



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-02

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 13.44	2943 ESE	2693 N	2996 SE	2997 N	Min : 68.54 Max : 95.18	Min : 47.60 Max : 92.00	Min : 30.00 Max : 30.22

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	24.5	32.7	14.1	18.4	0.000	0.001
2943	31.2	41.7	15.0	19.6	-0.020	0.050
2996	31.8	75.0	15.4	32.1	0.000	0.001
2997	29.5	41.0	13.9	17.7	0.004	0.027



Figure 1 : Monitoring Locations

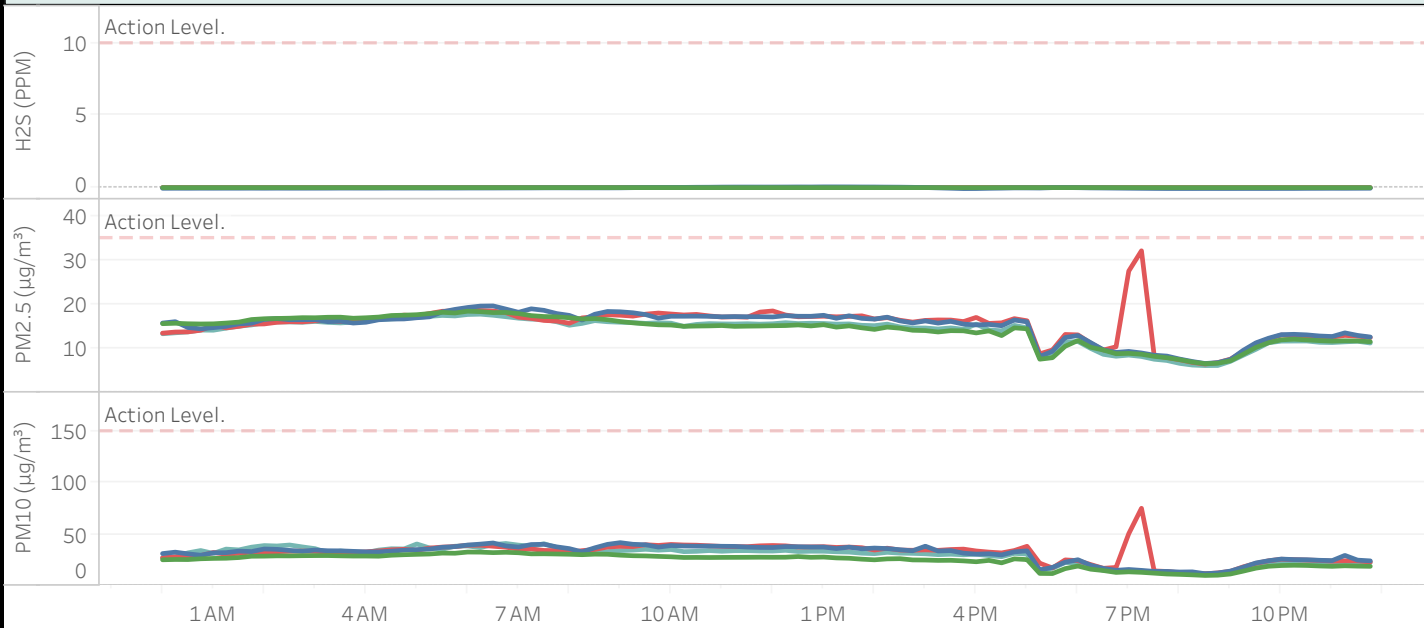


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

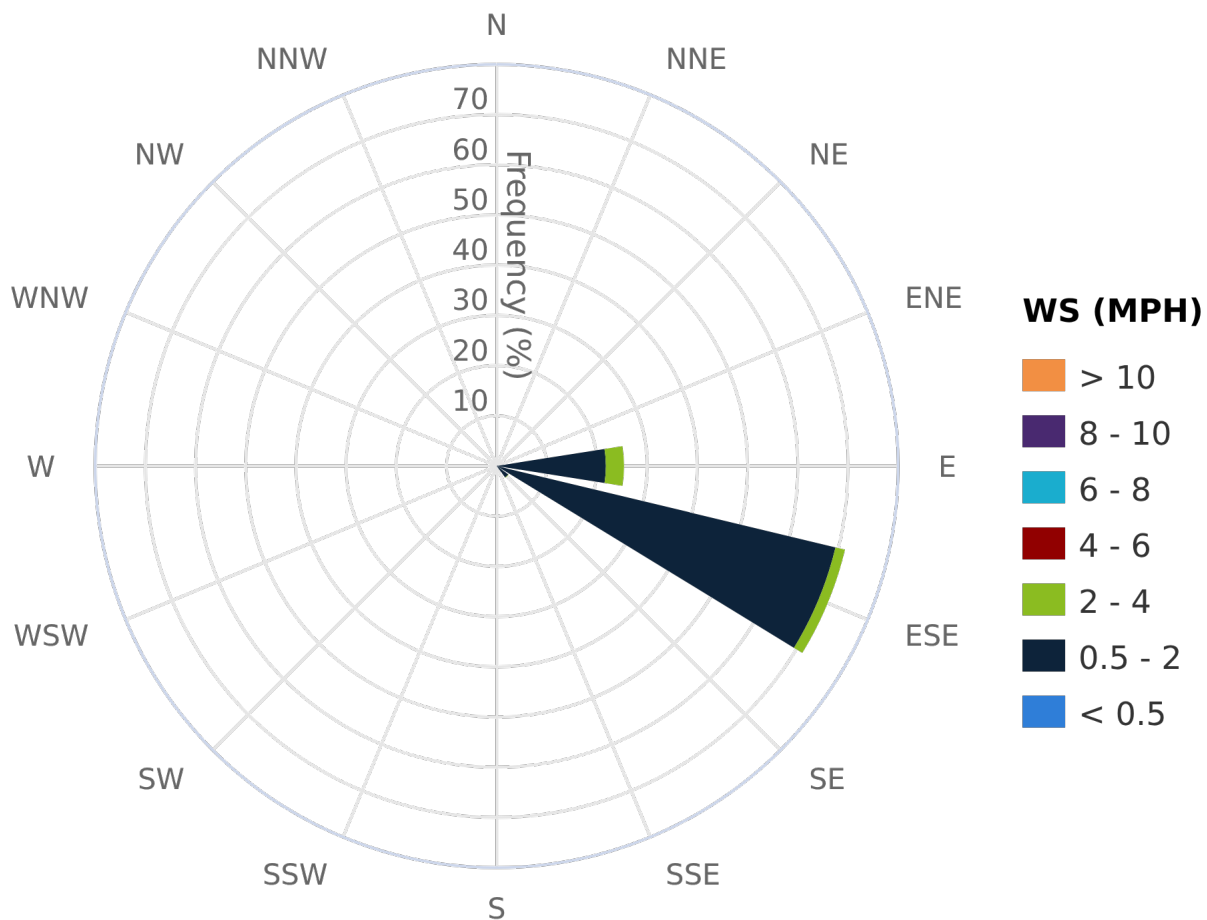


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

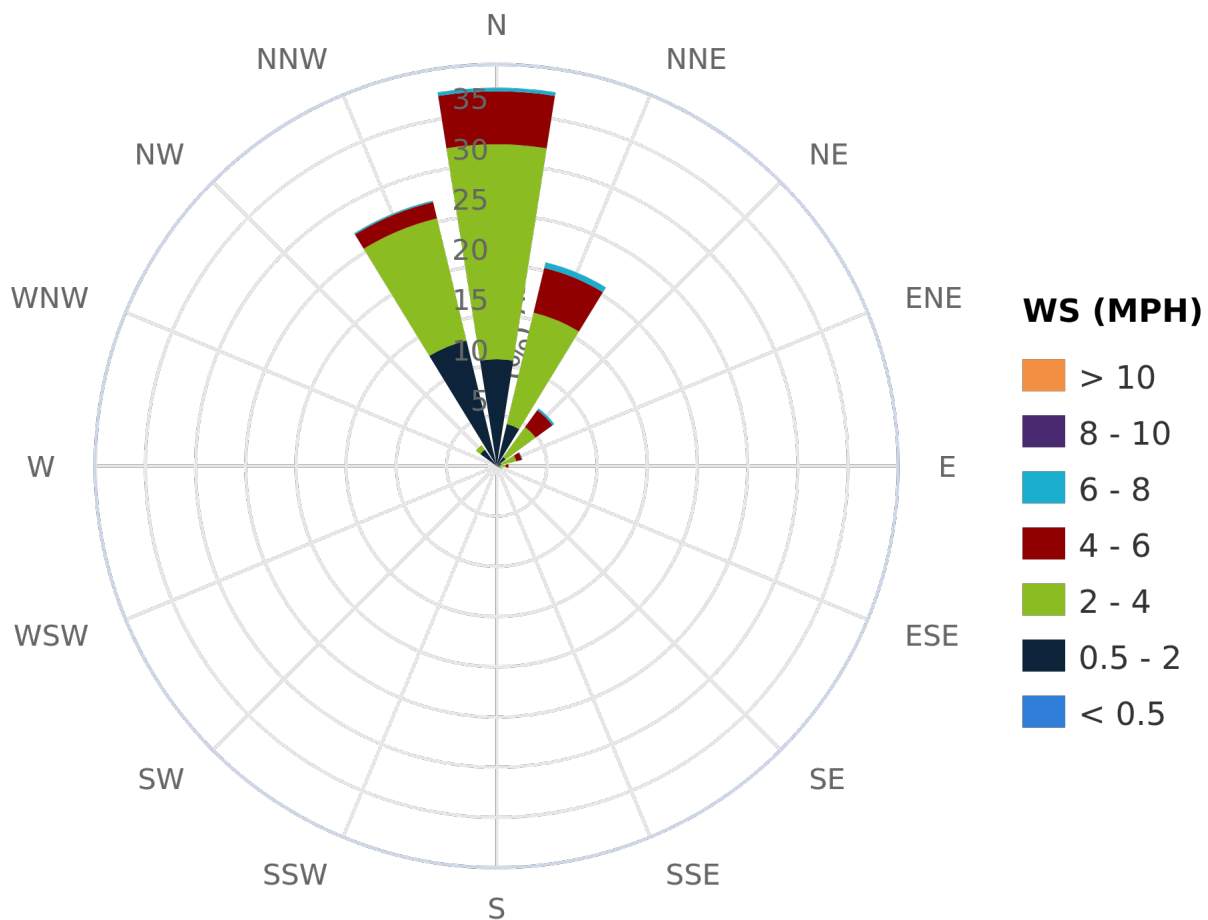


