



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-28

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.09 to 27.47	2943 SSE	3061 WNW	2996 SW	2997 ENE	Min : 69.80 Max : 94.64	Min : 59.90 Max : 92.80	Min : 29.86 Max : 30.10

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	20.7	59.8	4.4	7.1	0.007	0.048	
2996	14.0	30.8	4.1	6.2	0.000	0.008	
2997	25.2	70.0	4.6	6.5	0.005	0.053	
3061	22.3	60.5	4.2	6.3	0.000	0.001	



Figure 1 : Monitoring Locations

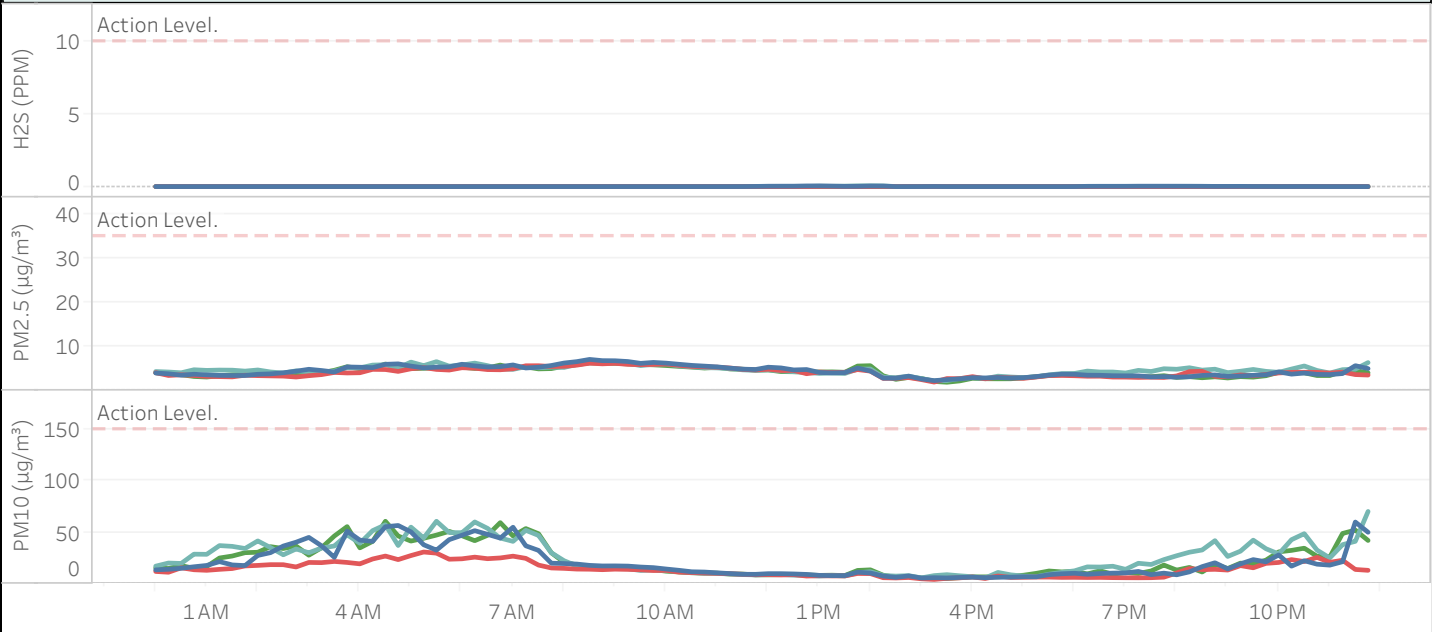


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

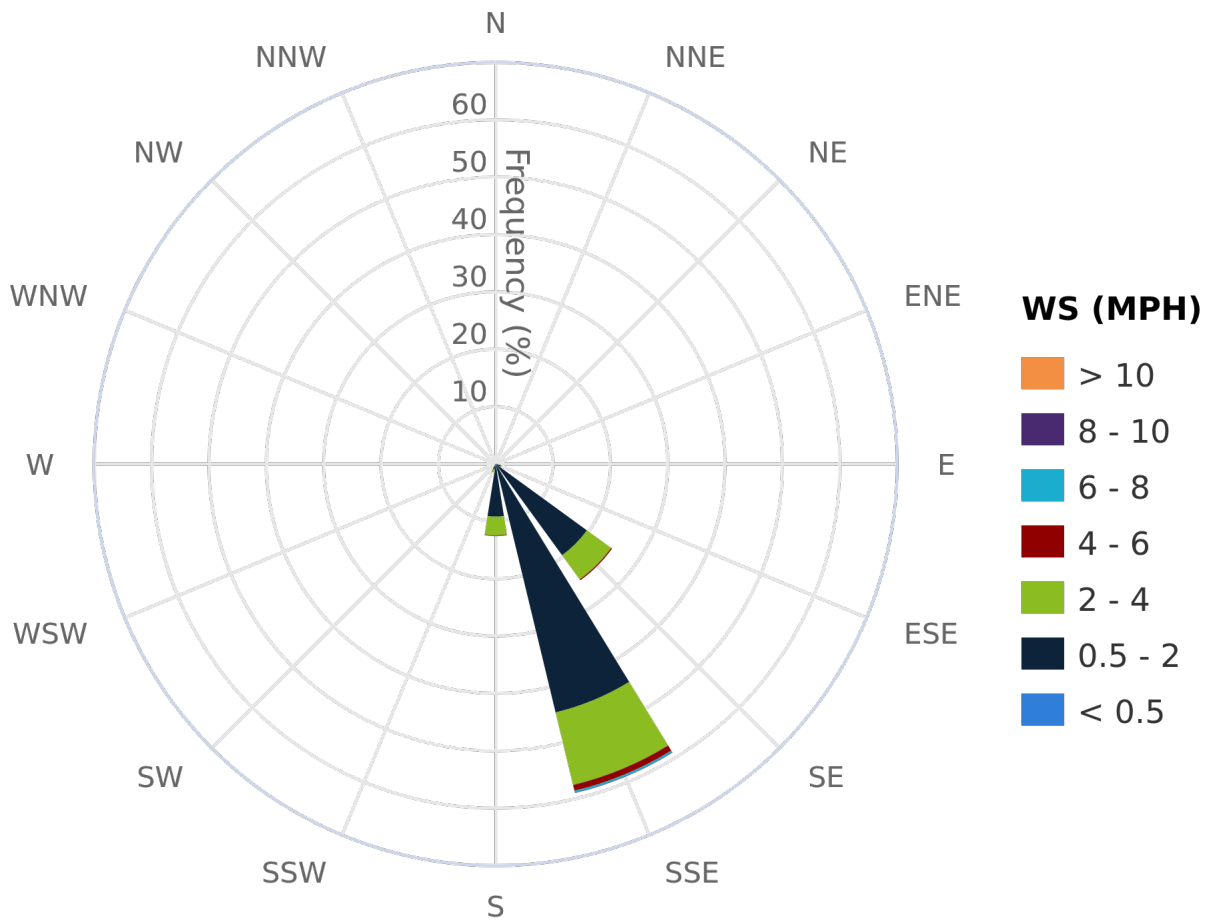


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

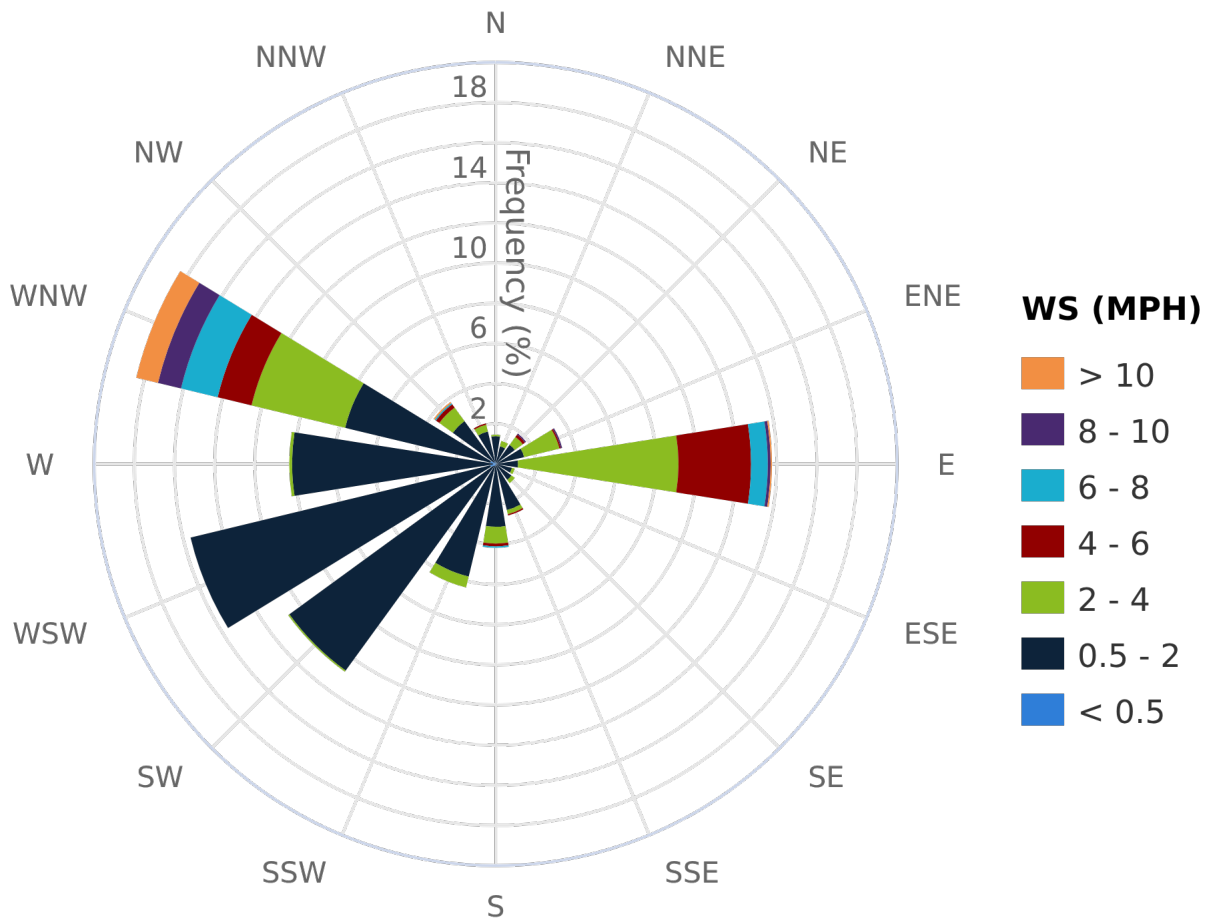


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

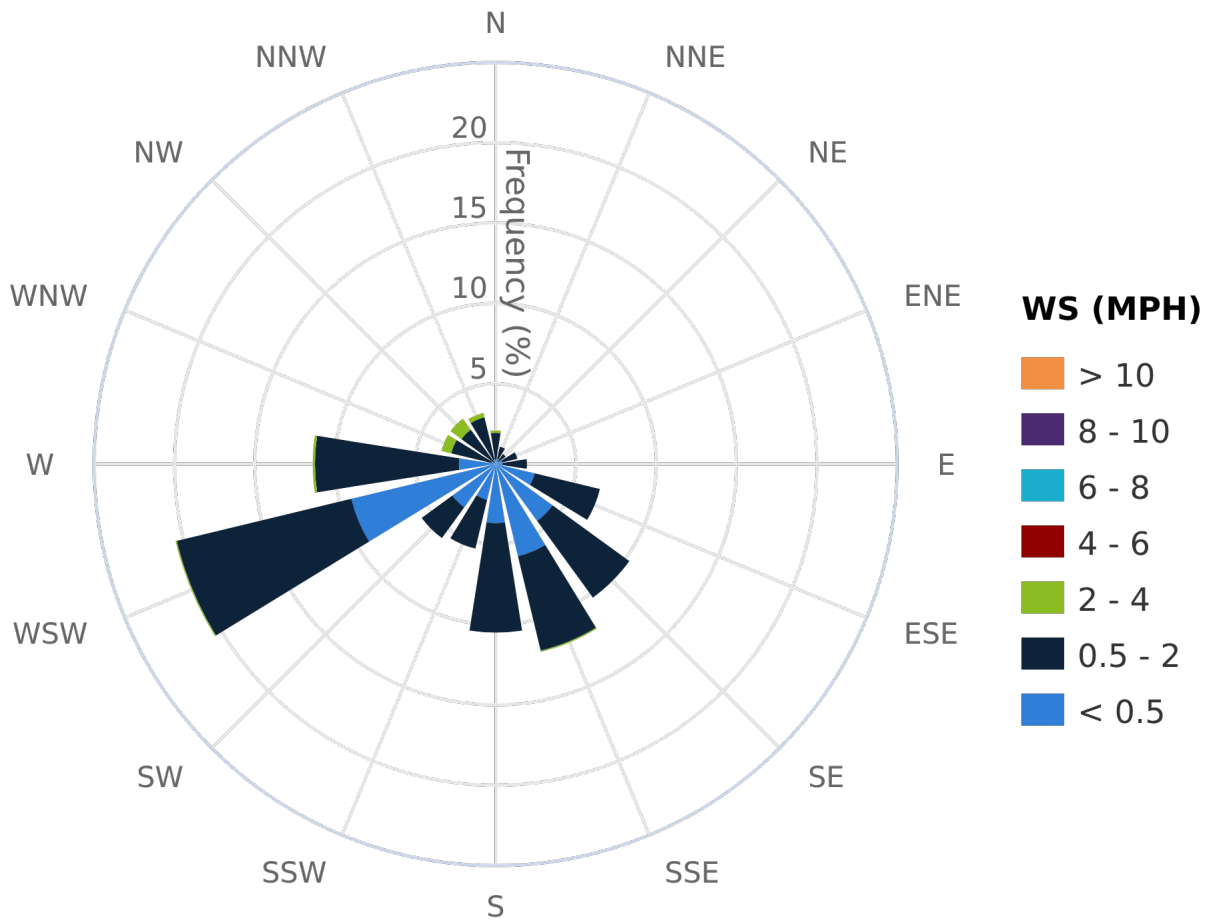


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

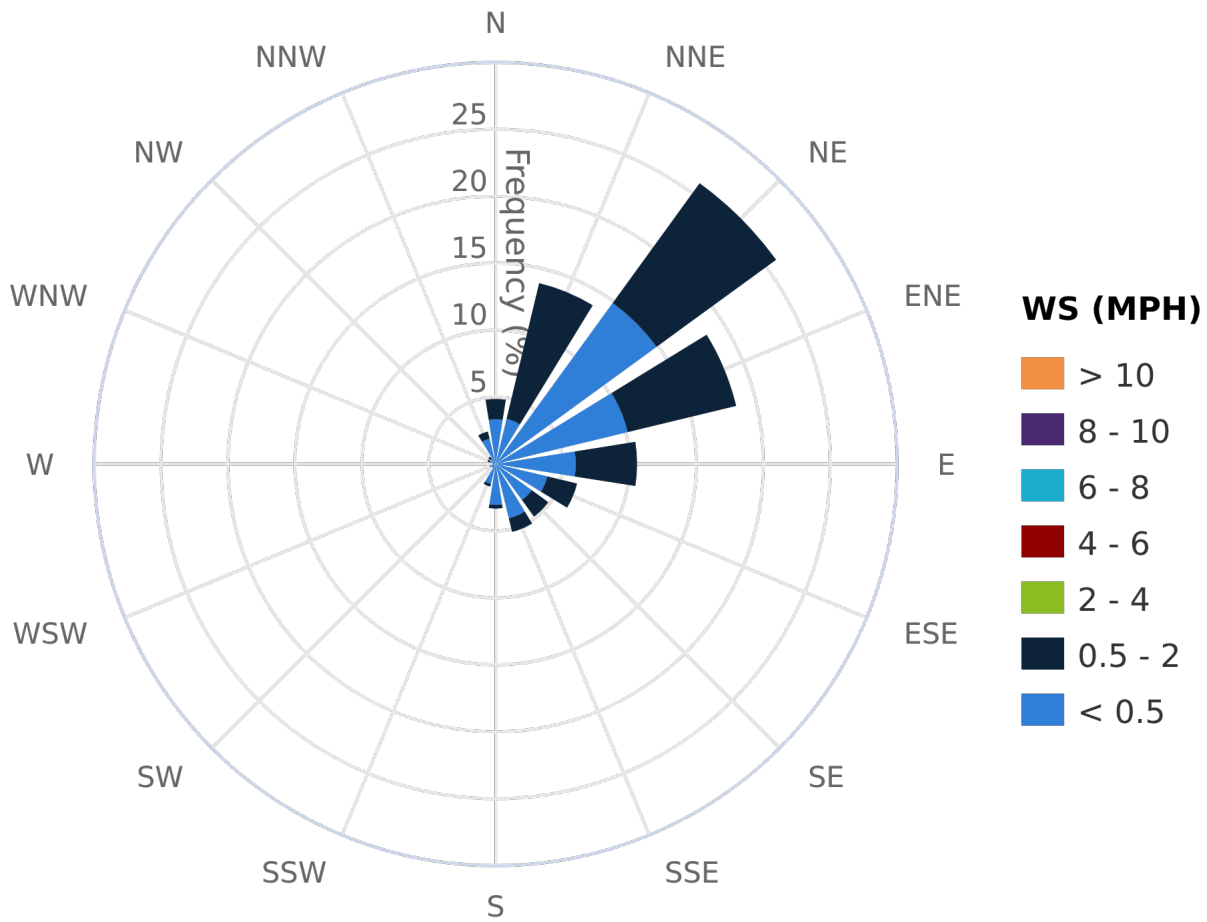


