



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 10.56	2943 ESE	2693 N	2996 S	2997 NNW	Min : 71.06 Max : 91.22	Min : 61.00 Max : 95.90	Min : 29.77 Max : 30.14

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	6.5	11.0	2.9	5.7	0.000	0.001
2943	11.3	23.9	3.2	6.7	-0.007	0.074
2996	8.7	17.2	3.2	6.7	0.001	0.017
2997	13.5	29.1	3.4	7.3	0.004	0.026



Figure 1 : Monitoring Locations

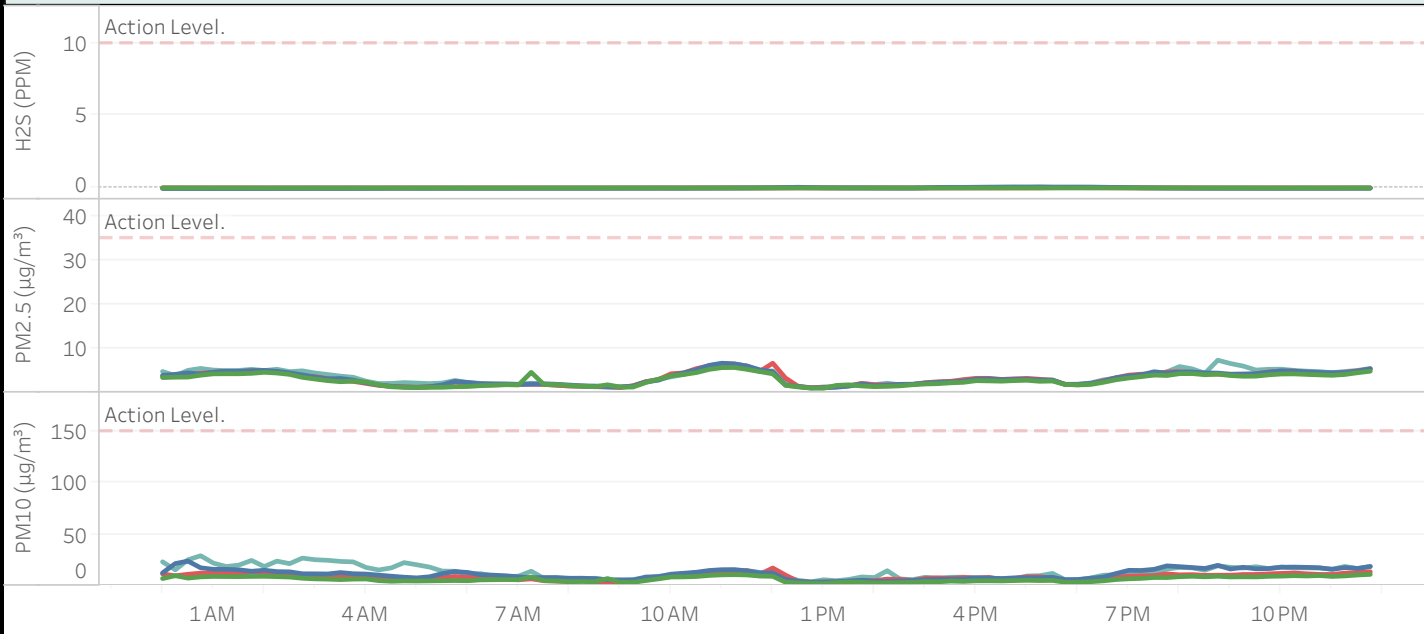


Figure 2 : 15 Minutes Average Concentrations



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Wind Rose Chart 2943

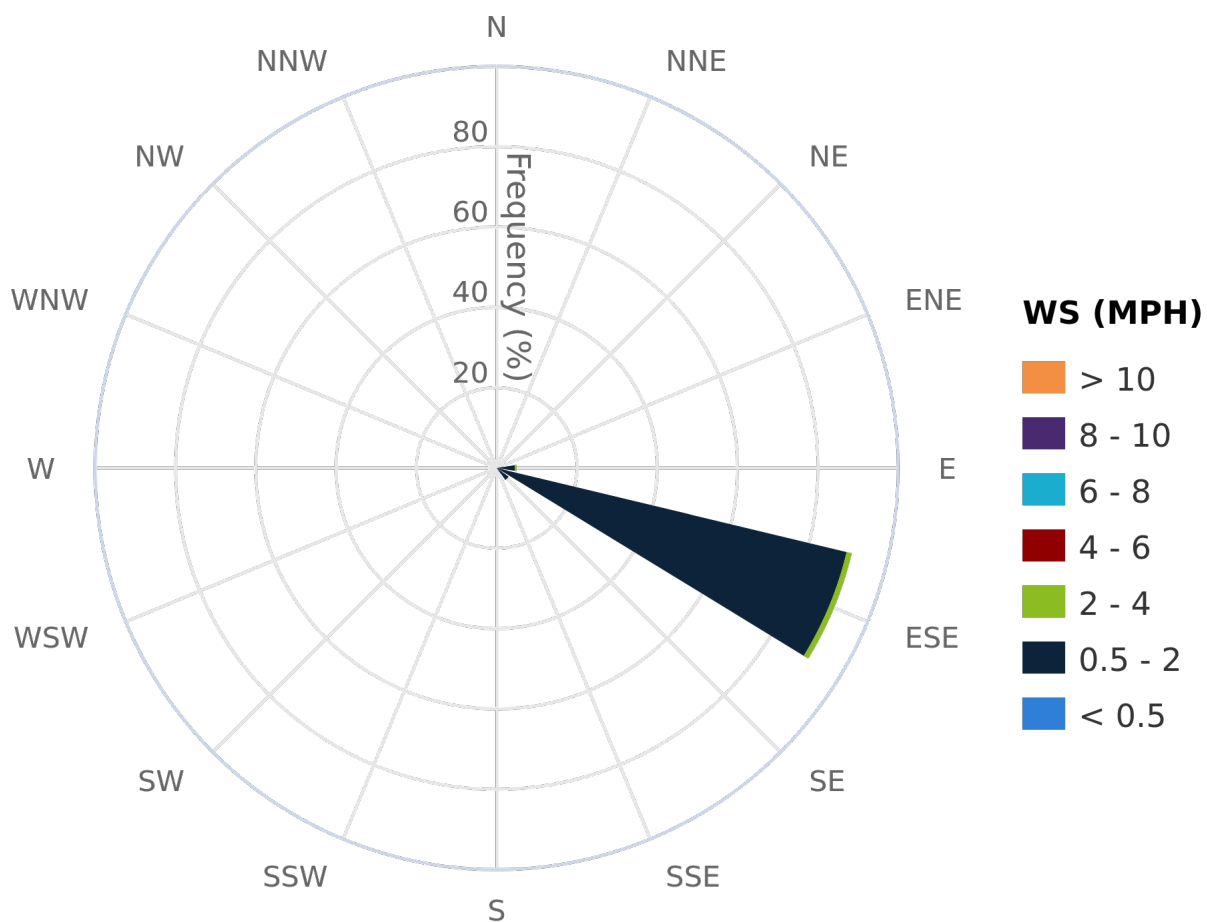


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

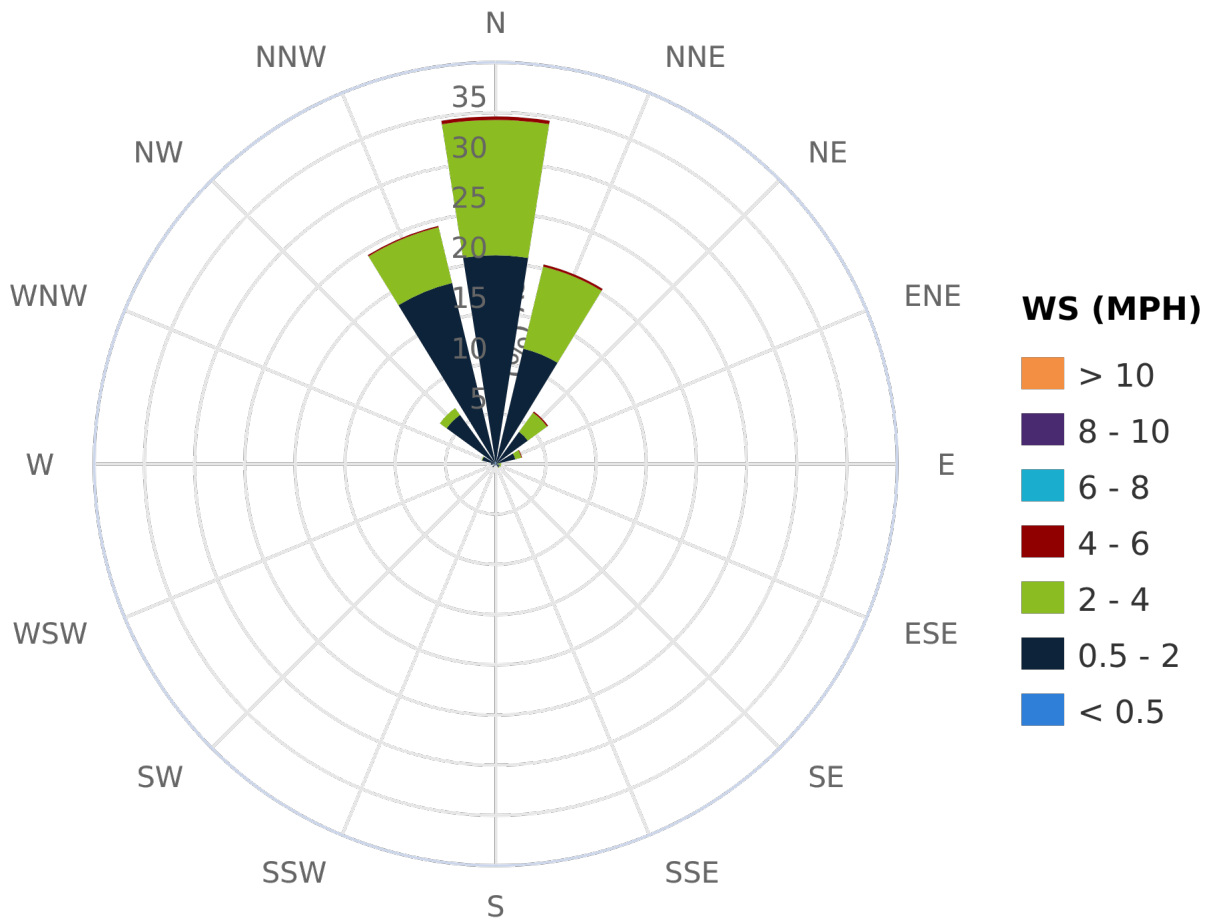


