



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-30

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1400 Max : 12.84	2943 ESE	2693 N	2996 SW	2997 NNW	Min : 69.98 Max : 91.04	Min : 59.70 Max : 93.10	Min : 29.75 Max : 29.97

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	9.7	15.7	4.8	8.0	0.000	0.001
2943	15.4	34.5	5.4	9.8	0.005	0.061
2996	12.6	21.0	5.4	9.0	0.001	0.006
2997	15.8	40.7	5.5	9.7	0.006	0.029



Figure 1 : Monitoring Locations

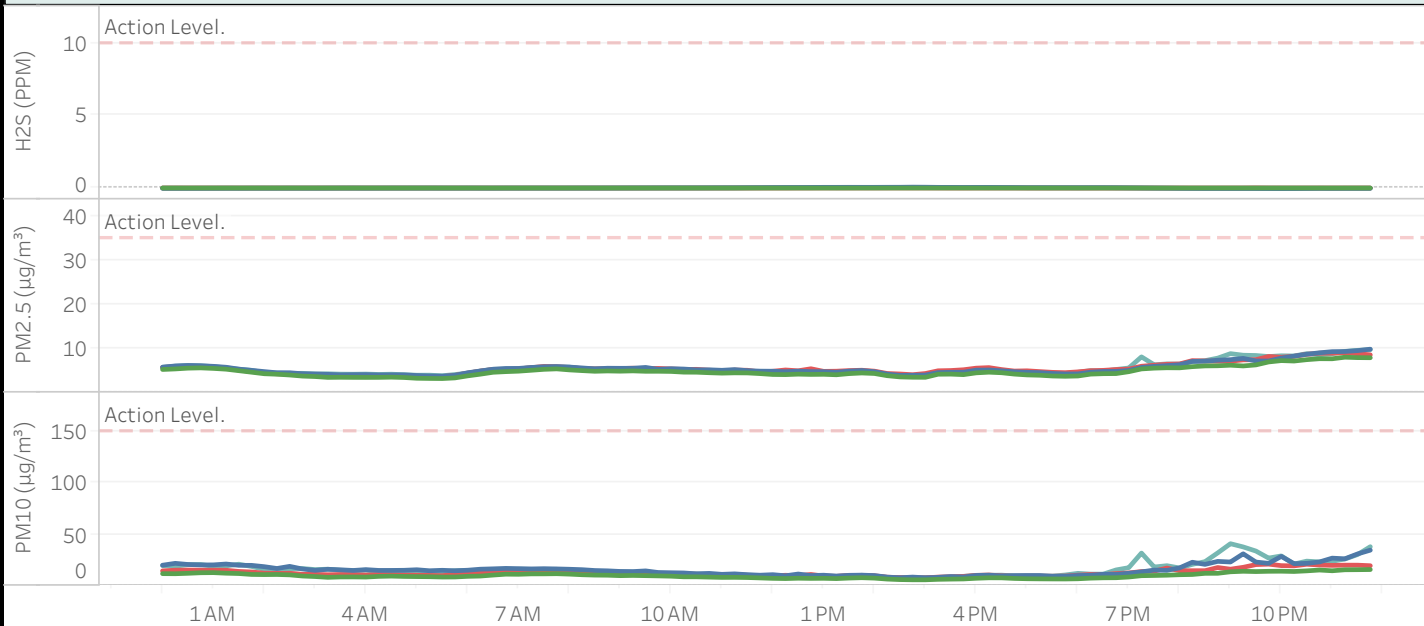


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

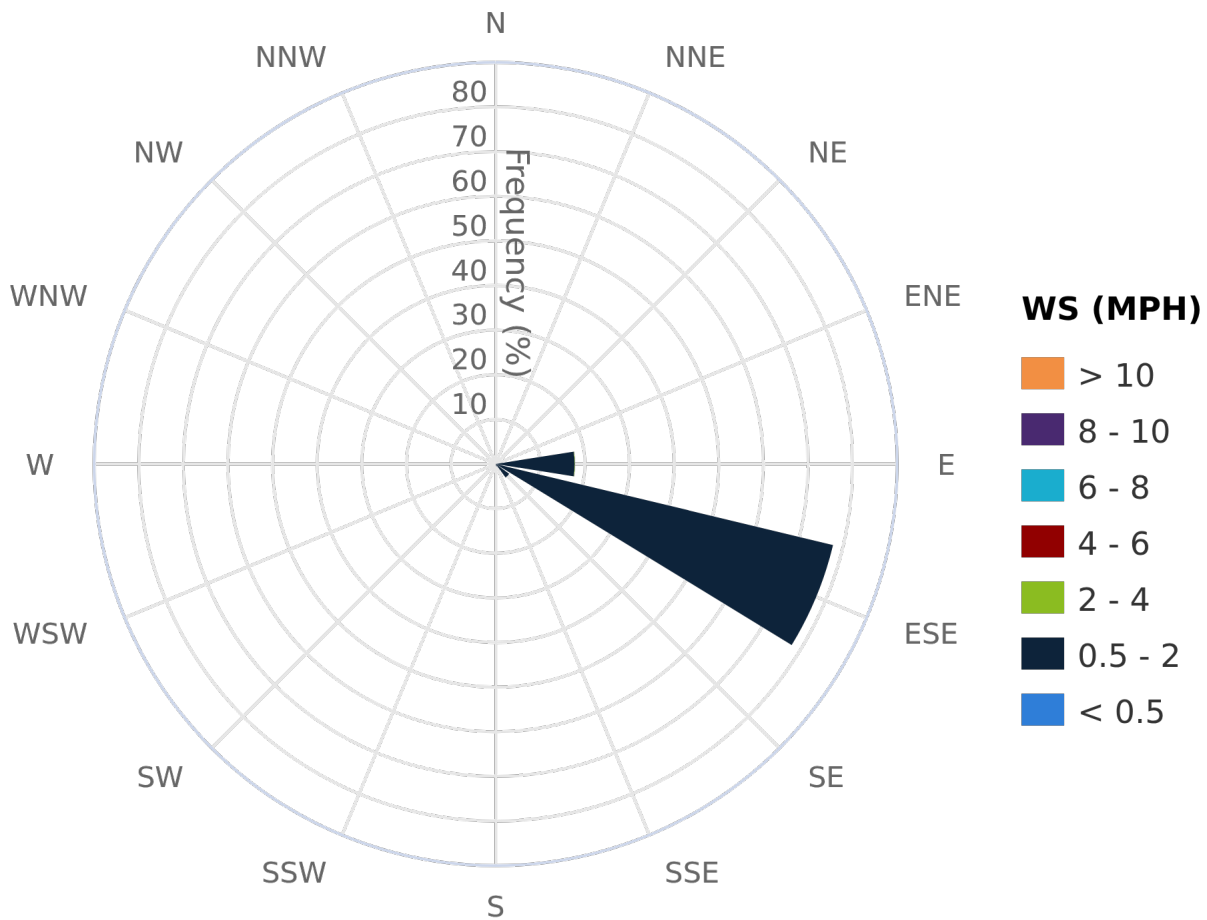


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

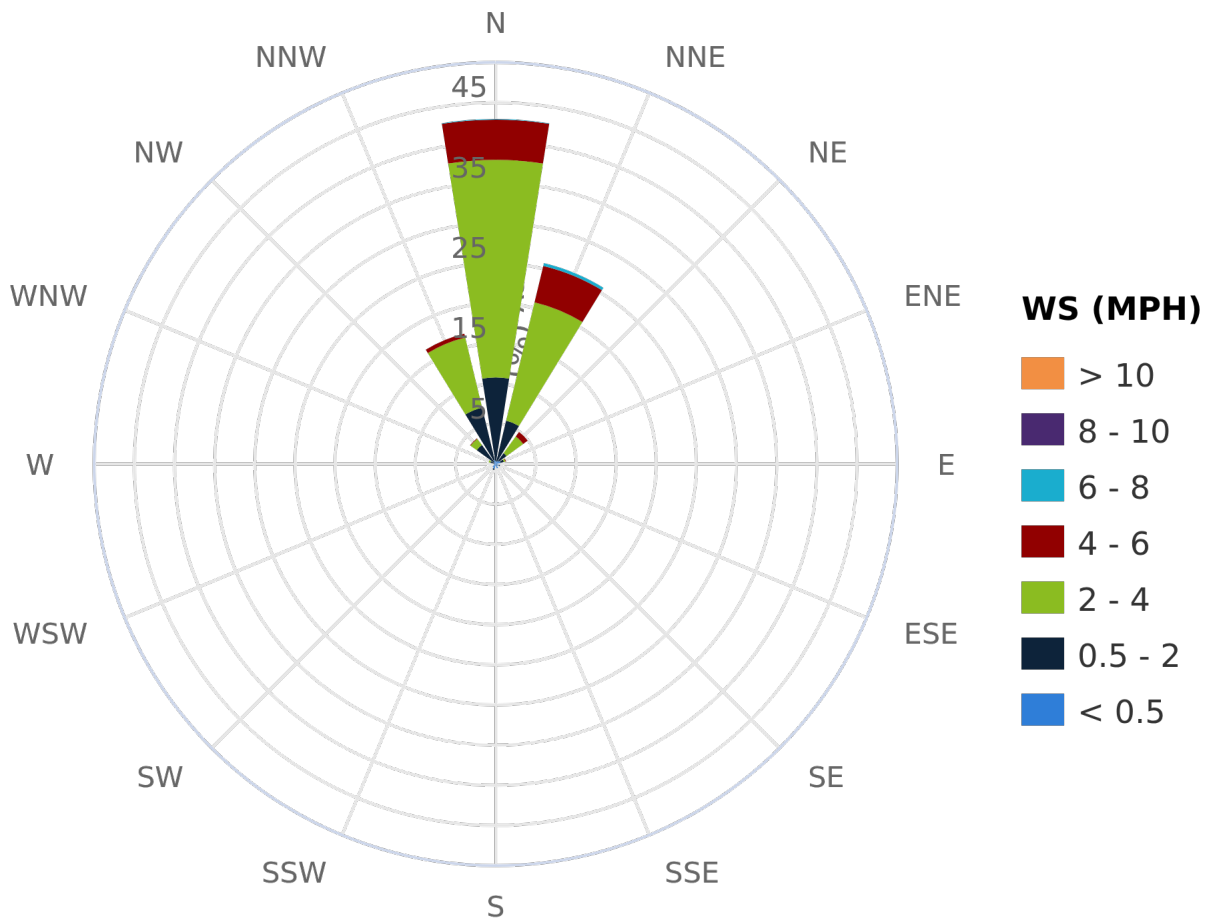


