



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-01

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.2010 Max : 14.94	2943 ESE	2693 NNE	2996 SE	2997 N	Min : 66.92 Max : 92.84	Min : 53.80 Max : 92.70	Min : 29.86 Max : 30.08

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	16.0	24.3	9.8	15.4	0.000	0.001
2943	21.0	39.1	8.8	14.0	-0.005	0.055
2996	17.8	26.7	8.9	13.1	0.000	0.004
2997	20.0	35.5	8.8	13.4	0.004	0.028



Figure 1 : Monitoring Locations

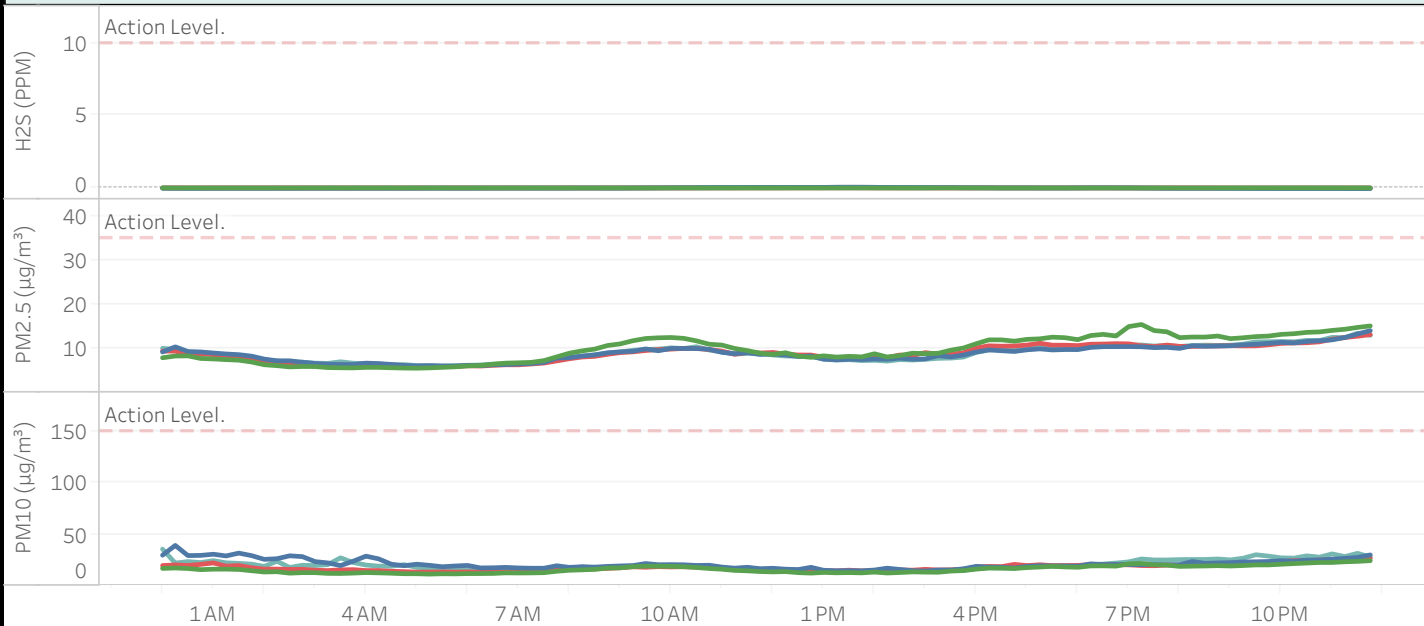


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

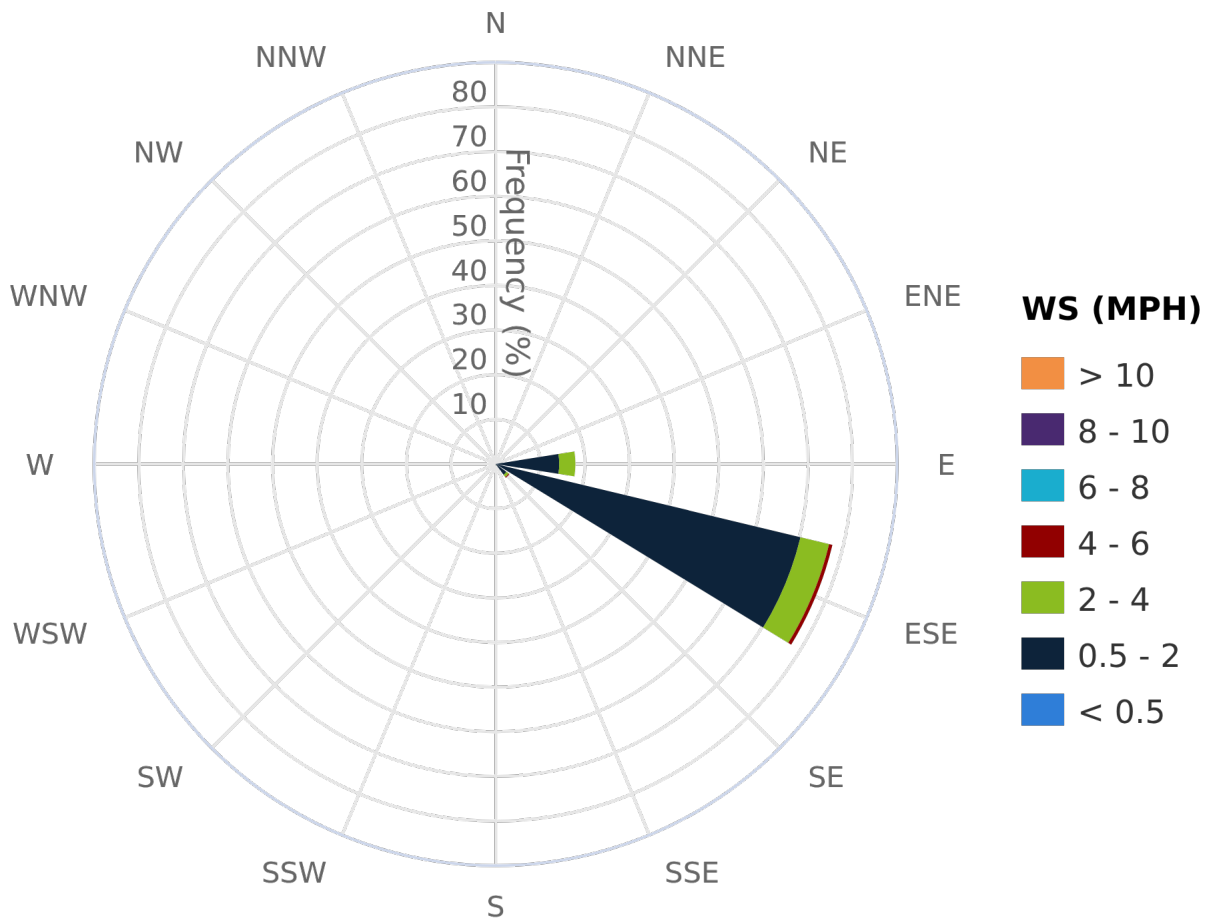


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

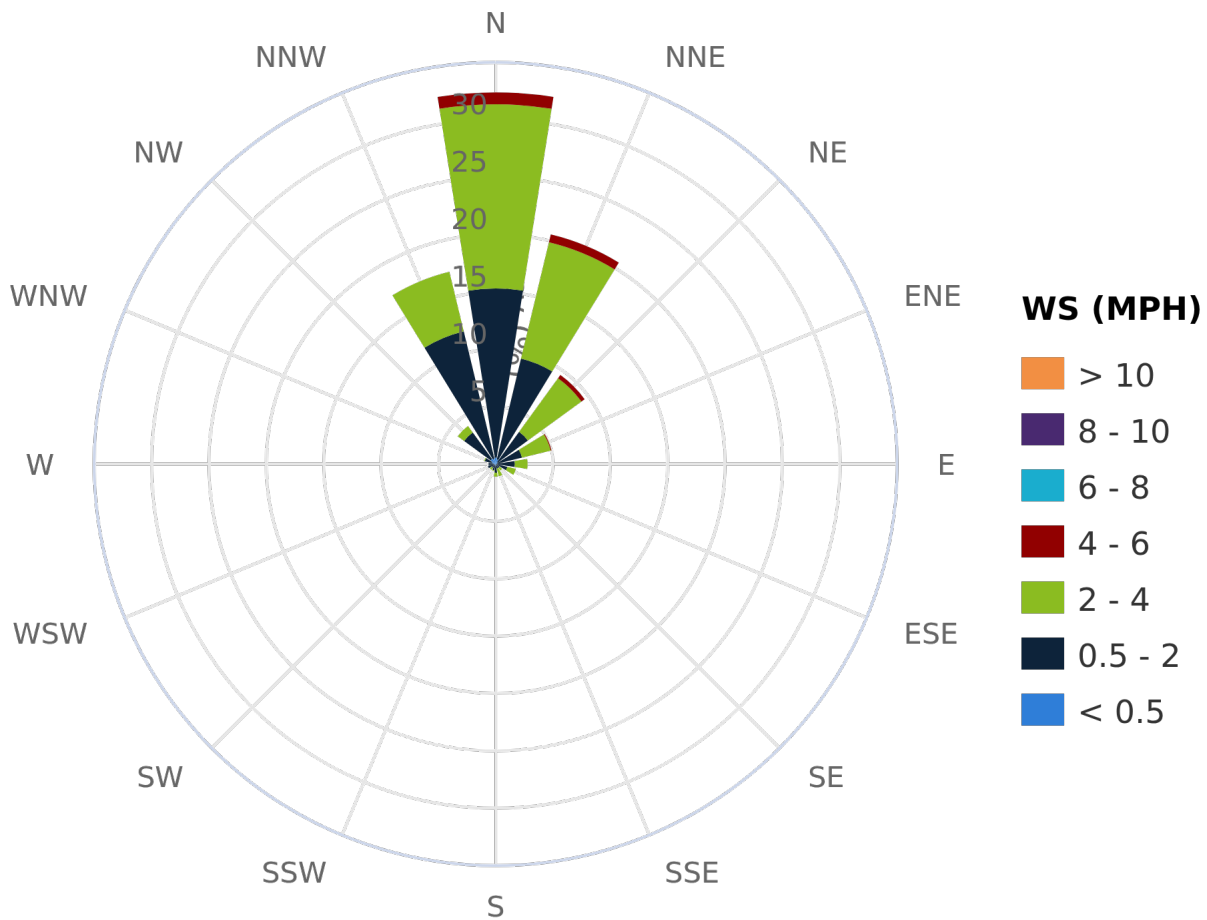


