



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-13

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.509	2943 ESE	3061 NNW	2996 SSE	2997 NNE	Min : 69.62 Max : 93.38	Min : 53.10 Max : 89.20	Min : 29.75 Max : 30.03

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	17.7	55.1	5.5	14.6	0.005	0.048
2996	13.8	43.2	5.6	15.5	0.001	0.007
2997	16.8	44.6	5.0	13.2	0.007	0.058
3061	17.0	54.5	5.9	16.6	0.000	0.002



Figure 1 : Monitoring Locations

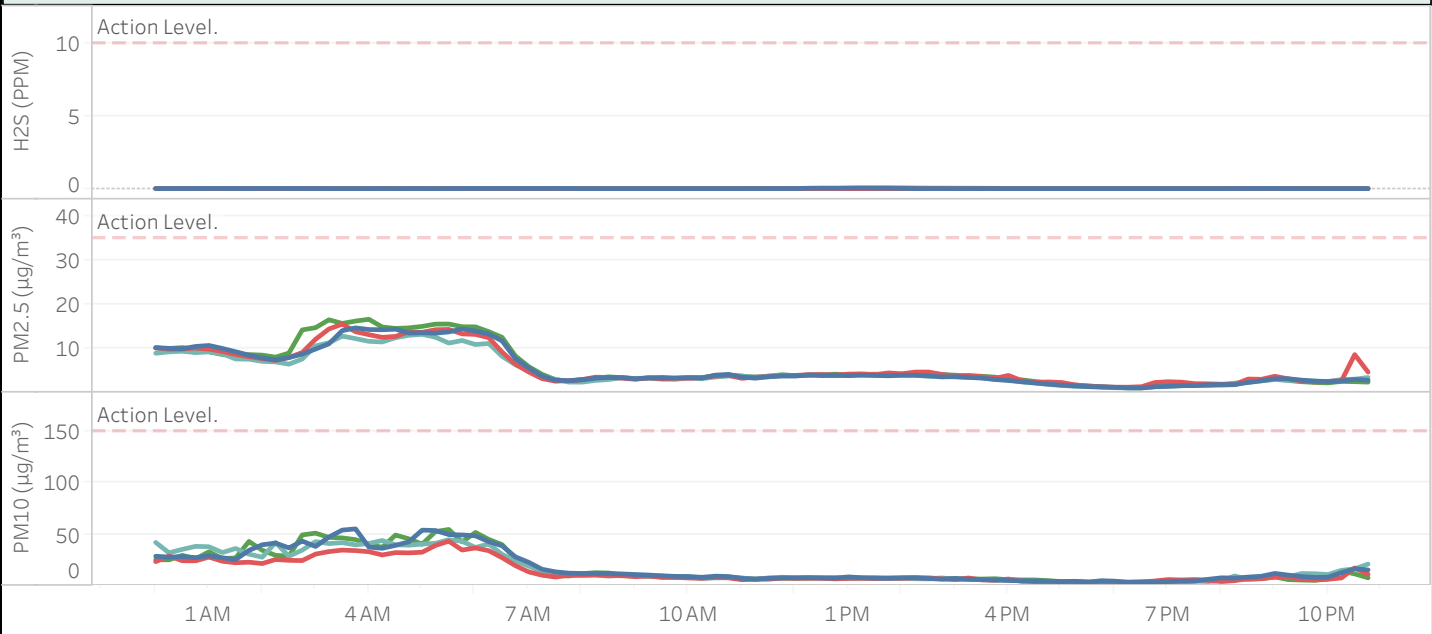


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

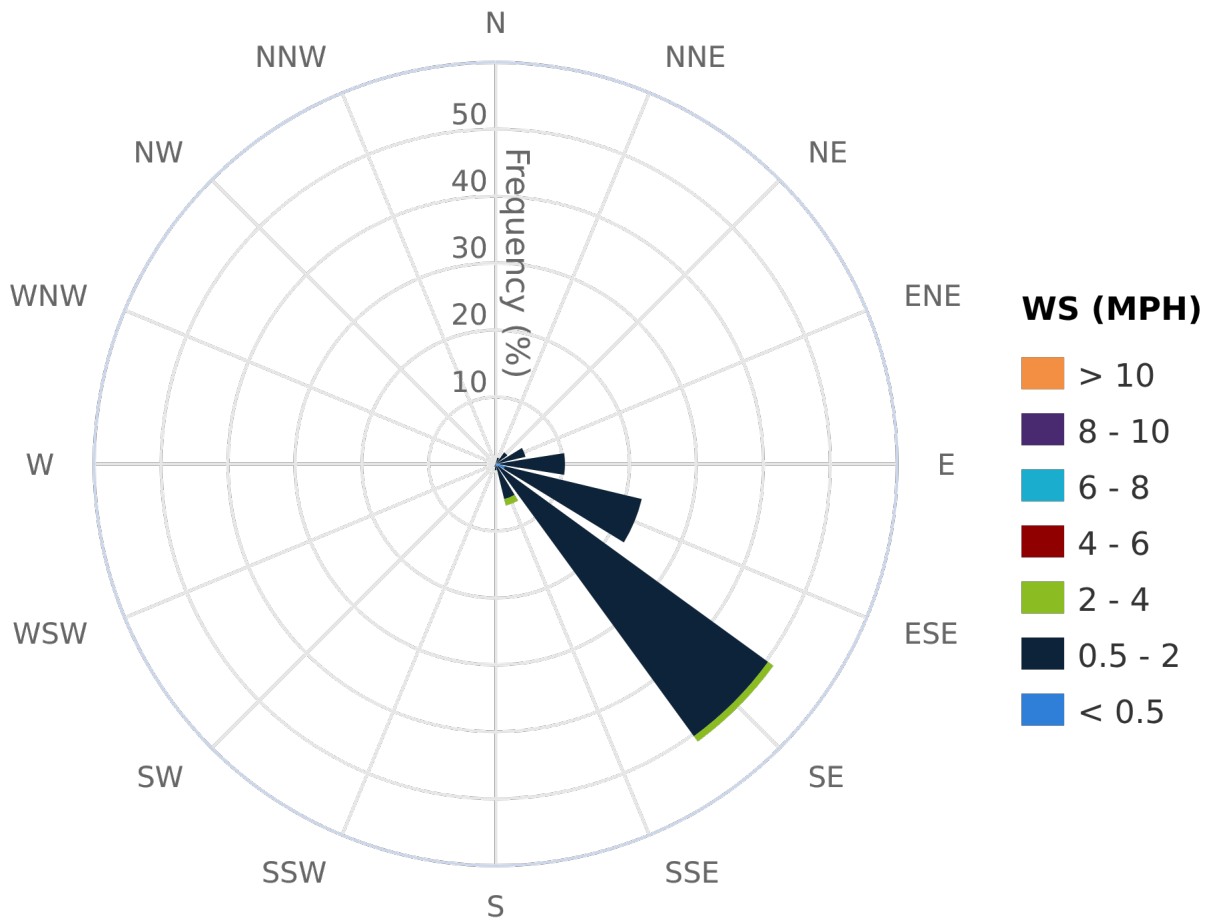


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

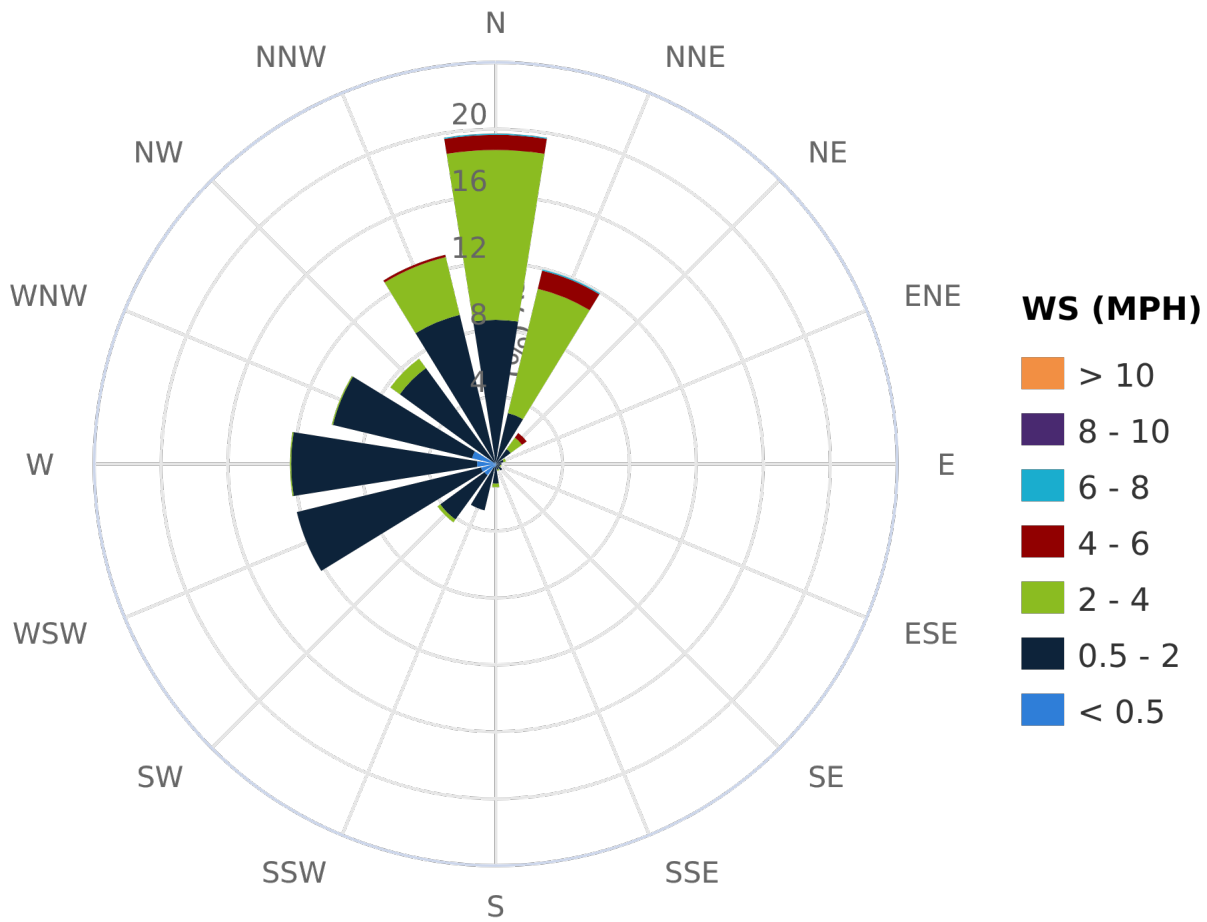