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

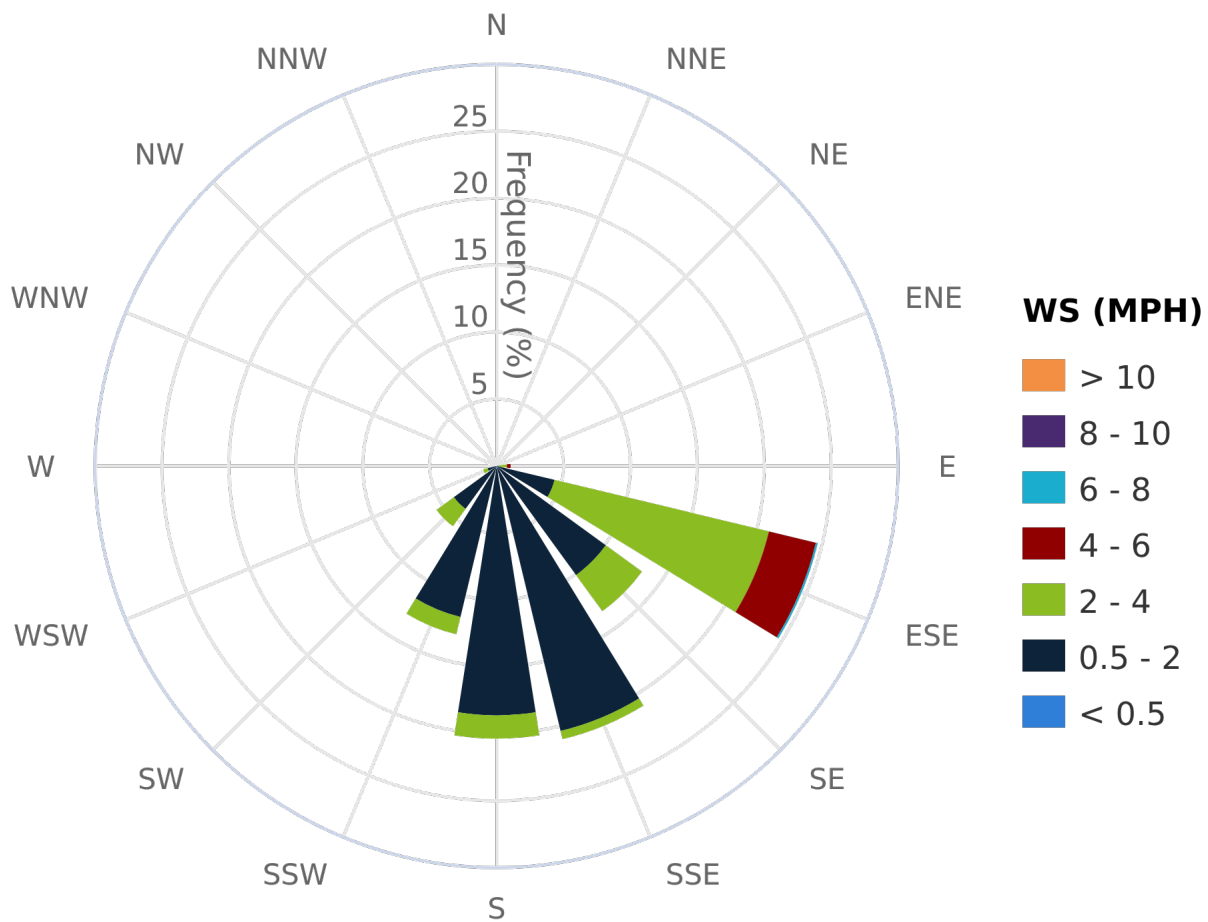


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

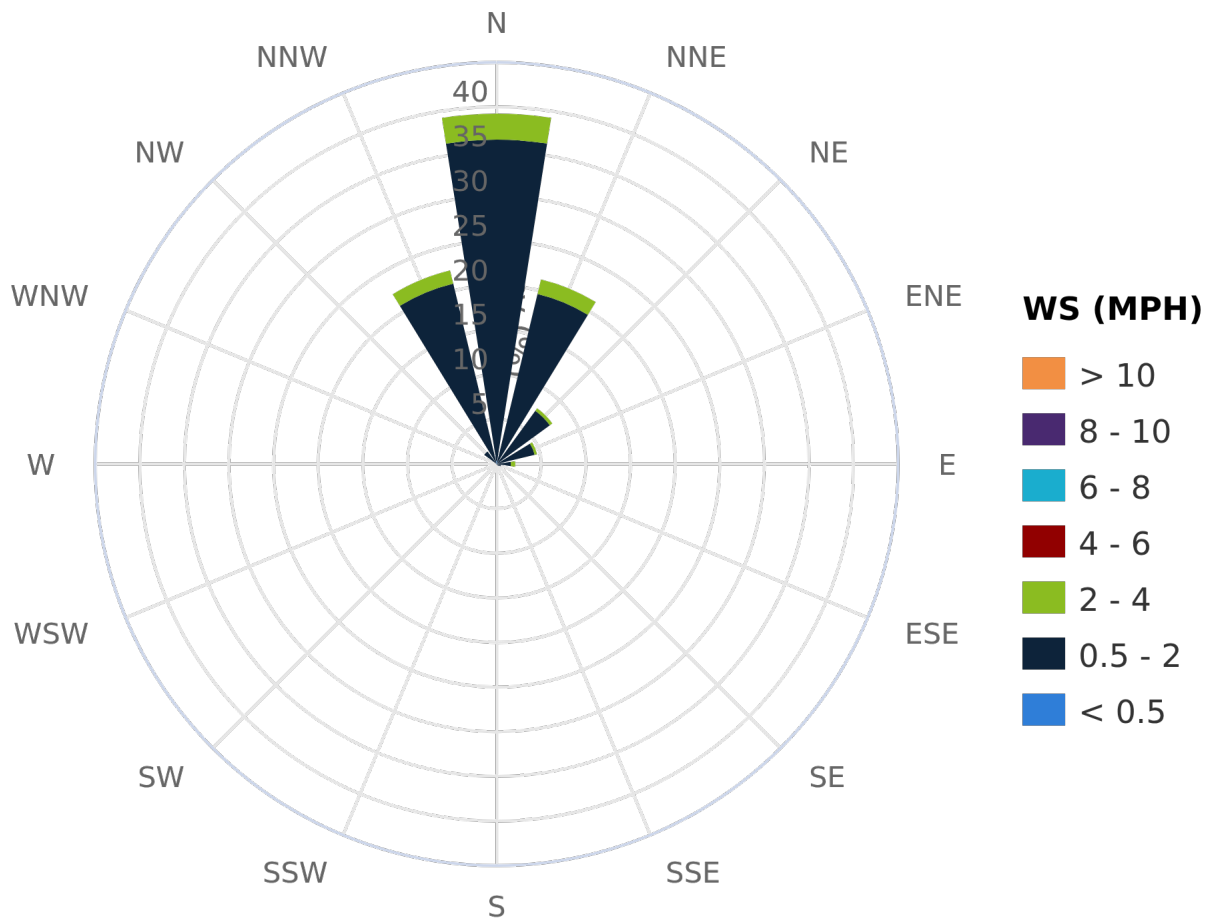


Figure 3 : Wind Rose Chart (WS in MPH)