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

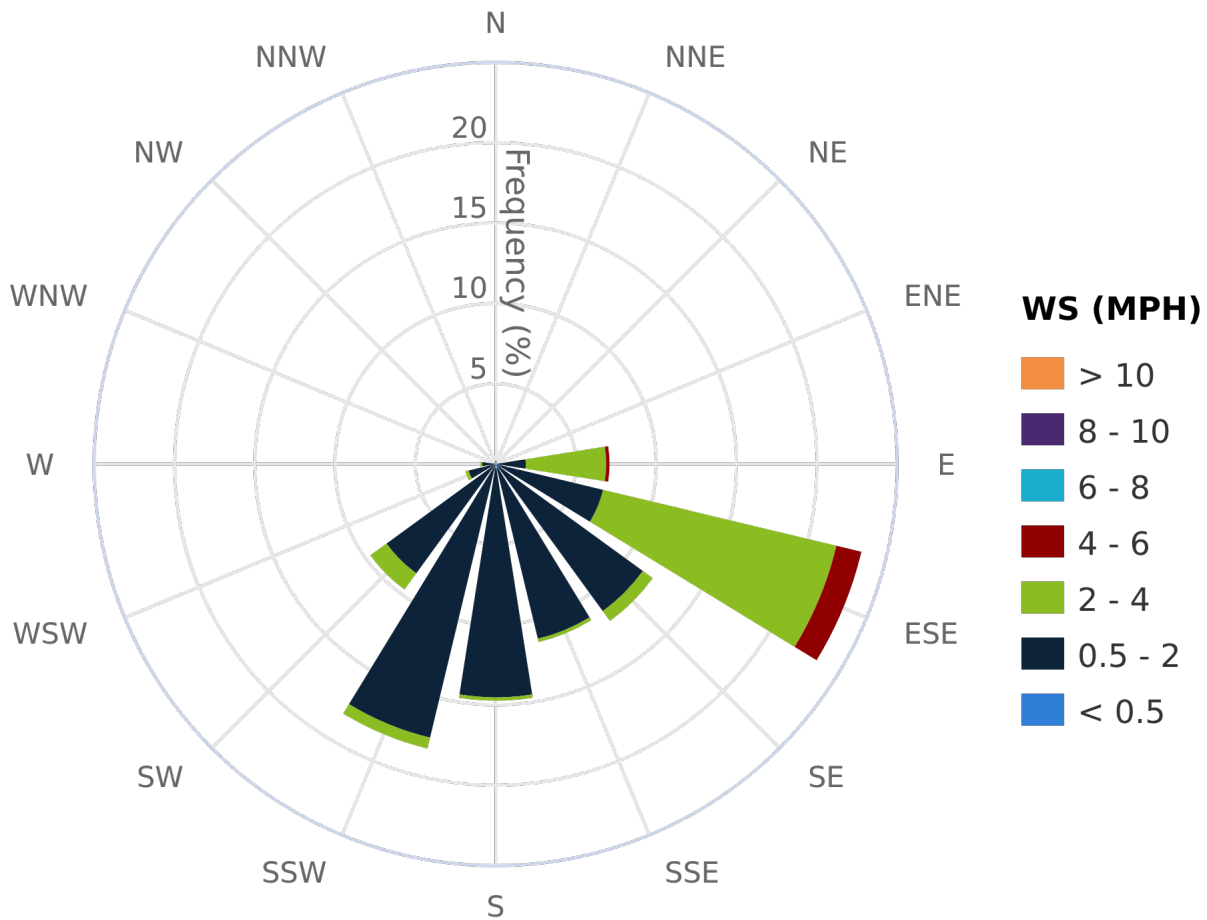


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

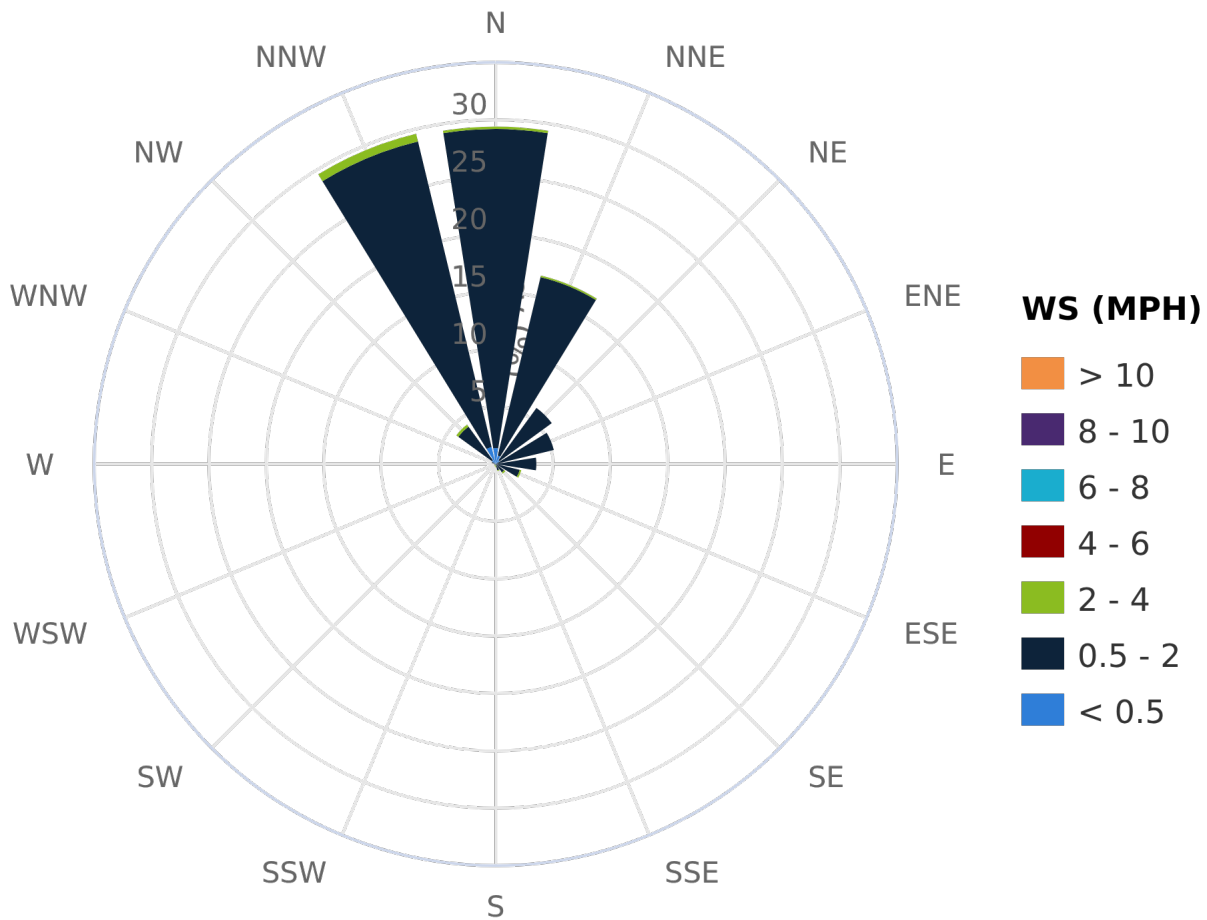


Figure 3 : Wind Rose Chart (WS in MPH)