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

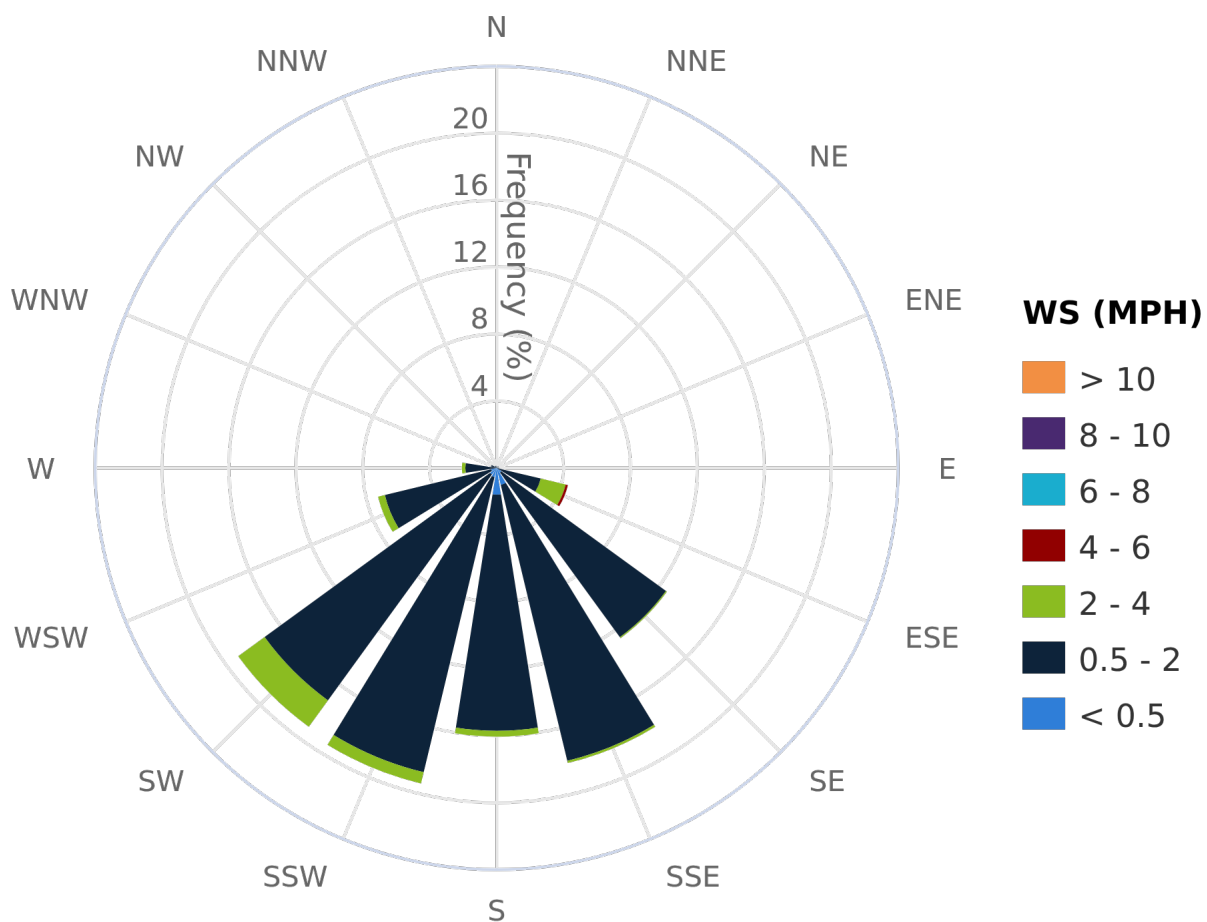


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

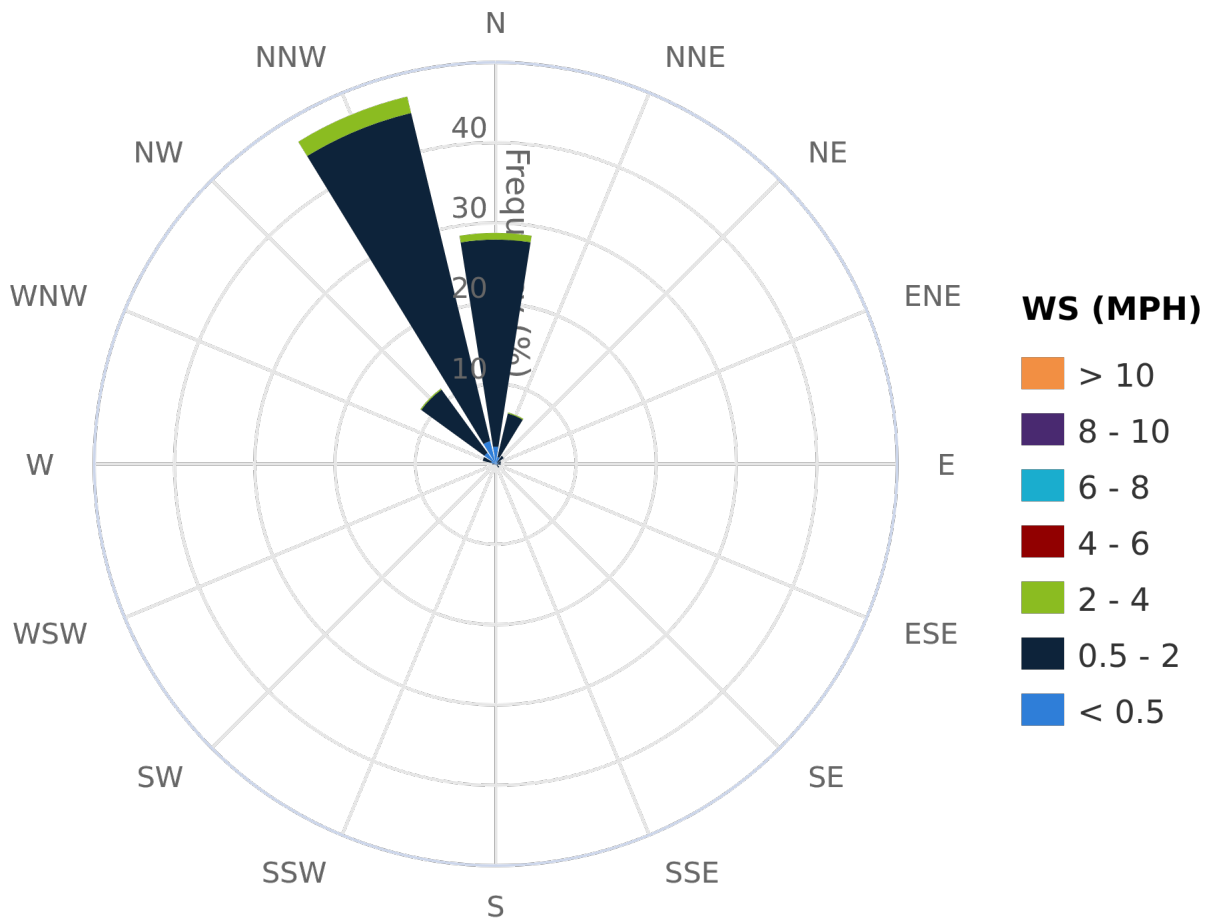


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.5	7.0	23.2	11.5	3.9	3.4	3.7	4.8	-0.042	0.000	0.000	0.000
00:15:00	21.5	9.8	15.4	9.7	4.1	3.5	3.6	3.8	-0.042	0.000	0.006	0.000
00:30:00	23.9	7.4	25.2	11.1	4.5	3.5	4.1	5.0	-0.042	0.000	0.000	0.000
00:45:00	17.4	8.6	29.1	12.2	4.2	3.9	4.4	5.5	-0.043	0.001	0.000	0.000
01:00:00	15.9	9.0	21.9	12.1	4.6	4.2	4.6	5.1	-0.046	0.000	0.000	0.000
01:15:00	15.9	8.9	18.7	12.2	4.9	4.3	4.8	5.0	-0.042	0.000	0.000	0.000
01:30:00	15.5	8.9	20.0	11.3	4.8	4.3	4.8	5.0	-0.043	0.000	0.000	0.000
