



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.650	2943 SSE	3061 SSW	2996 N	2997 ENE	Min : 62.42 Max : 100.2	Min : 40.20 Max : 83.90	Min : 29.80 Max : 30.54

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	14.6	47.8	6.4	10.0	0.011	0.085
2996	13.6	51.8	6.2	14.6	0.015	0.090
2997	13.7	24.5	6.1	11.1	0.004	0.042
3061	12.5	17.5	6.0	8.3	0.002	0.010



Figure 1 : Monitoring Locations

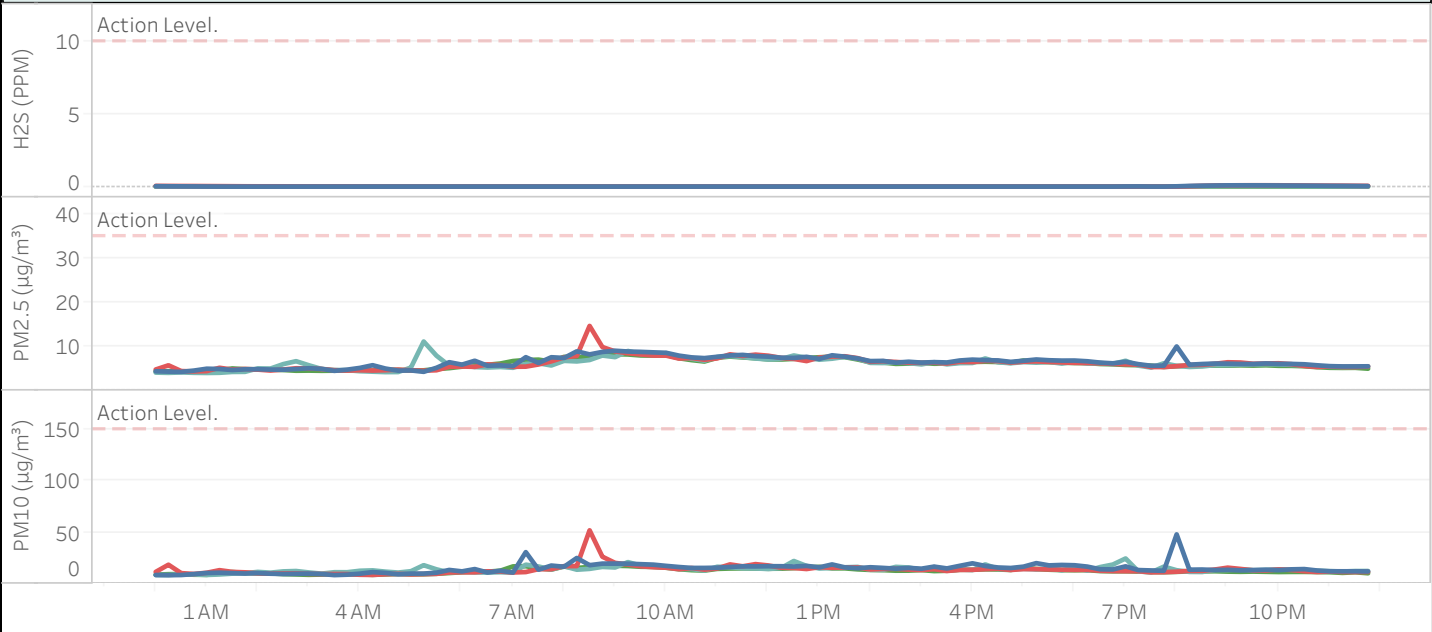


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

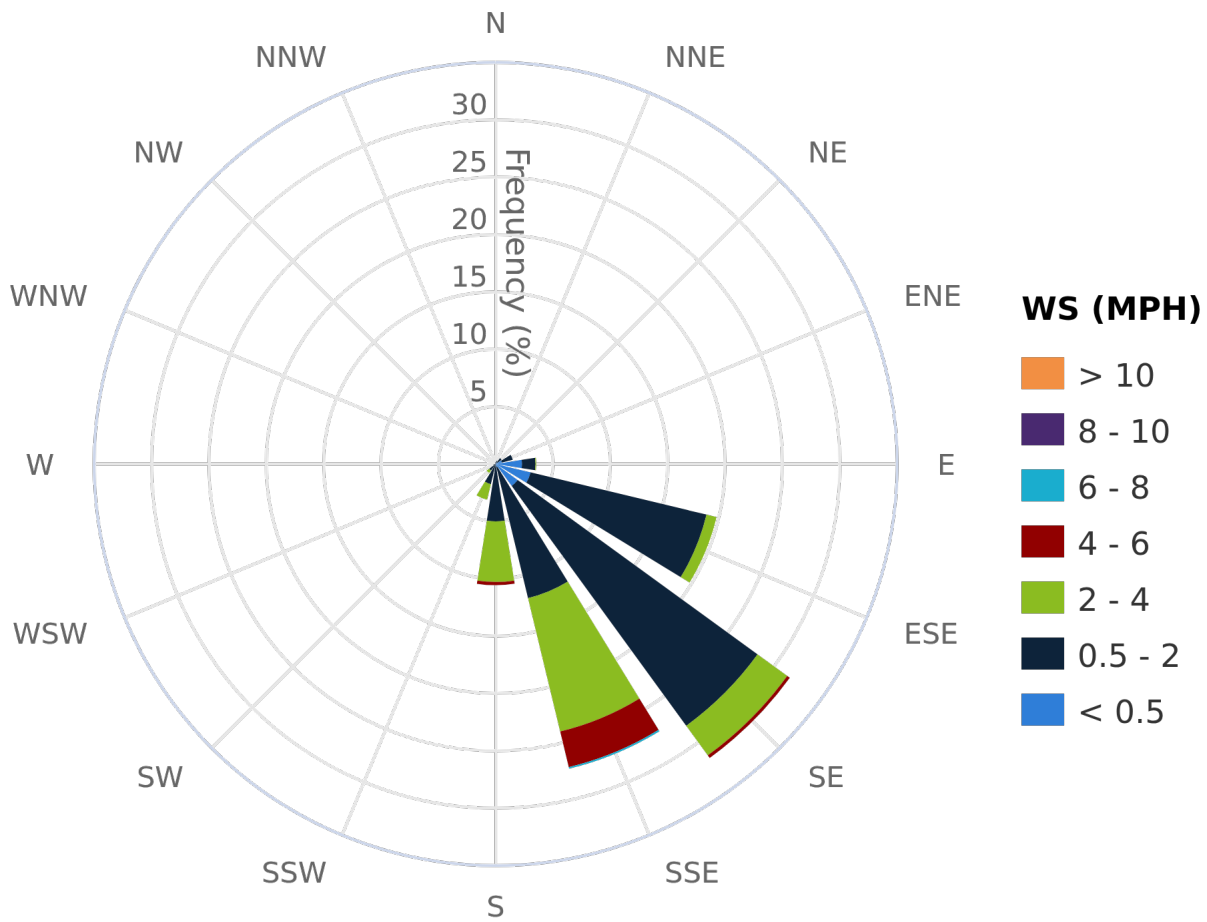