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

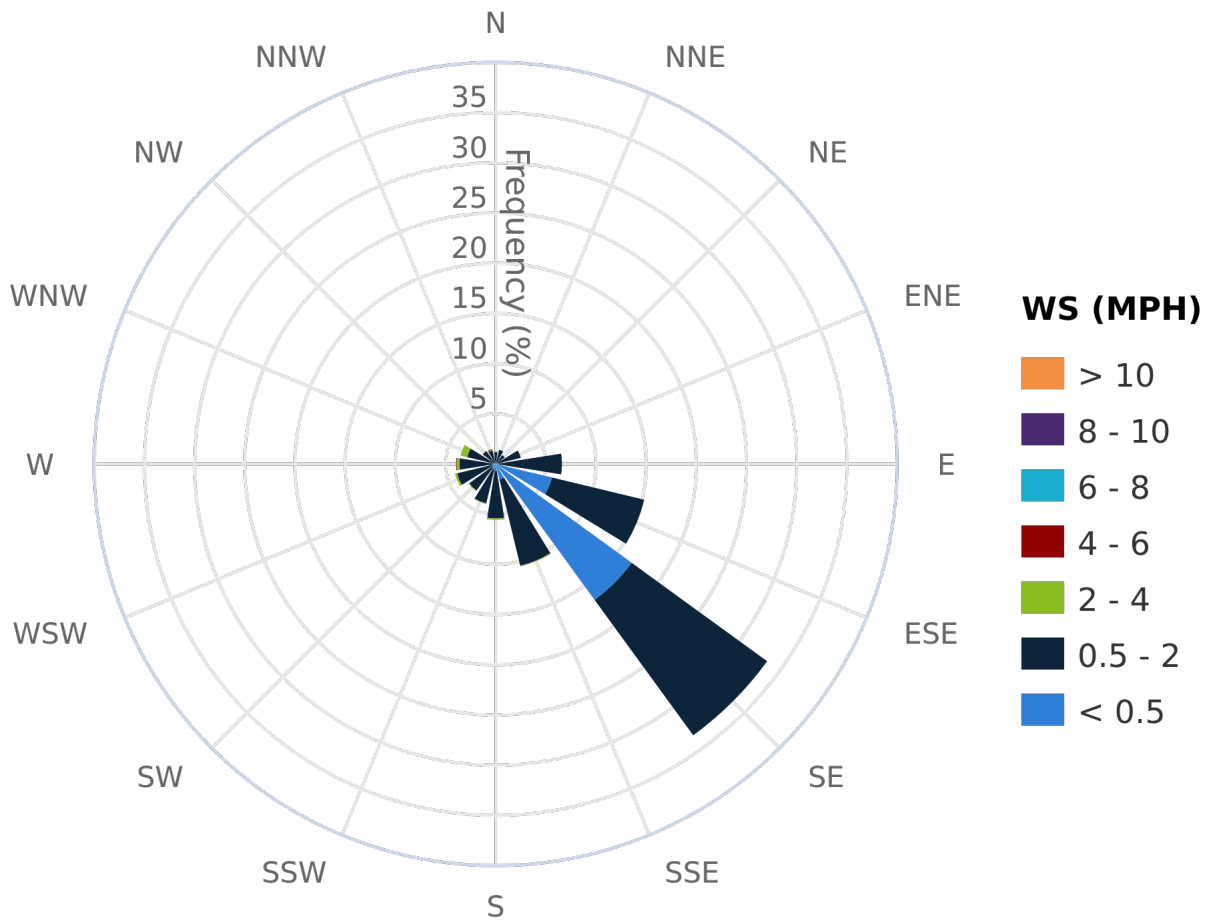


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

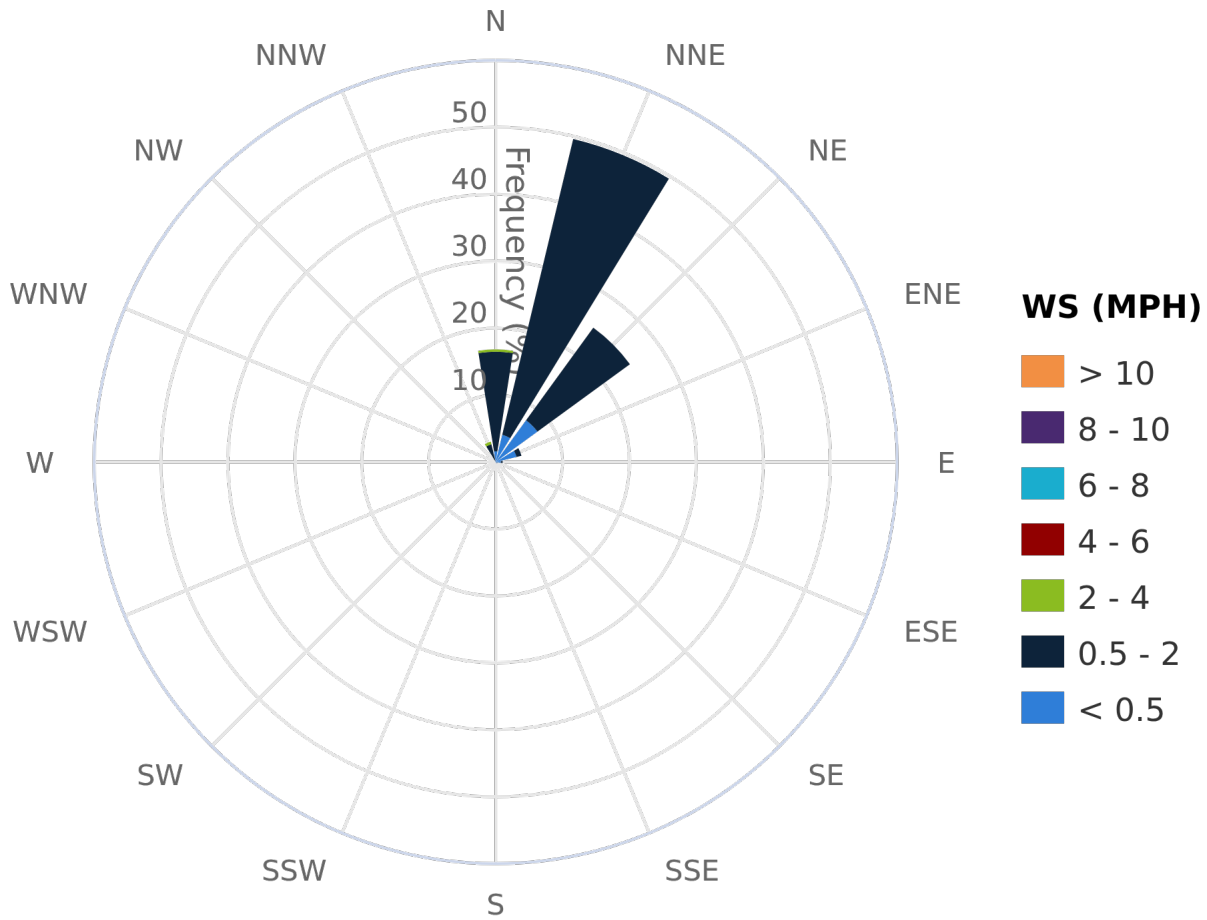


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	28.6	25.3	42.0	23.4	10.2	10.1	10.2	8.9	0.001	0.000	0.000	0.002
00:15:00	27.7	25.1	31.9	28.8	10.0	10.0	9.8	9.2	0.003	0.000	0.000	0.004
00:30:00	28.3	29.4	35.3	24.2	9.9	10.2	9.9	9.4	0.005	0.001	0.000	0.005
00:45:00	27.3	26.1	38.2	24.2	10.4	9.8	10.1	9.0	0.004	0.000	0.000	0.004
01:00:00	29.1	32.9	37.8	27.8	10.7	9.2	9.8	9.2	0.008	0.000	0.000	0.006
01:15:00	27.2	26.4	32.2	23.8	10.0	8.6	9.3	8.8	0.007	0.000	0.000	0.006
01:30:00	25.4	26.9	36.1	22.3	9.2	8.3	8.6	7.6	0.005	0.000	0.000	0.005