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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	31.2	25.2	27.1	27.1	15.7	15.6	13.4	13.3	-0.046	0.000	0.000	0.000
00:15:00	32.6	25.5	28.1	28.0	16.0	15.7	13.7	13.5	-0.043	0.001	0.000	0.000
00:30:00	30.9	25.4	31.9	28.8	14.7	15.6	13.7	13.7	-0.044	0.000	0.000	0.000
00:45:00	29.6	26.1	34.1	29.2	14.4	15.5	14.1	14.1	-0.041	0.001	0.000	0.000
01:00:00	31.9	26.5	31.4	32.2	14.7	15.5	15.2	14.1	-0.042	0.001	0.000	0.000
01:15:00	32.1	26.7	35.5	30.6	15.0	15.7	14.6	14.6	-0.040	0.000	0.000	0.000
01:30:00	33.6	27.3	34.7	31.4	15.5	15.9	15.0	15.0	-0.041	0.000	0.000	0.000
01:45:00	33.2	28.6	37.4	32.6	15.7	16.5	15.5	15.3	-0.038	0.001	0.000	0.000
02:00:00	35.6	28.7	38.9	32.1	16.6	16.7	15.5	15.8	-0.041	0.000	0.000	0.000
02:15:00	35.3	29.0	38.5	33.0	16.7	16.8	15.9	16.0	-0.038	0.000	0.000	0.000
02:30:00	34.2	28.9	39.5	33.4	16.5	16.8	16.0	16.0	-0.039	0.000	0.000	0.000
02:45:00	33.4	29.1	37.6	33.6	16.5	16.9	16.0	15.9	-0.040	0.000	0.000	0.000
03:00:00	34.6	29.2	35.9	33.3	16.5	16.9	16.2	16.1	-0.039	0.000	0.000	0.000
03:15:00	33.9	29.3	32.0	32.8	16.0	17.0	16.3	15.9	-0.037	0.000	0.000	0.000
03:30:00	33.8	29.0	33.6	32.0	16.1	17.1	16.1	15.8	-0.033	0.000	0.000	0.000
03:45:00	33.3	28.8	32.7	32.3	15.7	16.8	16.3	15.9	-0.033	0.000	0.000	0.000
04:00:00	32.9	28.8	32.1	32.8	15.9	16.9	16.4	16.2	-0.034	0.000	0.000	0.000
04:15:00	32.9	28.6	34.6	33.7	16.5	17.1	16.9	16.6	-0.033	0.001	0.000	0.000
04:30:00	33.5	29.6	35.9	34.8	16.6	17.4	17.2	16.6	-0.030	0.000	0.000	0.000
04:45:00	34.4	30.1	35.7	35.3	16.7	17.5	17.5	16.8	-0.032	0.000	0.000	0.000
05:00:00	35.0	30.4	40.5	34.3	16.9	17.6	17.3	17.0	-0.030	0.000	0.000	0.000
05:15:00	35.5	30.8	36.6	36.5	17.1	17.9	17.9	17.2	-0.032	0.001	0.000	0.000
05:30:00	37.3	31.6	35.4	37.5	18.3	18.2	18.4	17.4	-0.029	0.001	0.000	0.000
