



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-03

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.313 to 10.223	2943 ESE	3061 N	2996 ESE	2997 NNE	Min : 64.58 Max : 92.48	Min : 36.70 Max : 84.90	Min : 30.01 Max : 30.22

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	21.2	31.9	8.8	15.0	0.008	0.063	
2996	19.1	30.3	8.5	14.5	0.007	0.066	
2997	19.2	31.9	8.1	13.8	0.004	0.025	
3061	19.4	33.0	8.3	14.2	0.001	0.005	



Figure 1 : Monitoring Locations

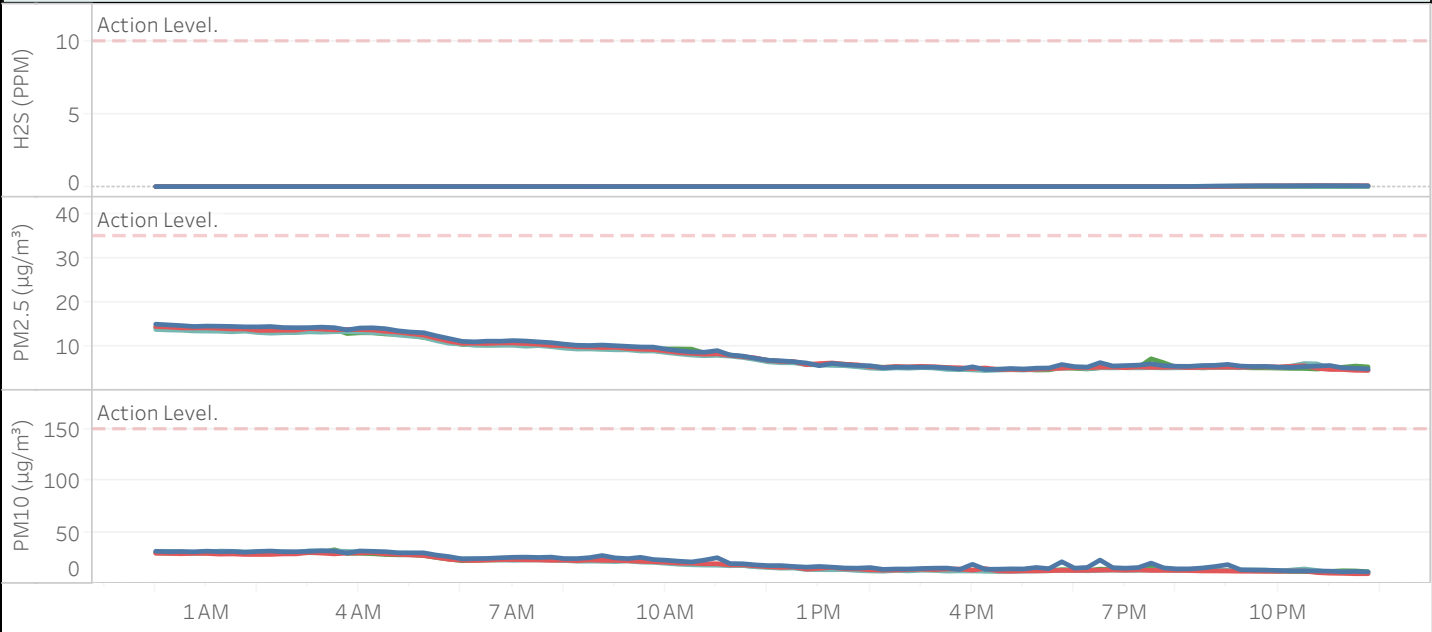


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

