



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-10

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.09000 Max : 27.76	2943 ESE	2693 WSW	2996 W	2997 NNW	Min : 39.20 Max : 71.42	Min : 25.40 Max : 88.20	Min : 29.90 Max : 30.37

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	6.4	20.4	2.6	13.2	0.000	0.002
2943	14.9	98.5	3.4	14.5	0.015	0.080
2996	6.9	14.4	2.5	7.2	0.000	0.002
2997	9.3	20.7	3.0	7.2	0.019	0.058



Figure 1 : Monitoring Locations

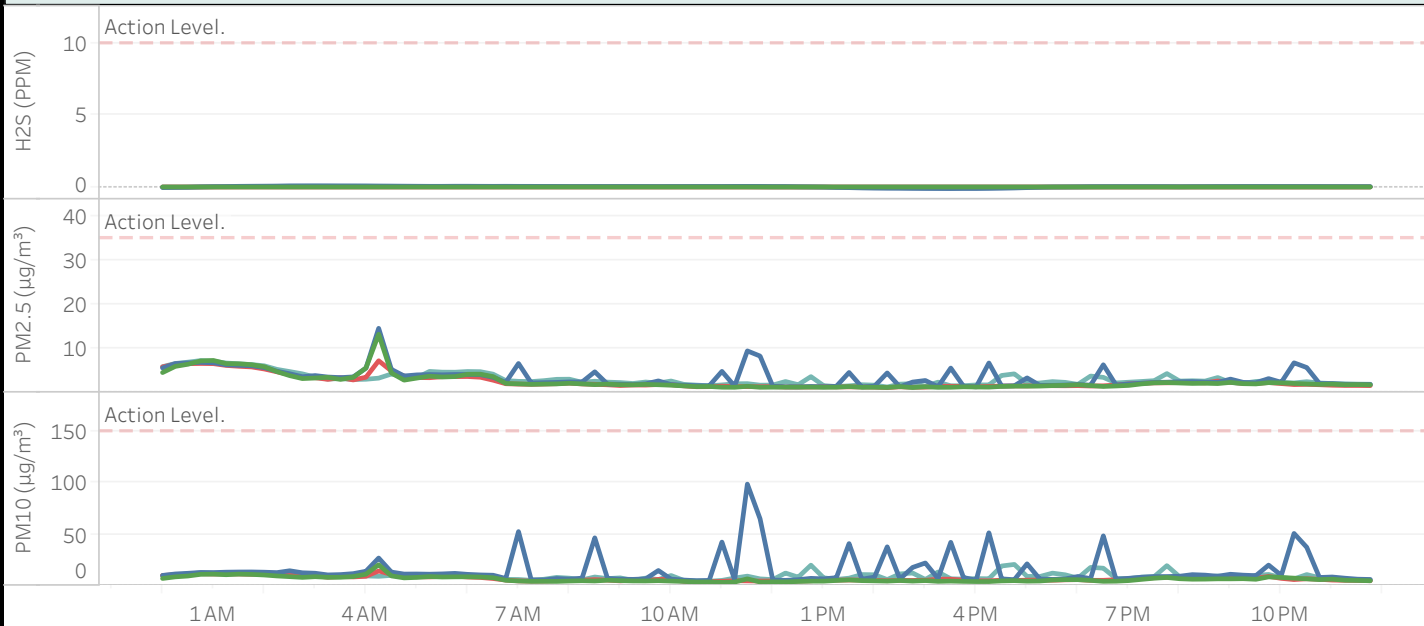


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

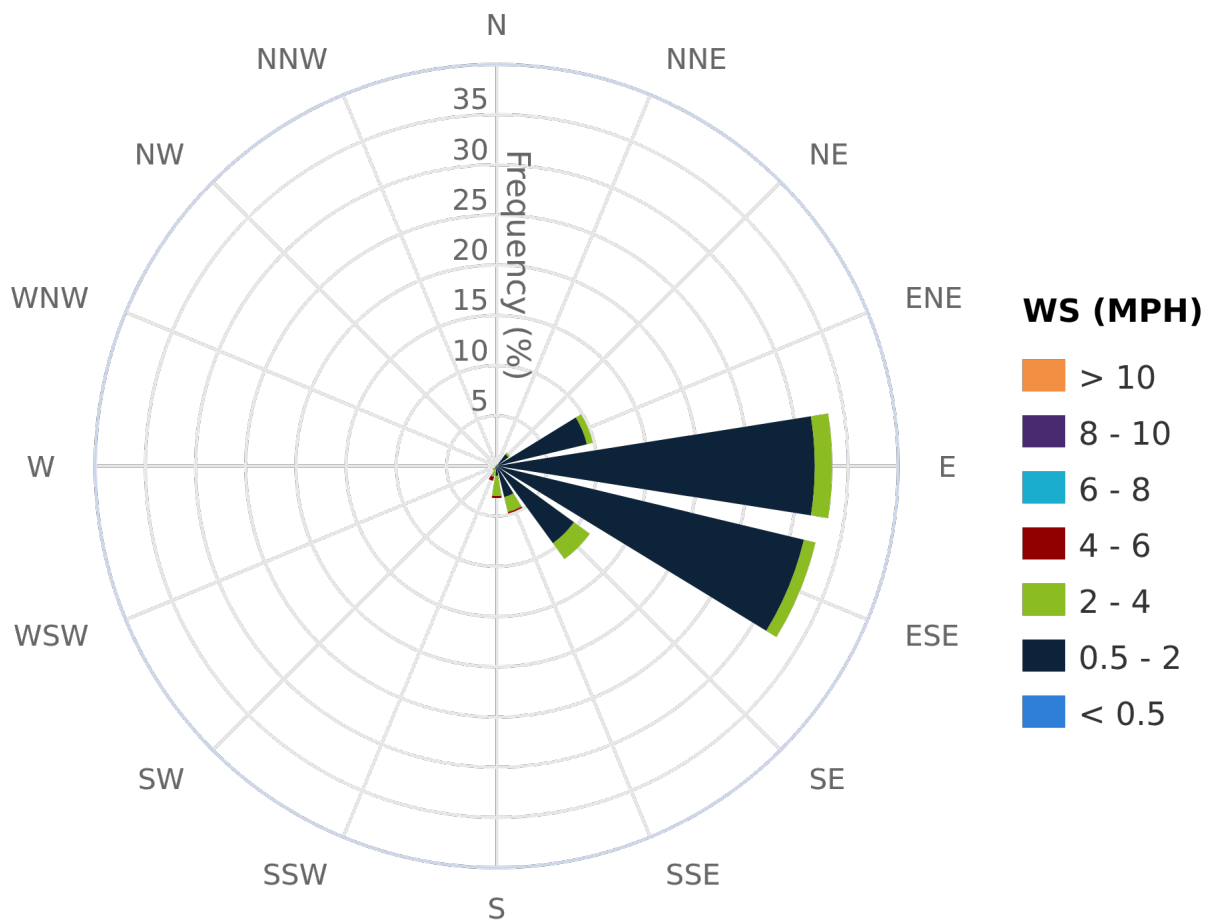


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

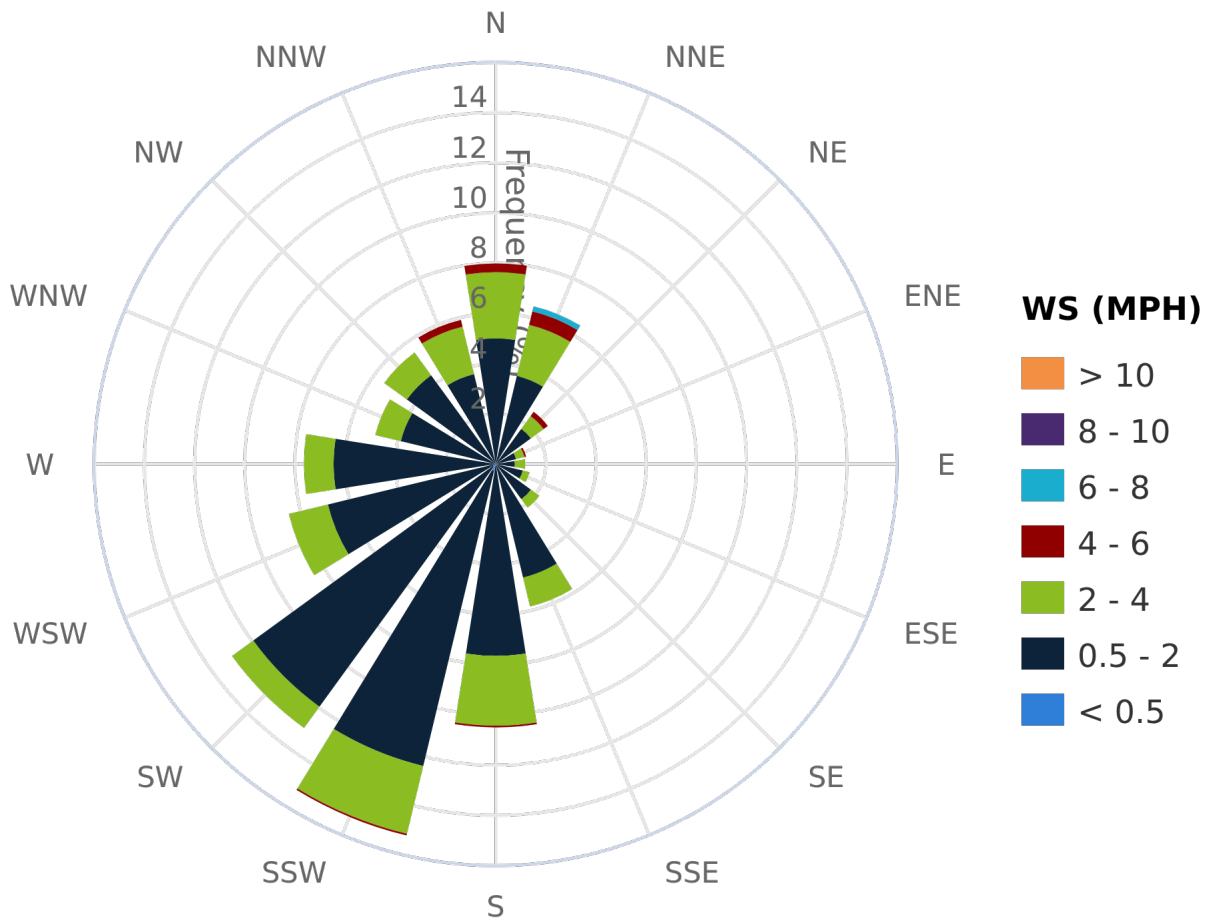