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

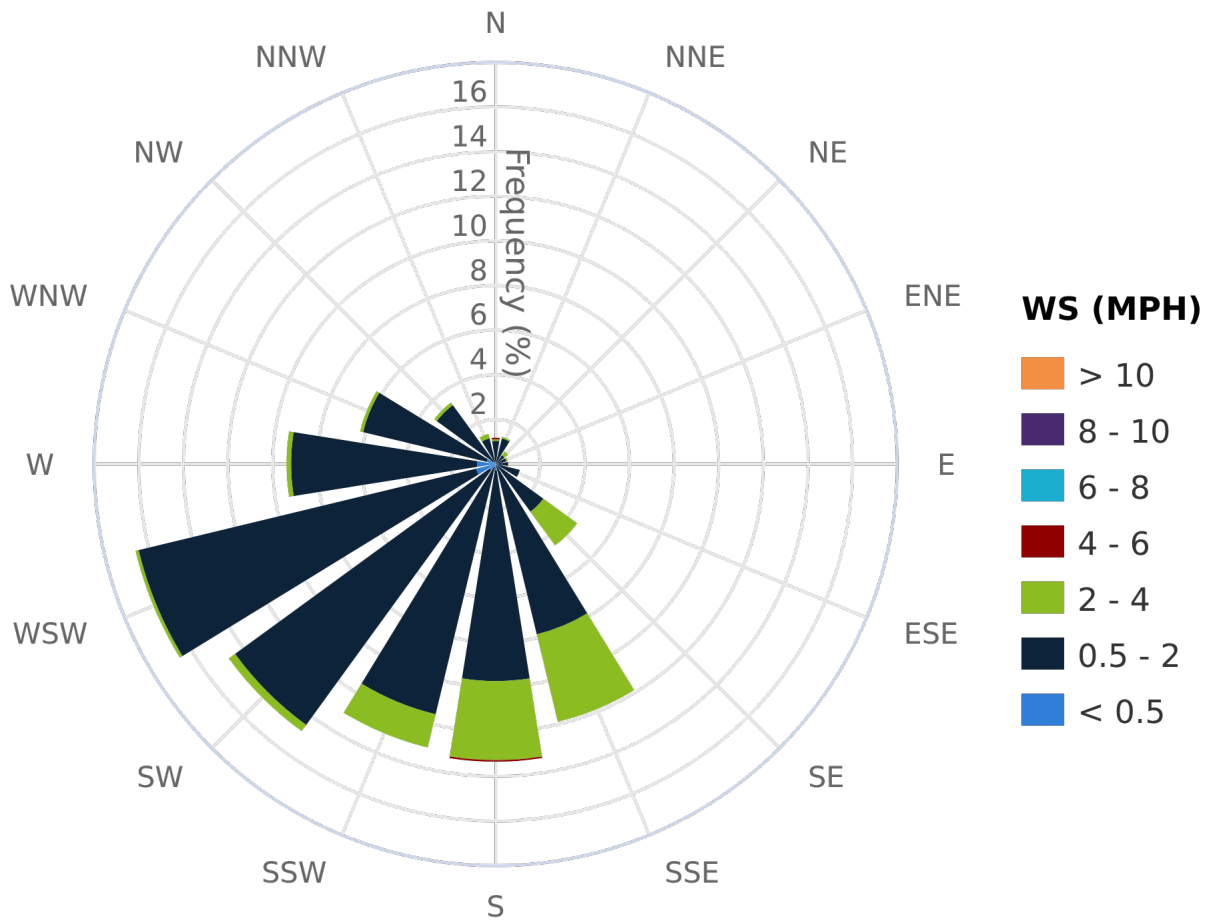


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

