



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-26

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.02200 Max : 10.22	2943 ESE	2693 SW	2996 NE	2997 N	Min : 69.62 Max : 92.30	Min : 61.50 Max : 97.80	Min : 29.74 Max : 30.09

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	20.2	61.7	3.4	6.8	0.000	0.001
2943	25.5	67.3	3.8	14.7	-0.003	0.088
2996	15.5	32.9	3.1	4.9	0.005	0.073
2997	32.2	83.2	4.4	8.7	0.004	0.052



Figure 1 : Monitoring Locations

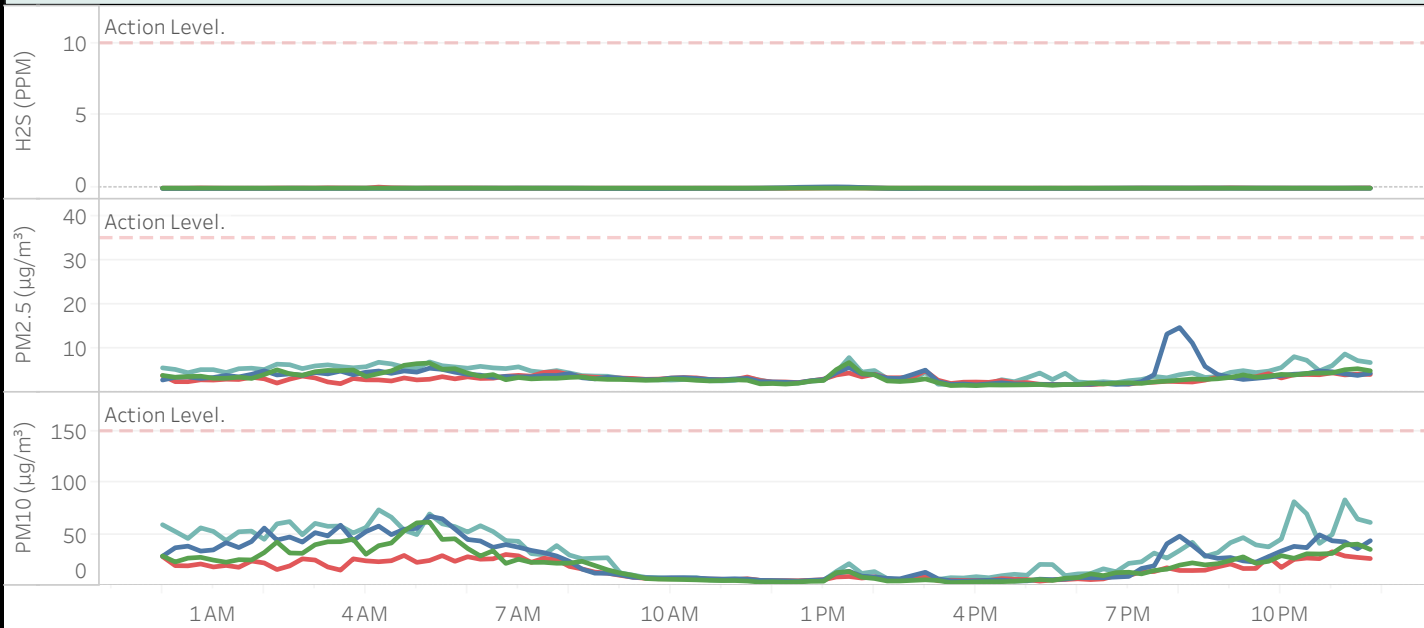


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