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

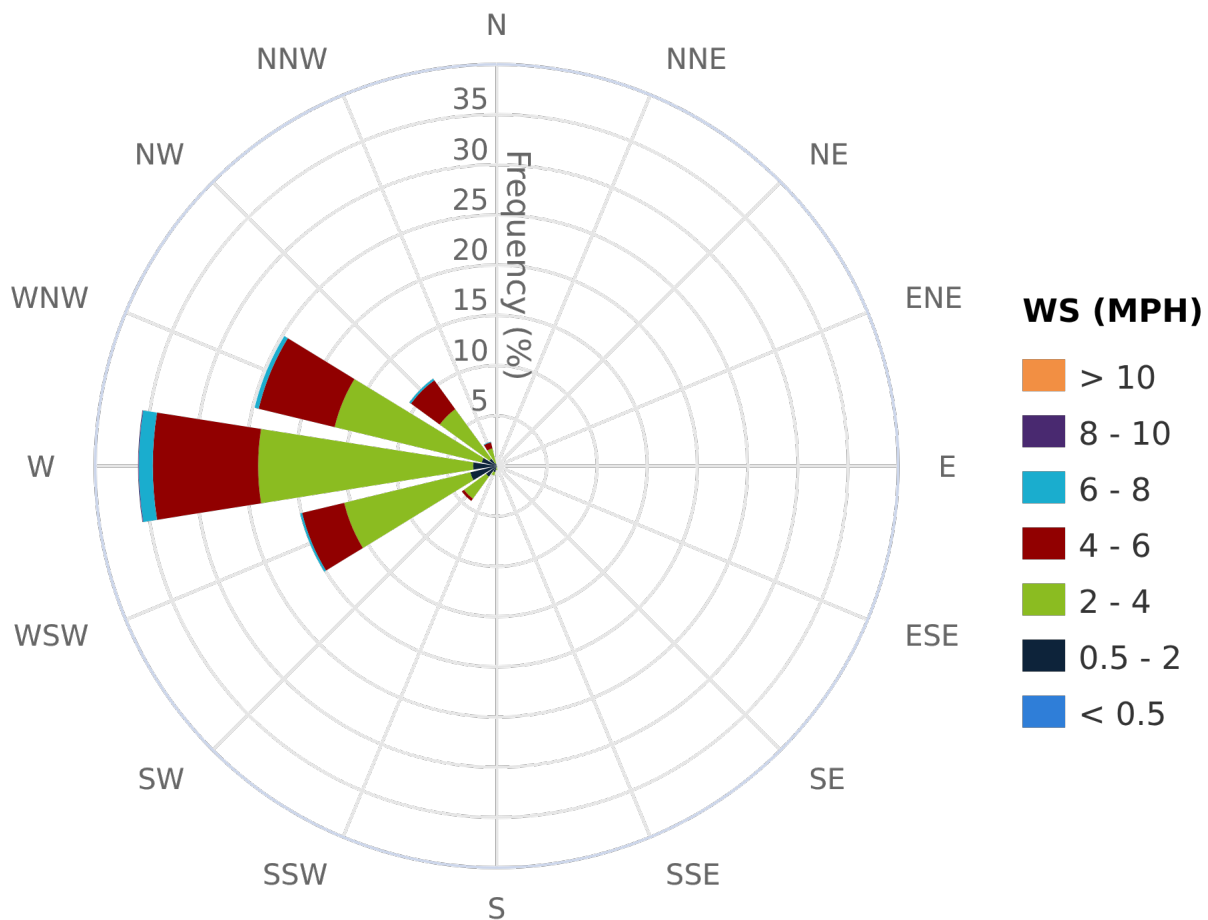


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

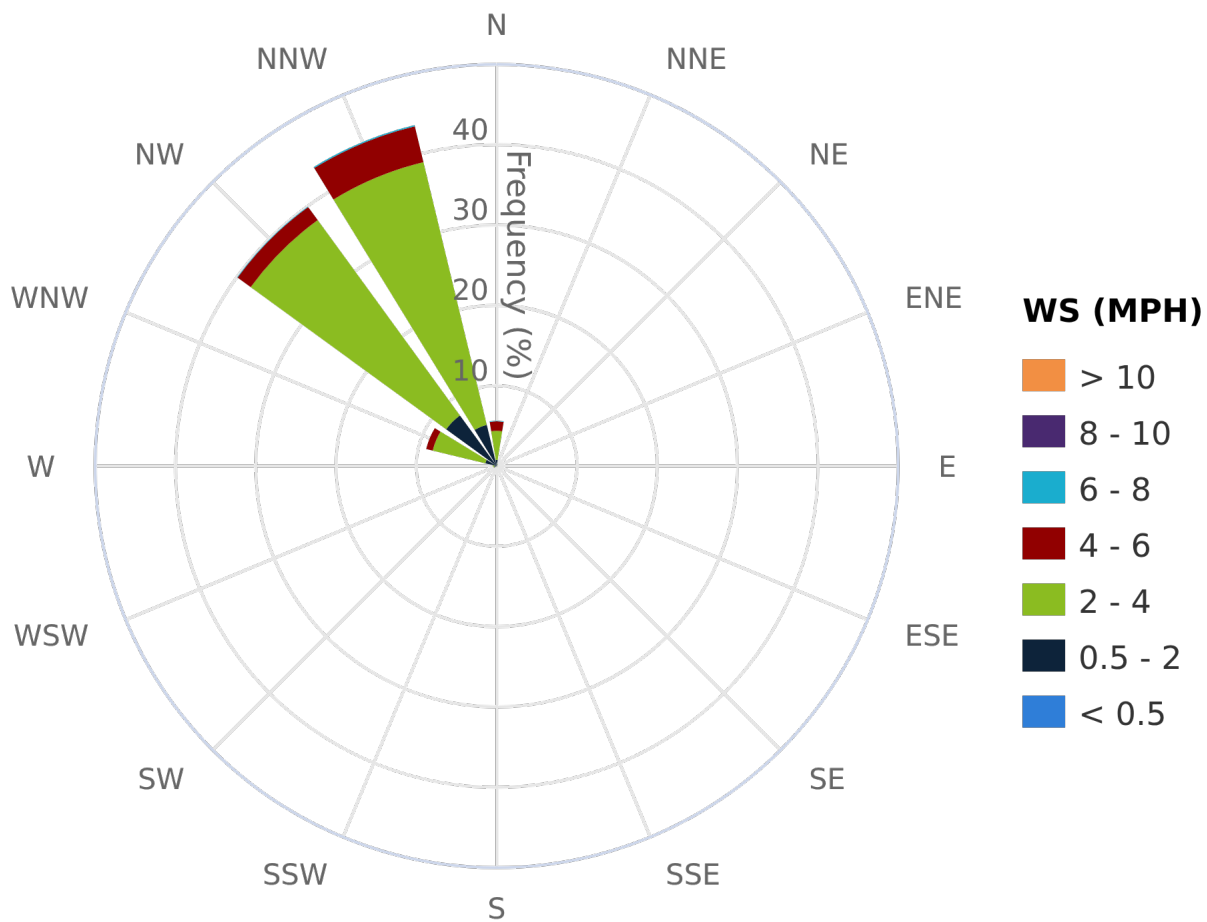


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	10.0	7.1	9.8	10.0	5.6	4.5	5.8	5.9	-0.040	0.001	0.000	0.000
00:15:00	11.4	8.6	10.6	10.7	6.6	5.9	6.4	6.6	-0.029	0.000	0.000	0.000
00:30:00	12.1	9.5	11.4	11.1	6.7	6.4	6.5	6.9	-0.018	-0.001	0.000	0.000
00:45:00	12.9	11.1	12.6	11.7	6.8	7.2	6.6	7.2	0.007	0.000	0.000	0.010
01:00:00	12.8	11.3	12.2	11.4	6.8	7.3	6.6	7.1	0.020	0.000	0.000	0.025
01:15:00	13.2	10.7	11.9	11.5	6.3	6.6	6.1	6.7	0.031	0.000	0.000	0.024
