



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-08

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 5.413	2943 SSE	3061 SSW	2996 WSW	2997 N	Min : 72.86 Max : 105.8	Min : 39.50 Max : 88.40	Min : 26.58 Max : 30.24

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)
2943	7.9	21.4	3.0	5.0	0.027	0.160
2996	6.8	13.8	3.0	4.6	0.021	0.161
2997	11.9	33.9	3.4	7.1	0.010	0.063
3061	6.7	10.1	2.7	3.5	0.004	0.027

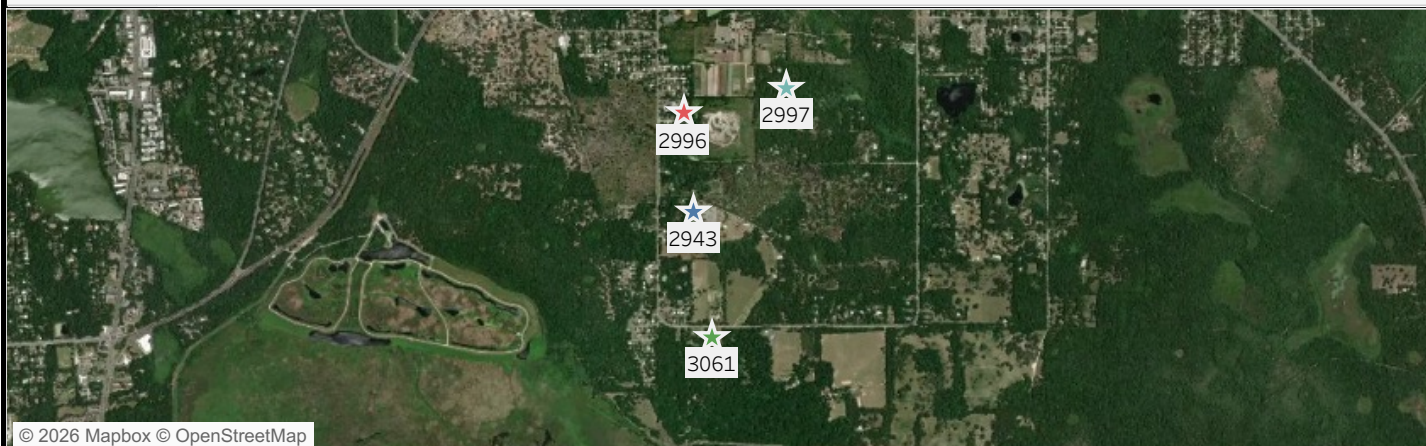
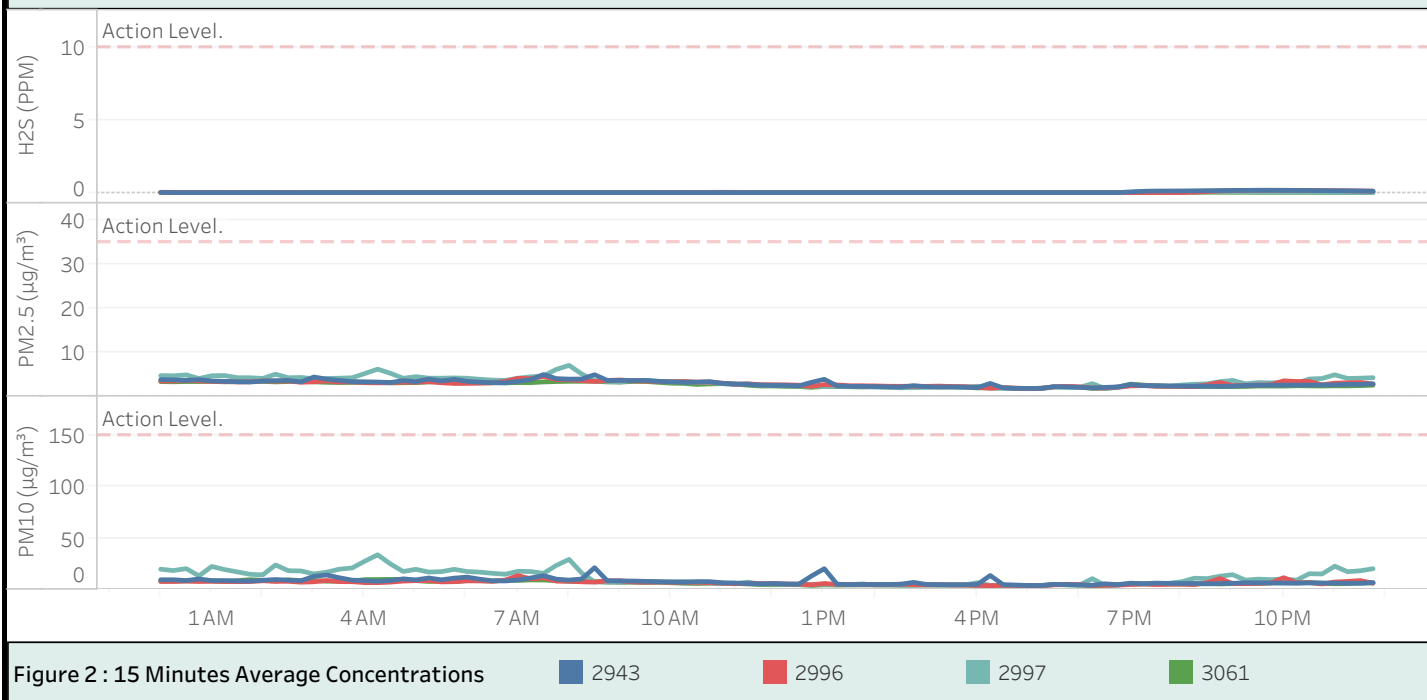