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

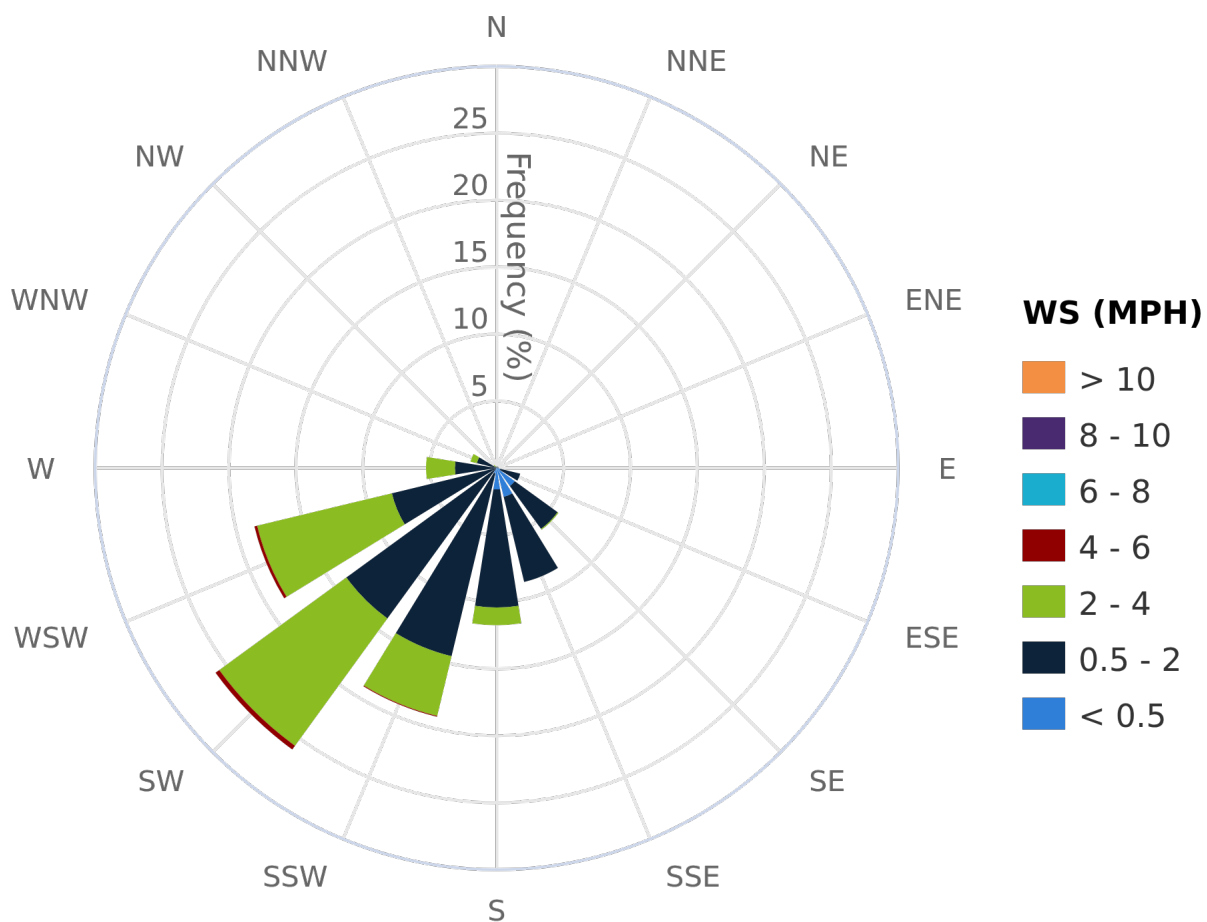


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

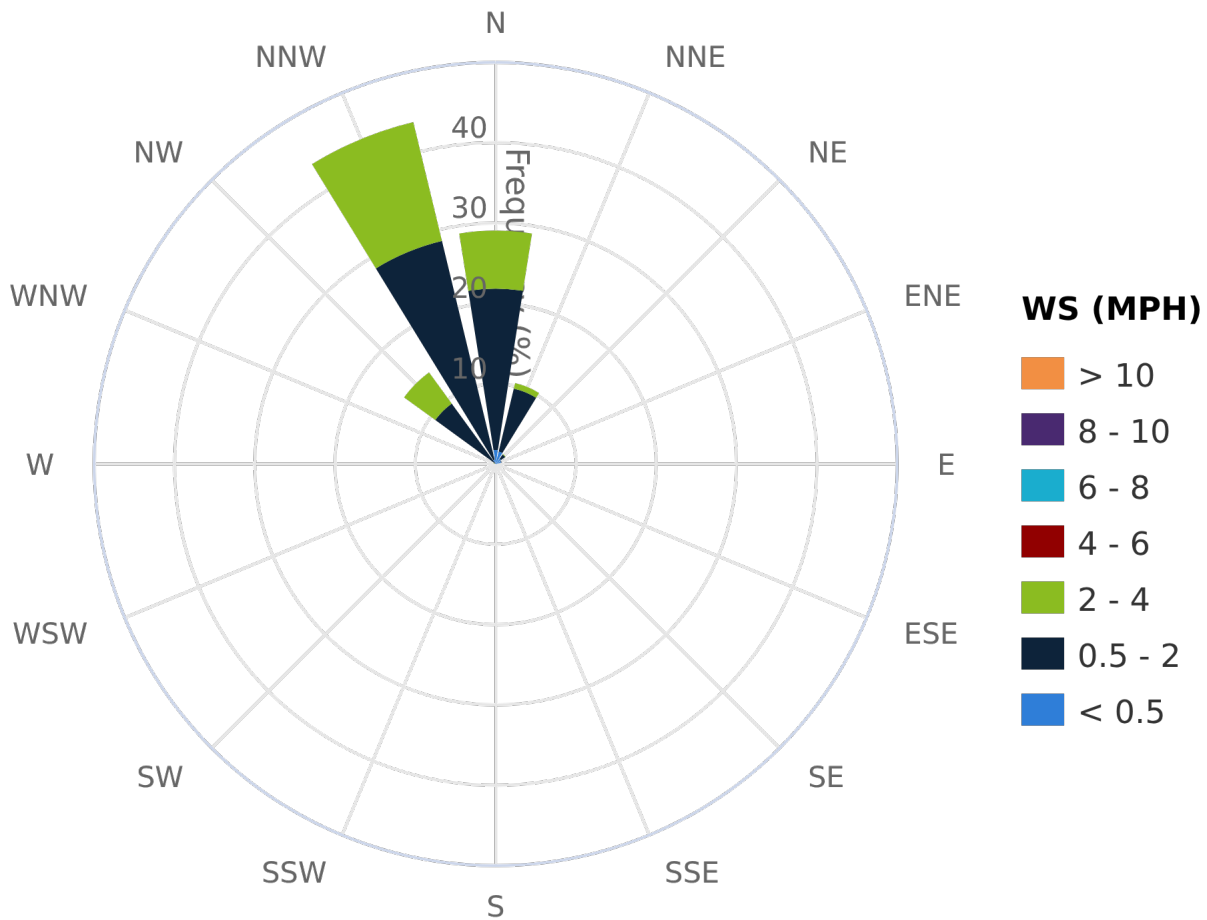


Figure 3 : Wind Rose Chart (WS in MPH)