01:30:00	13.3	11.3	12.2	11.4	6.2	6.5	6.0	6.5	0.048	0.000	0.002	0.032
01:45:00	13.4	11.0	12.2	11.1	6.1	6.3	5.8	6.3	0.054	0.001	0.002	0.039
02:00:00	13.1	10.4	12.2	11.4	5.7	5.9	5.3	6.1	0.060	0.000	0.002	0.040
02:15:00	12.7	9.5	11.9	11.6	4.8	4.7	4.7	5.3	0.065	0.001	0.001	0.047
02:30:00	14.5	8.8	11.1	11.0	4.3	3.8	4.1	4.8	0.078	0.000	0.000	0.053
02:45:00	12.6	8.1	10.8	9.6	3.6	3.2	3.4	4.2	0.079	0.000	0.000	0.055
03:00:00	12.1	8.8	10.0	9.6	3.9	3.3	3.4	3.5	0.080	0.000	0.000	0.058
03:15:00	10.5	8.2	8.9	8.3	3.5	3.5	3.0	3.1	0.080	0.000	0.000	0.056
03:30:00	10.8	8.2	9.2	8.9	3.4	3.0	3.4	3.2	0.076	0.000	0.000	0.056
03:45:00	11.8	8.9	9.5	8.6	3.6	3.5	2.9	3.0	0.075	0.000	0.000	0.056
04:00:00	14.1	11.2	9.5	9.2	5.5	5.6	3.5	3.0	0.073	0.000	0.000	0.054