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.5	15.4	17.1	11.9	4.0	4.1	4.1	4.3	0.000	0.000	0.000	0.000
00:15:00	14.0	14.8	20.1	11.2	3.8	3.8	3.4	4.2	0.000	0.000	0.000	0.000
00:30:00	15.0	17.6	19.7	15.5	3.5	3.6	3.6	4.0	0.000	0.000	0.000	0.000
00:45:00	16.5	15.0	28.7	13.6	3.7	3.2	3.4	4.7	0.000	0.000	0.000	0.000
01:00:00	17.8	16.7	28.5	13.0	3.6	3.1	3.2	4.6	0.000	0.000	0.000	0.000
01:15:00	21.4	25.0	37.0	14.0	3.4	3.4	3.2	4.6	0.000	0.000	0.000	0.000
01:30:00	18.3	26.9	36.2	14.8	3.4	3.6	3.1	4.6	0.000	0.000	0.000	0.000
01:45:00	17.6	30.1	34.2	17.3	3.4	3.6	3.5	4.4	0.000	0.000	0.000	0.000
02:00:00	27.4	30.5	41.5	17.8	3.7	3.6	3.4	4.7	0.000	0.000	0.000	0.000
02:15:00	30.2	35.9	35.0	18.5	3.8	4.0	3.3	4.2	0.000	0.000	0.000	0.000
02:30:00	36.5	34.1	28.1	18.5	4.0	3.9	3.3	4.0	0.000	0.000	0.000	0.000
02:45:00	40.3	36.5	33.7	16.3	4.4	4.0	3.1	4.5	0.000	0.000	0.000	0.000
03:00:00	44.9	27.7	30.0	20.7	4.8	3.6	3.4	4.2	0.000	0.000	0.000	0.000
03:15:00	36.7	34.9	34.6	20.5	4.5	4.0	3.6	4.3	0.000	0.000	0.000	0.000