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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	19.9	11.7	19.6	14.4	5.8	5.2	5.7	5.7	-0.022	0.001	0.000	0.000
00:15:00	21.7	11.7	18.9	15.1	6.0	5.4	5.9	6.0	-0.020	0.001	0.000	0.000
00:30:00	20.6	12.1	20.4	15.2	6.1	5.5	5.9	6.1	-0.020	0.000	0.000	0.000
00:45:00	20.2	12.6	20.6	15.1	6.1	5.6	5.9	6.1	-0.019	0.001	0.000	0.000
01:00:00	20.2	12.7	18.8	15.1	5.9	5.5	5.8	5.9	-0.017	0.000	0.000	0.000
01:15:00	21.1	12.2	19.3	15.0	5.7	5.3	5.6	5.6	-0.015	0.001	0.000	0.000
01:30:00	19.8	11.8	20.9	13.9	5.3	5.0	5.1	5.3	-0.015	0.000	0.000	0.000
01:45:00	19.8	11.0	18.7	13.4	5.0	4.6	4.8	5.0	-0.011	0.000	0.000	0.000
02:00:00	18.5	10.8	15.9	12.2	4.8	4.3	4.5	4.5	-0.012	0.001	0.000	0.000
02:15:00	16.7	10.9	15.9	12.0	4.5	4.2	4.3	4.5	-0.012	0.000	0.000	0.001
02:30:00	18.8	10.6	16.0	12.1	4.5	4.0	4.2	4.3	-0.010	0.001	0.000	0.000
02:45:00	16.3	9.5	16.7	11.1	4.3	3.7	4.1	4.4	-0.010	0.000	0.000	0.000
03:00:00	14.9	8.9	15.7	11.1	4.2	3.6	4.0	4.2	-0.011	0.000	0.000	0.000
03:15:00	16.0	8.2	16.1	10.7	4.1	3.4	3.9	4.3	-0.008	0.001	0.000	0.000
03:30:00	15.5	8.5	15.0	10.9	4.0	3.5	3.9	4.2	-0.005	0.001	0.000	0.000
03:45:00	14.8	8.6	14.7	10.9	4.1	3.4	3.8	4.2	-0.005	0.000	0.000	0.002
04:00:00	15.6	8.4	15.1	10.4	4.1	3.4	3.9	4.2	-0.008	0.000	0.000	0.003
04:15:00	14.9	9.1	13.6	10.9	4.0	3.4	3.9	4.1	-0.006	0.000	0.000	0.003
04:30:00	14.9	9.4	14.2	10.6	4.0	3.5	3.9	4.2	-0.004	0.000	0.000	0.004
04:45:00	15.0	9.0	13.7	10.3	4.0	3.4	3.8	4.1	-0.004	0.000	0.000	0.002
05:00:00	15.5	8.9	13.3	10.3	3.9	3.2	3.7	3.9	-0.003	0.000	0.000	0.002
05:15:00	14.5	8.8	13.4	10.0	3.8	3.2	3.6	3.9	-0.003	0.001	0.000	0.002
05:30:00	15.0	8.5	13.4	9.8	3.7	3.2	3.6	3.8	-0.004	0.000	0.000	0.001
