



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-08

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.067 to 6.823	2943 SE	3061 WSW	2996 SSE	2997 NNE	Min : 64.58 Max : 100.0	Min : 40.00 Max : 85.60	Min : 29.97 Max : 30.21

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	14.2	144.1	4.6	18.6	0.016	0.107
2996	9.1	24.6	3.9	6.1	0.017	0.098
2997	15.4	64.2	4.3	7.4	0.003	0.024
3061	11.0	22.8	5.5	16.4	0.001	0.009



Figure 1 : Monitoring Locations

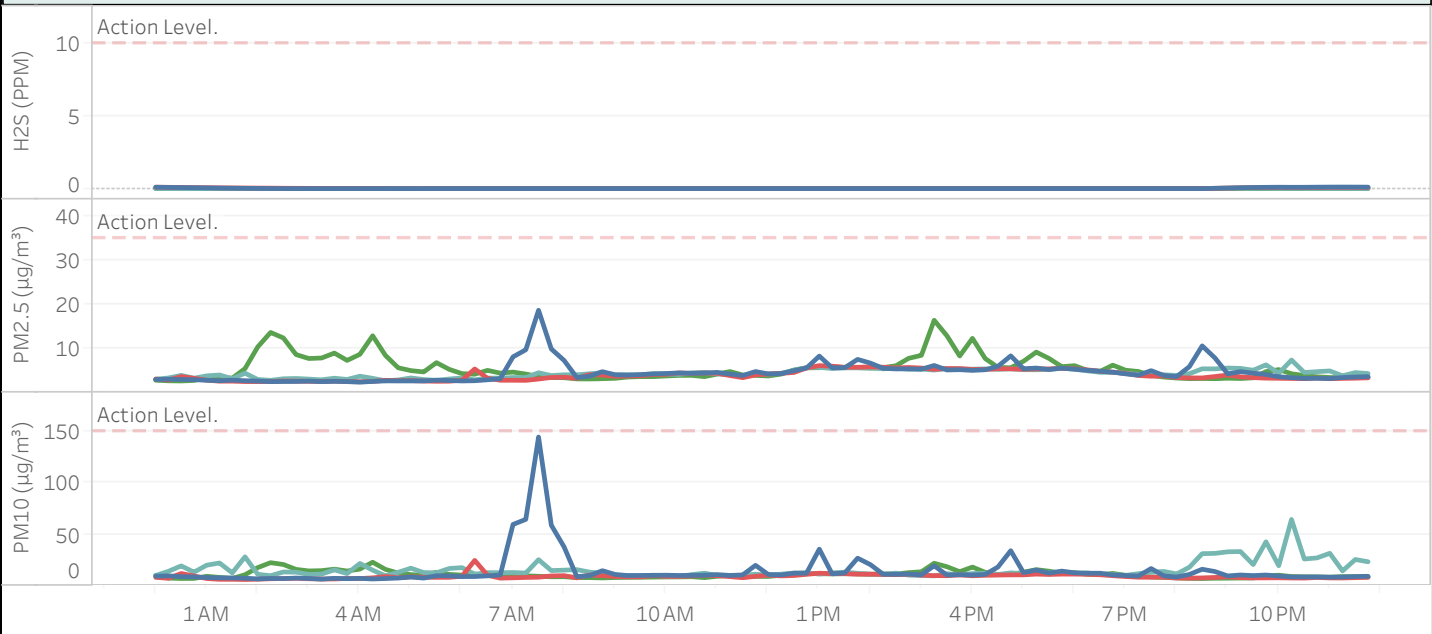


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

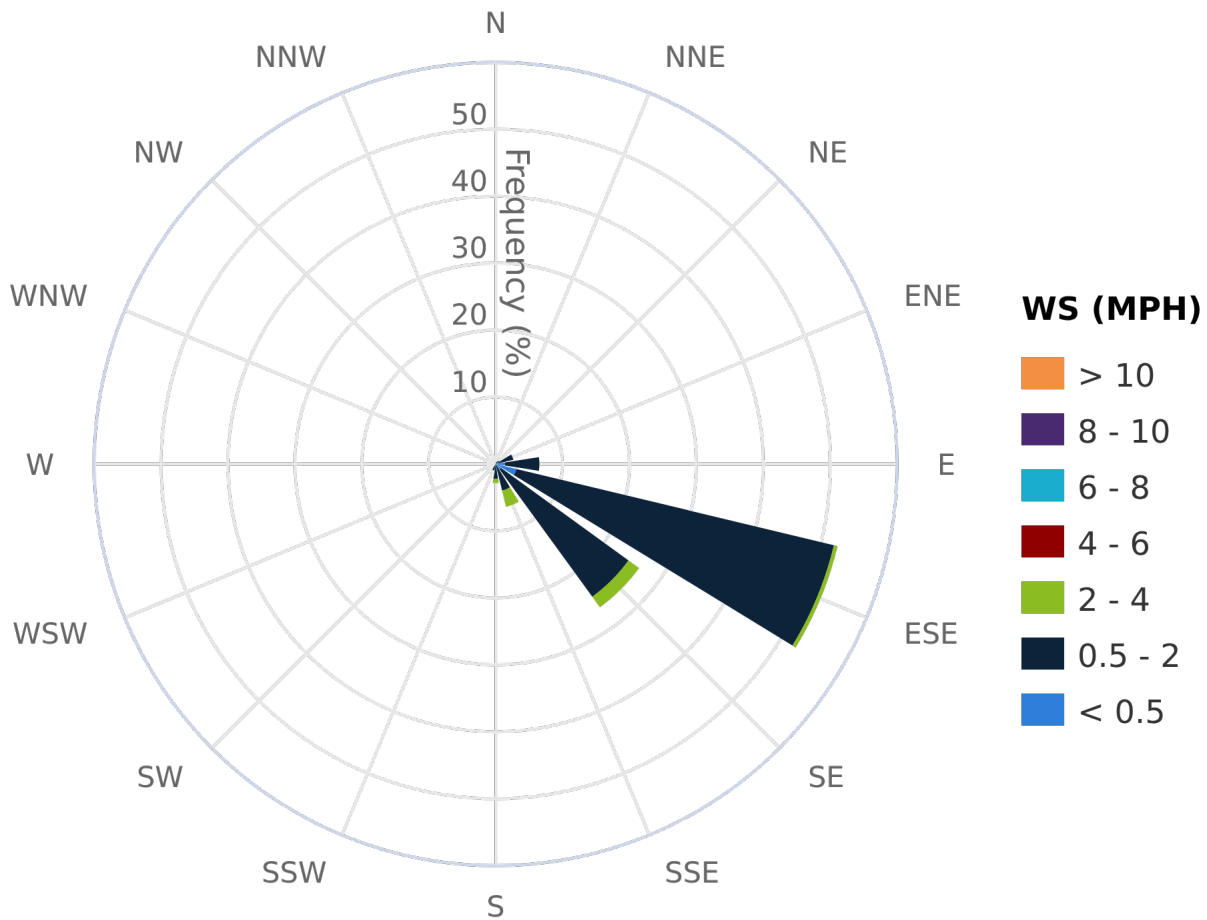


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

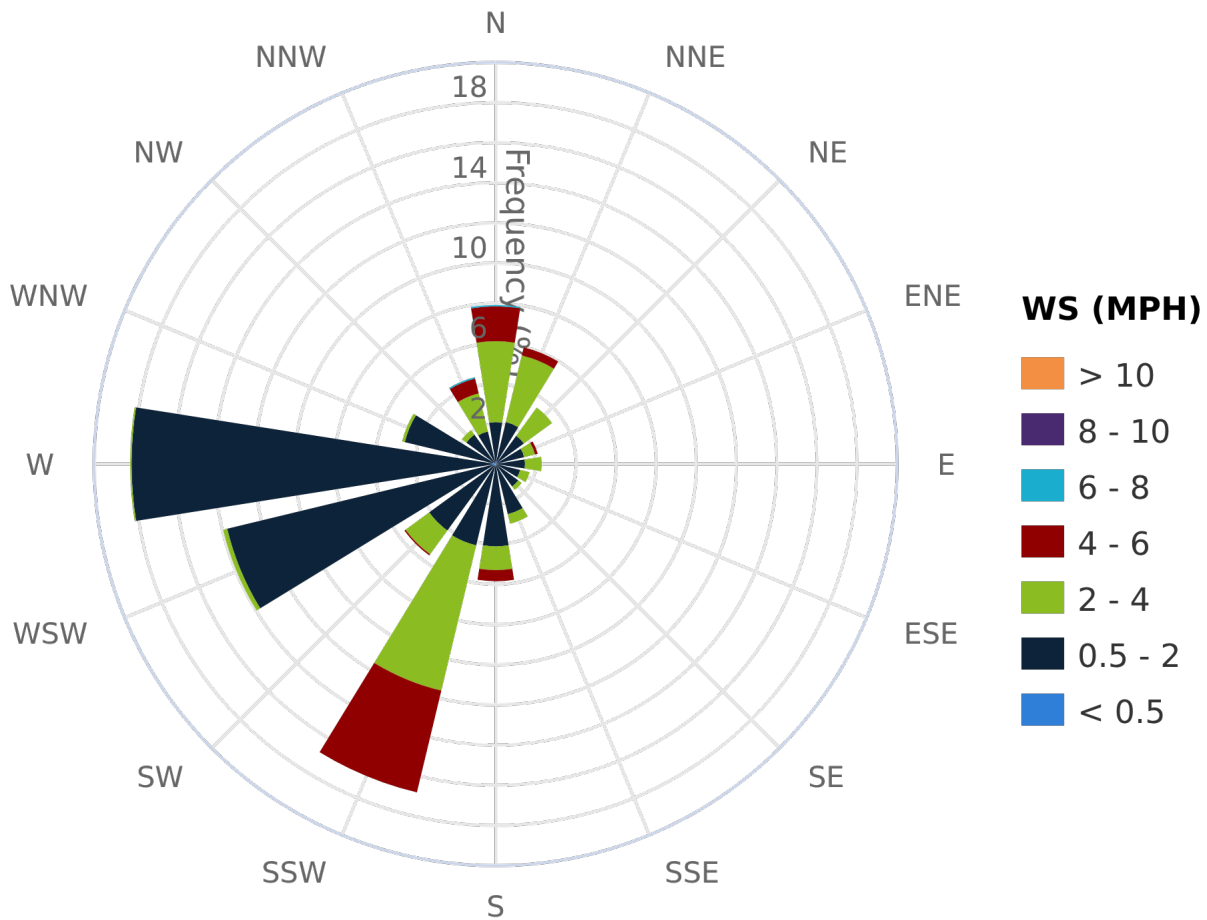