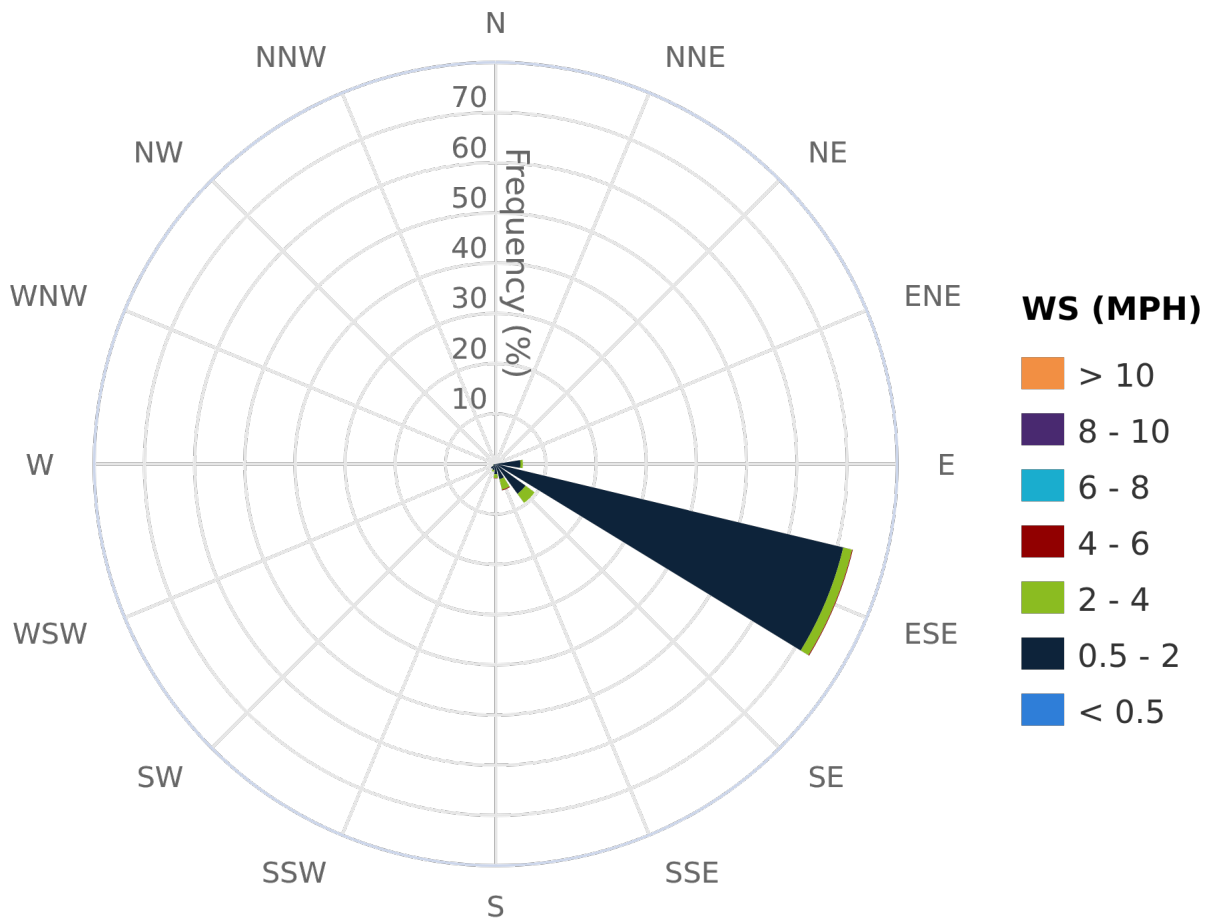


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

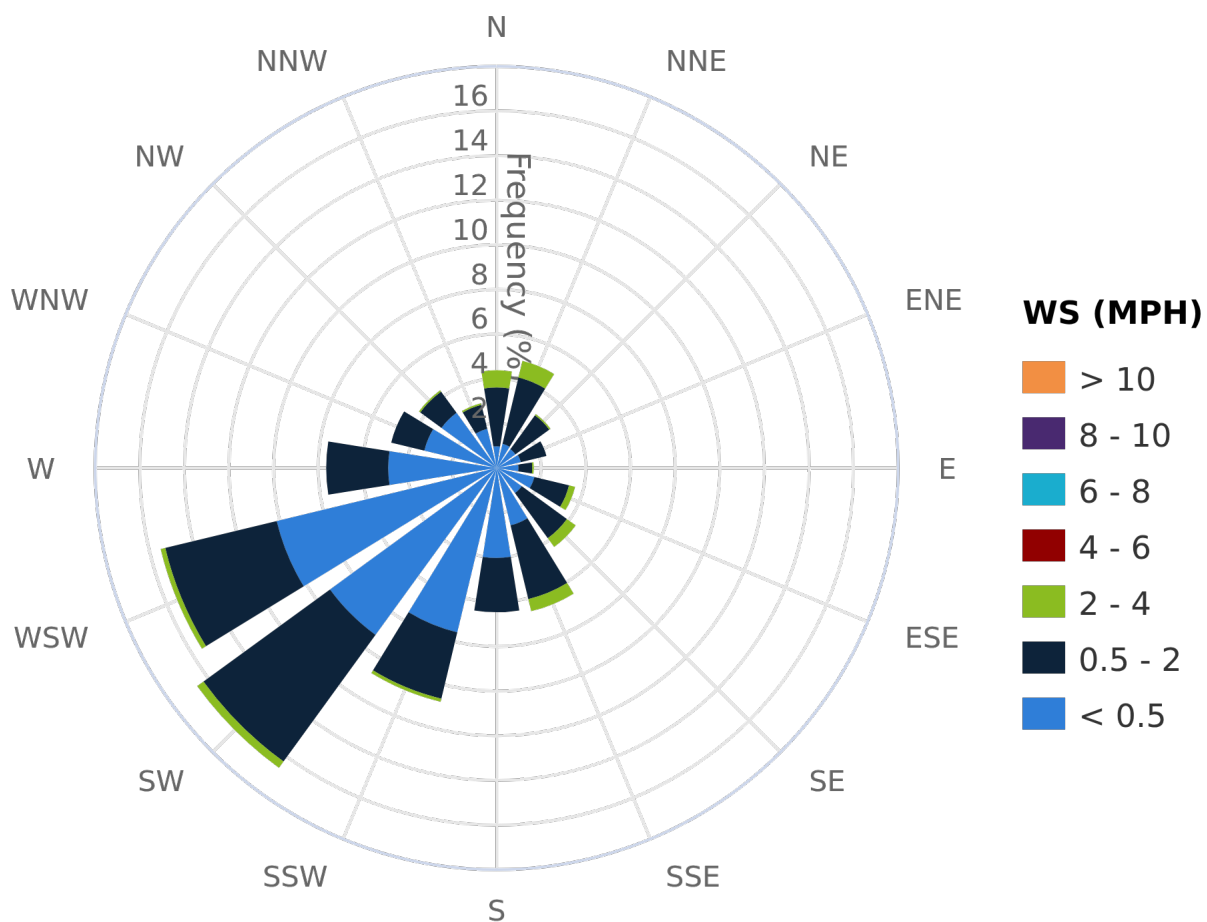


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Wind Rose Chart 2996