05:45:00	37.9	31.5	38.3	37.9	18.8	18.0	18.5	17.3	-0.031	0.000	0.000	0.000
06:00:00	39.4	32.7	38.5	39.2	19.2	18.4	18.8	17.7	-0.027	0.000	0.000	0.000
06:15:00	40.3	32.6	37.0	39.3	19.6	18.3	18.6	17.7	-0.027	0.001	0.000	0.000
06:30:00	41.4	32.1	39.9	38.3	19.6	18.1	18.4	17.5	-0.026	0.001	0.000	0.000
06:45:00	38.6	32.4	41.0	37.3	18.9	18.1	18.1	17.2	-0.023	0.001	0.000	0.000
07:00:00	37.5	32.0	39.4	35.5	18.2	17.9	17.1	16.8	-0.021	-0.001	0.000	0.000
07:15:00	39.9	30.9	38.3	35.6	18.9	17.4	16.8	16.6	-0.020	0.000	0.000	0.000
07:30:00	40.2	31.0	40.7	34.2	18.6	17.2	16.3	16.5	-0.015	0.000	0.000	0.000
07:45:00	37.7	30.8	37.0	34.1	17.9	17.1	16.2	16.0	-0.014	0.000	0.000	0.000
08:00:00	36.0	30.5	32.2	32.4	17.5	16.9	15.7	15.2	-0.015	0.000	0.000	0.000
08:15:00	32.8	30.1	31.6	34.0	16.4	16.7	16.9	15.6	-0.017	0.000	0.000	0.000
08:30:00	36.8	30.6	32.9	35.2	17.7	16.7	17.2	16.3	-0.016	0.001	0.000	0.000
08:45:00	40.1	30.5	33.1	37.5	18.3	16.5	17.6	16.0	-0.017	0.001	0.000	0.000
09:00:00	41.7	29.6	34.1	38.2	18.3	16.1	17.5	15.9	-0.014	0.000	0.000	0.000
09:15:00	40.2	29.1	34.6	38.0	18.0	15.8	17.3	15.8	-0.002	0.000	0.000	0.000
09:30:00	39.7	28.9	35.3	39.8	17.6	15.5	17.7	15.7	0.005	0.000	0.000	0.000
09:45:00	37.5	28.4	34.5	39.1	16.8	15.3	18.0	15.8	0.009	0.001	0.000	0.000
10:00:00	39.0	28.1	35.1	40.0	17.3	15.3	17.8	15.7	0.012	0.000	0.000	0.000
10:15:00	38.5	27.4	33.0	39.5	17.3	15.0	17.6	15.0	0.018	0.000	0.000	0.003
10:30:00	38.4	27.5	33.3	39.3	17.3	15.0	17.7	15.4	0.026	0.000	0.000	0.005
10:45:00	38.4	27.4	34.1	38.7	17.2	15.1	17.3	15.6	0.029	0.000	0.000	0.009
11:00:00	38.3	27.5	33.4	38.1	17.1	15.2	17.1	15.5	0.037	0.000	0.000	0.015
11:15:00	38.1	27.5	34.0	37.9	17.2	15.0	17.1	15.5	0.040	0.000	0.000	0.016
11:30:00	37.5	27.6	34.0	37.9	17.2	15.0	17.1	15.6	0.041	0.000	0.000	0.017
11:45:00	37.1	27.6	33.7	38.7	17.2	15.1	18.2	15.5	0.040	0.000	0.001	0.020