04:15:00	26.9	20.4	9.2	14.4	14.5	13.2	7.2	3.3	0.067	0.000	0.000	0.050
04:30:00	13.3	9.5	10.0	10.9	5.3	4.4	4.9	4.2	0.064	0.001	0.000	0.046
04:45:00	11.3	7.6	9.3	9.1	3.8	2.8	3.7	3.5	0.058	0.001	0.000	0.043
05:00:00	11.4	8.1	8.7	8.8	4.0	3.3	3.4	3.4	0.053	0.001	0.000	0.041
05:15:00	11.2	8.9	10.6	8.5	4.1	3.7	3.4	4.8	0.048	0.001	0.000	0.040
05:30:00	11.5	8.5	10.8	9.1	4.0	3.5	3.6	4.6	0.048	0.000	0.000	0.037
05:45:00	12.0	8.6	11.1	9.4	4.1	3.6	3.6	4.6	0.054	0.000	0.000	0.041
06:00:00	11.1	8.7	10.2	8.4	4.1	4.2	3.6	4.8	0.054	0.000	0.000	0.040
06:15:00	10.5	8.5	9.8	8.0	4.1	4.2	3.5	4.7	0.050	0.000	0.000	0.039
06:30:00	10.2	7.8	8.8	7.0	3.5	3.6	2.8	4.2	0.047	0.000	0.000	0.037