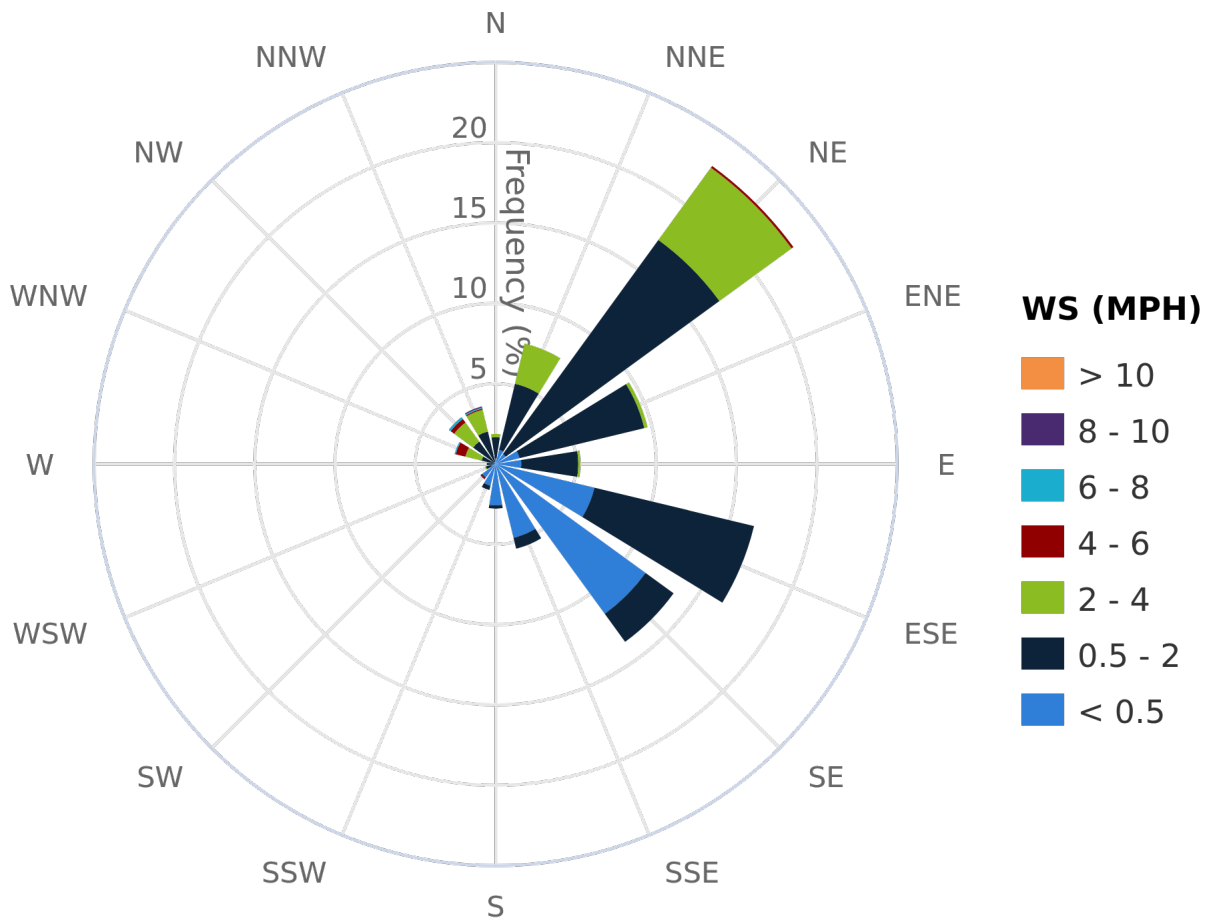


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

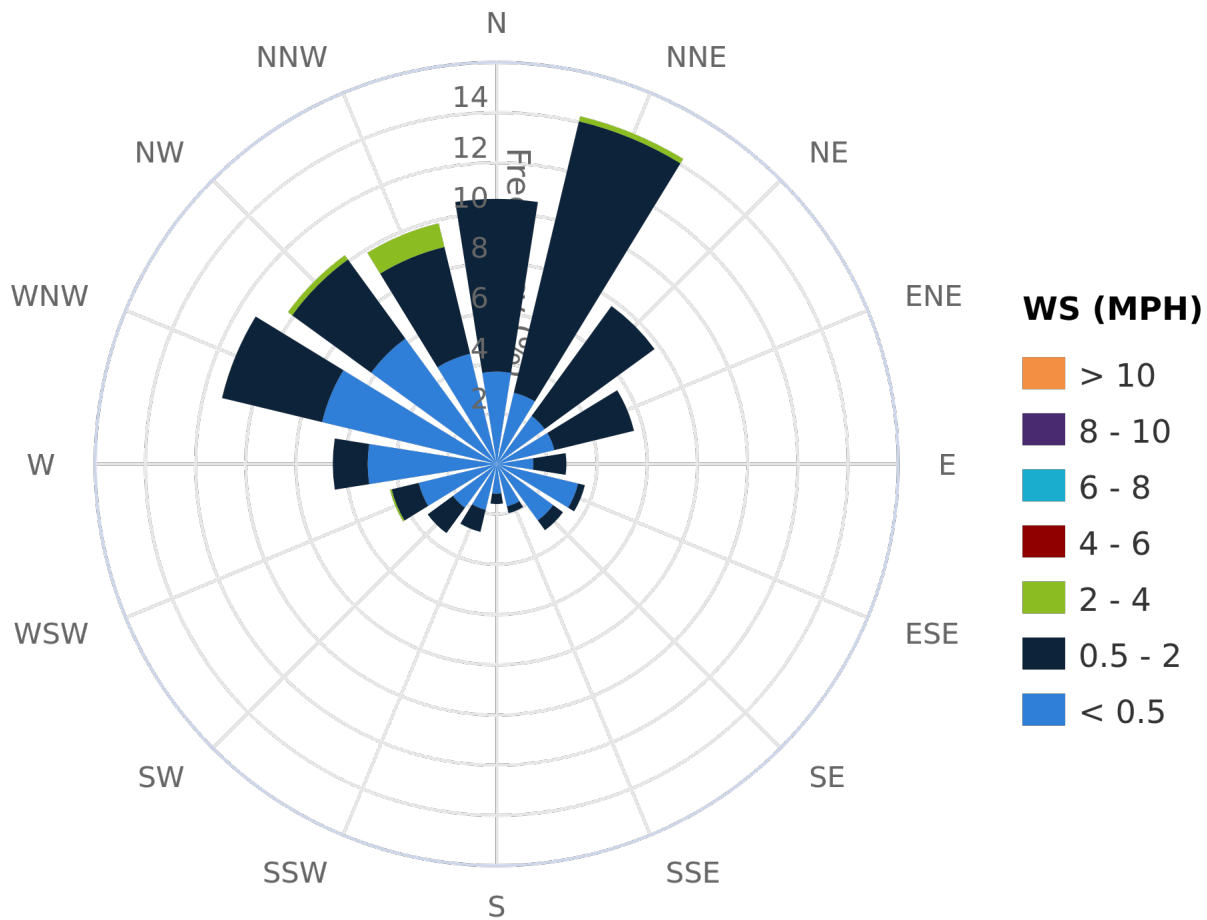


Figure 3 : Wind Rose Chart (WS in MPH)



