



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-28

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 9.306	2943 SE	3061 N	2996 ESE	2997 NE	Min : 60.80 Max : 98.60	Min : 36.10 Max : 85.60	Min : 29.99 Max : 30.61

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	10.9	21.0	5.1	8.1	0.012	0.079
2996	10.1	25.3	4.9	7.6	0.012	0.088
2997	9.5	17.1	4.7	7.1	0.004	0.037
3061	10.2	14.2	4.9	7.5	0.001	0.005



Figure 1 : Monitoring Locations

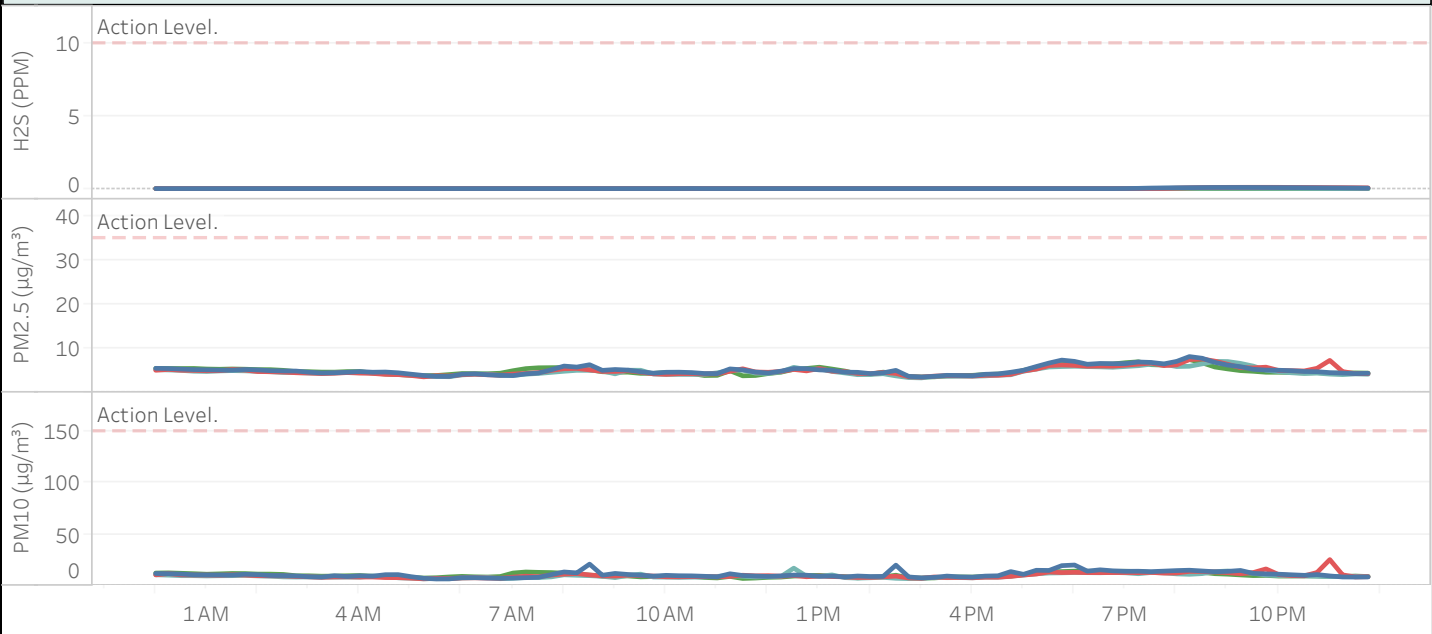


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