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

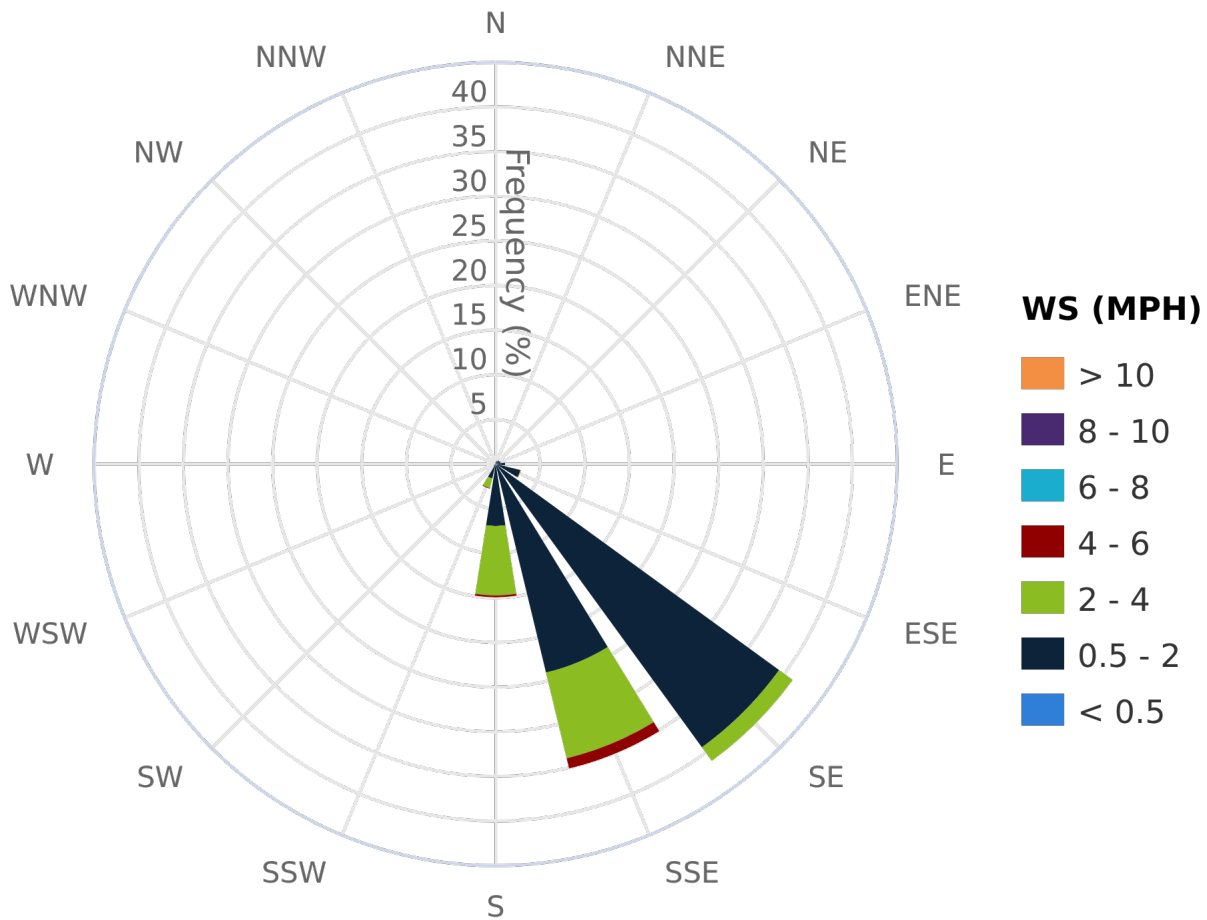


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-08

Wind Rose Chart 3061

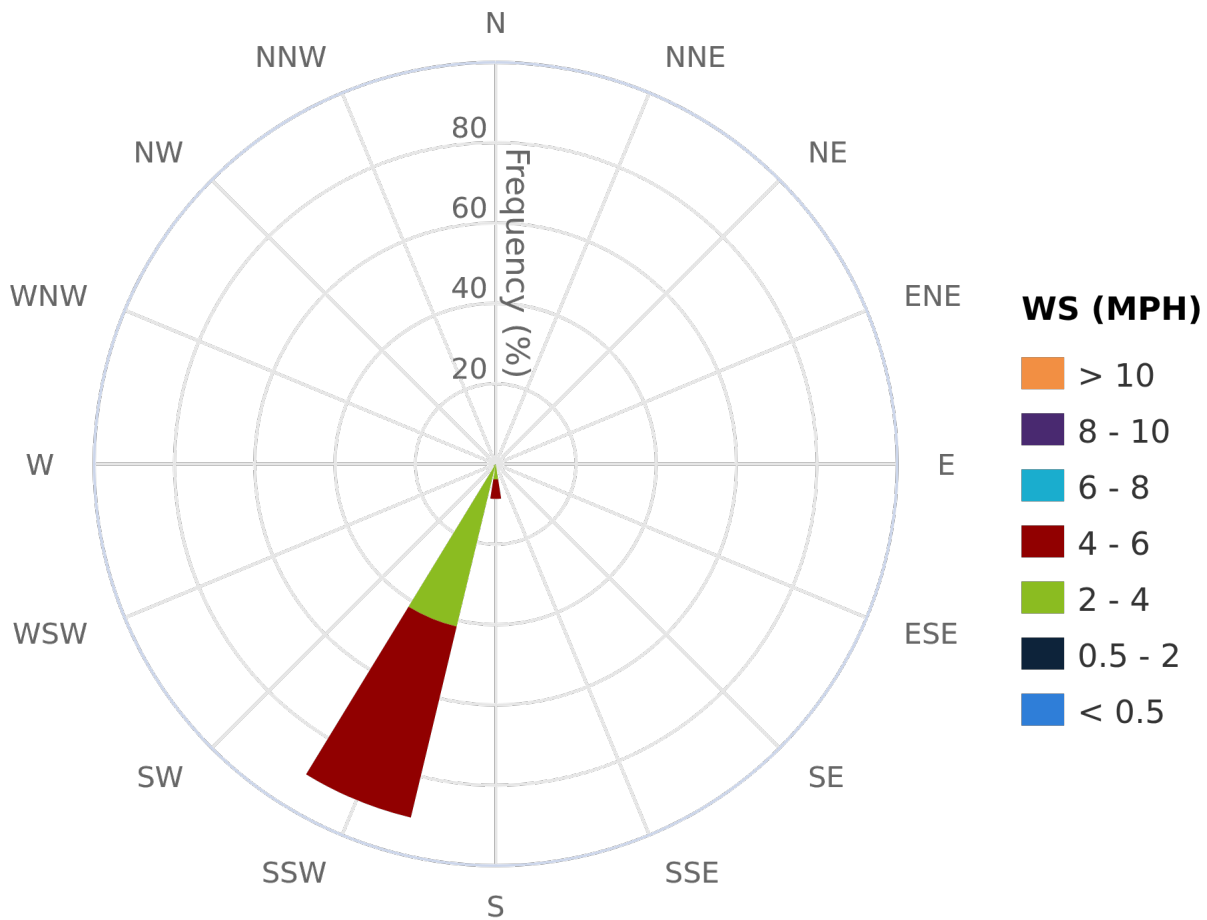


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

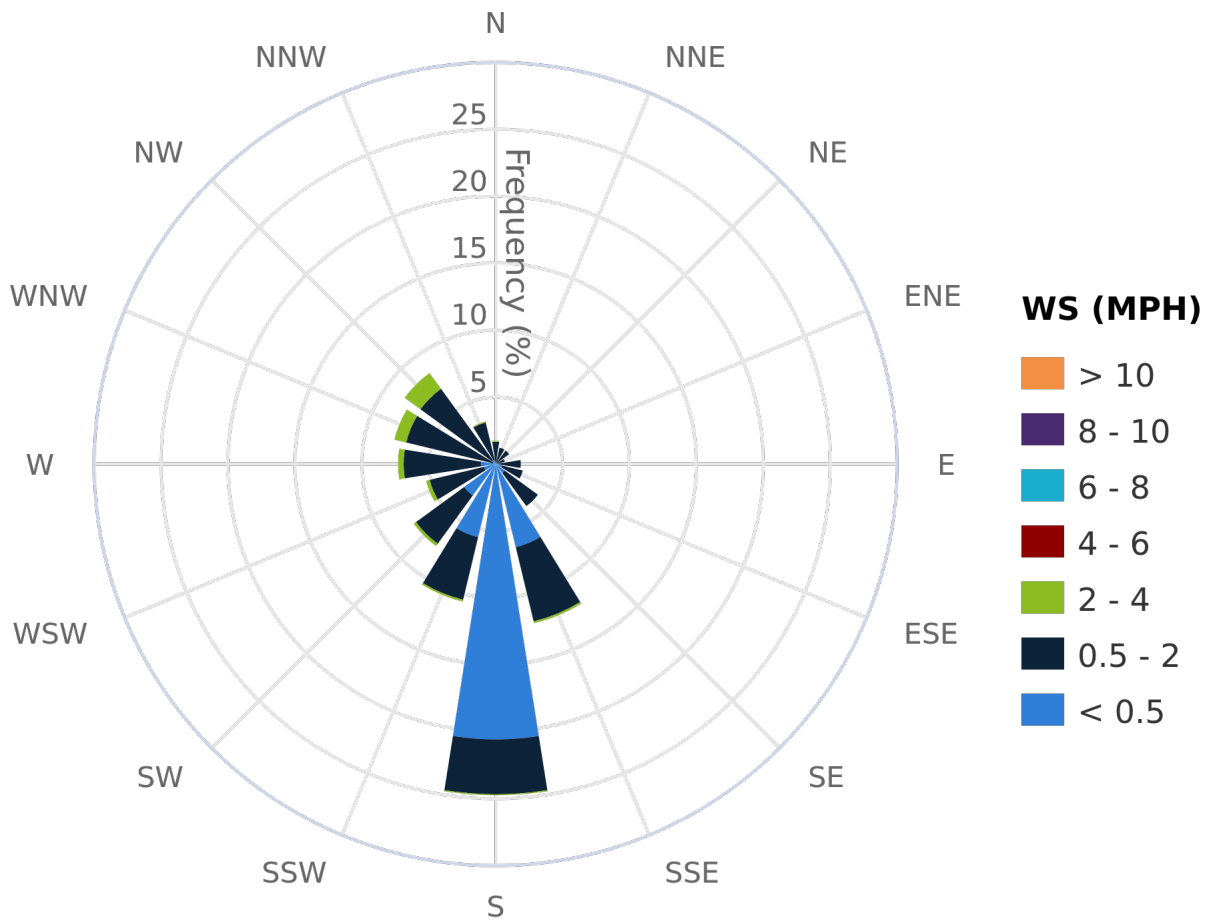


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-07-08

Wind Rose Chart 2997

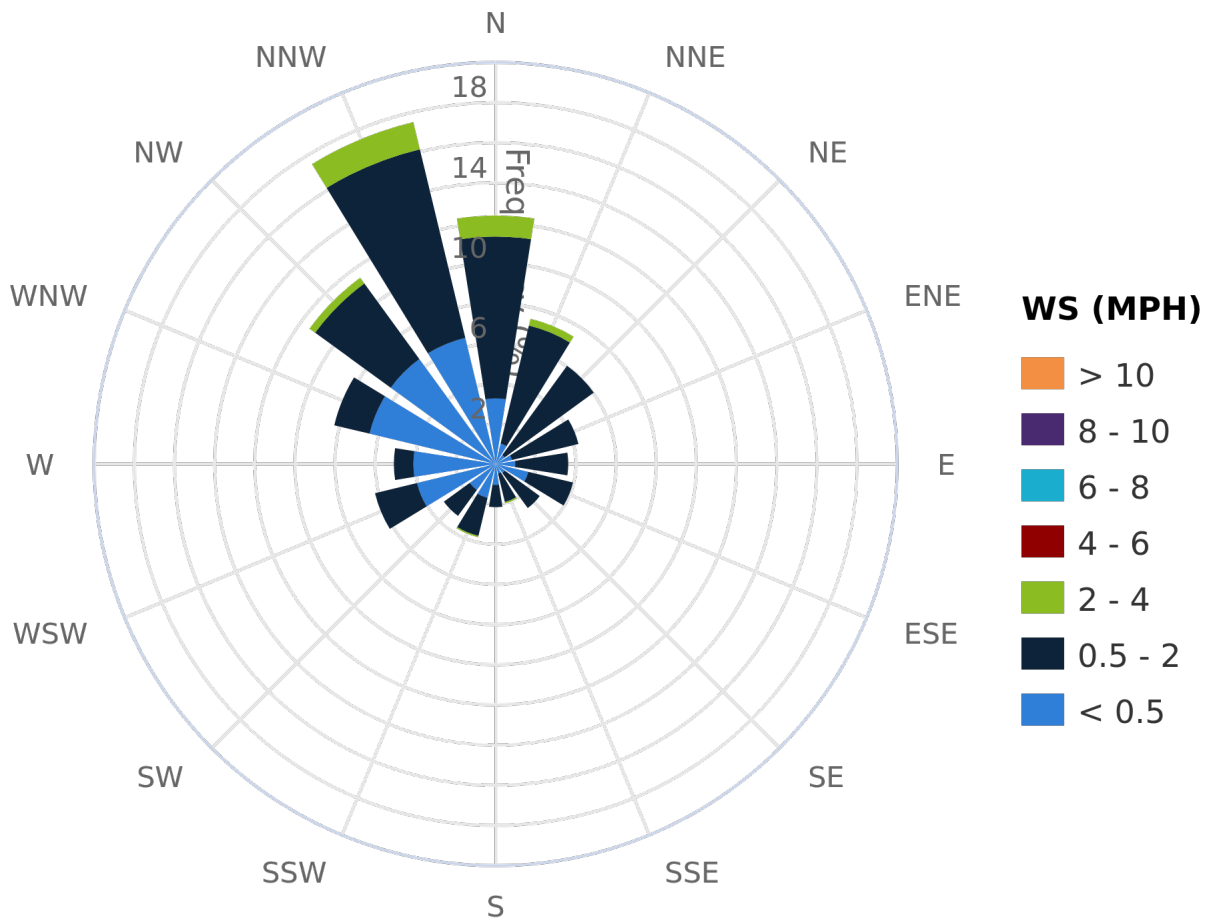


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.7	8.4	19.9	8.0	3.9	3.4	3.5	4.8	0.008	0.000	0.023	0.000
00:15:00	9.7	8.2	18.6	8.1	3.8	3.3	3.6	4.7	0.004	0.000	0.019	0.000
00:30:00	8.9	8.6	20.5	8.4	3.7	3.4	3.6	4.9	0.000	0.000	0.016	0.000
00:45:00	10.5	8.7	13.4	8.0	3.8	3.4	3.6	4.1	0.000	0.000	0.011	0.000