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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	37.1	27.6	33.6	39.0	17.1	15.1	18.5	15.6	0.041	0.001	0.001	0.016
12:15:00	38.0	27.6	34.3	38.7	17.4	15.2	17.5	15.8	0.043	0.000	0.001	0.018
12:30:00	37.8	28.3	33.2	37.5	17.3	15.3	17.1	15.6	0.046	0.000	0.000	0.023
12:45:00	37.5	27.6	33.5	37.7	17.3	15.1	17.2	15.7	0.043	-0.001	0.000	0.022
13:00:00	37.5	27.8	33.5	37.9	17.5	15.3	17.3	15.6	0.050	0.000	0.000	0.025
13:15:00	36.0	27.0	32.9	37.1	16.8	14.8	17.1	15.5	0.048	0.000	0.000	0.027
13:30:00	37.4	26.7	32.6	37.5	17.4	15.1	17.2	15.5	0.047	0.000	0.000	0.027
13:45:00	35.8	25.8	31.6	36.9	16.8	14.6	17.4	15.2	0.042	0.000	0.000	0.026
14:00:00	36.5	25.1	31.1	34.6	16.6	14.3	16.6	15.1	0.041	-0.001	0.000	0.024
14:15:00	36.0	26.0	32.4	36.4	17.1	14.8	16.9	15.5	0.037	0.000	0.000	0.017
14:30:00	34.9	26.2	31.6	34.6	16.2	14.6	16.4	14.9	0.032	0.000	0.000	0.014
14:45:00	33.9	25.0	31.4	34.4	15.8	14.1	15.9	14.6	0.022	-0.001	0.000	0.012
15:00:00	38.3	24.9	31.0	34.8	16.2	14.0	16.3	14.6	0.006	0.000	0.000	0.004
15:15:00	33.7	24.6	30.2	34.3	15.7	13.7	16.4	14.4	-0.018	0.000	0.000	0.004
15:30:00	34.1	24.7	30.5	35.1	16.1	14.0	16.4	14.6	-0.041	0.000	0.000	0.007
15:45:00	31.6	24.1	30.0	35.5	15.5	14.0	16.1	14.3	-0.066	0.000	0.000	0.007
16:00:00	30.6	23.3	30.6	33.7	15.3	13.5	17.0	15.5	-0.063	0.000	0.000	0.006
16:15:00	31.0	24.6	29.2	32.6	15.4	14.0	15.6	14.2	-0.046	0.000	0.000	0.006
16:30:00	29.9	22.2	28.2	31.8	15.1	12.9	15.8	14.0	-0.035	0.000	0.000	0.009
16:45:00	32.8	26.1	31.4	34.1	16.4	14.6	16.7	15.2	-0.019	0.000	0.000	0.007
17:00:00	33.8	25.3	30.7	38.2	16.0	14.4	16.2	14.6	-0.021	0.000	0.000	0.005
17:15:00	15.3	11.9	15.3	21.8	8.2	7.6	8.8	7.9	-0.027	0.000	0.000	0.007
17:30:00	17.8	11.8	16.9	17.3	9.3	7.9	9.6	8.8	0.000	0.000	0.000	0.006
17:45:00	22.9	16.6	22.5	25.1	12.5	10.5	13.1	11.4	0.005	0.000	0.000	0.000