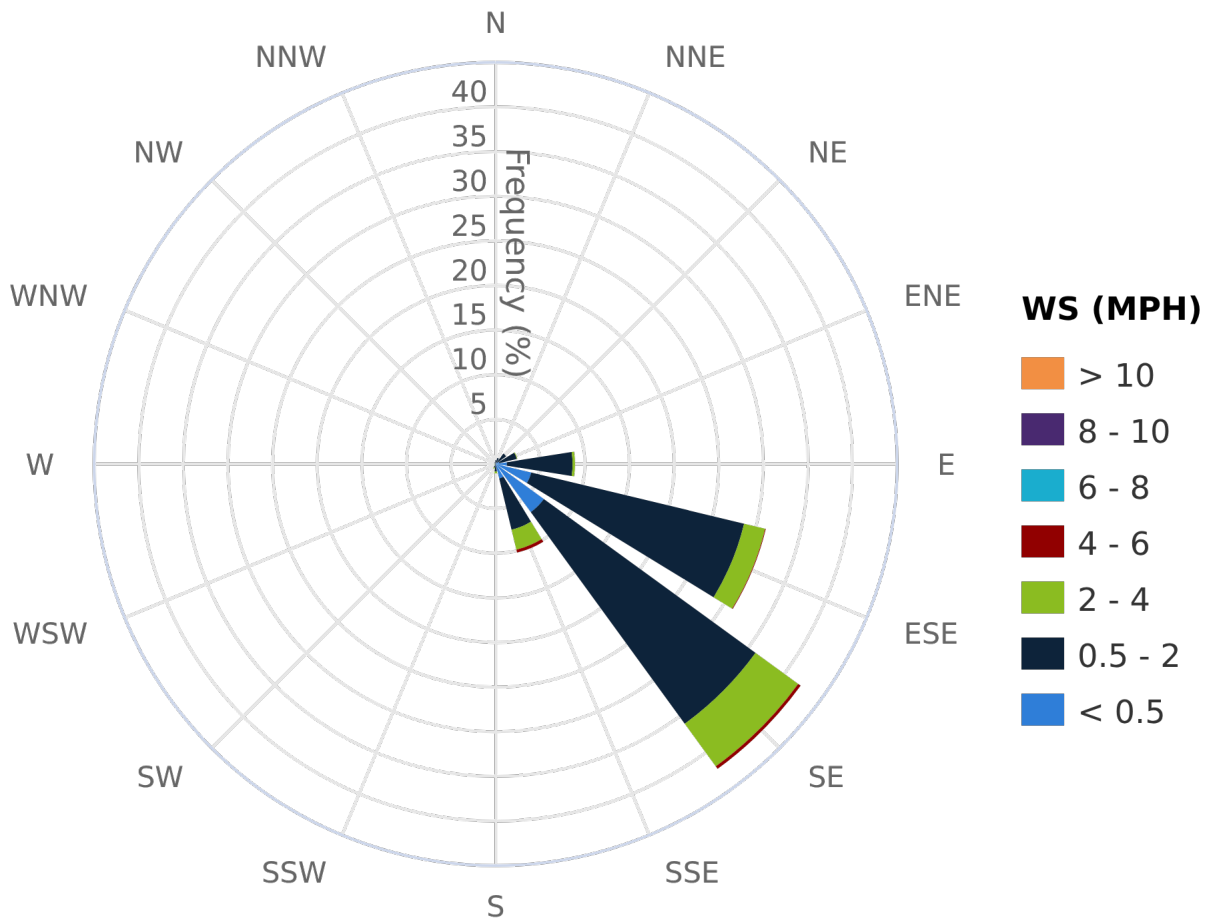


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

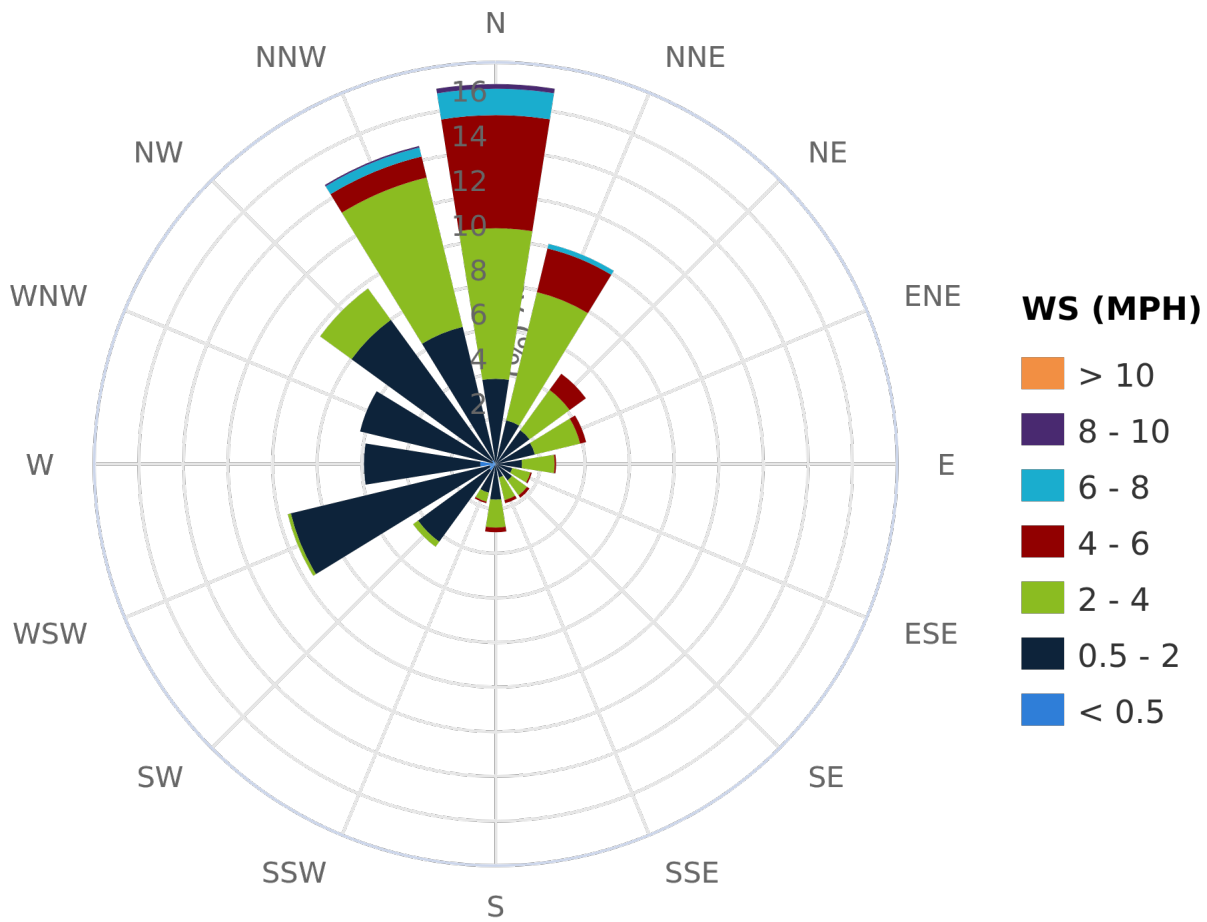


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