05:45:00	14.5	8.5	14.5	11.0	3.9	3.3	3.9	4.1	-0.005	0.000	0.000	0.002
06:00:00	15.1	9.1	14.8	11.4	4.5	3.8	4.4	4.4	-0.003	0.000	0.000	0.001
06:15:00	16.1	9.4	14.9	12.5	4.9	4.2	4.9	4.9	-0.005	0.000	0.000	0.001
06:30:00	16.4	10.4	14.8	13.2	5.3	4.6	5.2	5.3	-0.006	0.000	0.000	0.000
06:45:00	16.8	11.2	15.3	13.5	5.5	4.7	5.2	5.3	-0.004	0.000	0.000	0.000
07:00:00	16.6	11.1	16.0	13.6	5.5	4.9	5.4	5.4	-0.004	0.000	0.000	0.000
07:15:00	16.3	11.5	15.9	13.9	5.7	5.1	5.6	5.7	-0.003	0.000	0.000	0.000
07:30:00	16.6	11.5	15.7	14.2	5.8	5.3	5.9	5.8	-0.004	0.000	0.000	0.003
07:45:00	16.3	11.7	16.0	14.4	5.9	5.4	5.9	5.8	-0.004	0.000	0.000	0.000
08:00:00	16.0	11.3	15.1	13.7	5.8	5.1	5.7	5.8	-0.002	0.000	0.000	0.000
08:15:00	15.6	10.7	14.1	13.0	5.6	5.0	5.4	5.4	-0.001	0.001	0.000	0.000
08:30:00	14.8	10.3	13.7	12.8	5.4	4.8	5.4	5.4	0.000	0.000	0.000	0.000
08:45:00	14.5	10.2	13.3	12.6	5.5	4.9	5.4	5.4	0.001	0.000	0.000	0.001
09:00:00	13.9	9.8	13.5	12.5	5.5	4.8	5.5	5.4	0.003	0.000	0.000	0.003
09:15:00	13.8	10.0	13.2	12.6	5.5	4.9	5.5	5.3	0.005	0.000	0.000	0.003
09:30:00	14.4	9.8	12.3	12.3	5.7	4.8	5.4	5.2	0.006	0.000	0.000	0.004
09:45:00	12.8	9.6	12.3	12.0	5.3	4.8	5.5	5.3	0.008	0.000	0.000	0.004
10:00:00	12.6	9.3	11.9	11.7	5.4	4.8	5.4	5.2	0.009	0.001	0.000	0.003
10:15:00	12.4	8.7	11.4	11.3	5.3	4.6	5.2	5.0	0.010	0.000	0.000	0.004
10:30:00	11.6	8.7	11.5	11.2	5.2	4.6	5.3	5.1	0.010	0.000	0.000	0.006
10:45:00	12.0	8.4	11.1	10.5	5.2	4.5	5.1	4.9	0.014	0.000	0.000	0.005
11:00:00	11.1	8.1	10.4	10.0	5.1	4.4	5.0	4.8	0.015	0.000	0.001	0.007
11:15:00	11.5	8.1	10.8	10.5	5.2	4.5	5.1	5.0	0.016	-0.001	0.001	0.008
11:30:00	10.7	8.0	10.3	10.2	5.0	4.5	5.1	4.8	0.023	0.000	0.002	0.011
11:45:00	10.2	7.6	9.9	9.3	4.9	4.3	4.7	4.7	0.027	0.000	0.003	0.011