06:45:00	7.1	5.3	6.2	5.5	2.3	2.1	2.0	2.7	0.050	0.001	0.000	0.036
07:00:00	52.5	4.6	6.1	4.7	6.6	2.0	1.9	2.6	0.047	0.001	0.000	0.034
07:15:00	5.8	4.2	5.3	4.5	2.2	1.9	1.9	2.5	0.046	0.000	0.000	0.033
07:30:00	5.7	4.3	6.3	4.6	2.3	1.9	1.9	2.7	0.041	0.001	0.000	0.031
07:45:00	7.0	4.2	8.1	5.0	2.3	2.0	2.0	3.0	0.039	0.000	0.000	0.029
08:00:00	6.5	4.6	7.4	5.8	2.4	2.1	2.2	3.0	0.034	0.000	0.000	0.025
08:15:00	7.4	4.9	5.8	5.4	2.4	2.0	2.0	2.3	0.033	0.000	0.000	0.026
08:30:00	46.4	4.6	8.5	6.0	4.7	1.8	1.9	2.6	0.035	0.000	0.000	0.024
08:45:00	7.1	5.4	7.0	5.5	1.9	1.9	1.8	2.4	0.035	0.000	0.000	0.023
09:00:00	6.4	5.0	7.7	4.7	1.9	1.8	1.6	2.3	0.036	0.000	0.000	0.021