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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	29.6	16.8	35.5	19.6	9.2	7.9	9.4	10.0	-0.021	0.001	0.000	0.000
00:15:00	39.1	17.2	22.0	20.2	10.4	8.3	9.4	9.8	-0.026	0.000	0.000	0.000
00:30:00	29.2	16.7	23.4	19.7	9.3	8.3	8.6	8.9	-0.029	0.000	0.000	0.000
00:45:00	29.4	15.6	22.5	20.7	9.2	7.7	8.8	8.6	-0.029	0.000	0.000	0.000
01:00:00	30.5	16.1	24.4	22.1	9.0	7.6	8.6	8.7	-0.028	0.000	0.000	0.000
01:15:00	28.9	16.1	22.2	19.0	8.7	7.5	8.4	8.5	-0.025	0.000	0.000	0.000
01:30:00	31.6	15.8	21.7	19.6	8.6	7.3	8.1	8.3	-0.024	0.000	0.000	0.000
01:45:00	29.2	14.6	20.9	17.5	8.2	6.9	7.6	7.7	-0.024	0.000	0.000	0.000
02:00:00	25.6	13.4	18.7	16.1	7.6	6.3	6.9	7.1	-0.025	0.000	0.000	0.000
02:15:00	26.2	13.6	23.8	16.2	7.2	6.1	6.7	7.2	-0.023	0.000	0.000	0.000
02:30:00	29.0	12.2	17.7	15.8	7.2	5.8	6.6	6.6	-0.024	0.000	0.000	0.000
02:45:00	28.2	12.7	19.9	16.0	6.9	5.9	6.6	6.9	-0.022	0.000	0.000	0.000
03:00:00	23.4	12.7	19.6	15.1	6.6	5.9	6.4	6.7	-0.022	0.001	0.000	0.000
03:15:00	22.1	12.0	20.5	14.7	6.4	5.7	6.2	6.6	-0.022	0.000	0.000	0.000
03:30:00	19.6	11.9	27.1	15.4	6.4	5.6	6.3	7.0	-0.021	-0.001	0.000	0.000
03:45:00	23.8	12.3	22.5	15.6	6.4	5.6	6.1	6.7	-0.022	-0.001	0.000	0.000
04:00:00	28.7	12.8	20.1	14.8	6.7	5.7	6.2	6.6	-0.021	0.000	0.000	0.000
04:15:00	26.0	12.5	19.0	14.7	6.6	5.7	6.2	6.5	-0.019	0.000	0.000	0.000
04:30:00	20.9	12.1	18.9	14.1	6.4	5.6	5.9	6.3	-0.020	0.000	0.000	0.000
04:45:00	19.4	11.7	20.4	13.7	6.1	5.6	5.9	6.3	-0.021	0.000	0.000	0.000
05:00:00	20.9	11.6	17.8	13.3	6.0	5.5	5.8	6.1	-0.018	0.000	0.000	0.000
05:15:00	19.8	11.3	17.2	13.3	6.1	5.6	5.8	6.1	-0.017	0.000	0.000	0.000
05:30:00	18.4	11.6	15.9	13.4	6.0	5.7	5.9	6.1	-0.016	0.000	0.000	0.000