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

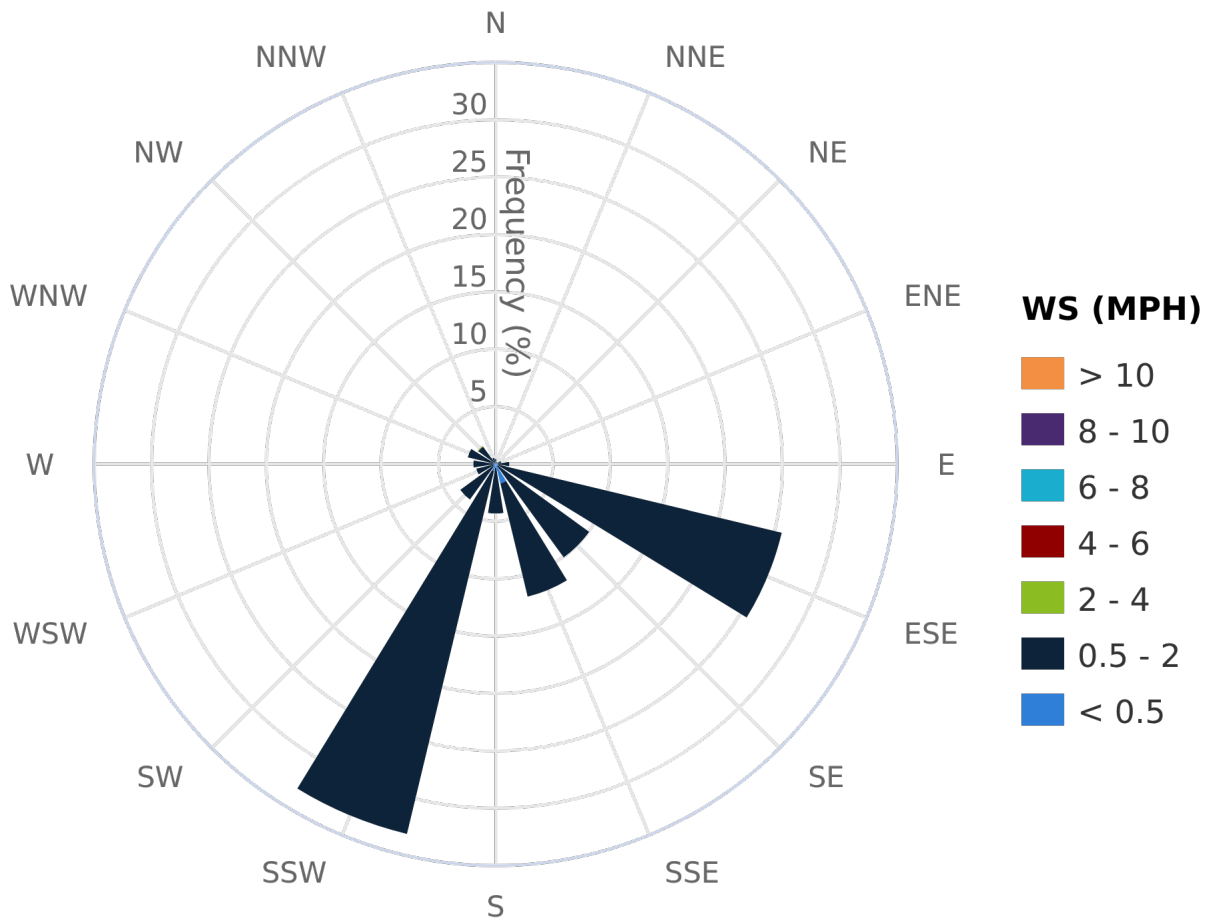


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

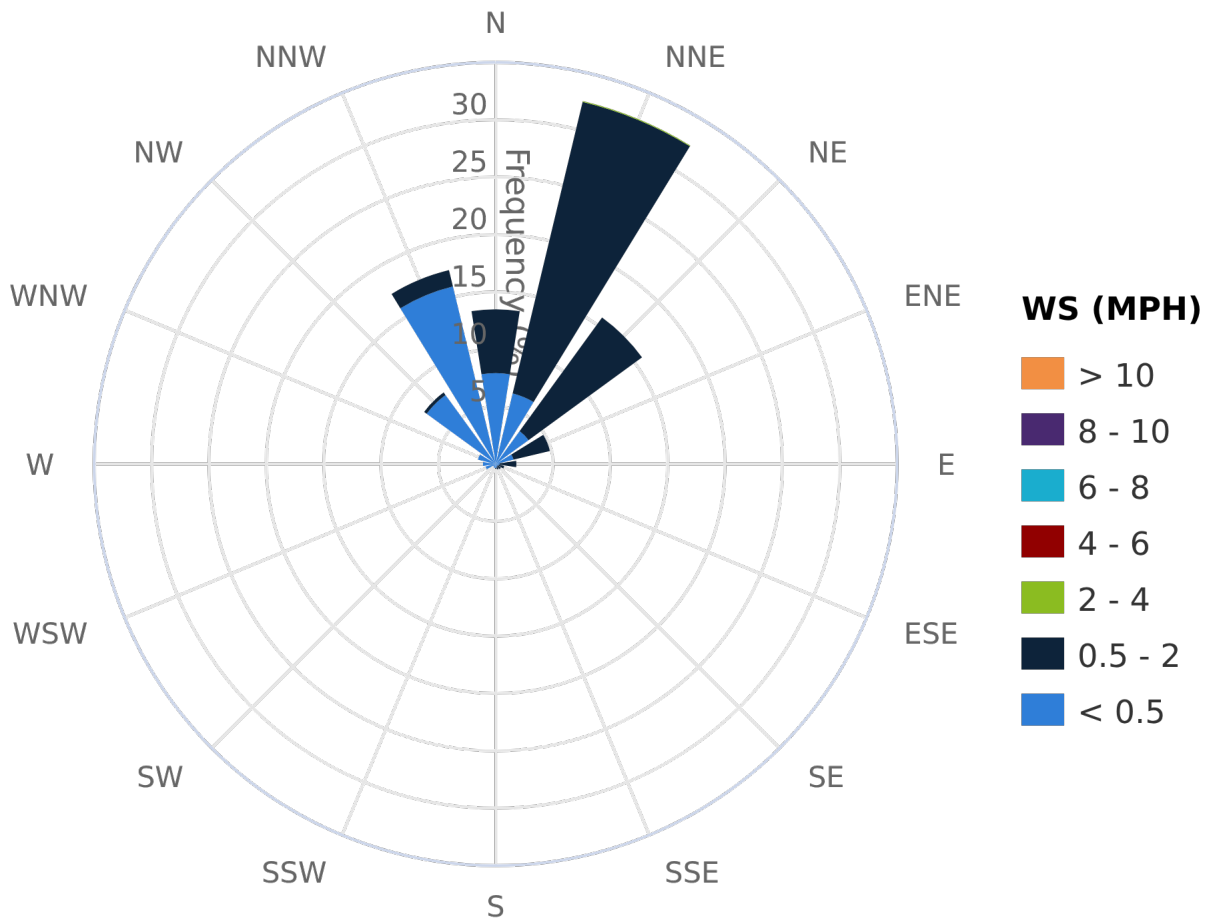


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.3	9.9	10.1	8.1	3.0	2.8	3.1	3.0	0.094	0.004	0.098	0.005
00:15:00	9.6	7.4	14.0	7.3	3.0	2.7	2.9	3.3	0.083	0.003	0.089	0.001
00:30:00	8.9	7.0	19.3	11.9	3.0	2.6	3.6	3.9	0.071	0.003	0.079	0.000
00:45:00	8.6	7.1	13.2	9.5	2.9	2.8	3.2	3.3	0.061	0.002	0.069	0.000
01:00:00	7.9	9.2	19.9	7.0	2.8	3.4	2.8	3.8	0.050	0.001	0.064	0.000
01:15:00	7.7	8.1	22.1	6.2	2.7	3.5	2.6	4.0	0.039	0.000	0.053	0.000
01:30:00	7.6	7.1	12.5	6.3	2.8	3.3	2.6	3.1	0.028	0.000	0.047	0.000