09:15:00	6.2	4.7	5.2	5.5	1.8	1.8	1.7	2.1	0.035	0.000	0.000	0.023
09:30:00	6.7	4.7	7.4	4.9	2.0	1.9	1.7	2.4	0.032	0.000	0.000	0.022
09:45:00	14.8	4.9	6.0	6.2	2.7	1.8	1.8	2.2	0.030	0.000	0.000	0.020
10:00:00	6.4	4.5	9.9	6.1	1.8	1.7	1.8	2.6	0.034	0.000	0.000	0.021
10:15:00	5.5	4.2	5.2	4.3	1.7	1.5	1.5	1.9	0.034	0.001	0.000	0.024
10:30:00	4.9	3.6	4.7	3.7	1.6	1.4	1.3	1.7	0.036	0.001	0.000	0.023
10:45:00	5.2	3.7	4.4	4.0	1.5	1.4	1.4	1.6	0.036	0.001	0.000	0.023
11:00:00	42.3	3.3	5.2	4.3	4.8	1.2	1.5	1.7	0.034	0.001	0.000	0.025
11:15:00	5.8	3.6	7.5	4.9	1.5	1.2	1.4	2.0	0.041	0.001	0.000	0.024
11:30:00	98.5	6.7	9.3	4.7	9.4	1.4	1.4	2.0	0.042	0.000	0.000	0.023
11:45:00	64.8	3.6	6.7	4.5	8.3	1.2	1.3	1.7	0.042	0.000	0.000	0.013