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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	28.6	28.8	59.1	28.3	2.9	3.9	3.8	5.6	-0.021	0.000	0.000	0.000
00:15:00	36.8	23.1	52.6	19.5	3.5	3.5	2.5	5.2	-0.019	0.000	0.000	0.000
00:30:00	38.4	26.8	45.8	19.3	3.6	3.6	2.5	4.5	-0.019	0.000	0.000	0.000
00:45:00	33.6	27.6	56.1	21.1	3.2	3.7	2.9	5.2	-0.016	0.000	0.014	0.000
01:00:00	34.7	24.9	52.6	18.2	3.4	3.3	2.8	5.2	-0.016	0.000	0.005	0.000
01:15:00	41.7	22.8	43.8	19.7	3.9	3.2	3.0	4.5	-0.015	0.001	0.000	0.000
01:30:00	37.0	25.3	52.3	17.9	3.6	3.5	3.0	5.4	-0.015	0.001	0.001	0.000
01:45:00	42.8	25.0	52.9	24.0	4.1	3.2	3.5	5.5	-0.012	0.000	0.000	0.000
02:00:00	55.9	32.2	45.0	22.1	4.9	4.1	3.1	5.2	-0.014	0.000	0.000	0.000
02:15:00	44.3	42.4	60.0	15.7	4.0	5.2	2.2	6.4	-0.014	0.000	0.009	0.000
02:30:00	47.2	31.7	62.1	19.2	4.2	4.3	3.1	6.3	-0.007	0.000	0.008	0.001
02:45:00	42.3	31.4	49.4	26.1	3.9	3.9	3.7	5.4	-0.009	0.000	0.008	0.001
03:00:00	51.4	39.7	60.4	24.9	4.5	4.7	3.3	6.0	-0.013	0.000	0.007	0.000
03:15:00	48.3	42.6	57.6	18.2	4.2	5.0	2.4	6.3	-0.011	0.000	0.022	0.000
03:30:00	58.7	42.7	57.8	15.2	4.9	5.0	2.0	5.9	-0.010	0.000	0.013	0.000
03:45:00	43.8	45.0	51.2	26.1	4.0	5.1	3.2	5.6	-0.009	0.001	0.009	0.001
04:00:00	52.4	30.5	56.5	24.1	4.6	3.6	2.9	5.8	-0.008	0.001	0.004	0.001
04:15:00	57.8	38.8	73.5	23.3	4.9	4.3	2.9	6.9	-0.009	0.000	0.073	0.001
04:30:00	49.5	41.4	66.4	24.3	4.4	4.9	2.6	6.5	-0.009	0.000	0.026	0.000
04:45:00	54.8	53.1	53.9	29.4	4.9	6.2	3.3	5.8	-0.007	0.001	0.013	0.001
05:00:00	55.6	60.9	49.6	22.7	4.6	6.5	2.9	5.4	-0.006	0.001	0.001	0.001
05:15:00	67.3	61.7	69.5	24.5	5.5	6.7	3.0	6.9	-0.005	0.000	0.010	0.002
05:30:00	64.8	44.9	60.0	29.2	5.3	5.3	3.6	6.1	-0.005	0.001	0.009	0.000
05:45:00	55.0	45.5	57.3	23.7	4.6	5.4	3.1	5.8	-0.006	0.000	0.011	0.001
06:00:00	44.8	36.1	52.0	28.1	4.1	4.4	3.6	5.5	-0.005	0.000	0.010	0.003
06:15:00	43.4	28.8	58.1	25.7	4.0	3.7	3.2	5.9	-0.004	0.001	0.007	0.002
06:30:00	37.2	33.9	52.5	26.1	3.5	4.1	3.3	5.6	-0.002	0.000	0.004	0.001
06:45:00	39.9	21.7	43.8	30.3	3.7	2.9	3.7	5.4	-0.006	0.000	0.001	0.003
07:00:00	37.3	25.7	43.0	28.9	3.6	3.4	3.9	5.8	-0.001	0.001	0.002	0.001
07:15:00	34.2	22.7	31.1	22.7	3.6	3.1	3.7	4.9	-0.002	0.001	0.001	0.000
07:30:00	32.0	22.7	30.0	26.6	3.9	3.2	4.6	4.6	0.000	0.001	0.000	0.000