01:45:00	34.2	42.9	30.6	22.8	8.5	8.6	8.1	7.6	0.004	0.000	0.000	0.005
02:00:00	39.7	34.4	27.7	21.5	7.8	8.5	7.7	7.1	0.009	0.000	0.000	0.005
02:15:00	41.4	29.5	41.9	25.4	7.4	8.0	7.3	6.9	0.010	0.000	0.000	0.006
02:30:00	36.7	28.7	28.6	24.6	7.9	8.9	7.9	6.4	0.006	0.000	0.000	0.005
02:45:00	43.3	49.2	34.5	24.4	8.7	14.2	9.1	7.6	0.006	0.000	0.000	0.005
03:00:00	38.1	51.0	42.8	30.7	9.9	14.7	12.1	10.6	0.004	0.000	0.000	0.002
03:15:00	47.2	46.8	40.9	33.1	11.0	16.5	14.4	11.3	0.002	0.000	0.000	0.002
03:30:00	53.9	46.4	41.7	34.5	14.0	15.6	15.5	12.8	0.002	0.000	0.000	0.001
03:45:00	55.1	44.7	39.6	34.1	14.6	16.2	13.8	12.2	0.001	0.000	0.000	0.000
04:00:00	37.5	40.3	41.0	33.0	14.3	16.6	13.1	11.6	0.001	0.000	0.000	0.001