01:45:00	14.0	9.0	24.5	13.6	5.0	4.4	5.0	5.3	-0.041	0.000	0.000	0.000
02:00:00	15.0	9.1	18.6	12.7	5.0	4.6	4.9	5.0	-0.041	0.000	0.000	0.000
02:15:00	13.7	8.8	23.9	12.6	4.8	4.4	4.7	5.3	-0.039	0.000	0.000	0.000
02:30:00	13.5	8.4	21.4	11.6	4.5	4.1	4.3	4.7	-0.038	0.000	0.000	0.000
02:45:00	11.6	7.3	26.8	9.7	4.0	3.5	3.8	4.9	-0.037	0.000	0.000	0.000
03:00:00	11.6	6.7	25.2	9.5	3.5	3.1	3.6	4.4	-0.035	0.000	0.000	0.000
03:15:00	11.4	6.4	24.7	8.8	3.1	2.7	3.2	4.1	-0.037	0.000	0.000	0.000
03:30:00	12.8	6.0	23.6	8.9	3.2	2.5	2.9	3.7	-0.037	0.000	0.000	0.000
03:45:00	11.7	6.5	23.1	9.2	2.8	2.6	2.5	3.5	-0.035	0.000	0.000	0.000
04:00:00	11.4	6.6	17.8	9.0	2.2	2.4	2.1	2.6	-0.033	0.001	0.000	0.000