07:45:00	28.8	21.8	38.9	25.3	3.9	3.2	4.7	5.0	-0.003	0.001	0.000	0.000
08:00:00	23.7	21.9	29.8	18.7	4.3	3.4	4.0	4.4	-0.003	0.001	0.000	0.000
08:15:00	16.1	23.7	26.2	16.3	3.4	3.5	3.7	3.9	-0.007	0.001	0.000	0.000
08:30:00	12.2	19.6	26.7	13.3	3.1	3.1	3.5	3.7	-0.014	0.001	0.000	0.000
08:45:00	12.1	15.4	27.1	12.2	3.5	3.0	3.3	3.7	-0.020	0.001	0.000	0.000
09:00:00	10.6	12.3	12.5	10.1	3.3	3.0	3.3	3.3	-0.022	0.001	0.000	0.000
09:15:00	8.2	10.1	10.3	8.2	3.0	2.9	3.2	3.0	-0.026	0.000	0.000	0.000
09:30:00	7.8	7.0	8.2	7.3	3.0	2.8	3.0	2.9	-0.030	0.000	0.000	0.000
09:45:00	7.4	6.5	7.9	6.8	2.9	2.9	3.1	2.9	-0.030	0.000	0.000	0.000
10:00:00	7.9	6.2	7.1	6.8	3.3	3.1	3.3	2.8	-0.022	0.000	0.000	0.000
10:15:00	7.8	6.0	7.6	7.0	3.4	3.0	3.4	3.0	-0.017	0.000	0.000	0.000
10:30:00	7.4	5.7	7.8	6.9	3.2	2.8	3.3	3.2	-0.012	0.000	0.000	0.000
10:45:00	6.8	5.3	5.7	6.4	3.0	2.7	3.0	2.7	-0.012	0.000	0.000	0.000
11:00:00	6.4	5.0	5.4	6.3	2.9	2.7	2.9	2.6	-0.011	0.000	0.000	0.000
11:15:00	6.8	5.1	5.8	5.8	3.1	2.9	3.0	2.8	-0.012	-0.001	0.000	0.000
11:30:00	6.4	4.6	6.2	6.8	3.2	2.8	3.5	3.4	-0.009	0.000	0.000	0.000
11:45:00	5.2	3.6	5.2	5.3	2.5	2.0	2.7	2.8	-0.002	0.001	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	5.1	3.8	4.8	4.9	2.4	2.1	2.4	2.2	0.016	0.000	0.000	0.000
12:15:00	4.8	3.4	4.7	4.9	2.3	1.9	2.4	2.2	0.027	0.000	0.000	0.011
12:30:00	4.4	3.8	4.6	4.8	2.2	2.1	2.3	2.2	0.061	0.000	0.000	0.028
12:45:00	5.2	4.3	5.1	5.3	2.7	2.6	2.7	2.5	0.072	0.000	0.003	0.038
13:00:00	5.8	4.4	5.4	5.8	3.0	2.8	3.1	2.8	0.083	0.001	0.013	0.047
13:15:00	12.1	12.7	13.9	8.5	4.5	5.2	4.0	4.6	0.088	0.000	0.014	0.052
13:30:00	14.1	13.8	21.4	9.0	5.7	6.8	4.4	7.9	0.077	0.001	0.019	0.050
13:45:00	9.3	8.3	11.9	7.5	4.2	4.3	3.6	4.6	0.046	0.001	0.012	0.039
14:00:00	8.6	7.1	13.7	8.6	4.1	4.0	4.2	5.0	0.012	0.000	0.006	0.024
14:15:00	7.2	4.6	7.0	6.3	3.3	2.7	3.4	3.2	-0.012	0.000	0.000	0.006
14:30:00	6.7	4.7	5.5	6.2	3.2	2.5	3.4	2.7	-0.025	0.001	0.000	0.000
14:45:00	9.9	5.2	6.9	6.4	4.1	2.7	3.5	2.9	-0.024	0.001	0.000	0.000
15:00:00	13.1	5.8	12.4	8.6	5.1	3.1	4.9	4.6	-0.012	0.000	0.000	0.003
15:15:00	6.7	5.1	6.1	4.8	2.5	2.2	2.8	1.9	-0.017	0.000	0.000	0.002
15:30:00	4.7	3.1	7.8	5.4	1.9	1.6	2.1	1.8	-0.016	0.000	0.000	0.000
15:45:00	4.5	3.3	7.5	5.2	2.0	1.7	2.4	1.9	-0.017	0.000	0.000	0.000