01:45:00	7.3	10.7	28.0	6.1	2.7	5.4	2.5	4.4	0.020	0.000	0.040	0.000
02:00:00	6.7	17.6	11.1	6.3	2.6	10.3	2.5	3.0	0.012	0.000	0.036	0.000
02:15:00	7.1	22.4	9.8	6.8	2.5	13.6	2.5	2.8	0.003	0.000	0.031	0.000
02:30:00	7.0	20.6	13.3	7.0	2.5	12.4	2.6	3.1	0.000	0.000	0.024	0.000
02:45:00	7.5	15.9	13.1	7.3	2.5	8.6	2.6	3.2	0.000	0.000	0.020	0.000
03:00:00	7.1	14.4	11.0	6.8	2.6	7.7	2.6	3.1	0.000	0.000	0.018	0.000
03:15:00	6.4	14.6	11.3	6.5	2.5	7.8	2.5	2.9	0.000	0.000	0.014	0.000
03:30:00	7.2	16.1	15.4	6.6	2.6	8.9	2.6	3.3	0.000	0.000	0.011	0.000
03:45:00	6.8	14.3	11.8	7.1	2.5	7.3	2.5	3.0	0.000	0.000	0.011	0.000
04:00:00	7.1	16.1	21.6	7.0	2.4	8.7	2.5	3.7	0.000	0.000	0.009	0.000