04:15:00	36.3	37.2	43.8	29.9	14.2	14.8	12.5	11.5	0.003	0.000	0.000	0.002
04:30:00	39.1	49.1	39.7	32.1	14.3	14.5	12.7	12.4	0.001	0.000	0.000	0.001
04:45:00	42.5	45.5	39.3	31.9	13.5	14.6	13.7	13.0	0.003	0.000	0.000	0.002
05:00:00	53.9	40.3	40.4	32.5	13.5	15.0	13.6	13.2	0.003	0.001	0.000	0.001
05:15:00	53.5	52.5	41.1	39.0	13.4	15.5	14.2	12.5	0.000	0.000	0.000	0.000
05:30:00	49.6	54.5	44.6	43.2	13.7	15.5	14.3	11.2	0.003	0.000	0.001	0.002
05:45:00	49.2	42.5	43.1	34.6	14.4	14.9	13.3	11.8	0.005	0.000	0.000	0.001
06:00:00	48.4	51.6	37.1	36.6	13.9	14.9	13.2	10.9	0.007	0.000	0.000	0.003
06:15:00	42.7	44.9	40.5	34.0	13.2	13.8	12.4	11.1	0.007	0.000	0.000	0.000
06:30:00	38.7	39.9	30.4	27.2	11.7	12.5	9.2	8.2	0.010	0.000	0.000	0.002