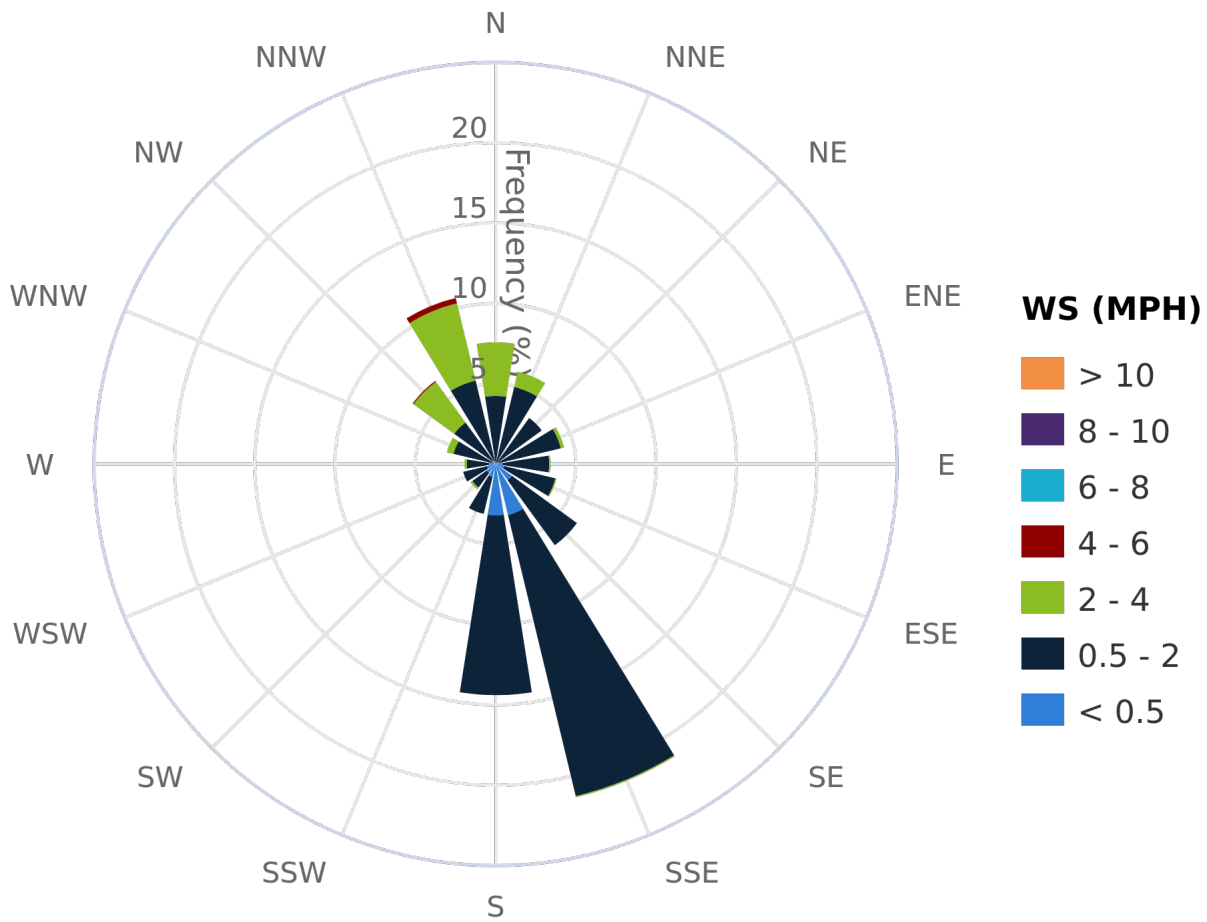


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

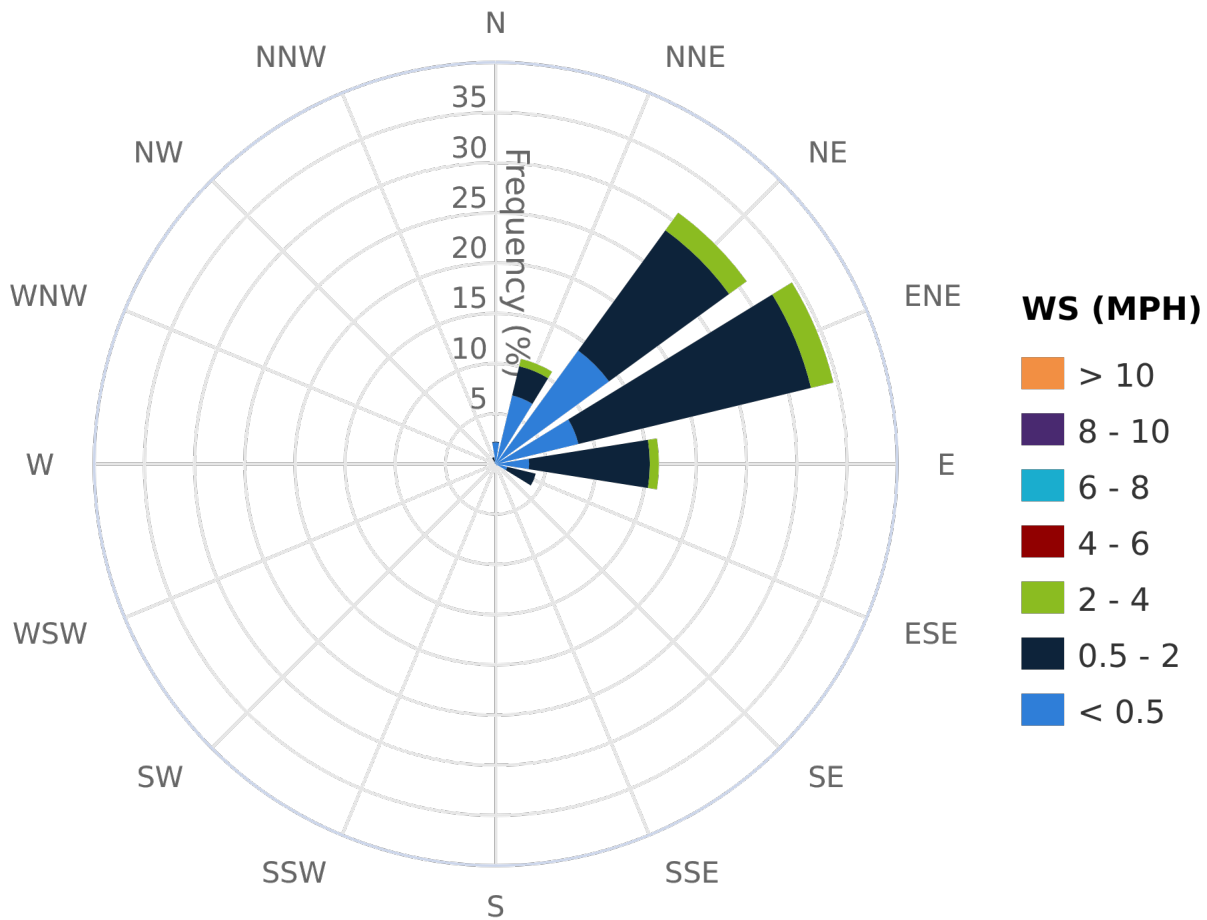


Figure 3 : Wind Rose Chart (WS in MPH)