01:00:00	8.9	8.6	22.6	8.2	3.6	3.5	3.4	4.7	0.000	0.000	0.010	0.000
01:15:00	8.9	8.0	19.6	7.9	3.5	3.3	3.4	4.8	0.000	0.000	0.006	0.000
01:30:00	8.6	8.8	17.3	7.8	3.4	3.4	3.3	4.3	0.000	0.000	0.005	0.000
01:45:00	8.4	9.8	15.0	7.9	3.3	3.5	3.4	4.3	0.000	0.000	0.003	0.000
02:00:00	9.2	9.2	14.4	8.7	3.5	3.4	3.6	4.1	0.000	0.000	0.001	0.000
02:15:00	9.9	8.4	24.0	8.1	3.6	3.3	3.5	5.1	0.000	0.000	0.000	0.000
02:30:00	9.3	9.6	18.4	8.2	3.7	3.4	3.5	4.3	0.000	0.000	0.000	0.000
02:45:00	8.8	8.8	18.2	7.4	3.3	3.4	3.2	4.3	0.000	0.000	0.000	0.000
03:00:00	13.0	9.0	15.3	7.7	4.4	3.3	3.4	4.0	0.000	0.000	0.000	0.000
03:15:00	14.3	8.3	17.0	9.0	4.0	3.2	3.5	4.1	0.000	0.000	0.000	0.000
03:30:00	11.7	8.3	19.9	7.9	3.7	3.2	3.3	4.2	0.000	0.000	0.000	0.000