04:15:00	6.6	22.8	15.1	7.7	2.5	12.9	2.5	3.2	0.000	0.000	0.008	0.000
04:30:00	7.0	15.9	9.6	8.9	2.7	8.4	2.8	2.7	0.000	0.000	0.006	0.000
04:45:00	7.5	12.3	13.0	7.8	2.6	5.6	2.7	2.9	0.000	0.000	0.003	0.000
05:00:00	8.5	10.8	17.0	8.6	2.6	5.0	2.7	3.3	0.000	0.000	0.001	0.000
05:15:00	7.4	10.1	12.7	8.3	2.6	4.7	2.6	3.0	0.000	0.000	0.000	0.000
05:30:00	9.7	13.1	12.6	8.1	2.8	6.8	2.6	2.8	0.000	0.000	0.000	0.000
05:45:00	9.6	11.0	16.7	8.2	2.7	5.3	2.6	3.1	0.000	0.000	0.000	0.000
06:00:00	8.9	10.3	17.6	9.3	2.6	4.3	2.8	3.3	0.000	0.000	0.000	0.000
06:15:00	8.9	10.2	11.3	24.6	2.7	4.2	5.4	2.9	0.000	0.000	0.000	0.000
06:30:00	9.6	10.6	12.7	10.2	2.9	5.0	3.2	3.3	0.000	0.000	0.000	0.000