05:45:00	19.2	11.5	16.3	13.3	6.0	5.8	5.9	6.1	-0.018	0.000	0.000	0.000
06:00:00	19.7	11.8	15.4	13.4	6.2	6.0	6.1	6.2	-0.017	0.000	0.000	0.000
06:15:00	17.3	11.8	15.4	13.3	6.1	6.1	6.0	6.3	-0.016	0.000	0.000	0.000
06:30:00	17.4	11.9	15.8	13.7	6.3	6.4	6.2	6.4	-0.014	0.000	0.000	0.000
06:45:00	17.8	12.5	15.4	13.4	6.3	6.7	6.3	6.5	-0.013	0.000	0.000	0.000
07:00:00	17.2	12.4	15.0	13.6	6.5	6.7	6.3	6.6	-0.013	0.001	0.000	0.000
07:15:00	17.0	12.5	15.1	13.5	6.6	6.8	6.5	6.6	-0.014	0.000	0.000	0.000
07:30:00	17.0	12.7	15.7	14.0	6.9	7.2	6.7	6.9	-0.014	0.000	0.000	0.000
07:45:00	19.4	14.1	15.9	15.1	7.8	8.1	7.2	7.3	-0.013	0.000	0.000	0.000
08:00:00	17.8	15.0	17.0	15.8	7.9	8.9	7.7	7.9	-0.010	0.000	0.000	0.000
08:15:00	18.5	15.4	18.2	16.5	8.3	9.4	8.0	8.2	-0.008	0.000	0.000	0.000
08:30:00	18.1	15.9	17.5	16.3	8.5	9.8	8.2	8.5	-0.009	0.000	0.000	0.000
08:45:00	18.8	17.1	17.4	16.8	9.0	10.6	8.7	8.9	-0.011	0.000	0.000	0.000
09:00:00	19.2	17.3	17.9	17.4	9.2	11.0	9.0	9.2	-0.011	0.001	0.000	0.000
09:15:00	19.6	18.5	18.8	18.4	9.4	11.7	9.2	9.6	-0.005	0.000	0.000	0.000
09:30:00	21.5	19.0	18.3	18.0	9.9	12.2	9.5	9.8	0.001	-0.001	0.000	0.000
09:45:00	20.4	18.9	19.1	18.5	9.5	12.4	9.7	9.8	0.008	0.000	0.000	0.000
10:00:00	20.5	18.8	20.0	18.2	10.0	12.5	9.8	10.1	0.011	0.001	0.000	0.000
10:15:00	20.3	18.4	19.3	18.4	10.0	12.3	10.0	10.0	0.020	0.000	0.000	0.000
10:30:00	19.7	17.7	19.0	18.1	10.0	11.7	10.0	10.4	0.023	0.000	0.000	0.000
10:45:00	19.9	16.7	17.9	17.9	9.8	10.9	9.8	9.6	0.029	0.000	0.000	0.003
11:00:00	18.1	16.0	16.5	16.9	9.1	10.7	9.4	9.2	0.028	0.000	0.000	0.009
11:15:00	17.1	14.9	15.6	15.7	8.8	10.0	8.7	8.7	0.032	0.000	0.000	0.012
11:30:00	17.9	14.5	16.2	16.6	9.0	9.5	9.1	8.9	0.035	0.001	0.000	0.014
11:45:00	16.5	13.8	16.1	15.7	8.6	8.9	9.0	8.9	0.036	0.000	0.000	0.014