06:45:00	28.0	26.0	24.1	19.5	7.7	8.3	6.4	6.3	0.009	0.000	0.000	0.003
07:00:00	22.7	19.5	19.1	13.4	5.6	5.9	4.7	4.9	0.009	0.000	0.000	0.005
07:15:00	16.0	14.2	14.1	10.2	3.7	4.1	3.2	3.7	0.008	0.000	0.000	0.005
07:30:00	13.5	10.4	13.0	8.5	2.8	2.9	2.6	3.0	0.011	0.000	0.000	0.006
07:45:00	12.2	9.4	10.9	10.1	2.7	2.6	2.7	2.4	0.007	0.000	0.000	0.005
08:00:00	11.9	11.8	10.2	10.2	2.9	3.0	2.9	2.4	0.000	0.000	0.000	0.002
08:15:00	11.9	12.7	10.4	10.4	3.2	3.2	3.5	2.8	0.000	0.000	0.000	0.000
08:30:00	11.9	12.4	9.3	10.0	3.4	3.6	3.4	3.0	0.000	0.000	0.000	0.000
08:45:00	11.5	10.4	10.1	9.7	3.4	3.4	3.3	3.4	0.000	0.000	0.000	0.000
09:00:00	10.9	10.1	9.8	8.8	3.1	3.2	3.0	3.1	0.000	0.000	0.000	0.000