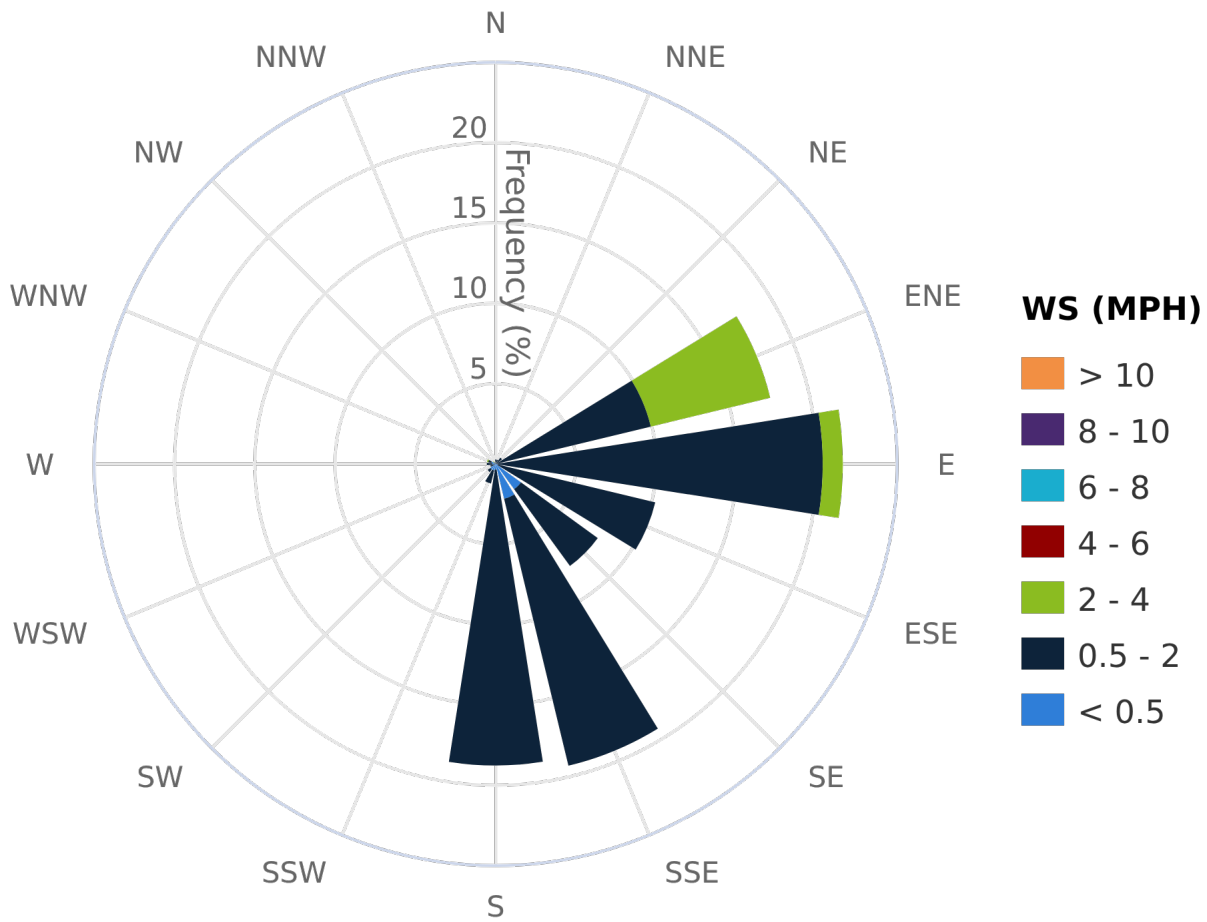


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

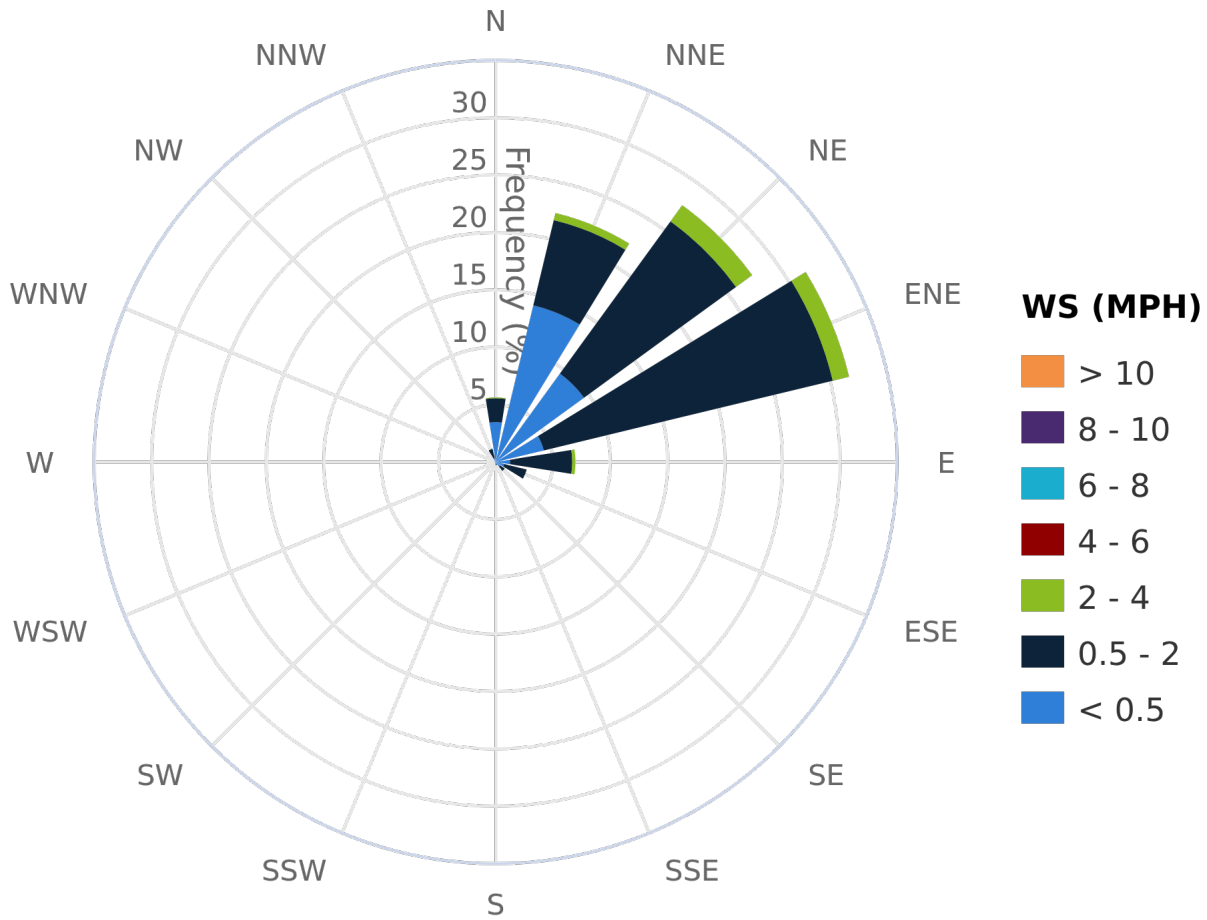


Figure 3 : Wind Rose Chart (WS in MPH)