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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	16.9	13.4	15.1	15.8	8.7	8.6	9.1	8.5	0.040	0.000	0.000	0.015
12:15:00	16.1	13.7	15.1	15.6	8.5	9.0	8.7	8.3	0.036	0.001	0.001	0.016
12:30:00	15.7	12.7	14.8	15.1	8.2	8.3	8.5	8.2	0.037	0.000	0.002	0.021
12:45:00	17.9	12.3	15.1	15.2	8.3	8.0	8.5	8.2	0.037	0.000	0.003	0.020
13:00:00	15.0	12.9	14.3	14.6	7.6	8.3	8.0	7.6	0.038	0.000	0.002	0.018
13:15:00	14.5	12.6	13.8	14.4	7.4	8.0	7.9	7.4	0.051	0.000	0.004	0.026
13:30:00	14.6	12.8	14.1	15.1	7.6	8.2	8.1	7.4	0.055	0.000	0.004	0.028
13:45:00	14.5	12.5	13.5	14.4	7.5	8.1	7.9	7.2	0.053	0.000	0.004	0.025
14:00:00	15.3	13.3	13.6	14.8	7.6	8.8	8.2	7.3	0.045	0.000	0.000	0.018
14:15:00	17.0	12.4	13.6	14.1	7.5	8.1	7.9	7.1	0.034	0.000	0.000	0.015
14:30:00	15.8	12.8	13.9	15.4	7.8	8.4	8.5	7.5	0.033	0.000	0.000	0.009
14:45:00	14.6	13.4	14.2	15.1	7.6	8.9	8.4	7.4	0.028	0.000	0.000	0.007
15:00:00	14.3	13.2	14.5	15.9	7.6	8.8	9.0	7.5	0.027	0.000	0.000	0.004
15:15:00	15.3	13.1	14.2	15.3	8.4	8.9	8.7	7.7	0.025	0.000	0.000	0.010
15:30:00	15.2	14.2	14.8	15.5	8.1	9.6	8.7	7.8	0.025	0.001	0.000	0.012
15:45:00	16.4	14.7	15.0	16.1	8.5	10.1	9.0	8.0	0.012	0.000	0.000	0.012
16:00:00	18.8	16.1	16.7	18.2	9.2	11.0	10.1	9.1	0.010	0.000	0.000	0.010
16:15:00	18.1	17.2	17.3	18.7	9.7	11.9	10.6	9.6	0.005	0.000	0.000	0.012
16:30:00	17.9	17.0	17.3	18.6	9.5	11.9	10.5	9.7	-0.001	0.000	0.000	0.010
16:45:00	17.2	16.7	17.3	20.7	9.3	11.6	10.5	9.7	0.000	0.000	0.000	0.006
17:00:00	18.8	17.6	18.9	19.6	9.7	12.0	10.7	10.2	0.000	0.000	0.000	0.007
17:15:00	19.4	18.2	20.0	20.3	9.9	12.2	11.2	10.5	-0.004	-0.001	0.000	0.005
17:30:00	19.1	18.8	19.4	19.5	9.6	12.5	10.7	10.2	-0.008	0.000	0.000	0.006
17:45:00	19.1	18.3	19.1	19.6	9.7	12.4	10.7	10.2	-0.005	0.000	0.000	0.006