09:15:00	10.4	9.5	9.0	9.4	3.3	3.3	3.4	3.3	0.000	0.001	0.000	0.000
09:30:00	9.6	9.5	8.6	8.0	3.3	3.4	3.1	3.0	0.000	0.001	0.000	0.000
09:45:00	9.1	8.3	7.9	8.1	3.3	3.2	3.3	3.0	0.000	0.000	0.000	0.000
10:00:00	8.9	8.8	8.2	7.5	3.4	3.4	3.2	3.3	0.000	0.001	0.000	0.000
10:15:00	8.2	7.7	7.1	7.3	3.3	3.4	3.4	3.2	0.000	0.001	0.000	0.000
10:30:00	9.3	8.1	7.6	8.0	4.0	3.9	3.7	3.5	0.000	0.002	0.000	0.000
10:45:00	9.0	8.1	7.9	7.6	4.1	3.9	3.9	3.8	0.000	0.001	0.000	0.000
11:00:00	7.2	7.4	7.5	5.8	3.5	3.8	3.2	3.7	0.002	0.002	0.000	0.000
11:15:00	6.4	6.5	6.4	6.3	3.3	3.5	3.5	3.5	0.002	0.002	0.007	0.000
11:30:00	7.2	7.5	7.3	6.4	3.6	3.7	3.6	3.7	0.001	0.002	0.006	0.000
11:45:00	7.6	7.3	8.3	7.5	3.7	4.0	3.9	4.0	0.004	0.002	0.005	0.000