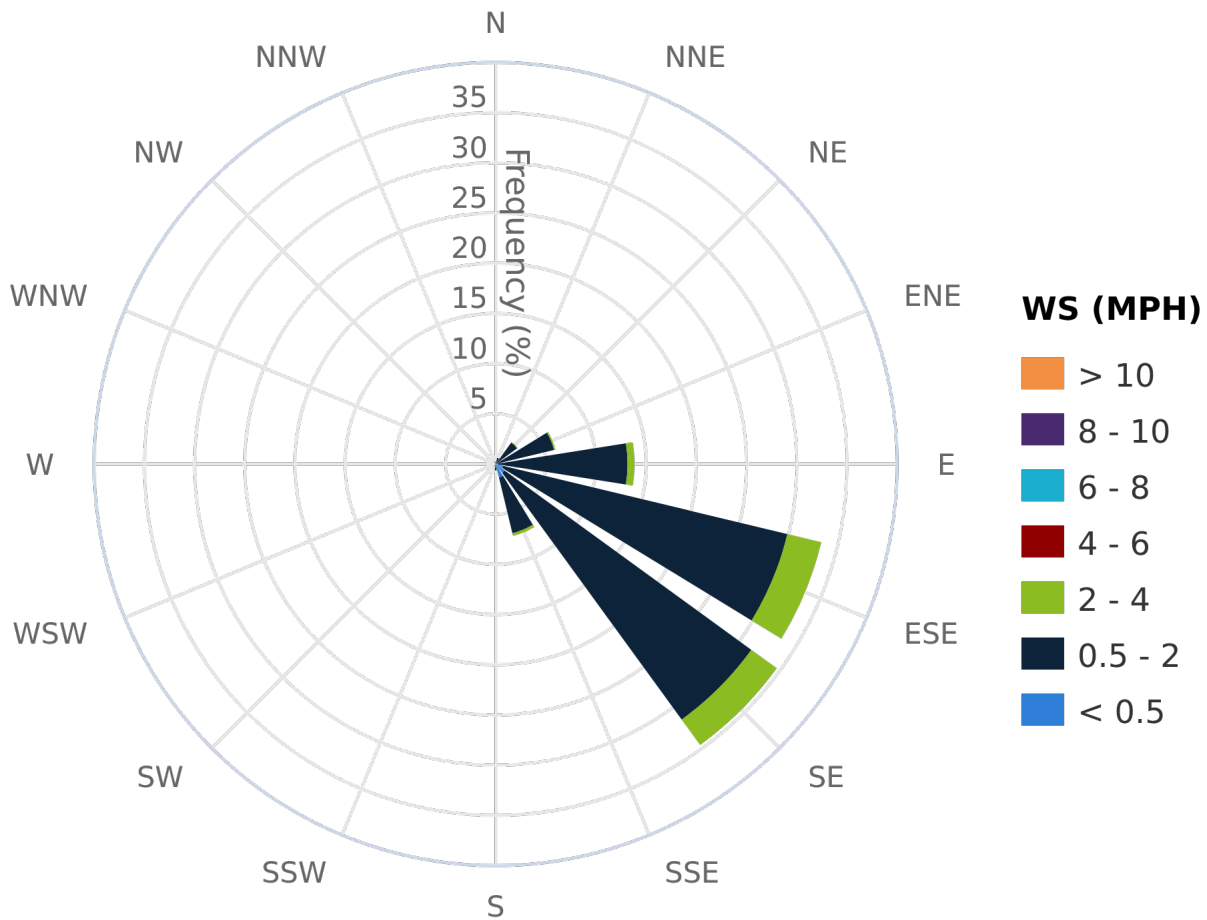


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

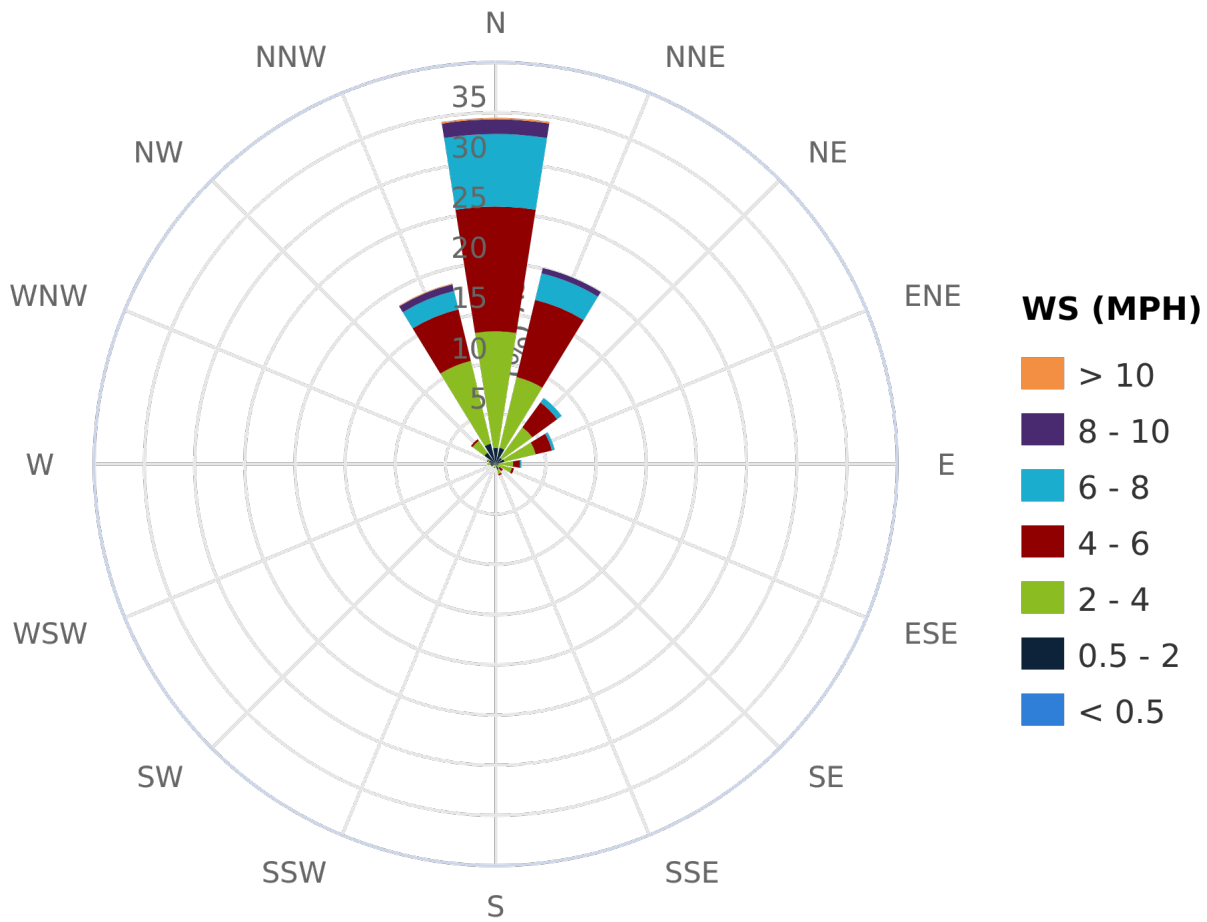


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