03:30:00	25.6	46.3	36.6	21.6	4.2	4.6	4.1	4.4	0.000	0.000	0.000	0.000
03:45:00	51.0	55.4	47.4	20.6	5.4	5.4	4.0	5.2	0.000	0.000	0.000	0.000
04:00:00	42.2	34.8	39.2	19.3	5.3	4.9	4.0	5.1	0.000	0.000	0.000	0.000
04:15:00	41.1	41.1	51.5	24.0	5.2	5.1	4.8	5.8	0.000	0.000	0.000	0.000
04:30:00	55.2	60.5	57.1	26.8	5.9	6.0	4.8	5.9	0.000	0.000	0.000	0.000
04:45:00	56.5	46.3	37.0	23.4	6.1	5.3	4.3	5.1	0.000	0.000	0.000	0.000
05:00:00	50.3	41.3	54.9	27.3	5.5	5.0	4.9	6.5	0.000	0.000	0.000	0.000
05:15:00	37.8	44.0	44.4	30.8	5.1	5.1	5.2	5.7	0.000	0.000	0.000	0.000
05:30:00	32.6	47.1	60.5	29.7	5.3	5.1	4.8	6.5	0.000	0.000	0.000	0.000
05:45:00	42.7	50.8	49.6	23.8	5.4	5.2	4.7	5.5	0.000	0.000	0.000	0.000
06:00:00	47.0	46.5	49.5	24.2	6.0	5.3	5.2	5.8	0.000	0.000	0.000	0.000
06:15:00	51.4	41.7	59.9	25.8	5.6	5.0	5.1	6.2	0.000	0.000	0.000	0.000
06:30:00	47.9	46.9	53.7	24.3	5.3	5.1	4.8	5.7	0.000	0.000	0.000	0.000
06:45:00	44.2	59.2	44.3	25.0	5.4	5.8	4.7	4.9	0.000	0.000	0.000	0.000