03:45:00	9.3	8.5	21.1	7.8	3.4	3.2	3.3	4.3	0.000	0.000	0.000	0.000
04:00:00	8.8	9.8	27.7	6.9	3.4	3.2	3.2	5.2	0.000	0.000	0.001	0.000
04:15:00	8.2	9.9	33.9	6.9	3.3	3.2	3.1	6.2	0.000	0.000	0.000	0.000
04:30:00	9.0	10.1	25.0	7.4	3.2	3.1	3.2	5.3	0.000	0.000	0.000	0.000
04:45:00	10.6	9.9	17.7	8.4	3.6	3.1	3.3	4.2	0.000	0.000	0.000	0.000
05:00:00	9.6	8.8	19.8	8.8	3.4	3.2	3.3	4.5	0.000	0.000	0.000	0.000
05:15:00	11.4	8.0	17.1	8.8	4.0	3.3	3.4	4.2	0.000	0.000	0.000	0.000
05:30:00	9.6	8.2	17.6	7.6	3.5	3.4	3.1	4.2	0.000	0.000	0.000	0.000
05:45:00	11.3	7.8	19.8	7.8	3.9	3.1	3.0	4.2	0.000	0.000	0.000	0.000
06:00:00	12.3	8.9	17.7	8.6	3.5	3.1	3.0	4.2	0.000	0.000	0.000	0.000
06:15:00	10.3	8.7	17.1	8.7	3.3	3.1	3.0	3.9	0.000	0.000	0.000	0.000