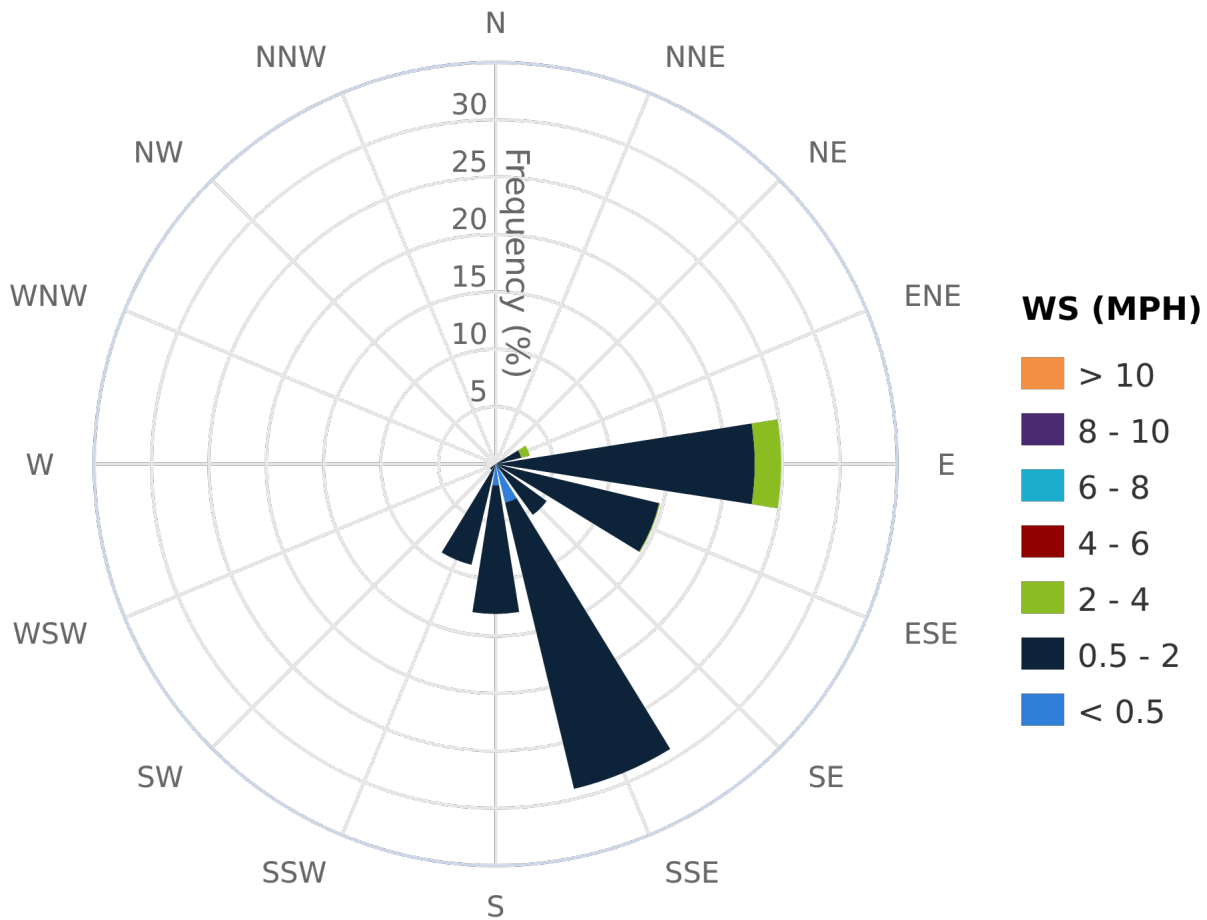


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

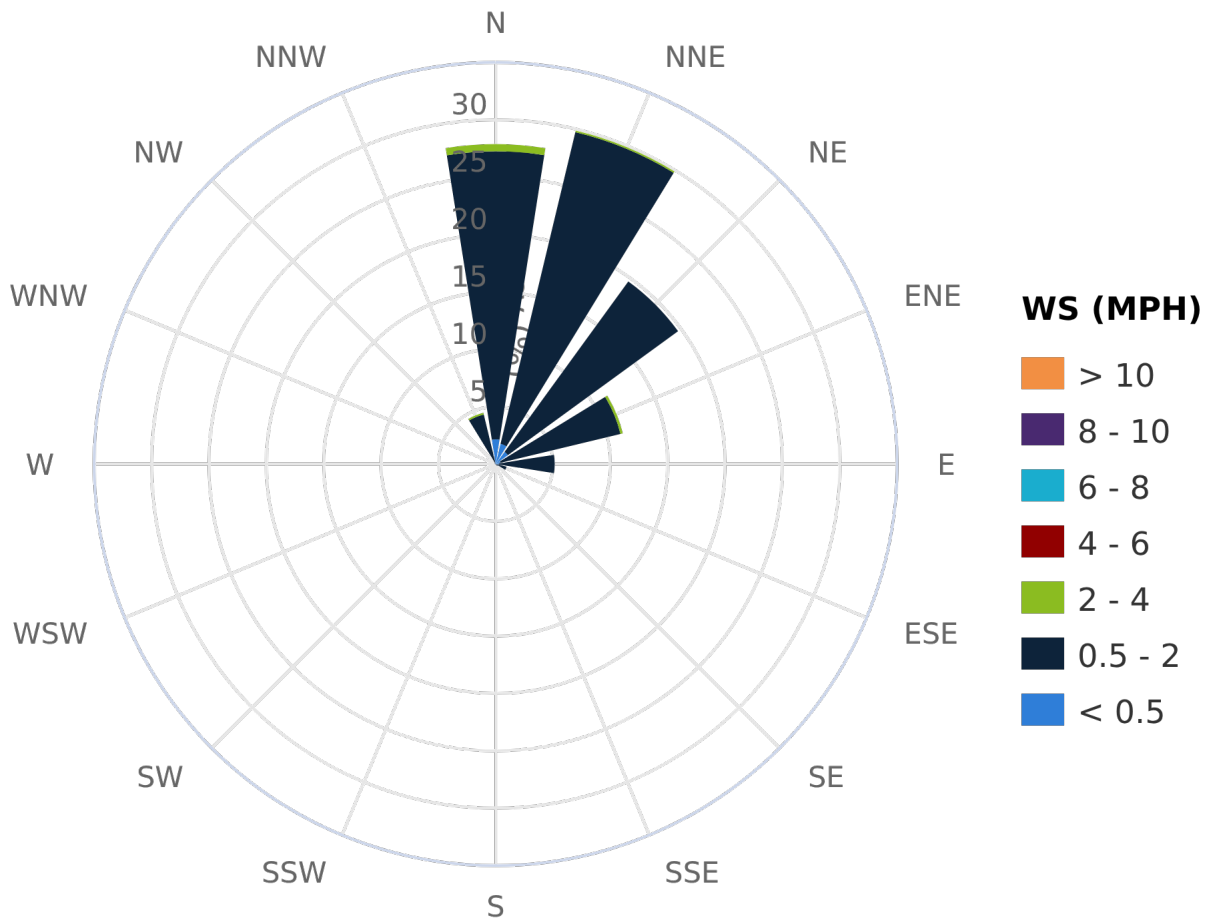


Figure 3 : Wind Rose Chart (WS in MPH)