16:00:00	4.9	3.8	8.8	5.1	1.8	1.6	2.4	2.2	-0.019	0.000	0.000	0.000
16:15:00	5.3	3.9	7.7	5.2	2.0	1.7	2.3	2.0	-0.020	0.000	0.000	0.000
16:30:00	5.4	4.0	9.8	6.9	2.2	1.7	2.7	2.9	-0.017	0.000	0.000	0.000
16:45:00	4.6	4.3	11.1	6.3	2.0	1.7	2.2	2.5	-0.018	0.000	0.000	0.000
17:00:00	4.8	5.2	10.1	6.1	1.9	1.8	2.3	3.4	-0.015	-0.001	0.000	0.000
17:15:00	6.4	6.1	20.7	4.5	1.9	1.8	1.9	4.4	-0.012	-0.001	0.000	0.000
17:30:00	5.9	5.1	20.5	5.6	1.8	1.7	1.9	3.0	-0.011	0.000	0.000	0.000
17:45:00	6.5	7.3	9.8	6.1	1.8	1.8	1.8	4.4	-0.014	-0.001	0.000	0.000
18:00:00	8.0	7.9	11.5	6.7	1.9	1.8	1.9	2.4	-0.010	0.000	0.000	0.000
18:15:00	7.8	11.5	11.8	6.0	1.9	2.2	1.8	2.2	-0.011	0.000	0.000	0.000
18:30:00	7.9	9.8	16.4	6.6	2.1	2.0	2.0	2.5	-0.005	0.000	0.000	0.000
18:45:00	8.5	12.7	13.6	10.0	1.9	2.2	2.1	2.3	-0.003	0.001	0.000	0.000
19:00:00	9.0	13.1	21.7	10.0	1.9	2.2	1.9	2.7	0.003	0.000	0.002	0.000
19:15:00	16.7	11.5	23.2	13.4	2.5	2.1	2.3	3.0	0.003	0.001	0.007	0.002
19:30:00	19.3	14.8	31.7	13.8	4.1	2.4	2.4	3.7	0.004	0.001	0.004	0.003
19:45:00	40.7	16.1	26.8	17.4	13.2	2.6	2.6	3.3	0.006	0.000	0.003	0.002
20:00:00	48.0	20.0	34.2	14.8	14.7	2.8	2.5	4.1	0.004	0.000	0.007	0.002
20:15:00	39.1	22.2	42.1	14.8	11.2	3.1	2.4	4.5	0.004	0.000	0.006	0.000
20:30:00	29.2	20.2	28.4	15.1	5.9	3.0	2.8	3.4	0.004	0.001	0.012	0.001
20:45:00	26.5	21.4	32.1	18.3	4.1	3.1	3.5	3.6	0.005	0.000	0.007	0.003
21:00:00	27.3	24.5	41.7	21.1	3.5	3.4	3.4	4.6	0.001	0.000	0.020	0.002
21:15:00	24.1	28.0	46.6	16.7	3.0	4.0	3.3	5.0	0.002	0.000	0.012	0.002
21:30:00	22.8	21.7	39.6	16.8	3.2	3.5	3.6	4.5	0.001	0.000	0.005	0.002
21:45:00	28.2	23.7	37.6	28.0	3.5	3.7	4.3	4.9	0.000	0.001	0.001	0.002
22:00:00	33.6	29.2	45.3	17.8	3.9	4.1	3.3	5.7	-0.002	0.000	0.005	0.000
22:15:00	38.2	26.6	81.4	25.5	4.2	4.0	4.0	8.1	-0.003	0.000	0.002	0.000
22:30:00	36.9	31.0	69.6	26.9	4.3	4.4	4.1	7.3	-0.002	0.000	0.002	0.001
22:45:00	49.3	30.8	41.0	26.2	4.9	4.4	4.0	4.9	-0.003	0.000	0.001	0.000
23:00:00	43.6	31.3	49.6	32.9	4.7	4.5	4.5	6.1	-0.003	0.000	0.000	0.000
23:15:00	42.5	39.5	83.2	28.8	4.3	5.2	4.0	8.7	-0.001	0.001	0.001	0.000
23:30:00	35.8	40.3	64.6	27.5	3.9	5.4	4.2	7.2	0.001	0.001	0.007	0.003
23:45:00	43.6	35.2	61.3	26.3	4.4	4.9	4.1	6.8	-0.002	0.000	0.013	0.002



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