04:15:00	10.3	5.0	15.3	8.1	1.7	1.7	1.6	2.1	-0.030	0.001	0.000	0.000
04:30:00	9.3	4.4	17.3	7.2	1.4	1.3	1.4	2.1	-0.029	0.000	0.000	0.000
04:45:00	8.3	4.7	22.4	7.0	1.3	1.2	1.3	2.3	-0.027	-0.001	0.000	0.000
05:00:00	7.6	4.6	20.3	6.2	1.2	1.2	1.2	2.2	-0.028	0.000	0.000	0.000
05:15:00	8.7	4.7	18.1	7.4	1.3	1.2	1.3	2.0	-0.029	0.000	0.000	0.000
05:30:00	11.8	4.9	14.2	7.7	1.7	1.2	1.6	2.2	-0.028	0.000	0.000	0.000
05:45:00	13.8	5.1	14.1	9.0	2.5	1.3	2.4	2.7	-0.026	0.000	0.000	0.000
06:00:00	12.9	4.9	11.2	8.1	2.3	1.4	2.0	2.3	-0.027	0.000	0.000	0.000
06:15:00	10.8	5.7	11.8	7.8	2.0	1.6	1.7	2.1	-0.028	0.000	0.000	0.000
06:30:00	10.3	5.9	9.6	6.9	2.0	1.7	1.8	1.9	-0.027	0.000	0.000	0.000