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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	31.5	29.9	30.7	29.5	15.0	14.2	14.5	13.8	0.000	0.000	0.000	0.000
00:15:00	31.1	29.6	31.4	29.4	14.9	14.1	14.4	13.7	0.000	0.000	0.000	0.000
00:30:00	31.2	29.4	31.1	29.1	14.7	13.9	14.2	13.6	0.000	0.000	0.000	0.000
00:45:00	31.0	29.6	29.7	29.5	14.5	14.0	14.2	13.5	0.001	0.000	0.000	0.000
01:00:00	31.6	29.9	30.2	29.4	14.6	14.0	14.2	13.5	0.000	0.000	0.000	0.000
01:15:00	31.1	29.3	31.6	28.7	14.6	13.7	14.1	13.4	0.000	0.000	0.000	0.000
01:30:00	31.3	29.3	31.4	28.9	14.5	13.7	13.9	13.3	0.000	0.000	0.000	0.000
01:45:00	30.6	29.9	30.8	28.4	14.4	13.7	13.9	13.4	0.000	0.000	0.000	0.000
02:00:00	31.3	29.4	30.9	28.4	14.4	13.5	13.6	13.1	0.000	0.000	0.000	0.000
02:15:00	31.7	29.7	30.4	28.4	14.5	13.6	13.6	13.0	0.000	0.000	0.000	0.000
02:30:00	31.0	29.5	31.0	28.9	14.3	13.4	13.7	13.1	0.000	0.000	0.000	0.000
02:45:00	31.1	30.0	30.3	28.9	14.2	13.5	13.7	13.1	0.000	0.000	0.000	0.000
03:00:00	31.4	30.1	31.9	30.3	14.2	13.4	14.0	13.3	0.000	0.000	0.000	0.000
03:15:00	31.9	30.1	31.9	29.7	14.3	13.4	13.9	13.2	0.000	0.000	0.000	0.000
03:30:00	31.6	33.0	31.7	28.9	14.2	13.9	13.8	13.3	0.001	0.000	0.000	0.000
03:45:00	29.7	29.4	31.4	29.7	13.7	12.9	13.8	13.4	0.000	0.000	0.000	0.000
04:00:00	31.8	29.5	30.9	29.8	14.2	13.1	13.8	13.2	0.000	0.000	0.000	0.000
04:15:00	31.4	29.1	30.2	30.2	14.2	13.1	13.7	13.1	0.000	0.000	0.000	0.000
04:30:00	31.1	28.4	30.2	28.9	14.0	12.8	13.4	12.9	0.000	0.000	0.000	0.000
04:45:00	30.0	28.0	29.0	28.4	13.5	12.7	13.2	12.6	0.000	0.000	0.000	0.000
05:00:00	30.0	28.1	28.6	27.9	13.2	12.5	12.9	12.3	0.001	0.000	0.000	0.003
05:15:00	29.9	27.3	28.5	27.4	13.1	12.0	12.5	12.1	0.000	0.000	0.000	0.005
05:30:00	27.8	25.4	25.7	25.5	12.4	11.5	11.8	11.3	0.002	0.000	0.000	0.006
05:45:00	26.3	23.8	24.4	23.6	11.8	11.0	11.2	10.7	0.002	0.000	0.000	0.007
06:00:00	24.1	22.3	24.3	22.8	11.1	10.4	10.7	10.5	0.003	0.000	0.000	0.008
06:15:00	24.4	22.7	23.9	22.6	11.0	10.4	10.7	10.3	0.001	0.000	0.000	0.007
06:30:00	24.6	22.9	23.4	22.9	11.2	10.4	10.6	10.2	0.004	0.000	0.000	0.005
06:45:00	25.2	23.1	23.1	23.4	11.2	10.4	10.8	10.2	0.003	0.000	0.000	0.005
07:00:00	25.7	23.7	22.7	23.4	11.3	10.6	10.8	10.3	0.001	0.000	0.000	0.003
07:15:00	25.8	24.2	23.0	23.2	11.2	10.6	10.6	10.0	0.000	0.000	0.000	0.003
07:30:00	25.5	23.6	23.0	23.1	11.0	10.4	10.5	10.2	0.001	0.001	0.000	0.002