07:00:00	54.8	46.3	41.1	26.7	5.8	5.1	4.9	4.8	0.000	0.000	0.000	0.000
07:15:00	36.8	53.4	51.8	24.6	5.1	5.4	5.6	5.4	0.000	0.000	0.000	0.000
07:30:00	32.3	48.4	46.8	18.1	5.3	4.9	5.6	5.2	0.000	0.000	0.000	0.000
07:45:00	19.9	30.0	30.0	15.3	5.7	5.0	5.4	5.3	0.000	0.000	0.000	0.000
08:00:00	19.6	20.7	22.3	14.9	6.2	5.5	5.5	5.2	0.000	0.000	0.000	0.000
08:15:00	19.1	18.3	17.3	14.2	6.6	5.9	5.8	5.9	0.000	0.000	0.000	0.000
08:30:00	17.8	16.2	16.5	14.1	7.1	6.3	6.2	6.3	0.000	0.000	0.000	0.000
08:45:00	17.3	15.3	15.1	13.6	6.8	6.2	6.1	6.5	0.000	0.000	0.000	0.000
09:00:00	17.3	15.3	14.6	14.2	6.8	6.2	6.2	6.3	0.000	0.000	0.000	0.000
09:15:00	17.1	15.8	14.5	13.9	6.6	6.0	5.9	6.2	0.000	0.000	0.000	0.000
09:30:00	16.2	14.7	12.9	13.5	6.2	5.9	5.9	5.7	0.000	0.000	0.000	0.000
09:45:00	15.6	13.8	13.3	12.8	6.4	5.8	5.9	6.0	0.000	0.000	0.000	0.000
10:00:00	14.3	12.2	12.9	13.0	6.2	5.7	6.0	6.0	0.000	0.000	0.000	0.000