06:45:00	10.4	9.6	12.7	7.4	3.2	4.4	2.8	3.3	0.000	0.000	0.000	0.000
07:00:00	59.4	10.4	12.9	7.7	8.1	4.6	2.8	3.4	0.000	0.000	0.000	0.000
07:15:00	64.3	9.7	12.3	8.1	9.7	4.2	2.8	3.4	0.000	0.000	0.000	0.000
07:30:00	144.1	9.2	25.3	8.3	18.6	3.6	3.1	4.5	0.000	0.000	0.000	0.000
07:45:00	58.7	8.7	14.7	9.5	9.9	3.4	3.4	3.9	0.000	0.000	0.000	0.000
08:00:00	37.7	8.8	15.2	9.8	7.3	3.4	3.5	4.0	0.000	0.000	0.000	0.000
08:15:00	8.9	7.9	15.6	7.6	3.4	3.1	3.2	4.0	0.000	0.000	0.000	0.000
08:30:00	9.8	7.9	13.2	10.4	3.7	3.1	4.1	4.3	0.000	0.001	0.000	0.000
08:45:00	14.6	7.6	12.2	9.8	4.7	3.2	4.0	4.5	0.000	0.001	0.000	0.000
09:00:00	11.0	8.0	10.0	9.0	4.0	3.2	3.7	4.0	0.000	0.001	0.000	0.000
09:15:00	9.9	8.1	10.1	8.7	4.0	3.5	3.7	4.1	0.000	0.000	0.000	0.000