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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	11.9	12.3	10.6	10.6	5.5	5.5	5.1	5.2	0.000	0.000	0.000	0.000
00:15:00	11.7	12.5	10.3	11.8	5.4	5.5	5.3	5.1	0.000	0.000	0.000	0.000
00:30:00	11.3	12.1	9.8	10.6	5.3	5.4	5.1	5.0	0.000	0.000	0.000	0.000
00:45:00	10.6	11.7	9.8	10.4	5.2	5.5	5.0	4.8	0.000	0.000	0.000	0.000
01:00:00	10.5	11.2	9.5	10.4	5.2	5.3	5.0	4.8	0.000	0.000	0.000	0.000
01:15:00	10.5	11.5	9.7	10.2	5.1	5.3	5.0	4.9	0.000	0.000	0.000	0.000
01:30:00	10.4	11.9	9.8	10.7	5.1	5.3	5.2	5.0	0.000	0.000	0.000	0.000
01:45:00	11.1	11.8	10.0	10.4	5.2	5.3	5.1	4.9	0.000	0.000	0.000	0.000
02:00:00	10.7	11.3	9.5	9.8	5.1	5.2	4.8	4.8	0.000	0.000	0.000	0.000
02:15:00	10.0	11.3	9.2	9.7	5.0	5.2	4.7	4.7	0.000	0.000	0.000	0.000
02:30:00	9.9	11.0	8.6	9.6	4.9	5.0	4.7	4.6	0.000	0.000	0.000	0.000
02:45:00	9.5	9.7	8.4	9.1	4.9	4.7	4.5	4.5	0.000	0.000	0.000	0.000
03:00:00	8.8	9.7	8.5	8.6	4.6	4.7	4.4	4.4	0.000	0.000	0.000	0.000
03:15:00	8.4	9.3	8.4	8.2	4.4	4.6	4.3	4.3	0.000	0.000	0.000	0.000
03:30:00	9.7	9.4	8.3	8.6	4.5	4.6	4.4	4.4	0.000	0.000	0.000	0.000
03:45:00	8.9	9.7	8.4	8.6	4.6	4.8	4.5	4.6	0.000	0.000	0.000	0.000
04:00:00	9.6	9.9	8.3	8.4	4.8	4.8	4.4	4.5	0.000	0.000	0.000	0.000
04:15:00	9.3	9.2	9.5	8.5	4.6	4.4	4.3	4.6	0.000	0.000	0.000	0.000
04:30:00	10.7	8.6	9.0	7.9	4.7	4.2	4.1	4.4	0.000	0.000	0.000	0.000
04:45:00	10.8	8.6	7.7	7.8	4.5	4.1	4.1	4.1	0.000	0.000	0.000	0.000
05:00:00	8.8	8.1	7.3	7.4	4.2	3.9	3.9	4.0	0.000	0.000	0.000	0.000
05:15:00	7.2	7.5	6.7	6.7	3.9	3.8	3.6	3.7	0.000	0.000	0.000	0.000
05:30:00	6.6	7.8	7.0	7.2	3.7	3.9	3.8	3.6	0.000	0.000	0.000	0.000
05:45:00	6.7	8.5	6.8	7.0	3.7	4.1	3.8	3.6	0.000	0.000	0.000	0.000
06:00:00	7.8	9.1	7.5	7.6	4.2	4.3	4.1	4.0	0.000	0.000	0.000	0.000
06:15:00	7.8	8.7	7.8	7.7	4.3	4.3	4.2	4.2	0.000	0.000	0.000	0.000
06:30:00	7.4	8.5	8.2	7.5	4.0	4.3	4.0	4.2	0.000	0.000	0.000	0.000
06:45:00	7.3	9.0	6.9	7.3	3.9	4.4	4.0	3.9	0.000	0.000	0.000	0.000
07:00:00	7.5	12.3	7.2	8.4	3.9	5.0	4.2	3.9	0.000	0.000	0.000	0.000
07:15:00	7.8	13.3	8.0	9.2	4.2	5.4	4.3	4.2	0.000	0.000	0.000	0.000
07:30:00	8.2	13.0	7.9	8.8	4.4	5.6	4.5	4.3	0.000	0.000	0.000	0.000
07:45:00	10.8	12.8	8.6	10.4	5.2	5.6	5.0	4.6	0.000	0.000	0.000	0.000