06:45:00	9.7	6.0	8.9	6.6	2.0	1.8	1.8	1.9	-0.027	0.000	0.000	0.000
07:00:00	8.6	5.8	9.3	5.8	1.9	1.7	1.9	1.8	-0.026	0.000	0.000	0.000
07:15:00	7.7	8.5	14.1	6.7	1.9	4.6	1.9	2.1	-0.025	0.001	0.000	0.000
07:30:00	8.0	4.9	7.2	4.9	2.0	1.8	1.8	1.9	-0.024	0.000	0.000	0.000
07:45:00	8.0	4.6	6.8	4.5	1.9	1.8	1.7	1.7	-0.025	0.000	0.000	0.000
08:00:00	7.3	4.0	7.3	4.0	1.7	1.6	1.5	1.5	-0.025	0.000	0.000	0.000
08:15:00	7.3	4.1	6.6	5.1	1.5	1.5	1.5	1.4	-0.025	0.000	0.000	0.000
08:30:00	6.9	3.9	7.3	4.0	1.5	1.3	1.3	1.4	-0.024	0.000	0.000	0.000
08:45:00	5.7	7.0	5.7	3.5	1.4	1.8	1.3	1.2	-0.023	0.000	0.000	0.000
09:00:00	5.8	3.5	5.3	3.0	1.3	1.3	1.2	1.1	-0.022	0.000	0.000	0.000
09:15:00	5.4	3.3	6.2	4.4	1.5	1.3	1.6	1.5	-0.021	0.000	0.000	0.000
