



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-07

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 12.59	2943 ESE	2693 NNE	2996 ESE	2997 NNE	Min : 70.88 Max : 93.02	Min : 60.70 Max : 100.0	Min : 29.75 Max : 30.20

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	19.7	27.8	9.1	10.5	0.000	0.001
2943	32.3	67.2	9.8	12.1	0.009	0.079
2996	26.4	43.4	9.7	11.9	0.008	0.056
2997	37.6	108.7	10.1	13.9	0.015	0.065



Figure 1 : Monitoring Locations

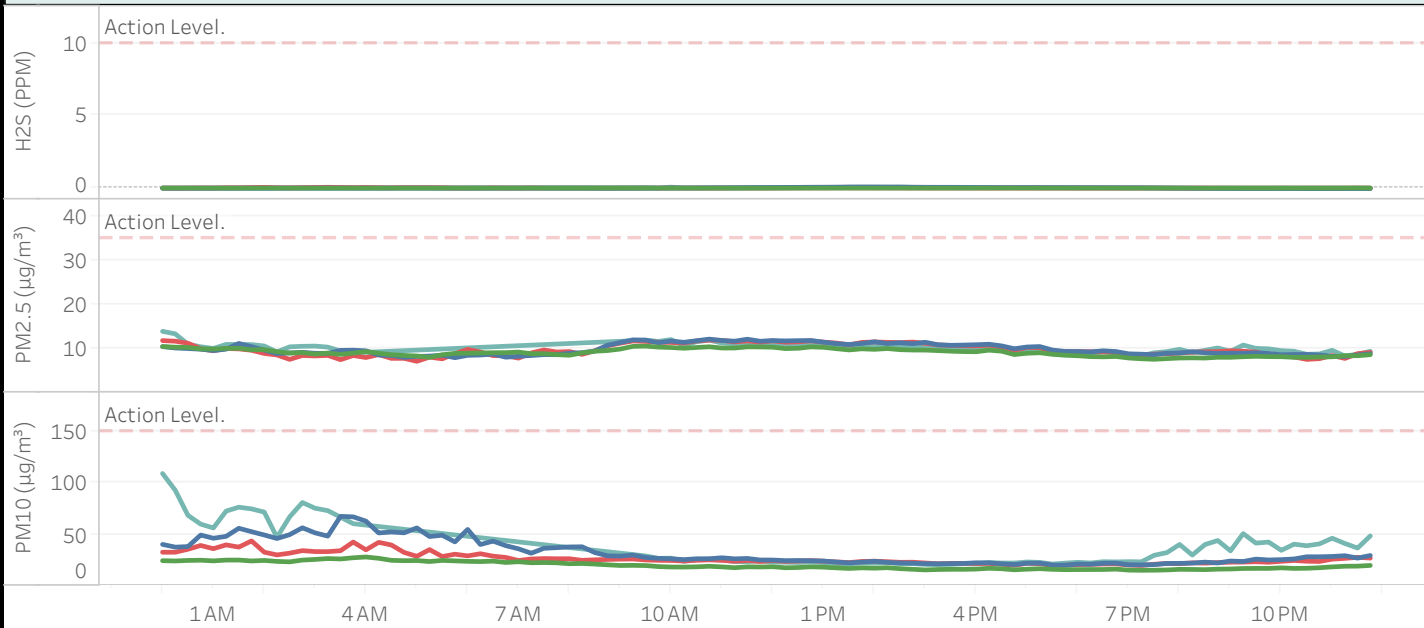


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

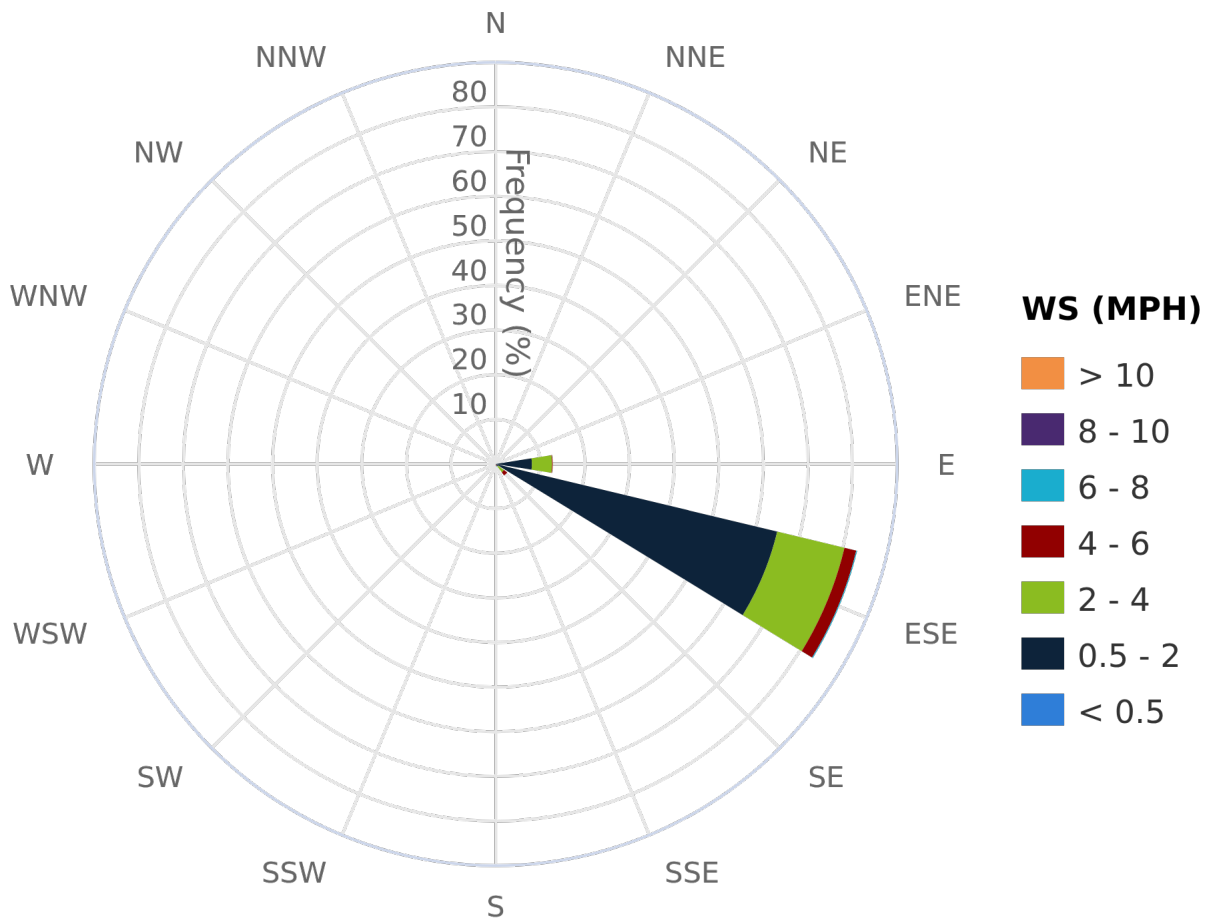


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

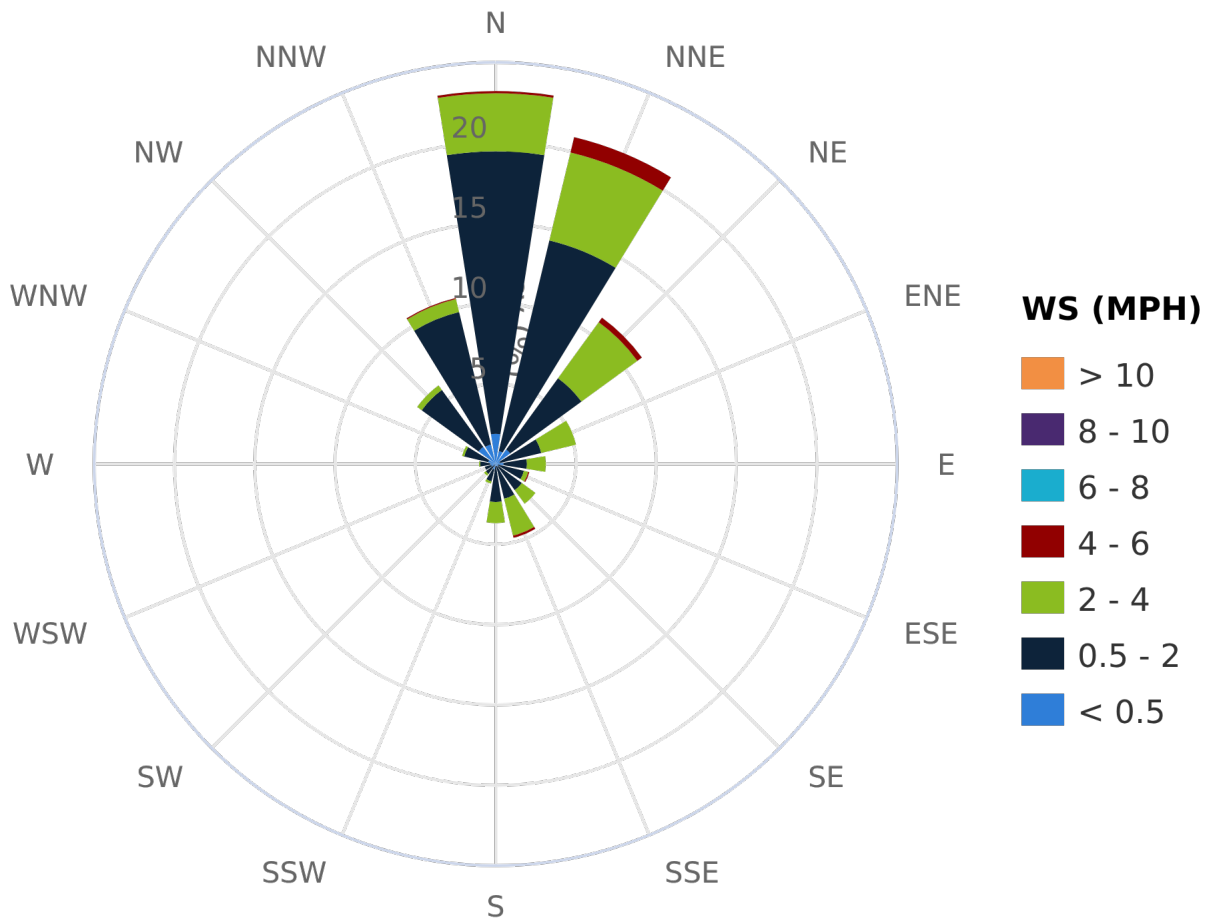