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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	10.8	7.2	9.3	9.5	4.8	4.1	4.8	4.5	0.033	0.000	0.002	0.015
12:15:00	9.7	7.0	9.2	10.2	4.7	4.1	5.1	4.6	0.037	0.000	0.002	0.015
12:30:00	11.4	7.3	9.3	9.8	4.9	4.2	4.9	4.6	0.038	0.000	0.003	0.018
12:45:00	9.9	7.1	9.2	11.0	4.8	4.1	5.4	4.6	0.042	0.000	0.004	0.018
13:00:00	10.2	7.2	9.3	9.4	4.7	4.1	4.8	4.5	0.047	0.000	0.006	0.021
13:15:00	9.4	6.9	9.1	9.1	4.6	4.0	4.8	4.5	0.047	-0.001	0.006	0.019
13:30:00	10.1	7.5	9.5	10.1	4.9	4.3	5.0	4.7	0.049	-0.001	0.005	0.021
13:45:00	10.3	7.8	10.2	10.1	5.0	4.4	5.1	4.9	0.048	0.000	0.005	0.022
14:00:00	9.9	7.4	9.3	9.7	4.7	4.3	4.9	4.6	0.048	0.000	0.005	0.021
14:15:00	8.4	6.5	8.1	8.3	4.2	3.8	4.3	4.1	0.051	0.000	0.005	0.024
14:30:00	7.8	6.0	7.9	8.0	3.9	3.6	4.2	3.9	0.053	0.000	0.006	0.029
14:45:00	8.4	5.8	7.4	7.5	3.9	3.5	4.1	3.7	0.061	0.000	0.005	0.028
15:00:00	7.8	5.8	7.9	7.7	4.0	3.5	4.3	4.0	0.057	0.000	0.005	0.026
15:15:00	8.1	6.2	8.2	8.4	4.5	4.2	4.9	4.6	0.047	0.000	0.003	0.025
15:30:00	8.9	6.5	8.5	8.7	4.6	4.2	5.0	4.7	0.044	0.000	0.001	0.024
15:45:00	8.5	6.6	9.2	9.0	4.6	4.1	5.2	4.6	0.040	0.000	0.000	0.022
16:00:00	10.0	7.3	10.1	10.1	5.1	4.5	5.5	5.0	0.042	0.000	0.003	0.020
16:15:00	10.2	7.7	10.2	10.4	5.1	4.6	5.7	5.2	0.043	0.000	0.002	0.019
16:30:00	9.6	7.7	10.3	9.7	4.9	4.5	5.2	4.9	0.037	0.000	0.002	0.017
16:45:00	9.9	7.1	9.5	9.2	4.7	4.2	4.9	4.7	0.033	0.000	0.003	0.014
17:00:00	9.9	6.8	9.4	9.4	4.6	4.0	4.9	4.6	0.024	0.000	0.001	0.012
17:15:00	9.9	6.7	9.4	9.3	4.5	3.9	4.8	4.5	0.025	-0.001	0.000	0.011
17:30:00	9.2	6.6	9.4	9.2	4.3	3.8	4.6	4.3	0.023	0.000	0.000	0.010
17:45:00	9.2	6.6	10.5	9.4	4.2	3.7	4.5	4.3	0.023	0.000	0.001	0.009