18:00:00	19.0	17.9	19.4	19.7	9.7	12.0	10.6	10.1	0.001	0.000	0.000	0.003
18:15:00	21.2	19.2	20.3	20.5	10.2	12.9	10.9	10.5	0.006	0.000	0.000	0.004
18:30:00	20.6	19.3	21.1	20.4	10.4	13.2	11.0	10.5	0.010	0.001	0.000	0.000
18:45:00	20.6	19.0	22.0	20.4	10.4	12.8	11.1	10.9	0.007	0.001	0.000	0.000
19:00:00	20.5	21.3	23.2	20.2	10.4	14.9	11.0	10.8	0.003	0.000	0.000	0.000
19:15:00	20.4	21.7	26.0	19.6	10.4	15.4	10.6	10.8	-0.007	-0.001	0.000	0.000
19:30:00	20.6	20.3	25.0	19.4	10.2	14.0	10.4	10.5	-0.013	-0.001	0.000	0.000
19:45:00	20.4	20.0	25.0	20.0	10.2	13.7	10.7	10.7	-0.022	0.000	0.000	0.000
20:00:00	20.4	18.8	25.3	20.0	10.0	12.4	10.5	10.4	-0.024	0.000	0.000	0.000
20:15:00	23.5	19.0	25.5	20.5	10.6	12.6	10.4	10.6	-0.024	0.000	0.000	0.000
20:30:00	21.7	19.2	25.5	20.6	10.5	12.6	10.5	10.7	-0.025	0.000	0.000	0.000
20:45:00	22.1	19.5	26.0	20.7	10.5	12.8	10.5	10.7	-0.029	-0.001	0.000	0.000
21:00:00	22.4	19.1	25.1	21.0	10.6	12.2	10.6	10.7	-0.030	0.000	0.000	0.000
21:15:00	23.1	19.6	26.7	21.7	10.8	12.4	10.6	11.0	-0.032	0.000	0.000	0.000
21:30:00	23.2	20.2	30.1	21.3	10.9	12.7	10.6	11.5	-0.037	0.000	0.000	0.000
21:45:00	23.5	20.2	28.7	22.7	11.1	12.8	10.8	11.5	-0.039	0.000	0.000	0.000
22:00:00	24.3	20.9	27.0	23.4	11.4	13.2	11.1	11.6	-0.041	0.000	0.000	0.000
22:15:00	23.8	21.5	26.8	24.4	11.2	13.3	11.2	11.5	-0.043	0.000	0.000	0.000
22:30:00	24.8	22.0	29.0	24.3	11.6	13.6	11.3	11.8	-0.041	0.000	0.000	0.000
22:45:00	25.0	22.5	27.7	24.9	11.7	13.7	11.5	11.8	-0.042	0.000	0.000	0.000
23:00:00	25.8	22.6	30.9	25.1	11.9	14.1	12.1	12.5	-0.040	0.000	0.000	0.000
23:15:00	26.5	23.2	28.3	25.1	12.5	14.3	12.5	12.4	-0.043	0.000	0.000	0.000
23:30:00	27.4	23.6	31.4	26.3	13.3	14.7	12.7	13.4	-0.045	0.001	0.000	0.000
23:45:00	29.9	24.3	27.9	26.7	14.0	15.1	13.1	13.0	-0.045	0.000	0.000	0.000



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