06:30:00	8.7	8.6	15.9	8.1	3.2	3.1	3.1	3.7	0.000	0.000	0.000	0.000
06:45:00	8.5	9.2	15.0	9.3	3.1	3.1	3.4	3.7	0.000	0.000	0.000	0.000
07:00:00	9.5	9.1	17.9	13.8	3.4	3.2	4.2	4.2	0.000	0.000	0.000	0.000
07:15:00	11.5	9.5	17.7	10.4	3.8	3.2	4.1	4.5	0.000	0.000	0.000	0.000
07:30:00	13.7	9.4	15.9	11.5	5.0	3.3	4.6	4.7	0.000	0.000	0.000	0.000
07:45:00	10.3	8.8	23.6	8.4	4.1	3.4	3.8	6.2	0.000	0.000	0.000	0.000
08:00:00	9.4	8.2	29.4	8.3	4.0	3.5	3.8	7.1	0.000	0.000	0.000	0.000
08:15:00	10.5	8.0	16.1	7.7	4.0	3.5	3.6	5.1	0.000	0.000	0.000	0.000
08:30:00	21.4	8.0	7.7	7.4	5.0	3.5	3.4	3.6	0.000	0.000	0.000	0.000
08:45:00	8.7	7.4	7.5	8.7	3.7	3.3	3.7	3.5	0.000	0.001	0.000	0.000
09:00:00	8.6	7.2	7.6	8.8	3.7	3.3	3.8	3.3	0.000	0.001	0.000	0.000