18:00:00	9.9	6.8	12.0	10.2	4.2	3.8	4.7	4.6	0.022	0.000	0.000	0.007
18:15:00	10.2	7.4	11.3	11.0	4.6	4.2	5.0	5.0	0.024	0.000	0.000	0.008
18:30:00	11.1	7.7	11.3	10.8	4.8	4.3	5.0	4.9	0.024	0.000	0.000	0.011
18:45:00	11.0	7.8	15.3	11.8	4.8	4.3	5.2	5.2	0.020	0.001	0.000	0.007
19:00:00	12.1	8.5	17.5	12.4	5.0	4.7	5.3	5.6	0.012	0.001	0.001	0.003
19:15:00	13.5	9.8	31.7	13.8	5.7	5.4	6.0	8.1	0.006	0.000	0.000	0.000
19:30:00	15.2	10.0	18.1	14.2	5.9	5.5	6.2	6.3	-0.003	0.000	0.000	0.000
19:45:00	14.9	10.2	19.4	17.2	6.1	5.6	6.4	6.5	-0.009	0.000	0.000	0.000
20:00:00	17.3	10.7	17.2	14.6	6.3	5.6	6.5	6.4	-0.019	0.000	0.000	0.000
20:15:00	22.8	10.9	20.7	14.6	7.1	5.9	7.2	7.0	-0.025	0.000	0.000	0.000
20:30:00	20.7	12.0	23.4	14.6	7.1	6.0	7.2	7.2	-0.029	0.000	0.000	0.000
20:45:00	23.6	12.1	31.9	17.7	7.3	6.1	7.1	7.8	-0.029	0.000	0.000	0.000
21:00:00	23.0	13.5	40.7	16.1	7.5	6.2	7.1	8.8	-0.030	0.000	0.000	0.000
21:15:00	31.0	14.0	37.6	17.9	7.7	6.0	7.4	8.5	-0.030	0.000	0.000	0.000
21:30:00	23.0	13.8	33.6	20.5	7.2	6.3	7.4	8.4	-0.033	0.000	0.006	0.000
21:45:00	21.7	14.0	26.8	21.0	7.1	6.9	8.2	8.2	-0.036	0.001	0.000	0.000
22:00:00	28.4	14.1	28.9	19.5	7.8	7.2	8.0	8.3	-0.039	0.000	0.000	0.000
22:15:00	21.4	13.8	21.0	19.3	8.3	7.1	8.2	8.3	-0.037	-0.001	0.000	0.000
22:30:00	21.7	14.4	23.9	20.8	8.7	7.5	8.7	8.8	-0.029	0.000	0.000	0.000
22:45:00	23.1	15.2	23.1	20.1	9.0	7.7	8.9	8.5	-0.022	0.000	0.000	0.000
23:00:00	26.8	14.5	23.7	19.8	9.3	7.7	8.9	8.8	-0.024	0.000	0.000	0.000
23:15:00	26.1	15.5	25.9	20.0	9.3	8.0	9.0	9.3	-0.022	0.000	0.000	0.000
23:30:00	30.8	15.6	30.2	20.0	9.5	7.9	8.8	9.6	-0.023	0.000	0.000	0.000
23:45:00	34.5	15.7	37.8	19.4	9.8	7.9	8.5	9.7	-0.022	0.001	0.000	0.000



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