09:30:00	8.5	5.0	7.4	6.6	2.4	2.3	2.5	2.4	-0.020	0.000	0.000	0.000
09:45:00	8.9	6.7	9.2	8.1	2.8	3.0	3.0	3.0	-0.017	0.001	0.000	0.000
10:00:00	11.3	8.5	9.6	10.6	3.8	3.8	4.3	3.6	-0.020	0.000	0.000	0.000
10:15:00	12.1	8.6	11.4	11.6	4.5	4.1	4.5	4.1	-0.020	0.000	0.000	0.000
10:30:00	13.1	9.0	11.9	12.5	5.2	4.5	5.4	5.0	-0.014	0.000	0.000	0.000
10:45:00	14.8	10.0	13.0	13.5	6.2	5.2	6.1	5.8	-0.013	0.000	0.000	0.000
11:00:00	15.6	10.6	13.5	14.7	6.7	5.7	6.5	6.1	-0.009	0.000	0.000	0.000
11:15:00	15.7	10.8	13.6	14.6	6.5	5.7	6.5	5.9	-0.004	0.001	0.000	0.000
11:30:00	14.3	10.5	14.7	14.6	6.0	5.2	6.0	5.4	0.001	-0.001	0.000	0.000
11:45:00	12.4	9.4	12.9	11.2	5.2	4.7	4.8	4.8	0.008	0.000	0.000	0.000