09:30:00	10.0	8.2	9.6	8.7	4.1	3.6	3.8	4.0	0.000	0.000	0.000	0.000
09:45:00	10.1	8.4	10.2	9.8	4.2	3.6	4.1	4.3	0.000	0.000	0.000	0.000
10:00:00	10.2	8.5	9.3	9.1	4.3	3.8	4.2	4.2	0.000	0.000	0.000	0.000
10:15:00	10.0	8.5	9.0	9.0	4.5	3.9	4.4	4.1	0.001	0.000	0.000	0.000
10:30:00	10.1	8.8	10.9	9.5	4.4	3.9	4.4	4.5	0.000	0.000	0.000	0.000
10:45:00	10.2	7.9	12.2	10.1	4.4	3.6	4.4	4.6	0.002	0.000	0.000	0.000
11:00:00	10.8	9.2	10.0	9.8	4.6	4.2	4.4	4.2	0.000	0.000	0.000	0.004
11:15:00	10.0	10.1	9.7	8.8	4.2	4.8	3.9	4.0	0.000	0.000	0.000	0.012
11:30:00	10.5	9.3	10.2	7.8	3.9	4.0	3.4	3.6	0.000	0.000	0.000	0.006
11:45:00	19.8	9.1	11.2	9.1	4.8	3.9	4.0	4.2	0.000	0.000	0.000	0.004