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	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	5.6	3.8	6.0	4.7	1.4	1.2	1.4	1.7	0.034	0.001	0.000	0.001
12:15:00	5.3	3.7	12.3	4.1	1.3	1.2	1.3	2.5	0.032	0.001	0.000	0.000
12:30:00	5.9	4.2	8.3	4.6	1.3	1.2	1.3	1.8	0.017	0.001	0.000	0.000
12:45:00	7.2	4.5	20.0	4.8	1.4	1.3	1.3	3.6	0.009	0.001	0.000	0.000
13:00:00	6.7	4.5	7.7	5.8	1.3	1.2	1.3	1.6	-0.005	0.002	0.000	0.000
13:15:00	7.8	5.1	6.1	5.5	1.4	1.2	1.3	1.4	-0.032	0.001	0.000	0.000
13:30:00	40.9	5.7	7.4	5.6	4.6	1.4	1.3	1.5	-0.044	0.001	0.000	0.000
13:45:00	6.4	5.0	10.9	5.6	1.3	1.2	1.3	1.8	-0.064	0.001	0.000	0.000
14:00:00	8.4	4.8	10.7	5.2	1.5	1.2	1.2	1.7	-0.079	0.001	0.000	0.000
14:15:00	37.7	4.5	6.0	4.9	4.5	1.2	1.1	1.3	-0.087	0.001	0.000	0.000
14:30:00	6.6	5.1	11.5	5.2	1.3	1.4	1.3	1.9	-0.091	0.000	0.000	0.000
14:45:00	17.8	4.5	12.3	5.2	2.4	1.2	1.2	2.0	-0.100	0.000	0.000	0.000
15:00:00	22.1	5.0	6.1	5.3	2.7	1.3	1.2	1.5	-0.105	0.001	0.000	0.000
15:15:00	7.0	4.3	13.3	6.4	1.3	1.2	1.4	2.4	-0.108	0.001	0.000	0.000
15:30:00	42.1	4.5	6.8	6.4	5.6	1.2	1.4	1.5	-0.110	0.000	0.000	0.000
15:45:00	8.0	4.2	6.5	5.4	1.5	1.3	1.4	1.6	-0.107	0.000	0.000	0.000
16:00:00	5.4	4.1	7.0	4.9	1.3	1.3	1.3	1.7	-0.107	0.001	0.000	0.000
16:15:00	51.3	4.1	6.8	4.8	6.7	1.2	1.4	1.8	-0.099	0.000	0.000	0.000
16:30:00	6.7	4.7	19.2	5.4	1.5	1.4	1.5	3.9	-0.085	0.000	0.000	0.000
16:45:00	5.9	5.0	20.7	5.1	1.5	1.5	1.5	4.2	-0.068	0.000	0.000	0.000
17:00:00	21.2	4.5	9.1	5.5	3.3	1.5	1.5	2.1	-0.043	0.000	0.000	0.000
17:15:00	6.5	4.6	9.0	5.6	1.6	1.5	1.6	2.2	-0.019	0.001	0.000	0.000
17:30:00	6.2	5.5	12.2	5.4	1.6	1.6	1.6	2.5	0.000	0.000	0.000	0.000
17:45:00	6.6	5.9	10.6	5.7	1.7	1.7	1.5	2.3	0.005	0.000	0.000	0.001