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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	12.4	9.1	13.4	17.2	4.7	4.3	6.7	4.9	0.016	0.000	0.000	0.000
12:15:00	6.2	3.5	8.6	10.3	1.7	1.6	3.3	2.1	0.030	-0.001	0.001	0.008
12:30:00	4.3	2.8	5.3	4.1	1.4	1.3	1.4	1.4	0.047	-0.001	0.005	0.016
12:45:00	3.6	2.3	3.8	3.3	1.1	1.0	1.1	1.0	0.026	0.000	0.001	0.006
13:00:00	3.6	2.2	5.8	3.6	1.1	1.0	1.2	1.3	0.013	0.000	0.000	0.001
13:15:00	4.0	3.1	4.9	3.7	1.2	1.6	1.3	1.4	0.006	0.000	0.000	0.001
13:30:00	4.6	3.5	6.2	4.4	1.5	1.8	1.5	1.6	0.000	0.000	0.000	0.000
13:45:00	5.3	3.4	8.5	5.3	1.9	1.5	2.1	2.0	0.001	0.000	0.000	0.000
14:00:00	4.3	2.7	7.9	5.0	1.6	1.4	1.8	1.8	-0.004	-0.001	0.000	0.000
14:15:00	4.2	2.8	14.6	6.4	1.7	1.4	1.8	2.1	-0.007	0.000	0.000	0.000
14:30:00	4.6	3.1	6.6	6.2	1.9	1.5	1.8	1.8	-0.012	0.000	0.000	0.000
14:45:00	5.1	3.3	5.9	5.2	1.9	1.8	1.9	1.9	-0.010	0.000	0.000	0.000
15:00:00	5.9	4.0	8.3	7.2	2.2	2.0	2.2	2.2	0.011	0.000	0.000	0.000
15:15:00	6.3	3.8	7.1	7.7	2.3	2.0	2.5	2.3	0.038	0.000	0.000	0.003
15:30:00	6.4	4.5	8.2	7.1	2.4	2.2	2.5	2.6	0.043	-0.001	0.000	0.008
15:45:00	6.6	4.2	8.3	8.0	2.6	2.3	2.9	2.6	0.042	0.001	0.000	0.010
16:00:00	7.6	4.8	7.6	7.5	3.0	2.7	3.2	3.0	0.049	0.000	0.000	0.010
16:15:00	7.4	4.8	7.6	8.1	3.1	2.7	3.2	2.9	0.056	0.000	0.000	0.016
16:30:00	7.0	4.7	6.8	6.1	2.9	2.6	3.0	2.7	0.063	-0.001	0.000	0.021
16:45:00	7.7	5.0	6.9	7.1	3.0	2.7	3.1	2.9	0.070	0.000	0.001	0.024
17:00:00	7.7	5.3	9.5	8.7	3.0	2.8	3.2	3.0	0.066	0.000	0.001	0.024
17:15:00	7.7	5.0	9.7	8.7	2.8	2.6	3.0	2.9	0.074	-0.001	0.003	0.026
17:30:00	8.2	5.2	12.0	7.5	2.8	2.6	2.8	2.9	0.063	0.000	0.012	0.023
17:45:00	5.9	3.4	5.8	4.9	1.9	1.8	1.9	1.8	0.062	0.000	0.017	0.022