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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	10.9	9.0	10.4	10.3	4.2	3.8	4.2	4.2	0.000	0.000	0.000	0.003
12:15:00	10.5	10.2	11.3	9.6	4.3	4.2	4.4	4.4	0.000	0.000	0.000	0.000
12:30:00	12.2	11.5	12.3	9.9	5.0	5.1	4.6	5.0	0.000	0.000	0.000	0.000
12:45:00	12.2	12.0	12.5	11.0	5.6	5.6	5.6	5.7	0.000	0.000	0.000	0.000
13:00:00	35.5	11.6	11.3	12.2	8.3	5.6	6.1	5.7	0.000	0.000	0.000	0.000
13:15:00	11.6	11.5	12.5	11.7	5.6	5.9	6.0	5.4	0.000	0.000	0.000	0.000
13:30:00	12.5	11.7	13.2	11.7	5.6	5.7	5.7	5.6	0.000	0.000	0.000	0.000
13:45:00	26.7	11.5	12.1	11.2	7.5	5.6	5.7	5.6	0.000	0.000	0.000	0.000
14:00:00	20.5	11.1	11.3	11.2	6.7	5.5	5.8	5.6	0.000	0.000	0.000	0.000
14:15:00	11.2	11.5	11.0	11.0	5.5	5.7	5.8	5.4	0.000	0.000	0.000	0.000
14:30:00	11.1	11.4	12.3	10.7	5.4	6.1	5.6	5.5	0.000	0.000	0.000	0.000
14:45:00	11.3	12.7	10.3	11.2	5.4	7.8	5.7	5.3	0.000	0.000	0.000	0.000
15:00:00	10.6	13.6	9.9	10.3	5.3	8.4	5.6	5.3	0.000	0.000	0.000	0.000
15:15:00	19.3	21.8	9.6	9.8	6.1	16.4	5.3	5.1	0.000	0.000	0.000	0.000
15:30:00	10.4	18.4	11.7	9.7	5.1	12.9	5.4	5.4	0.000	0.000	0.000	0.000
15:45:00	10.8	13.6	10.6	10.5	5.2	8.3	5.5	5.3	0.000	0.000	0.000	0.000
16:00:00	10.4	18.1	11.9	9.7	5.0	12.3	5.2	5.3	0.000	0.000	0.000	0.000
16:15:00	11.0	13.0	12.1	10.1	5.2	7.7	5.2	5.4	0.000	0.000	0.000	0.000
16:30:00	18.2	11.0	10.9	10.4	5.9	5.7	5.4	5.3	0.000	0.000	0.000	0.000
16:45:00	34.0	11.1	12.5	10.5	8.3	5.6	5.4	5.4	0.000	0.000	0.000	0.000
17:00:00	12.7	13.1	11.6	10.6	5.4	7.1	5.3	5.2	0.000	0.000	0.000	0.000
17:15:00	15.2	15.6	12.8	11.3	5.6	9.2	5.3	5.2	0.000	0.000	0.000	0.000
17:30:00	12.3	14.1	12.6	10.9	5.2	7.7	5.4	5.3	0.000	0.000	0.000	0.000
17:45:00	14.2	12.1	12.5	11.3	5.5	5.9	5.5	5.5	0.000	0.000	0.000	0.000