10:15:00	13.0	11.4	11.7	11.3	6.0	5.5	5.7	5.6	0.000	0.000	0.000	0.000
10:30:00	11.6	10.6	11.0	10.8	5.7	5.3	5.5	5.4	0.000	0.000	0.000	0.000
10:45:00	11.4	10.3	10.2	10.4	5.5	5.1	5.4	5.2	0.000	0.000	0.000	0.000
11:00:00	10.6	10.3	10.0	10.1	5.4	5.3	5.3	5.1	0.000	0.001	0.000	0.000
11:15:00	9.9	9.4	9.5	9.7	5.1	4.9	5.1	5.0	0.001	0.001	0.000	0.000
11:30:00	9.2	9.4	8.9	9.2	4.9	4.8	4.8	4.7	0.003	0.001	0.000	0.000
11:45:00	9.2	8.6	8.6	8.7	4.8	4.6	4.7	4.6	0.013	0.001	0.000	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	9.8	8.6	9.1	8.8	5.3	4.7	4.8	4.7	0.027	0.000	0.000	0.000
12:15:00	9.8	8.8	9.0	8.5	5.1	4.3	4.5	4.5	0.029	0.000	0.000	0.000
12:30:00	9.5	8.9	8.3	8.8	4.7	4.3	4.6	4.3	0.030	0.000	0.000	0.003
12:45:00	9.1	8.5	8.1	7.5	4.8	4.2	3.8	4.1	0.046	0.000	0.000	0.009
13:00:00	8.1	8.1	7.4	7.8	4.1	4.2	4.2	3.9	0.048	0.000	0.006	0.029
13:15:00	7.9	8.3	8.1	7.6	4.0	4.2	4.1	4.0	0.035	0.000	0.007	0.022
13:30:00	7.9	8.0	7.5	7.6	4.1	4.2	4.1	3.9	0.017	0.000	0.000	0.033