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

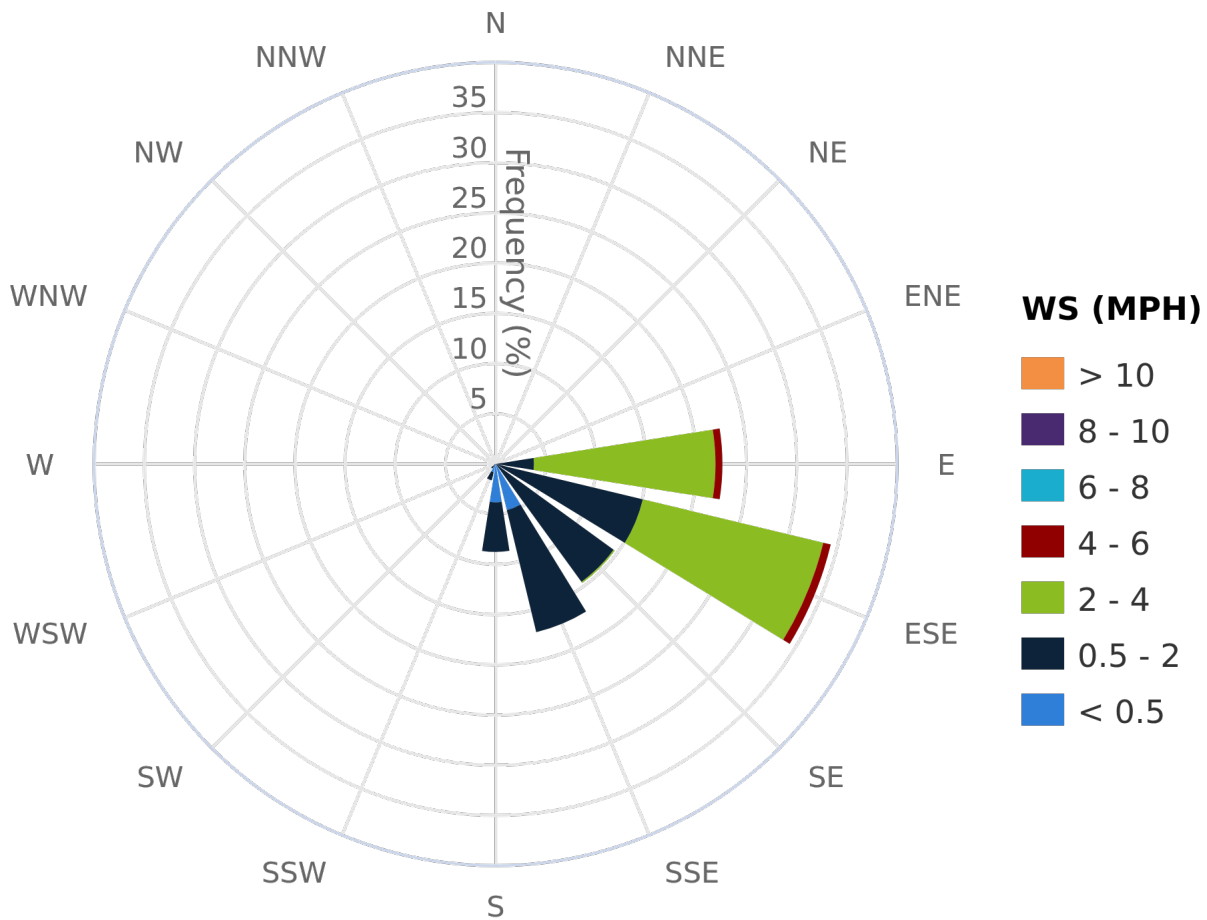


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

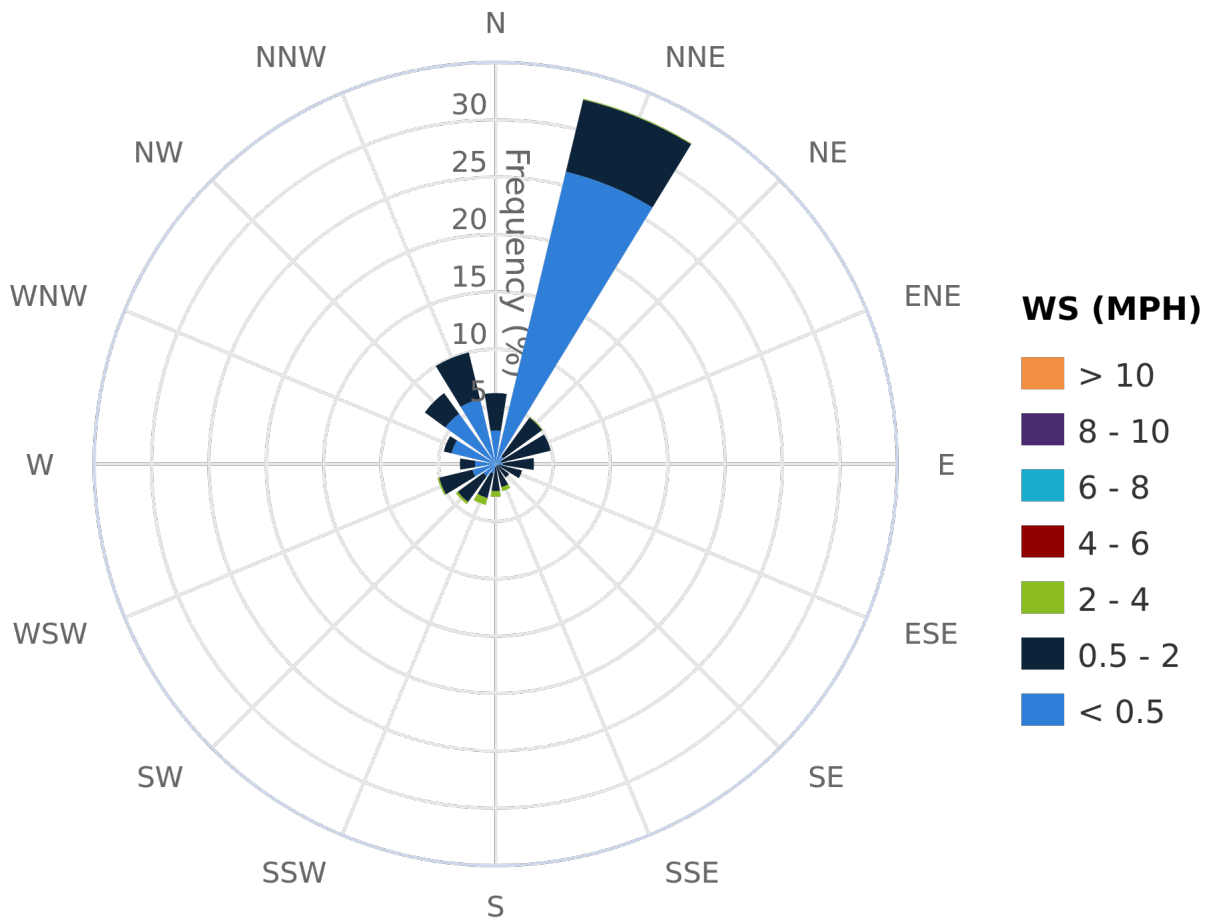


Figure 3 : Wind Rose Chart (WS in MPH)