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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	8.5	8.8	8.5	11.5	4.4	4.3	4.8	4.1	0.027	0.000	0.048	0.000
00:15:00	8.3	9.3	8.5	18.4	4.3	4.4	5.7	4.0	0.019	0.000	0.044	0.000
00:30:00	8.5	9.3	9.3	10.3	4.2	4.3	4.4	4.1	0.016	0.000	0.040	0.000
00:45:00	9.4	8.8	9.0	9.5	4.5	4.3	4.3	4.0	0.010	0.000	0.039	0.000
01:00:00	10.4	8.7	8.6	10.7	5.0	4.2	4.4	4.0	0.005	0.000	0.034	0.000
01:15:00	10.7	10.0	9.0	13.2	4.9	4.6	5.2	4.0	0.001	0.000	0.030	0.000
01:30:00	10.3	11.3	9.8	11.5	4.7	5.0	4.8	4.2	0.000	0.000	0.024	0.000
01:45:00	9.9	10.5	10.2	11.0	4.8	4.8	4.9	4.3	0.000	0.000	0.019	0.000
02:00:00	10.3	10.2	11.5	10.1	4.8	4.8	4.8	5.0	0.000	0.000	0.018	0.000
02:15:00	9.8	10.1	10.7	9.8	4.8	4.8	4.5	5.0	0.000	0.000	0.017	0.000
02:30:00	9.5	9.4	12.0	10.0	4.7	4.7	4.8	6.0	0.000	0.000	0.017	0.000
02:45:00	9.7	9.0	12.3	10.0	4.9	4.5	5.1	6.7	0.000	0.000	0.012	0.000
03:00:00	9.8	8.7	10.9	9.6	5.1	4.5	5.0	5.7	0.000	0.000	0.008	0.000
03:15:00	9.4	8.9	9.8	9.4	4.9	4.5	4.9	4.9	0.000	0.000	0.005	0.000
03:30:00	8.4	9.5	11.2	9.4	4.5	4.5	4.6	4.7	0.000	0.000	0.007	0.000
03:45:00	8.8	9.3	11.2	9.4	4.7	4.5	4.5	4.6	0.000	0.000	0.006	0.000
04:00:00	9.8	9.1	12.6	8.7	5.1	4.5	4.6	4.4	0.000	0.000	0.003	0.000
04:15:00	11.3	8.7	13.0	8.6	5.7	4.5	4.5	4.3	0.000	0.000	0.001	0.000
04:30:00	10.5	9.1	11.7	9.2	5.0	4.7	4.6	4.2	0.000	0.000	0.000	0.000
04:45:00	9.2	9.5	10.8	9.6	4.5	4.7	4.7	4.2	0.000	0.000	0.000	0.000
05:00:00	9.8	9.2	12.1	9.1	4.6	4.6	4.6	5.2	0.000	0.000	0.000	0.000
05:15:00	9.8	9.2	18.0	9.4	4.3	4.6	4.5	11.1	0.000	0.000	0.000	0.000
05:30:00	10.7	9.7	14.0	9.6	5.2	4.9	4.6	7.9	0.000	0.000	0.000	0.000
05:45:00	13.4	10.4	11.0	11.0	6.4	5.1	5.4	5.6	0.000	0.000	0.000	0.000
06:00:00	12.0	11.2	11.8	11.2	5.9	5.4	5.5	5.7	0.000	0.000	0.000	0.000
06:15:00	14.2	11.6	11.0	11.1	6.8	5.8	5.4	5.3	0.000	0.000	0.000	0.000
06:30:00	10.9	11.7	10.9	12.0	5.6	5.8	5.9	5.2	0.000	0.000	0.000	0.000
06:45:00	12.6	12.6	11.2	11.9	5.7	6.1	5.8	5.3	0.000	0.000	0.000	0.000
07:00:00	10.9	16.8	10.9	10.9	5.5	6.7	5.4	5.2	0.000	0.000	0.000	0.000
07:15:00	30.6	17.0	18.5	11.4	7.6	6.9	5.4	6.0	0.000	0.000	0.000	0.000
07:30:00	13.6	14.9	16.7	14.2	6.3	7.0	5.9	6.2	0.000	0.000	0.000	0.000
07:45:00	17.6	13.8	13.8	14.1	7.5	6.6	6.6	5.7	0.000	0.000	0.000	0.000