13:45:00	11.2	12.9	10.6	10.0	5.1	5.6	4.8	4.9	0.020	0.000	0.000	0.051
14:00:00	10.4	13.5	11.7	9.8	4.4	5.6	4.4	4.9	0.040	0.000	0.003	0.053
14:15:00	7.5	8.3	8.0	5.9	2.8	3.4	2.8	3.0	0.038	0.000	0.008	0.044
14:30:00	6.2	6.2	7.4	5.6	2.8	2.6	2.8	2.9	0.000	0.000	0.000	0.007
14:45:00	7.6	6.8	7.9	6.1	3.3	3.0	3.0	3.3	0.000	0.000	0.001	0.005
15:00:00	5.6	5.6	5.7	4.8	2.6	2.8	2.5	2.7	0.001	0.000	0.000	0.005
15:15:00	5.9	5.1	7.9	4.2	2.3	2.1	1.9	2.2	0.007	0.000	0.002	0.012
15:30:00	5.6	5.2	8.8	5.3	2.5	1.9	2.7	2.3	0.000	0.000	0.000	0.003
15:45:00	6.1	5.9	7.7	5.7	2.7	2.2	2.7	2.7	0.000	0.000	0.000	0.000
16:00:00	6.4	6.7	6.8	6.6	2.9	2.8	3.2	3.0	0.000	0.000	0.000	0.000
16:15:00	5.9	6.7	5.6	5.1	2.9	2.7	2.7	2.7	0.000	0.000	0.000	0.000
16:30:00	6.3	6.7	11.0	7.5	3.0	2.7	3.0	3.3	0.000	0.000	0.000	0.000
16:45:00	6.4	7.4	8.7	6.1	2.8	2.7	2.9	3.1	0.000	0.000	0.000	0.000
17:00:00	6.8	8.3	7.4	6.2	2.9	2.9	2.8	2.9	0.000	0.000	0.000	0.000
17:15:00	6.7	10.1	6.9	6.5	3.2	3.2	3.1	3.1	0.000	0.000	0.000	0.000