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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	40.1	24.3	108.7	32.5	10.4	10.4	11.8	13.9	-0.008	0.000	0.000	0.000
00:15:00	37.4	24.0	92.5	32.5	10.1	10.3	11.6	13.3	-0.008	0.001	0.000	0.001
00:30:00	38.0	24.5	68.2	35.4	10.0	10.2	11.2	10.9	-0.008	0.000	0.003	0.000
00:45:00	49.1	24.7	59.7	39.0	9.8	9.9	9.9	10.4	-0.008	0.000	0.008	0.000
01:00:00	46.0	24.1	56.0	35.9	9.5	9.9	9.5	10.0	-0.007	0.000	0.004	0.001
01:15:00	47.9	24.9	72.3	39.6	9.8	10.0	10.0	10.9	-0.009	0.000	0.021	0.000
01:30:00	55.7	24.9	76.1	37.4	11.1	10.0	9.9	10.9	-0.008	-0.001	0.020	0.000
01:45:00	52.4	24.0	74.4	43.4	10.4	9.7	9.6	10.9	-0.009	0.000	0.039	0.001
02:00:00	49.2	24.5	71.4	32.5	9.6	9.7	8.9	10.5	-0.010	0.000	0.049	0.000
02:15:00	45.8	23.6	46.9	29.9	8.8	9.2	8.5	9.2	-0.004	0.000	0.024	0.000
02:30:00	49.5	23.2	66.7	31.6	9.0	8.9	7.5	10.4	-0.003	0.001	0.016	0.000
02:45:00	56.2	24.9	80.6	34.0	9.1	9.0	8.4	10.5	-0.004	0.000	0.033	0.000
03:00:00	51.2	25.5	75.1	33.1	8.9	8.7	8.3	10.5	-0.003	0.000	0.041	0.000
03:15:00	48.1	26.3	72.8	33.0	8.9	8.9	8.4	10.3	-0.004	0.000	0.056	0.001
03:30:00	67.2	26.0	66.4	33.9	9.5	8.7	7.5	9.4	-0.004	0.000	0.043	0.000
03:45:00	66.7	27.1	60.1	42.3	9.6	8.9	8.4	9.0	-0.005	0.000	0.032	0.000
04:00:00	62.6	27.8		34.8	9.4	9.3	7.9		-0.005	0.000	0.043	
04:15:00	51.2	26.6		42.1	8.5	8.9	8.6		-0.003	-0.001	0.027	
04:30:00	52.1	24.6		39.5	8.4	8.6	7.7		-0.001	0.000	0.016	
04:45:00	51.3	24.3		32.3	8.0	8.4	7.7		-0.001	0.000	0.034	
05:00:00	56.0	24.5		28.5	8.2	8.3	7.1		-0.001	0.000	0.030	
05:15:00	47.7	23.5		35.0	8.3	8.0	8.0		-0.004	0.000	0.031	
05:30:00	48.9	24.6		28.3	8.5	8.6	7.6		-0.005	0.000	0.022	
05:45:00	42.5	24.1		30.5	7.9	8.9	8.8		-0.005	0.000	0.003	
06:00:00	54.6	23.6		28.9	8.4	8.9	9.8		-0.003	-0.001	0.000	
06:15:00	40.0	23.4		31.0	8.5	9.0	9.2		-0.005	0.001	0.000	
06:30:00	43.2	23.9		28.7	8.7	9.0	8.4		-0.007	0.000	0.012	
06:45:00	38.8	22.6		27.4	8.0	9.0	8.3		-0.007	0.000	0.005	
07:00:00	35.8	23.3		24.5	8.2	9.2	7.8		-0.006	0.001	0.003	
07:15:00	31.5	22.3		25.9	8.4	8.8	9.0		-0.005	0.001	0.012	
07:30:00	36.3	22.5		26.4	8.6	8.8	9.6		-0.006	0.000	0.001	
07:45:00	36.9	22.2		26.2	8.6	8.6	9.2		-0.007	0.000	0.001	
08:00:00	37.6	21.3		26.2	8.9	8.5	9.3		-0.008	0.000	0.000	
08:15:00	37.8	21.6		24.6	9.0	9.0	8.7		-0.008	0.000	0.000	
08:30:00	32.2	21.0		25.2	9.4	9.4	9.5		-0.012	0.000	0.000	
08:45:00	29.0	20.3		25.5	10.7	9.5	10.6		-0.014	0.000	0.000	
09:00:00	28.7	19.6		25.8	11.3	9.9	11.2		-0.014	0.001	0.000	
09:15:00	29.7	19.8		25.9	11.9	10.5	11.7		-0.012	0.000	0.000	
09:30:00	27.4	19.6	28.9	25.0	11.9	10.5	11.6	11.9	-0.008	0.000	0.000	0.033
09:45:00	26.5	18.6	26.5	24.6	11.3	10.3	11.4	11.6	0.000	0.000	0.000	0.005
10:00:00	26.2	18.2	26.7	24.5	11.7	10.2	11.3	12.0	0.006	0.000	0.000	0.065
10:15:00	25.3	18.1	23.7	24.0	11.4	10.0	11.2	10.7	0.011	0.000	0.000	0.004
10:30:00	26.2	18.3	25.2	24.7	11.7	10.2	11.7	11.5	0.016	0.000	0.000	0.000
10:45:00	26.2	18.9	25.9	25.1	12.1	10.4	11.9	11.9	0.020	0.000	0.001	0.001
11:00:00	27.1	18.3	24.8	24.6	11.8	10.1	11.8	11.2	0.023	0.000	0.004	0.000
11:15:00	26.1	17.5	23.4	23.7	11.6	10.1	11.5	11.0	0.027	0.000	0.006	0.000
11:30:00	26.5	18.3	23.3	24.6	12.1	10.3	11.7	11.3	0.033	0.000	0.006	0.000
11:45:00	25.0	18.2	24.1	23.5	11.6	10.3	11.4	11.0	0.040	-0.001	0.005	0.001