07:45:00	25.8	23.3	22.8	22.7	10.8	10.1	10.2	9.9	0.000	0.000	0.000	0.002
08:00:00	24.4	22.5	22.6	22.9	10.5	9.8	10.2	9.6	0.002	0.000	0.000	0.004
08:15:00	24.4	22.6	21.8	22.3	10.3	9.6	9.9	9.4	0.002	0.000	0.000	0.004
08:30:00	25.3	22.7	21.9	23.0	10.2	9.5	9.9	9.4	0.002	0.001	0.000	0.004
08:45:00	27.3	22.2	21.8	22.7	10.3	9.4	9.7	9.3	0.002	0.001	0.000	0.006
09:00:00	25.1	22.5	21.4	22.6	10.2	9.4	9.8	9.2	0.000	0.001	0.000	0.008
09:15:00	24.3	22.3	22.1	22.3	10.0	9.3	9.5	9.2	0.002	0.000	0.000	0.007
09:30:00	25.6	21.9	21.0	21.8	9.9	9.3	9.4	9.0	0.000	0.000	0.000	0.008
09:45:00	23.5	21.5	20.7	21.4	9.8	9.3	9.3	9.0	0.000	0.000	0.000	0.010
10:00:00	22.8	21.1	19.8	20.8	9.4	9.4	9.0	8.6	0.000	0.000	0.000	0.006
10:15:00	21.9	20.9	18.9	20.0	9.0	9.4	8.6	8.3	0.000	0.000	0.000	0.005
10:30:00	21.1	20.6	18.4	19.9	8.8	9.4	8.4	8.0	0.000	0.000	0.000	0.003
10:45:00	22.9	18.8	18.1	19.4	8.7	8.5	8.2	7.9	0.000	0.000	0.000	0.000
11:00:00	25.2	18.6	18.0	19.4	9.0	8.3	8.3	8.0	0.000	0.000	0.000	0.000
11:15:00	19.6	18.3	17.5	18.2	8.1	8.0	8.0	7.8	0.000	0.000	0.000	0.000
11:30:00	19.4	17.7	17.8	18.3	7.8	7.7	7.7	7.5	0.000	0.000	0.000	0.000
11:45:00	18.3	16.9	16.4	17.3	7.3	7.2	7.4	7.0	0.000	0.000	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	17.6	16.4	15.7	16.5	6.9	6.9	6.8	6.5	0.000	0.000	0.000	0.000
12:15:00	17.6	16.4	15.1	15.9	6.7	6.6	6.6	6.3	0.000	0.000	0.000	0.000
12:30:00	16.8	15.9	15.2	16.2	6.5	6.4	6.6	6.3	0.000	0.000	0.000	0.000
12:45:00	16.1	14.7	13.8	14.2	6.2	6.0	5.9	5.9	0.000	0.000	0.000	0.000
13:00:00	16.8	14.1	13.7	15.0	5.6	5.9	6.1	5.8	0.000	0.000	0.000	0.000
13:15:00	16.1	14.9	13.6	15.8	6.1	6.1	6.3	5.7	0.000	0.000	0.000	0.000
13:30:00	15.3	14.9	13.7	14.5	5.9	6.0	6.0	5.6	0.000	0.000	0.000	0.000
13:45:00	15.1	14.1	12.8	14.4	5.7	5.6	5.8	5.4	0.000	0.000	0.000	0.000
14:00:00	15.7	13.8	12.4	13.5	5.6	5.4	5.4	5.1	0.000	0.000	0.000	0.000
14:15:00	13.9	13.7	12.1	13.2	5.2	5.3	5.3	5.0	0.000	0.000	0.000	0.000
14:30:00	14.3	14.0	12.9	13.3	5.3	5.3	5.5	5.1	0.000	0.000	0.000	0.000
14:45:00	14.3	13.9	12.4	13.8	5.3	5.3	5.4	5.1	0.000	0.000	0.000	0.000
15:00:00	14.8	14.0	13.1	14.1	5.3	5.3	5.5	5.2	0.000	0.000	0.000	0.000
15:15:00	15.1	13.4	12.9	13.8	5.3	5.2	5.4	5.1	0.000	0.000	0.000	0.000
15:30:00	15.2	13.4	12.2	14.3	5.1	5.1	5.2	4.8	0.000	0.000	0.000	0.000
15:45:00	13.8	12.8	12.4	14.3	4.9	4.8	5.2	4.8	0.000	0.000	0.000	0.000
