.000
16:30:00	10.4	9.8	8.7	9.1	4.6	4.9	4.8	4.4	0.000	0.000	0.000	0.000
16:45:00	12.3	11.0	8.5	9.2	4.7	4.9	4.6	4.3	0.000	0.000	0.000	0.000
17:00:00	10.9	9.6	9.3	9.0	4.6	4.8	4.5	4.4	0.000	0.000	0.000	0.000
17:15:00	11.0	10.6	9.4	9.9	4.8	5.1	4.8	4.7	0.000	0.000	0.000	0.000
17:30:00	12.3	12.0	10.7	11.2	5.3	5.7	5.4	5.0	0.000	0.000	0.000	0.003
17:45:00	13.0	12.7	11.6	12.0	5.5	5.8	5.7	5.3	0.000	0.004	0.000	0.019
18:00:00	12.7	12.8	11.4	12.2	5.5	5.7	5.7	5.4	0.019	0.006	0.000	0.026
18:15:00	12.8	12.7	11.7	11.7	5.5	5.6	5.6	5.3	0.046	0.008	0.008	0.035
18:30:00	12.6	12.3	11.3	11.5	5.3	5.5	5.3	5.1	0.074	0.009	0.026	0.038
18:45:00	12.7	12.2	12.2	11.7	5.3	5.4	5.4	5.1	0.090	0.010	0.046	0.046
19:00:00	12.5	12.5	12.4	12.0	5.3	5.5	5.4	5.4	0.111	0.010	0.063	0.044
19:15:00	13.3	12.9	12.0	12.3	5.5	5.7	5.5	5.4	0.130	0.012	0.076	0.042
19:30:00	13.3	12.6	12.1	11.7	5.5	5.7	5.4	5.4	0.119	0.011	0.070	0.042
19:45:00	12.6	12.4	11.4	11.7	5.3	5.5	5.3	5.1	0.108	0.009	0.058	0.035
20:00:00	12.5	11.9	11.5	11.5	5.2	5.4	5.1	5.1	0.103	0.009	0.060	0.030
20:15:00	12.3	12.2	12.0	11.5	5.3	5.4	5.2	5.1	0.104	0.009	0.062	0.032
20:30:00	13.0	12.6	12.3	12.0	5.5	5.5	5.4	5.2	0.106	0.009	0.067	0.034
20:45:00	13.5	12.4	13.2	12.2	5.6	5.5	5.4	5.4	0.109	0.009	0.069	0.034
21:00:00	12.7	12.7	12.4	12.2	5.5	5.6	5.5	5.2	0.109	0.009	0.072	0.033
21:15:00	12.6	12.5	12.7	12.3	5.4	5.5	5.6	5.4	0.109	0.008	0.072	0.031
21:30:00	13.1	12.7	13.2	12.6	5.5	5.6	5.5	5.3	0.107	0.008	0.071	0.031
21:45:00	13.5	13.2	12.8	12.8	5.6	5.6	5.7	5.4	0.102	0.007	0.068	0.027
22:00:00	13.8	13.5	12.7	13.4	5.7	5.7	5.8	5.5	0.098	0.006	0.065	0.026
22:15:00	14.4	13.5	13.2	13.3	5.9	5.9	5.9	5.7	0.092	0.006	0.060	0.021
22:30:00	14.4	13.3	12.7	13.0	5.9	6.0	5.9	5.7	0.086	0.005	0.056	0.016
22:45:00	14.5	13.1	12.8	13.2	6.0	5.9	5.9	5.7	0.074	0.004	0.049	0.011
23:00:00	14.1	13.3	12.9	13.3	5.9	6.0	5.9	5.6	0.067	0.003	0.045	0.010
23:15:00	14.5	13.4	12.7	13.2	6.1	6.1	5.9	5.6	0.061	0.003	0.040	0.004
23:30:00	13.7	13.3	12.4	13.4	6.0	6.0	6.0	5.7	0.048	0.002	0.034	0.000
23:45:00	14.0	13.2	12.6	13.1	6.2	6.0	5.9	5.6	0.037	0.002	0.030	0.000



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

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