18:00:00	6.1	3.4	5.7	3.7	1.9	1.7	1.8	1.9	0.064	0.000	0.016	0.026
18:15:00	7.3	4.0	7.5	4.5	2.1	1.8	2.1	2.2	0.061	-0.001	0.014	0.024
18:30:00	8.3	4.8	10.2	6.8	2.6	2.3	2.7	2.9	0.047	0.000	0.011	0.023
18:45:00	11.8	6.1	10.7	7.9	3.4	2.9	3.4	3.3	0.037	0.000	0.007	0.019
19:00:00	15.0	6.7	11.7	9.3	3.8	3.3	4.0	3.7	0.024	0.000	0.003	0.014
19:15:00	14.8	7.2	12.1	9.6	4.0	3.6	4.2	3.9	0.010	0.000	0.001	0.008
19:30:00	15.9	8.0	12.1	9.9	4.7	4.0	4.2	4.0	0.001	0.000	0.001	0.006
19:45:00	19.3	7.9	16.2	11.5	4.4	3.9	4.7	4.7	-0.007	0.000	0.000	0.005
20:00:00	18.5	8.8	17.7	10.6	4.7	4.3	4.7	5.9	-0.012	0.000	0.000	0.004
20:15:00	17.6	9.2	17.3	10.8	4.7	4.3	4.5	5.4	-0.018	0.001	0.000	0.002
20:30:00	16.8	8.7	15.0	10.1	4.5	4.0	4.2	4.4	-0.022	0.000	0.000	0.000
20:45:00	19.8	9.2	19.4	10.2	4.4	4.2	4.2	7.3	-0.022	0.000	0.000	0.000
21:00:00	16.2	8.5	17.9	10.3	4.2	3.9	4.0	6.6	-0.024	0.001	0.000	0.000
21:15:00	17.9	8.7	17.2	10.9	4.2	3.7	4.1	6.0	-0.023	0.000	0.000	0.000
21:30:00	16.4	8.6	18.5	11.0	4.3	3.7	4.3	5.1	-0.025	0.000	0.000	0.000
21:45:00	16.7	9.1	16.7	11.5	4.6	4.0	4.7	5.3	-0.027	0.000	0.000	0.000
22:00:00	17.9	9.3	18.2	12.0	4.9	4.2	4.8	5.3	-0.029	0.000	0.000	0.000
22:15:00	18.1	9.8	17.2	12.4	4.8	4.2	4.9	5.0	-0.027	0.001	0.000	0.000
22:30:00	17.8	9.5	17.3	11.6	4.7	4.1	4.6	4.9	-0.026	0.000	0.000	0.000
22:45:00	17.4	9.9	17.1	11.0	4.6	4.0	4.3	4.8	-0.026	0.000	0.000	0.000
23:00:00	15.9	9.0	16.1	10.9	4.5	3.9	4.3	4.5	-0.025	0.000	0.000	0.000
23:15:00	17.6	9.6	18.7	12.2	4.5	4.1	4.6	4.8	-0.023	0.000	0.000	0.000
23:30:00	16.8	10.4	16.6	12.8	4.8	4.5	4.9	5.0	-0.022	0.000	0.000	0.000
23:45:00	18.7	11.0	18.8	13.6	5.4	4.8	5.4	5.5	-0.021	-0.001	0.000	0.000



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