17:30:00	8.8	12.4	9.3	6.5	3.5	3.4	3.4	3.6	0.000	0.000	0.000	0.000
17:45:00	9.7	11.5	11.0	6.2	3.7	3.6	3.4	3.9	0.000	0.000	0.000	0.000
18:00:00	10.2	12.0	12.5	6.2	3.7	3.7	3.4	3.9	0.003	0.000	0.000	0.000
18:15:00	9.2	9.6	16.4	6.1	3.5	3.5	3.3	4.4	0.019	0.000	0.000	0.000
18:30:00	9.9	12.6	16.2	6.2	3.5	3.6	3.3	4.2	0.022	0.000	0.000	0.000
18:45:00	10.3	9.2	17.0	5.9	3.4	3.3	3.1	4.2	0.022	0.000	0.000	0.000
19:00:00	10.5	11.0	14.0	5.8	3.4	3.3	3.1	4.0	0.023	0.000	0.000	0.004
19:15:00	11.9	9.9	19.9	5.8	3.3	3.2	3.0	4.6	0.029	0.000	0.000	0.009
19:30:00	8.8	12.4	18.7	5.9	3.1	3.2	3.0	4.3	0.029	0.000	0.000	0.014
19:45:00	10.3	18.1	23.4	6.4	3.2	3.4	3.0	5.0	0.028	0.000	0.000	0.015
20:00:00	8.7	13.3	27.1	10.5	3.0	3.0	3.3	4.8	0.028	0.000	0.000	0.015
20:15:00	11.5	15.8	30.6	14.7	3.1	3.2	4.3	5.2	0.026	0.000	0.000	0.011
20:30:00	16.6	11.4	32.7	13.7	3.4	2.9	4.4	4.6	0.023	0.001	0.000	0.013
20:45:00	20.3	19.1	41.8	14.0	3.6	3.1	3.2	4.8	0.015	0.001	0.000	0.013