09:15:00	8.5	7.3	8.1	7.5	3.6	3.4	3.6	3.7	0.000	0.000	0.000	0.000
09:30:00	8.2	7.0	7.9	7.3	3.7	3.4	3.5	3.7	0.000	0.000	0.000	0.000
09:45:00	7.9	7.2	7.4	7.4	3.5	3.2	3.4	3.5	0.000	0.000	0.000	0.000
10:00:00	7.6	6.7	7.6	7.2	3.4	3.0	3.4	3.3	0.001	0.000	0.000	0.001
10:15:00	7.4	6.3	7.9	7.3	3.2	3.0	3.4	3.5	0.003	0.000	0.000	0.007
10:30:00	7.9	6.1	7.0	7.1	3.3	2.8	3.3	3.2	0.001	0.000	0.000	0.011
10:45:00	7.9	6.4	6.6	6.9	3.4	2.9	3.3	3.2	0.000	0.000	0.000	0.021
11:00:00	6.8	6.1	6.3	6.4	3.0	2.9	3.1	3.0	0.000	0.000	0.000	0.023
11:15:00	6.6	6.1	5.8	5.8	2.9	2.8	2.8	2.7	0.000	0.000	0.000	0.022
11:30:00	6.1	5.6	7.4	6.3	2.8	2.6	2.9	2.9	0.000	0.000	0.000	0.015
11:45:00	5.7	5.0	5.5	6.0	2.6	2.4	2.7	2.6	0.000	0.000	0.000	0.005