16:00:00	18.9	13.2	12.4	13.2	5.4	5.0	5.0	4.7	0.000	0.000	0.000	0.000
16:15:00	14.0	12.5	12.2	14.7	4.8	4.8	5.1	4.5	0.000	0.000	0.000	0.000
16:30:00	14.1	12.5	11.9	12.5	4.8	4.8	4.8	4.6	0.000	0.000	0.000	0.000
16:45:00	14.4	12.8	11.9	12.2	5.0	4.8	4.8	4.7	0.000	0.000	0.000	0.000
17:00:00	14.4	12.9	12.2	12.5	4.9	4.8	4.8	4.6	0.000	0.000	0.000	0.000
17:15:00	15.8	12.8	12.4	12.5	5.1	4.6	4.8	4.8	0.000	0.000	0.000	0.000
17:30:00	14.7	12.8	12.6	12.7	5.1	4.7	4.9	4.9	0.000	0.000	0.000	0.000
17:45:00	21.3	13.7	13.0	13.0	5.9	5.2	5.1	5.0	0.000	0.000	0.000	0.000
18:00:00	15.1	13.5	13.0	12.9	5.4	5.0	5.2	5.2	0.000	0.000	0.000	0.000
18:15:00	15.8	12.7	12.6	13.0	5.3	4.9	5.2	5.0	0.000	0.000	0.000	0.000
18:30:00	23.0	14.2	13.0	13.2	6.3	5.2	5.3	5.2	0.000	0.000	0.000	0.000
18:45:00	15.6	13.8	13.1	13.4	5.6	5.3	5.3	5.1	0.000	0.000	0.000	0.000
19:00:00	15.1	13.4	13.0	13.2	5.7	5.2	5.2	5.2	0.000	0.000	0.000	0.000
19:15:00	15.7	13.5	13.0	13.5	5.8	5.2	5.4	5.1	0.000	0.000	0.000	0.000
19:30:00	20.0	16.2	13.2	12.9	6.0	7.2	5.3	5.2	0.000	0.000	0.000	0.000
19:45:00	15.3	15.0	13.3	13.0	5.6	6.3	5.3	5.1	0.002	0.000	0.000	0.002
20:00:00	14.4	13.6	12.7	13.0	5.5	5.2	5.3	5.1	0.010	0.002	0.000	0.004
20:15:00	14.5	13.4	13.7	12.7	5.5	5.4	5.2	5.2	0.008	0.002	0.000	0.008
20:30:00	15.3	13.2	13.0	12.4	5.7	5.2	5.3	5.2	0.023	0.002	0.000	0.017
20:45:00	16.7	13.0	12.9	12.4	5.7	5.2	5.3	5.2	0.037	0.003	0.006	0.020
21:00:00	18.5	12.9	13.2	12.3	5.9	5.3	5.3	5.2	0.045	0.004	0.019	0.023
21:15:00	13.6	12.8	13.1	12.1	5.6	5.2	5.3	5.2	0.052	0.004	0.033	0.022
21:30:00	13.3	12.6	13.4	12.1	5.5	5.1	5.4	5.4	0.056	0.005	0.042	0.022
21:45:00	13.2	12.4	13.2	12.0	5.5	5.1	5.4	5.4	0.059	0.004	0.049	0.024
22:00:00	12.9	12.2	12.0	12.1	5.3	5.1	5.3	5.3	0.057	0.005	0.053	0.025
22:15:00	12.4	12.0	13.3	12.3	5.2	5.0	5.5	5.6	0.059	0.004	0.057	0.021
22:30:00	12.5	11.8	14.4	12.3	5.4	5.0	5.6	6.1	0.061	0.003	0.063	0.020
22:45:00	12.4	12.0	12.8	10.8	5.6	4.9	5.1	6.0	0.063	0.004	0.066	0.020
23:00:00	12.2	12.0	11.2	10.2	5.7	5.1	4.8	5.1	0.063	0.004	0.065	0.017
23:15:00	11.6	12.6	11.4	10.1	5.2	5.3	4.8	5.0	0.059	0.003	0.065	0.016
23:30:00	11.9	12.4	11.1	9.7	5.1	5.6	4.6	4.9	0.058	0.003	0.064	0.013
23:45:00	11.5	11.6	10.6	9.7	4.9	5.4	4.6	4.6	0.052	0.002	0.061	0.009



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

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