08:00:00	16.5	16.7	17.0	17.1	7.4	7.6	7.5	6.7	0.000	0.000	0.000	0.000
08:15:00	25.0	15.3	13.6	17.1	8.9	7.4	7.8	6.6	0.000	0.000	0.000	0.000
08:30:00	18.0	16.2	14.5	51.8	8.2	7.7	14.6	6.9	0.000	0.000	0.000	0.000
08:45:00	19.5	17.2	16.4	26.2	8.7	8.1	9.9	7.9	0.000	0.000	0.000	0.000
09:00:00	19.5	17.5	15.8	20.2	9.0	8.3	8.9	7.6	0.000	0.000	0.000	0.000
09:15:00	19.4	17.2	21.0	18.7	8.8	8.2	8.5	9.0	0.000	0.000	0.000	0.000
09:30:00	19.0	16.5	17.6	16.9	8.8	8.0	8.2	8.3	0.000	0.000	0.000	0.000
09:45:00	18.5	16.4	16.5	16.1	8.6	7.9	7.9	8.0	0.000	0.000	0.000	0.000
10:00:00	17.3	15.5	16.4	15.6	8.5	8.1	7.9	8.5	0.000	0.000	0.000	0.000
10:15:00	16.2	14.1	14.4	14.1	7.9	7.3	7.3	7.5	0.000	0.000	0.000	0.000
10:30:00	15.3	13.2	14.2	15.2	7.5	6.9	7.4	7.2	0.000	0.000	0.000	0.001
10:45:00	15.3	12.8	12.8	13.7	7.3	6.6	7.0	6.8	0.002	0.000	0.000	0.006
11:00:00	15.5	14.4	16.5	14.8	7.6	7.4	7.3	7.6	0.000	0.000	0.000	0.007
11:15:00	16.3	14.8	16.0	18.7	8.0	7.7	8.2	7.8	0.000	0.000	0.000	0.004
11:30:00	16.9	14.9	15.0	16.9	8.1	7.5	7.8	7.6	0.000	0.000	0.000	0.006
11:45:00	16.8	14.8	14.8	19.0	7.8	7.3	8.1	7.3	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	17.0	14.6	14.4	17.7	7.7	7.1	7.9	7.1	0.000	0.000	0.000	0.000
12:15:00	17.0	14.7	15.2	15.6	7.4	7.0	7.4	7.1	0.000	0.000	0.000	0.000
12:30:00	16.7	15.2	22.0	15.3	7.4	7.2	7.2	7.9	0.000	0.000	0.000	0.000
12:45:00	17.3	16.0	17.2	14.3	7.6	7.4	6.7	7.4	0.000	0.000	0.000	0.000
13:00:00	15.9	16.4	14.8	16.0	7.2	7.5	7.5	7.0	0.000	0.000	0.000	0.000
13:15:00	18.7	14.9	15.3	15.5	8.0	7.6	7.7	7.2	0.000	0.000	0.000	0.000
13:30:00	15.9	14.9	16.0	15.8	7.7	7.6	7.8	7.6	0.000	0.000	0.000	0.000
13:45:00	15.1	14.0	16.3	15.8	7.3	7.0	7.3	7.2	0.000	0.000	0.000	0.000
14:00:00	16.0	13.4	13.6	13.9	6.7	6.4	6.5	6.3	0.000	0.000	0.000	0.000
14:15:00	15.3	13.2	13.5	14.4	6.7	6.3	6.6	6.2	0.000	0.000	0.000	0.000
14:30:00	14.6	12.7	16.3	14.5	6.3	6.1	6.5	6.4	0.000	0.000	0.000	0.000
14:45:00	15.4	12.7	15.7	13.8	6.5	6.1	6.3	6.2	0.000	0.000	0.000	0.000
15:00:00	14.6	13.3	13.5	13.3	6.3	6.3	6.3	5.9	0.000	0.000	0.000	0.000
15:15:00	16.6	12.3	16.2	14.1	6.4	6.1	6.3	6.4	0.000	0.000	0.000	0.000
15:30:00	14.9	12.6	12.8	12.4	6.4	6.1	6.1	5.9	0.000	0.000	0.000	0.000
15:45:00	17.4	13.6	13.9	13.5	6.8	6.4	6.5	6.2	0.000	0.000	0.000	0.000
16:00:00	19.8	13.6	13.3	13.5	7.0	6.5	6.5	6.3	0.000	0.000	0.000	0.000