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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	24.9	18.4	23.0	24.5	11.8	10.3	11.7	11.0	0.045	0.000	0.005	0.007
12:15:00	24.3	17.4	22.8	23.7	11.7	10.0	11.4	10.9	0.048	0.000	0.010	0.015
12:30:00	24.4	17.7	22.5	24.0	11.7	10.0	11.5	10.6	0.051	0.000	0.010	0.022
12:45:00	24.3	18.4	23.0	24.4	11.8	10.3	11.7	10.8	0.057	0.000	0.009	0.030
13:00:00	23.9	18.0	22.5	23.8	11.4	10.2	11.4	10.5	0.061	0.000	0.010	0.039
13:15:00	23.0	17.3	21.2	23.1	11.1	9.9	11.2	10.3	0.065	0.000	0.014	0.044
13:30:00	22.2	16.8	21.3	22.5	10.9	9.6	10.8	10.2	0.078	0.000	0.014	0.052
13:45:00	22.9	17.4	22.0	23.5	11.1	9.9	11.3	10.5	0.079	0.000	0.012	0.053
14:00:00	23.7	17.0	21.9	23.8	11.5	9.8	11.5	10.5	0.077	0.000	0.012	0.057
14:15:00	22.6	17.5	22.5	23.3	11.1	10.0	11.4	10.5	0.072	0.000	0.010	0.059
14:30:00	22.1	16.6	21.4	22.7	11.3	9.7	11.3	10.4	0.073	0.000	0.008	0.061
14:45:00	21.9	16.0	21.5	22.8	11.1	9.6	11.4	10.5	0.060	0.000	0.004	0.053
15:00:00	21.5	15.4	20.7	22.1	11.4	9.6	11.2	10.3	0.055	0.000	0.003	0.052
15:15:00	21.3	15.8	20.5	21.3	10.8	9.5	10.8	10.1	0.054	0.001	0.001	0.047
15:30:00	21.5	15.9	20.7	21.7	10.7	9.4	10.7	9.9	0.054	0.000	0.002	0.041
15:45:00	21.6	15.9	21.4	21.7	10.7	9.3	10.6	10.0	0.049	0.001	0.003	0.041
16:00:00	22.3	16.2	21.3	21.5	10.8	9.2	10.6	10.1	0.040	0.000	0.001	0.043
16:15:00	22.2	16.9	22.5	21.6	10.9	9.6	10.7	10.5	0.038	0.000	0.000	0.034
16:30:00	21.3	16.5	22.1	20.8	10.6	9.4	10.3	10.0	0.032	0.000	0.000	0.029
16:45:00	20.6	15.5	22.0	19.8	9.9	8.6	9.5	9.3	0.032	0.000	0.000	0.030
17:00:00	21.8	16.1	23.0	21.7	10.3	8.9	10.2	9.9	0.036	0.000	0.000	0.031
17:15:00	22.0	16.6	22.6	21.4	10.4	9.0	10.2	9.7	0.033	0.000	0.000	0.026
17:30:00	20.1	15.9	21.0	19.6	9.6	8.7	9.3	8.9	0.029	0.000	0.000	0.022