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	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	7.8	7.3	7.4	7.3	3.8	3.9	3.9	3.8	0.002	0.002	0.004	0.000
12:15:00	7.9	7.2	7.4	7.4	4.0	3.9	4.1	4.0	0.026	0.002	0.004	0.000
12:30:00	7.6	7.6	7.8	7.3	3.8	4.0	4.1	4.1	0.036	0.001	0.002	0.000
12:45:00	7.5	7.7	7.1	6.7	3.9	4.2	3.9	3.9	0.033	0.001	0.000	0.001
13:00:00	8.6	7.4	7.2	7.1	3.8	4.0	4.2	4.0	0.043	0.001	0.000	0.020
13:15:00	7.8	7.5	7.3	7.3	3.9	4.1	4.2	4.0	0.048	0.001	0.000	0.033
13:30:00	7.4	7.7	7.3	7.0	3.9	4.2	4.1	3.9	0.036	0.000	0.000	0.049
13:45:00	7.2	7.4	7.0	7.4	3.8	4.0	4.5	3.9	0.033	0.000	0.000	0.055
14:00:00	7.8	7.5	7.2	7.3	3.9	4.2	4.3	3.9	0.014	0.000	0.000	0.058
14:15:00	7.8	7.5	6.8	7.7	3.9	4.3	4.7	3.9	0.000	0.000	0.000	0.046
14:30:00	7.0	7.4	6.7	7.6	3.8	4.3	4.7	3.7	0.000	0.000	0.000	0.037
14:45:00	6.3	7.2	7.6	6.7	3.6	4.1	4.1	3.7	0.000	0.000	0.000	0.036
15:00:00	7.2	6.5	6.2	6.0	3.6	3.9	3.7	3.5	0.000	0.000	0.000	0.031
15:15:00	6.3	6.6	6.1	7.5	3.4	3.8	3.9	3.5	0.000	0.000	0.000	0.028
15:30:00	6.0	6.5	6.0	5.7	3.3	3.7	3.6	3.4	0.000	0.000	0.000	0.025
15:45:00	5.7	6.8	5.2	5.5	3.0	3.5	3.2	3.0	0.000	0.000	0.000	0.021
16:00:00	5.1	5.9	5.6	6.5	2.7	3.0	3.9	2.9	0.000	0.000	0.000	0.012
16:15:00	4.8	5.7	4.5	4.5	2.5	2.9	2.7	2.4	0.000	0.000	0.000	0.011
16:30:00	4.7	5.7	4.6	4.0	2.2	2.5	2.4	2.2	0.000	0.000	0.000	0.014
16:45:00	4.5	4.9	4.0	4.1	1.9	2.1	2.4	1.8	0.000	0.000	0.000	0.011
17:00:00	4.0	4.1	4.0	4.1	1.7	1.9	2.3	1.6	0.000	0.000	0.000	0.013
17:15:00	4.4	4.2	3.6	3.5	1.5	1.7	1.7	1.4	0.000	0.000	0.000	0.013
17:30:00	3.6	3.6	3.4	3.3	1.4	1.5	1.5	1.3	0.000	0.000	0.000	0.009
17:45:00	4.9	3.2	3.3	3.4	1.3	1.3	1.3	1.2	0.000	0.000	0.000	0.008
18:00:00	4.5	2.9	3.7	3.5	1.2	1.1	1.2	1.2	0.000	0.000	0.000	0.005
18:15:00	3.4	2.7	3.3	3.5	1.1	1.1	1.2	1.1	0.000	0.000	0.000	0.003
18:30:00	3.4	2.9	3.8	3.7	1.1	1.1	1.3	1.1	0.000	0.000	0.000	0.004
18:45:00	3.8	3.3	3.8	4.6	1.3	1.3	2.3	1.3	0.000	0.000	0.000	0.003
19:00:00	4.0	3.9	4.3	6.0	1.4	1.5	2.5	1.5	0.000	0.000	0.000	0.004
19:15:00	4.6	3.8	4.4	5.6	1.6	1.6	2.4	1.6	0.000	0.000	0.000	0.007
19:30:00	4.6	4.5	4.7	6.0	1.6	1.7	2.0	1.7	0.000	0.000	0.000	0.008
19:45:00	6.3	5.2	4.1	5.3	1.8	1.7	2.0	1.5	0.000	0.000	0.000	0.005
20:00:00	7.7	6.9	5.2	4.1	1.8	1.7	1.9	1.8	0.001	0.000	0.000	0.006
20:15:00	7.4	6.3	9.5	4.9	1.8	1.8	1.9	2.2	0.004	0.000	0.000	0.005
20:30:00	8.4	6.3	6.0	7.0	2.3	2.6	3.1	2.3	0.005	0.001	0.000	0.003
20:45:00	9.2	7.0	6.9	6.8	2.7	3.0	3.0	2.7	0.006	0.000	0.000	0.002
21:00:00	12.0	8.6	9.0	8.4	3.1	3.2	3.7	3.0	0.007	0.000	0.002	0.000
21:15:00	10.3	6.0	8.5	8.4	3.1	2.8	3.1	2.8	0.003	0.000	0.004	0.000
21:30:00	9.0	5.5	11.8	6.3	2.8	2.5	2.7	2.8	0.002	0.000	0.004	0.000
21:45:00	8.0	5.3	11.7	5.7	2.6	2.3	2.4	2.6	0.001	0.000	0.006	0.000
22:00:00	8.3	6.6	10.9	6.3	2.5	2.2	2.6	2.5	0.000	0.000	0.006	0.000
22:15:00	12.7	14.3	14.9	7.6	2.7	2.5	2.7	3.0	0.000	0.000	0.005	0.000
22:30:00	16.5	11.5	16.4	17.2	3.0	2.5	8.6	3.0	0.000	0.000	0.004	0.000
22:45:00	15.3	7.7	21.0	11.1	2.8	2.4	4.6	3.4	0.000	0.000	0.003	0.000



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

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