16:15:00	17.2	14.0	18.7	14.1	6.9	6.5	6.7	7.3	0.000	0.000	0.000	0.000
16:30:00	15.8	13.9	14.3	14.6	6.8	6.5	6.7	6.4	0.000	0.000	0.000	0.000
16:45:00	15.3	13.4	14.0	13.4	6.5	6.3	6.3	6.2	0.000	0.000	0.000	0.000
17:00:00	16.6	15.7	14.5	14.2	6.8	6.8	6.5	6.5	0.000	0.000	0.000	0.000
17:15:00	20.0	14.3	13.9	14.2	7.0	6.5	6.6	6.3	0.000	0.000	0.000	0.000
17:30:00	17.8	13.6	15.1	13.9	6.9	6.5	6.5	6.5	0.000	0.000	0.000	0.000
17:45:00	18.2	13.2	13.0	13.6	6.8	6.3	6.4	6.1	0.000	0.000	0.000	0.000
18:00:00	17.9	13.1	15.9	13.5	6.8	6.2	6.3	6.6	0.000	0.000	0.000	0.000
18:15:00	16.6	13.2	12.7	13.5	6.6	6.2	6.2	6.1	0.000	0.001	0.000	0.000
18:30:00	14.1	12.3	16.1	12.7	6.3	6.0	6.2	6.2	0.000	0.003	0.000	0.000
18:45:00	13.9	12.1	18.6	12.3	6.2	6.0	6.1	6.0	0.000	0.005	0.000	0.000
19:00:00	16.9	12.2	24.5	12.2	6.5	5.8	5.9	6.7	0.008	0.007	0.000	0.002
19:15:00	13.3	11.9	12.0	12.2	6.0	5.7	5.9	5.7	0.010	0.007	0.000	0.003
19:30:00	12.9	11.4	11.0	11.1	5.6	5.6	5.3	5.2	0.001	0.008	0.000	0.000
19:45:00	12.6	11.3	16.6	11.2	5.6	5.4	5.3	6.2	0.000	0.007	0.000	0.000
20:00:00	47.8	11.6	13.1	11.7	10.0	5.5	5.5	5.6	0.017	0.007	0.000	0.003
20:15:00	13.6	12.0	11.5	12.5	5.9	5.7	5.8	5.4	0.046	0.009	0.023	0.016
20:30:00	13.8	12.0	11.4	12.5	6.0	5.6	5.8	5.5	0.062	0.009	0.050	0.026
20:45:00	13.3	12.1	13.4	13.8	6.1	5.7	6.1	5.8	0.073	0.010	0.073	0.034
21:00:00	13.5	11.8	13.4	15.6	6.1	5.7	6.4	5.8	0.084	0.010	0.083	0.041
21:15:00	13.0	11.6	14.0	14.4	6.0	5.7	6.4	5.9	0.085	0.009	0.088	0.042
21:30:00	13.2	11.8	13.1	13.0	6.0	5.7	6.1	5.9	0.084	0.009	0.090	0.039
21:45:00	13.6	11.6	13.4	12.8	6.1	5.7	6.1	6.0	0.082	0.007	0.090	0.037
22:00:00	13.2	11.4	13.9	13.9	6.0	5.6	6.2	5.9	0.076	0.007	0.087	0.033
22:15:00	14.0	11.5	13.5	13.3	6.0	5.6	6.0	5.8	0.070	0.006	0.080	0.028
22:30:00	14.2	11.5	13.1	12.2	6.0	5.5	5.6	5.7	0.065	0.006	0.074	0.024
22:45:00	12.8	11.4	12.6	11.4	5.7	5.3	5.4	5.5	0.060	0.005	0.067	0.021
23:00:00	12.1	11.2	12.2	11.9	5.5	5.2	5.5	5.4	0.052	0.004	0.063	0.017
23:15:00	12.1	10.6	11.9	11.4	5.5	5.1	5.3	5.4	0.048	0.003	0.061	0.015
23:30:00	12.1	11.2	12.3	11.3	5.5	5.2	5.3	5.4	0.041	0.003	0.055	0.011
23:45:00	11.9	10.2	12.4	11.4	5.5	5.0	5.4	5.5	0.032	0.002	0.051	0.006



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

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