08:00:00	13.4	12.2	10.6	11.3	6.0	5.7	5.4	4.8	0.000	0.000	0.000	0.000
08:15:00	12.5	11.1	10.2	11.8	5.8	5.4	5.5	5.0	0.000	0.000	0.000	0.000
08:30:00	21.0	10.3	9.8	10.5	6.3	5.2	5.1	5.0	0.000	0.000	0.000	0.000
08:45:00	10.2	9.4	9.1	9.6	5.0	4.7	4.8	4.9	0.000	0.000	0.000	0.000
09:00:00	11.9	9.5	7.9	9.4	5.2	4.6	4.8	4.2	0.000	0.000	0.000	0.000
09:15:00	10.9	9.5	10.1	10.3	5.1	4.6	4.9	5.1	0.000	0.000	0.000	0.000
09:30:00	10.2	8.6	11.3	9.9	4.7	4.4	4.6	5.1	0.000	0.000	0.000	0.000
09:45:00	9.3	8.9	8.5	9.4	4.4	4.4	4.2	4.2	0.000	0.001	0.000	0.000
10:00:00	10.1	9.3	8.3	8.7	4.6	4.5	4.1	4.1	0.000	0.001	0.000	0.000
10:15:00	9.7	8.8	8.1	8.7	4.6	4.4	4.3	4.1	0.002	0.000	0.000	0.000
10:30:00	9.6	9.1	8.3	8.9	4.5	4.3	4.3	4.1	0.005	0.000	0.000	0.001
10:45:00	9.2	8.0	8.5	8.9	4.3	3.9	4.2	4.1	0.001	0.000	0.000	0.006
11:00:00	8.6	7.6	9.1	8.6	4.3	3.9	4.2	4.5	0.000	0.000	0.000	0.005
11:15:00	11.6	9.0	9.7	9.1	5.4	5.0	4.8	5.0	0.000	0.000	0.000	0.000
11:30:00	9.9	7.1	9.3	10.2	5.1	3.8	5.4	5.1	0.000	0.000	0.000	0.000
11:45:00	9.4	7.5	8.5	9.6	4.7	3.9	4.7	4.4	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	9.0	8.2	8.9	9.8	4.4	4.3	4.6	4.4	0.000	0.000	0.000	0.000
12:15:00	9.6	8.4	9.0	9.2	4.9	4.6	4.8	4.7	0.000	0.000	0.000	0.000
12:30:00	10.4	9.4	17.1	9.9	5.4	5.3	5.2	5.7	0.000	0.000	0.000	0.000
12:45:00	10.2	9.9	9.2	8.7	5.4	5.5	4.9	5.2	0.000	0.000	0.000	0.000
13:00:00	9.2	10.1	9.3	9.5	5.1	5.7	5.5	5.4	0.000	0.000	0.000	0.000
13:15:00	9.4	9.4	10.5	8.9	5.0	5.3	4.8	4.8	0.000	0.000	0.000	0.000
13:30:00	8.5	8.8	7.9	8.6	4.6	4.9	4.8	4.5	0.000	0.000	0.000	0.000
13:45:00	9.4	7.7	7.4	8.0	4.6	4.2	4.3	4.1	0.000	0.000	0.000	0.000
14:00:00	9.0	8.3	7.7	8.1	4.3	4.2	4.3	4.1	0.000	0.000	0.000	0.000
14:15:00	9.0	8.6	8.1	8.6	4.5	4.6	4.6	4.3	0.000	0.000	0.000	0.000
14:30:00	20.0	10.2	7.2	9.3	5.0	4.3	4.3	3.8	0.000	0.000	0.000	0.000
14:45:00	8.6	7.5	6.9	7.6	3.7	3.6	3.6	3.4	0.000	0.000	0.000	0.000
15:00:00	7.6	7.5	6.9	7.3	3.5	3.5	3.5	3.3	0.000	0.000	0.000	0.000
15:15:00	8.1	7.6	8.1	8.5	3.7	3.6	3.7	3.7	0.000	0.000	0.000	0.000
15:30:00	9.4	8.4	7.8	7.9	3.9	3.8	3.8	3.7	0.000	0.000	0.000	0.000
15:45:00	8.6	8.6	7.9	8.0	3.9	3.9	3.8	3.7	0.000	0.000	0.000	0.000
16:00:00	8.4	8.5	7.7	7.7	3.8	3.9	3.7	3.7	0.000	0.000	0.000	0.000