18:00:00	9.0	5.9	7.4	5.9	1.8	1.8	1.6	1.9	0.011	0.000	0.000	0.005
18:15:00	6.9	5.2	17.8	5.3	1.7	1.6	1.5	3.8	0.022	0.000	0.000	0.007
18:30:00	48.3	4.3	17.0	5.3	6.3	1.4	1.5	3.5	0.025	-0.001	0.000	0.009
18:45:00	6.3	4.4	7.1	5.8	1.7	1.5	1.7	2.2	0.026	0.000	0.000	0.009
19:00:00	7.2	5.0	7.0	6.7	2.0	1.6	2.0	2.4	0.026	0.000	0.000	0.008
19:15:00	8.3	6.2	8.4	7.2	2.1	2.0	2.1	2.5	0.027	0.000	0.000	0.011
19:30:00	8.9	7.3	8.9	7.8	2.3	2.2	2.2	2.7	0.026	0.000	0.000	0.012
19:45:00	8.9	8.0	19.5	8.0	2.4	2.3	2.2	4.3	0.024	0.000	0.000	0.011
20:00:00	9.2	6.8	8.7	8.0	2.5	2.2	2.3	2.6	0.017	0.000	0.000	0.011
20:15:00	10.8	6.4	9.0	8.2	2.5	2.1	2.3	2.7	0.024	0.000	0.000	0.011
20:30:00	10.3	6.4	8.5	7.9	2.4	2.1	2.2	2.6	0.025	0.000	0.000	0.013
20:45:00	9.2	6.7	9.5	8.0	2.3	2.0	2.6	3.4	0.030	0.001	0.000	0.013
21:00:00	11.1	6.7	8.6	7.4	3.1	2.3	2.3	2.3	0.031	0.000	0.000	0.015
21:15:00	10.3	6.9	7.0	6.9	2.3	2.0	2.1	2.1	0.034	0.000	0.000	0.018
21:30:00	9.8	6.3	10.1	7.3	2.2	2.0	2.1	2.5	0.035	0.000	0.000	0.016
21:45:00	20.0	8.6	11.0	9.1	3.2	2.3	2.3	2.7	0.034	0.000	0.000	0.016
22:00:00	10.0	8.0	7.9	7.2	2.3	2.2	2.0	2.3	0.033	0.000	0.000	0.016
22:15:00	50.7	7.4	6.6	6.0	6.7	2.1	1.8	2.2	0.032	0.000	0.000	0.016
22:30:00	37.3	6.7	10.9	6.8	5.7	2.0	1.9	2.5	0.031	0.000	0.000	0.017
22:45:00	8.0	6.0	7.8	6.3	2.1	1.9	1.8	2.2	0.030	0.000	0.000	0.015
23:00:00	8.5	6.4	6.1	5.5	2.1	1.9	1.7	2.1	0.028	0.000	0.000	0.013
23:15:00	7.3	5.4	5.9	5.3	1.9	1.8	1.6	2.0	0.027	0.000	0.000	0.012
23:30:00	6.4	5.2	5.6	5.2	1.8	1.8	1.6	1.9	0.024	0.000	0.000	0.013
23:45:00	6.1	4.8	5.5	4.9	1.9	1.8	1.6	1.9	0.024	0.000	0.000	0.012



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