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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	6.1	4.9	5.5	6.0	2.5	2.4	2.7	2.6	0.000	0.000	0.000	0.000
12:15:00	5.6	4.9	5.2	5.6	2.5	2.3	2.7	2.5	0.000	0.000	0.000	0.000
12:30:00	5.4	4.9	5.5	5.4	2.4	2.3	2.6	2.5	0.000	0.000	0.000	0.000
12:45:00	13.4	4.2	5.0	4.8	3.2	2.1	2.3	2.4	0.000	0.000	0.000	0.000
13:00:00	20.4	4.7	5.3	6.1	3.9	2.3	2.7	2.3	0.000	0.000	0.000	0.000
13:15:00	5.4	4.6	4.8	5.3	2.4	2.3	2.6	2.3	0.000	0.000	0.000	0.000
13:30:00	5.0	4.6	5.0	5.1	2.3	2.2	2.5	2.3	0.000	0.000	0.000	0.000
13:45:00	5.1	4.7	5.7	5.0	2.3	2.2	2.5	2.4	0.000	0.000	0.000	0.000
14:00:00	5.1	4.8	4.6	4.8	2.3	2.2	2.4	2.2	0.000	0.000	0.000	0.000
14:15:00	5.1	4.6	4.8	4.9	2.2	2.2	2.4	2.2	0.000	0.000	0.000	0.000
14:30:00	5.4	4.5	4.3	5.4	2.2	2.1	2.3	2.0	0.000	0.000	0.000	0.000
14:45:00	7.2	4.5	4.5	5.0	2.5	2.1	2.4	2.1	0.000	0.000	0.000	0.000
15:00:00	5.2	4.7	4.7	4.7	2.2	2.2	2.3	2.2	0.000	0.000	0.000	0.000
15:15:00	5.0	4.5	4.7	4.9	2.2	2.2	2.4	2.2	0.000	0.000	0.000	0.000
15:30:00	4.8	4.8	4.5	4.6	2.2	2.2	2.3	2.2	0.000	0.000	0.000	0.000
15:45:00	5.0	4.6	4.6	4.6	2.1	2.1	2.3	2.2	0.000	0.000	0.000	0.000
16:00:00	5.2	4.2	6.8	4.3	2.0	2.0	2.1	2.3	0.000	0.000	0.000	0.000
16:15:00	13.9	4.3	4.3	4.0	3.0	2.0	1.9	1.9	0.000	0.000	0.000	0.000
16:30:00	5.0	4.1	4.1	4.3	2.0	2.0	2.1	1.9	0.000	0.000	0.000	0.000
16:45:00	4.6	3.8	4.1	4.2	1.9	1.8	1.9	1.9	0.000	0.000	0.000	0.000
17:00:00	4.2	4.1	3.8	3.7	1.9	1.8	1.8	1.8	0.000	0.000	0.000	0.000
17:15:00	4.2	4.2	3.9	4.0	1.9	1.9	1.9	1.8	0.000	0.000	0.000	0.000
17:30:00	5.3	4.9	5.1	4.8	2.3	2.2	2.2	2.2	0.000	0.000	0.000	0.000
17:45:00	5.0	4.7	4.9	5.3	2.2	2.2	2.3	2.1	0.000	0.000	0.000	0.000