18:00:00	25.2	19.1	21.9	24.4	12.9	11.8	13.1	11.6	-0.004	0.001	0.000	0.000
18:15:00	19.9	16.1	18.2	20.6	11.3	10.3	11.2	10.0	-0.019	0.000	0.000	0.000
18:30:00	16.8	14.8	15.0	16.9	9.7	9.6	9.6	8.7	-0.026	0.001	0.000	0.000
18:45:00	15.0	12.9	14.2	17.8	9.1	8.8	10.4	8.2	-0.034	0.000	0.000	0.000
19:00:00	15.8	13.5	14.8	50.4	9.3	8.9	27.5	8.5	-0.042	0.000	0.000	0.000
19:15:00	14.9	13.0	14.2	75.0	9.0	8.7	32.1	8.2	-0.049	0.000	0.000	0.000
19:30:00	13.9	12.2	13.3	14.4	8.5	8.2	8.4	7.6	-0.056	0.000	0.000	0.000
19:45:00	13.9	11.4	12.6	13.9	8.3	7.9	7.9	7.3	-0.061	0.001	0.000	0.000
20:00:00	13.3	11.0	11.9	12.6	7.6	7.5	7.4	6.6	-0.061	0.000	0.000	0.000
20:15:00	13.5	10.6	11.7	12.2	7.0	6.9	6.8	6.2	-0.062	0.000	0.000	0.000
20:30:00	11.7	10.0	11.9	11.6	6.6	6.5	6.5	6.1	-0.060	0.000	0.000	0.000
20:45:00	12.4	10.3	11.6	12.4	6.8	6.6	6.8	6.1	-0.061	0.000	0.000	0.000
21:00:00	14.2	11.4	13.2	14.0	7.5	7.2	7.6	7.1	-0.061	0.000	0.000	0.000
21:15:00	17.9	14.2	16.9	18.3	9.6	8.7	9.3	8.4	-0.060	0.000	0.000	0.000
21:30:00	22.1	17.1	19.7	21.7	11.2	10.2	11.1	9.8	-0.059	0.000	0.000	0.000
21:45:00	24.3	18.9	22.1	24.2	12.3	11.3	12.1	11.3	-0.059	0.001	0.000	0.000
22:00:00	25.9	19.6	23.3	25.7	13.1	11.9	13.0	11.6	-0.057	0.000	0.000	0.000
22:15:00	25.4	19.9	23.8	25.3	13.2	12.1	12.8	11.7	-0.057	0.000	0.000	0.000
22:30:00	25.3	19.7	23.2	24.9	13.1	11.9	12.7	11.7	-0.051	0.000	0.000	0.000
22:45:00	24.7	19.2	22.0	24.6	12.8	11.8	12.6	11.4	-0.050	0.000	0.000	0.000
23:00:00	24.4	18.8	22.0	23.8	12.7	11.6	12.5	11.3	-0.047	0.000	0.000	0.000
23:15:00	29.4	19.3	22.3	24.2	13.5	11.7	12.9	11.5	-0.048	0.000	0.000	0.000
23:30:00	24.8	19.0	22.8	24.1	12.9	11.7	12.8	11.6	-0.045	0.001	0.000	0.000
23:45:00	24.1	18.8	22.6	23.0	12.6	11.5	12.5	11.2	-0.042	0.001	0.000	0.000



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