16:15:00	9.4	9.1	8.2	8.3	4.1	4.1	3.9	3.8	0.000	0.000	0.000	0.000
16:30:00	9.7	9.1	8.3	8.3	4.2	4.2	3.9	4.0	0.000	0.000	0.000	0.000
16:45:00	13.7	9.5	9.3	9.1	4.6	4.3	4.1	4.0	0.000	0.000	0.000	0.000
17:00:00	11.1	10.9	10.4	10.4	5.1	5.0	4.9	4.8	0.000	0.000	0.000	0.000
17:15:00	15.0	12.6	11.6	11.4	5.9	5.7	5.3	5.3	0.000	0.000	0.000	0.000
17:30:00	14.8	13.6	12.4	13.4	6.7	6.1	6.1	5.8	0.000	0.000	0.000	0.000
17:45:00	19.5	13.7	12.5	12.8	7.4	6.4	6.3	5.9	0.000	0.000	0.000	0.000
18:00:00	20.1	14.2	12.8	13.0	7.1	6.5	6.2	6.0	0.000	0.000	0.000	0.000
18:15:00	14.2	14.1	12.7	12.7	6.4	6.3	6.0	5.9	0.000	0.000	0.000	0.000
18:30:00	15.5	13.9	12.6	12.7	6.6	6.4	6.0	5.8	0.000	0.001	0.000	0.000
18:45:00	14.5	13.9	12.9	12.7	6.5	6.5	6.0	5.7	0.000	0.002	0.000	0.000
19:00:00	14.0	14.1	12.5	12.8	6.6	6.8	6.2	5.9	0.006	0.003	0.000	0.000
19:15:00	14.1	13.8	11.7	12.7	6.9	7.0	6.4	6.1	0.018	0.004	0.000	0.004
19:30:00	13.7	12.8	12.8	12.9	6.8	6.3	6.7	6.4	0.037	0.004	0.000	0.011
19:45:00	14.2	13.0	12.5	12.3	6.5	6.2	6.1	6.4	0.048	0.005	0.005	0.020
20:00:00	14.7	13.7	11.5	12.4	7.1	6.9	6.3	5.9	0.058	0.004	0.031	0.028
20:15:00	15.1	14.1	11.1	13.9	8.1	7.5	7.5	6.0	0.065	0.004	0.053	0.030
20:30:00	14.3	13.0	11.8	13.8	7.8	6.7	7.6	6.5	0.071	0.005	0.070	0.033
20:45:00	13.6	11.7	13.7	13.3	6.8	5.8	7.1	7.1	0.078	0.004	0.079	0.037
21:00:00	13.9	11.2	14.3	12.7	6.2	5.4	6.4	7.0	0.078	0.004	0.086	0.035
21:15:00	14.8	10.5	13.0	11.7	5.9	5.0	5.7	6.6	0.079	0.004	0.087	0.033
21:30:00	12.0	9.8	12.1	12.8	5.3	4.8	5.6	6.0	0.077	0.004	0.088	0.029
21:45:00	11.5	10.0	10.4	16.3	5.1	4.6	5.8	5.1	0.073	0.004	0.088	0.025
22:00:00	11.2	9.4	9.9	10.8	5.1	4.6	5.0	4.7	0.071	0.003	0.087	0.024
22:15:00	10.6	9.4	9.7	9.9	5.0	4.6	5.0	4.5	0.068	0.003	0.081	0.020
22:30:00	10.1	9.5	9.6	9.6	4.8	4.5	4.9	4.3	0.062	0.002	0.078	0.013
22:45:00	10.8	9.6	9.2	12.9	4.7	4.5	5.5	4.4	0.056	0.002	0.074	0.010
23:00:00	9.5	9.1	8.8	25.3	4.5	4.4	7.3	4.2	0.050	0.002	0.068	0.007
23:15:00	8.5	9.0	9.1	10.5	4.4	4.4	4.8	4.1	0.045	0.002	0.065	0.004
23:30:00	8.4	9.4	9.2	8.6	4.3	4.5	4.3	4.2	0.039	0.001	0.059	0.002
23:45:00	8.5	9.0	8.9	8.8	4.4	4.4	4.3	4.2	0.031	0.000	0.052	0.000



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

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