18:00:00	4.6	4.5	4.6	4.9	2.1	2.1	2.2	2.1	0.000	0.000	0.000	0.000
18:15:00	4.4	4.1	10.8	4.1	1.9	1.9	2.0	2.9	0.000	0.000	0.000	0.000
18:30:00	5.8	4.1	4.1	4.4	2.1	1.9	2.0	1.8	0.000	0.000	0.000	0.000
18:45:00	5.0	4.7	4.8	4.5	2.2	2.2	2.2	2.1	0.001	0.004	0.000	0.000
19:00:00	6.4	5.7	5.7	5.1	2.7	2.8	2.4	2.5	0.050	0.020	0.000	0.014
19:15:00	5.8	5.7	5.8	5.5	2.5	2.6	2.5	2.5	0.092	0.025	0.000	0.037
19:30:00	6.5	5.5	6.0	5.1	2.5	2.4	2.4	2.4	0.108	0.027	0.000	0.047
19:45:00	6.1	6.1	6.3	5.2	2.4	2.3	2.3	2.4	0.111	0.025	0.000	0.051
20:00:00	6.1	5.6	7.8	5.4	2.4	2.3	2.3	2.6	0.115	0.025	0.001	0.052
20:15:00	6.1	5.7	11.2	5.0	2.4	2.3	2.3	2.8	0.124	0.024	0.027	0.052
20:30:00	5.8	5.9	10.8	6.9	2.4	2.3	2.7	2.9	0.135	0.022	0.070	0.058
20:45:00	6.1	5.6	13.2	10.9	2.3	2.3	3.2	3.4	0.141	0.022	0.115	0.063
21:00:00	6.3	6.0	14.6	5.9	2.4	2.3	2.5	3.7	0.149	0.020	0.135	0.062
21:15:00	6.9	6.1	9.3	5.9	2.5	2.3	2.6	2.9	0.156	0.020	0.150	0.061
21:30:00	6.7	6.1	10.3	6.2	2.6	2.4	2.6	3.2	0.160	0.019	0.158	0.057
21:45:00	6.6	6.7	9.8	6.5	2.6	2.4	2.7	3.1	0.159	0.018	0.161	0.053
22:00:00	6.5	6.8	10.6	11.8	2.6	2.4	3.6	3.2	0.155	0.017	0.160	0.048
22:15:00	6.4	6.6	9.3	6.8	2.6	2.5	3.4	3.0	0.151	0.015	0.157	0.043
22:30:00	6.6	7.1	15.5	6.9	2.6	2.4	3.5	4.0	0.146	0.013	0.152	0.038
22:45:00	6.5	6.4	15.3	5.7	2.6	2.4	2.7	4.1	0.138	0.012	0.143	0.031
23:00:00	6.5	5.8	22.8	7.5	2.7	2.4	3.1	4.9	0.126	0.010	0.134	0.023
23:15:00	6.3	6.0	17.5	8.1	2.8	2.4	3.1	4.1	0.122	0.009	0.124	0.017
23:30:00	6.3	6.5	18.4	8.9	2.8	2.5	3.2	4.2	0.112	0.008	0.113	0.010
23:45:00	7.0	6.6	20.4	6.4	2.9	2.6	2.9	4.3	0.098	0.007	0.103	0.003



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