17:45:00	20.0	15.6	22.0	19.9	9.3	8.4	9.3	9.0	0.029	0.000	0.000	0.022
18:00:00	21.0	15.7	22.7	20.5	9.3	8.3	9.3	9.3	0.029	0.000	0.000	0.015
18:15:00	20.8	15.7	22.1	20.7	9.2	8.1	9.2	9.0	0.028	0.000	0.000	0.015
18:30:00	21.8	15.8	23.3	21.1	9.5	8.1	9.2	9.3	0.025	0.001	0.000	0.013
18:45:00	21.9	16.1	23.1	21.2	9.3	8.2	9.1	9.0	0.021	0.000	0.000	0.014
19:00:00	20.3	15.1	23.3	20.1	8.8	7.8	8.6	8.6	0.018	0.000	0.000	0.014
19:15:00	20.2	15.0	23.2	19.7	8.7	7.7	8.4	8.4	0.016	0.000	0.000	0.016
19:30:00	20.5	15.1	29.5	20.9	8.6	7.5	8.7	9.0	0.010	-0.001	0.000	0.012
19:45:00	21.6	15.3	32.1	21.6	8.9	7.7	8.8	9.3	0.002	-0.001	0.000	0.008
20:00:00	21.7	15.9	40.0	21.4	9.0	7.8	8.9	9.8	-0.005	0.000	0.000	0.002
20:15:00	21.9	15.8	29.8	22.2	9.3	7.9	9.1	9.0	-0.011	0.000	0.000	0.000
20:30:00	22.9	15.6	39.9	21.9	9.0	7.8	9.2	9.6	-0.015	0.000	0.000	0.000
20:45:00	22.1	16.1	43.8	22.4	8.9	8.0	9.3	10.1	-0.025	0.000	0.000	0.000
21:00:00	24.0	16.3	33.8	22.9	8.9	8.0	9.5	9.3	-0.027	0.000	0.000	0.000
21:15:00	23.5	16.7	50.5	22.9	8.9	8.1	9.4	10.8	-0.029	0.000	0.000	0.000
21:30:00	25.8	16.8	41.3	23.3	9.0	8.2	9.2	10.0	-0.031	0.000	0.000	0.000
21:45:00	25.0	16.8	42.3	22.8	8.9	8.1	8.5	9.9	-0.030	0.000	0.000	0.000
22:00:00	25.3	17.4	34.3	23.7	8.6	8.1	8.3	9.5	-0.030	0.000	0.002	0.000
22:15:00	26.0	16.8	40.3	24.5	8.6	8.0	8.1	9.4	-0.031	0.000	0.000	0.000
22:30:00	28.1	16.9	38.8	23.8	8.6	8.0	7.5	8.7	-0.034	0.000	0.000	0.000
22:45:00	28.1	17.5	40.6	23.5	8.5	8.1	7.7	8.7	-0.036	0.000	0.000	0.000
23:00:00	28.4	18.3	46.0	25.8	8.2	8.1	8.4	9.6	-0.033	0.000	0.001	0.000
23:15:00	29.1	18.9	40.9	26.5	8.2	8.3	7.7	8.3	-0.033	0.001	0.000	0.000
23:30:00	26.8	19.0	36.5	27.5	8.5	8.3	8.8	8.7	-0.035	0.000	0.006	0.000
23:45:00	29.3	19.7	48.3	26.8	8.8	8.6	9.1	9.3	-0.036	0.001	0.000	0.000



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