18:00:00	12.5	12.7	12.1	11.3	5.3	6.1	5.4	5.3	0.000	0.000	0.000	0.000
18:15:00	12.1	11.1	12.5	11.1	5.0	5.0	5.2	4.9	0.000	0.001	0.000	0.000
18:30:00	12.2	10.8	10.8	10.6	4.8	4.8	4.8	4.6	0.000	0.000	0.000	0.000
18:45:00	10.5	11.9	10.8	9.7	4.6	6.2	4.6	4.6	0.000	0.001	0.000	0.000
19:00:00	10.0	10.1	10.1	8.9	4.2	5.1	4.3	4.4	0.000	0.000	0.000	0.000
19:15:00	9.4	9.6	11.7	8.3	4.0	4.8	3.9	4.1	0.000	0.000	0.000	0.000
19:30:00	16.7	8.5	13.2	8.3	5.0	3.9	3.7	4.0	0.000	0.000	0.000	0.000
19:45:00	9.6	8.1	13.9	8.3	3.9	3.5	3.8	4.0	0.000	0.000	0.000	0.000
20:00:00	8.5	7.6	11.4	7.5	3.6	3.3	3.4	3.9	0.000	0.000	0.000	0.000
20:15:00	11.0	7.2	18.0	7.4	5.9	3.2	3.3	4.3	0.000	0.000	0.000	0.000
20:30:00	16.0	7.0	31.1	7.6	10.6	3.2	3.3	5.4	0.000	0.000	0.002	0.005
20:45:00	13.8	7.3	31.4	8.1	7.8	3.2	3.6	5.4	0.022	0.001	0.020	0.013
21:00:00	9.5	7.4	32.9	8.6	4.2	3.3	4.0	5.6	0.041	0.004	0.039	0.016
21:15:00	10.4	7.5	33.1	7.9	4.7	3.2	3.6	5.5	0.061	0.006	0.055	0.019
21:30:00	9.9	7.6	20.6	7.6	4.4	3.3	3.4	5.1	0.077	0.006	0.070	0.023
21:45:00	10.4	9.6	42.6	7.6	4.1	4.8	3.3	6.3	0.088	0.007	0.075	0.024
22:00:00	9.4	10.2	19.4	7.7	3.6	5.2	3.2	4.4	0.095	0.009	0.079	0.019
22:15:00	8.5	8.9	64.2	7.5	3.4	4.3	3.2	7.4	0.090	0.008	0.080	0.020
22:30:00	8.5	8.7	25.9	7.4	3.2	3.9	3.2	4.6	0.092	0.008	0.079	0.018
22:45:00	8.6	8.6	27.0	8.0	3.2	3.6	3.3	4.7	0.099	0.008	0.080	0.016
23:00:00	8.3	8.3	31.4	7.6	3.2	3.4	3.1	4.9	0.104	0.008	0.084	0.013
23:15:00	8.5	8.8	14.4	7.5	3.4	3.4	3.2	3.8	0.107	0.008	0.084	0.012
23:30:00	9.0	8.8	25.4	7.8	3.5	3.5	3.3	4.5	0.104	0.007	0.081	0.009
23:45:00	9.2	8.5	23.2	8.2	3.6	3.5	3.4	4.3	0.101	0.007	0.076	0.006



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

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