21:00:00	14.4	14.8	26.4	13.3	3.2	2.9	3.1	4.1	0.014	0.001	0.000	0.012
21:15:00	19.3	20.0	31.6	17.6	3.3	3.2	3.5	4.4	0.016	0.001	0.000	0.012
21:30:00	23.4	19.2	42.3	15.5	3.5	3.1	3.3	4.8	0.008	0.001	0.000	0.012
21:45:00	21.2	22.9	33.9	19.8	3.6	3.4	3.7	4.4	0.007	0.001	0.000	0.010
22:00:00	27.9	30.9	28.9	20.6	4.2	4.1	4.0	4.1	0.003	0.001	0.000	0.010
22:15:00	17.1	32.3	42.7	23.4	3.7	4.2	4.1	4.9	0.004	0.000	0.000	0.006
22:30:00	22.3	34.4	48.5	21.6	4.0	4.0	4.2	5.6	0.005	0.000	0.000	0.004
22:45:00	19.0	26.7	32.6	25.6	3.7	3.4	4.1	4.6	0.003	0.000	0.000	0.004
23:00:00	18.0	25.9	25.0	20.8	3.6	3.4	4.0	4.0	0.001	0.000	0.000	0.003
23:15:00	21.4	48.7	37.9	22.8	3.9	4.4	4.2	4.7	0.000	0.000	0.000	0.004
23:30:00	59.8	52.0	41.1	13.9	5.6	4.6	3.6	4.9	0.000	0.000	0.000	0.002
23:45:00	49.9	41.9	70.0	13.0	5.0	4.0	3.5	6.3	0.000	0.000	0.000	0.000



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

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