



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 7.158	2943 SSE	3061 SSW	2996 NE	2997 NE	Min : 58.64 Max : 101.1	Min : 37.40 Max : 79.40	Min : 29.33 Max : 30.35

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	15.6	44.7	8.0	33.3	0.033	0.189
2996	15.4	43.9	9.1	33.0	0.039	0.184
2997	16.1	45.8	9.4	33.0	0.012	0.096
3061	13.3	41.0	7.3	30.4	0.004	0.022



Figure 1 : Monitoring Locations

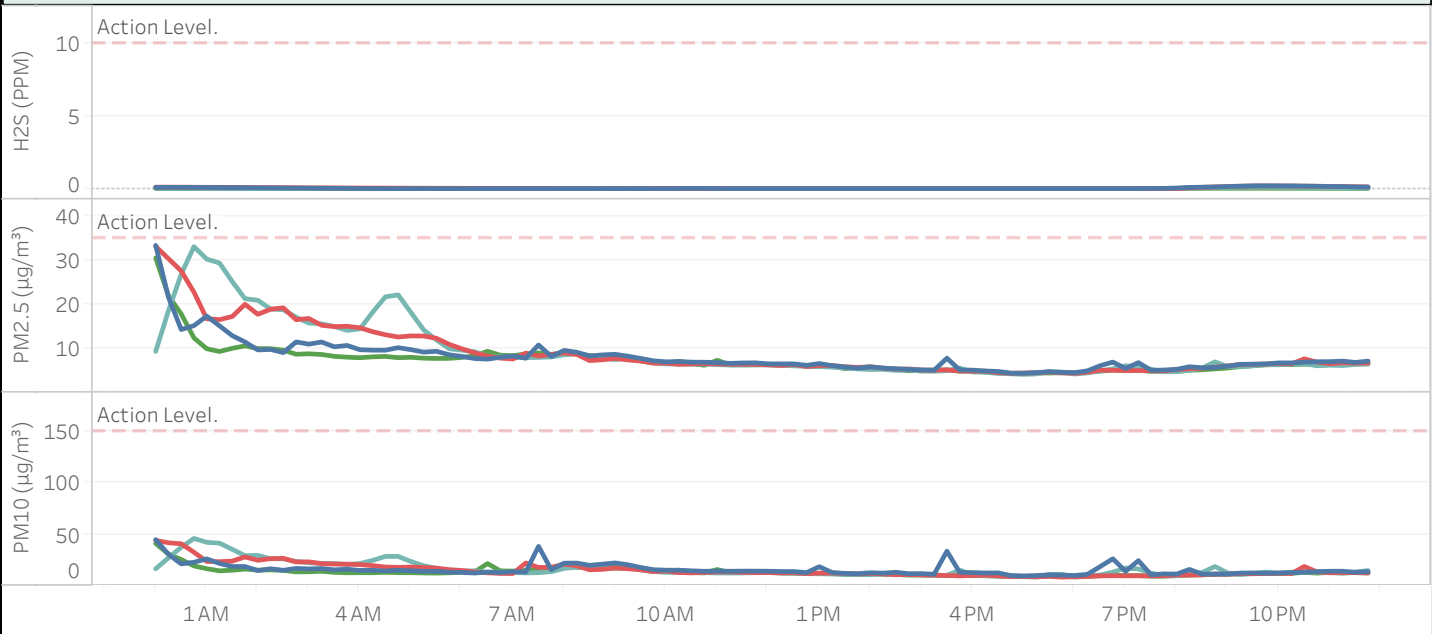


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

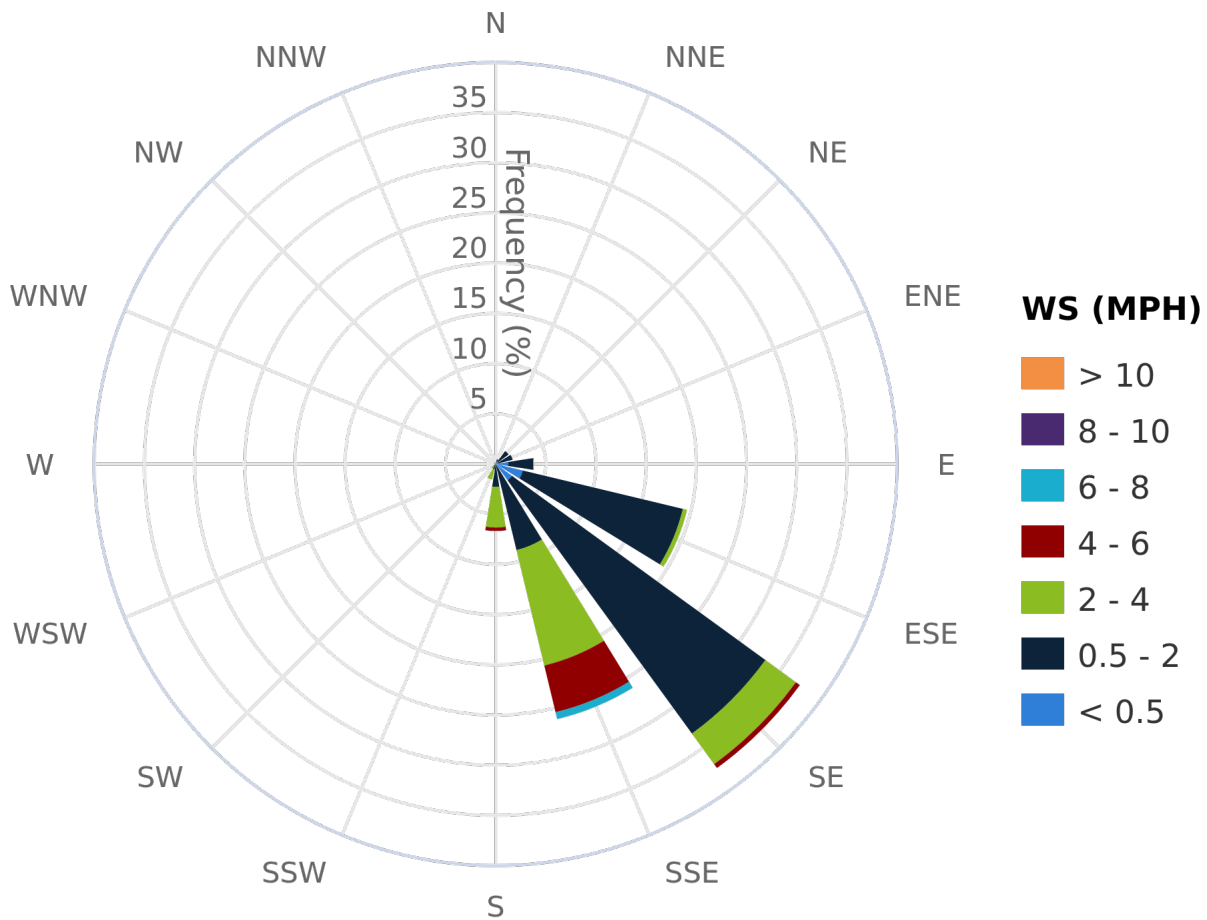


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

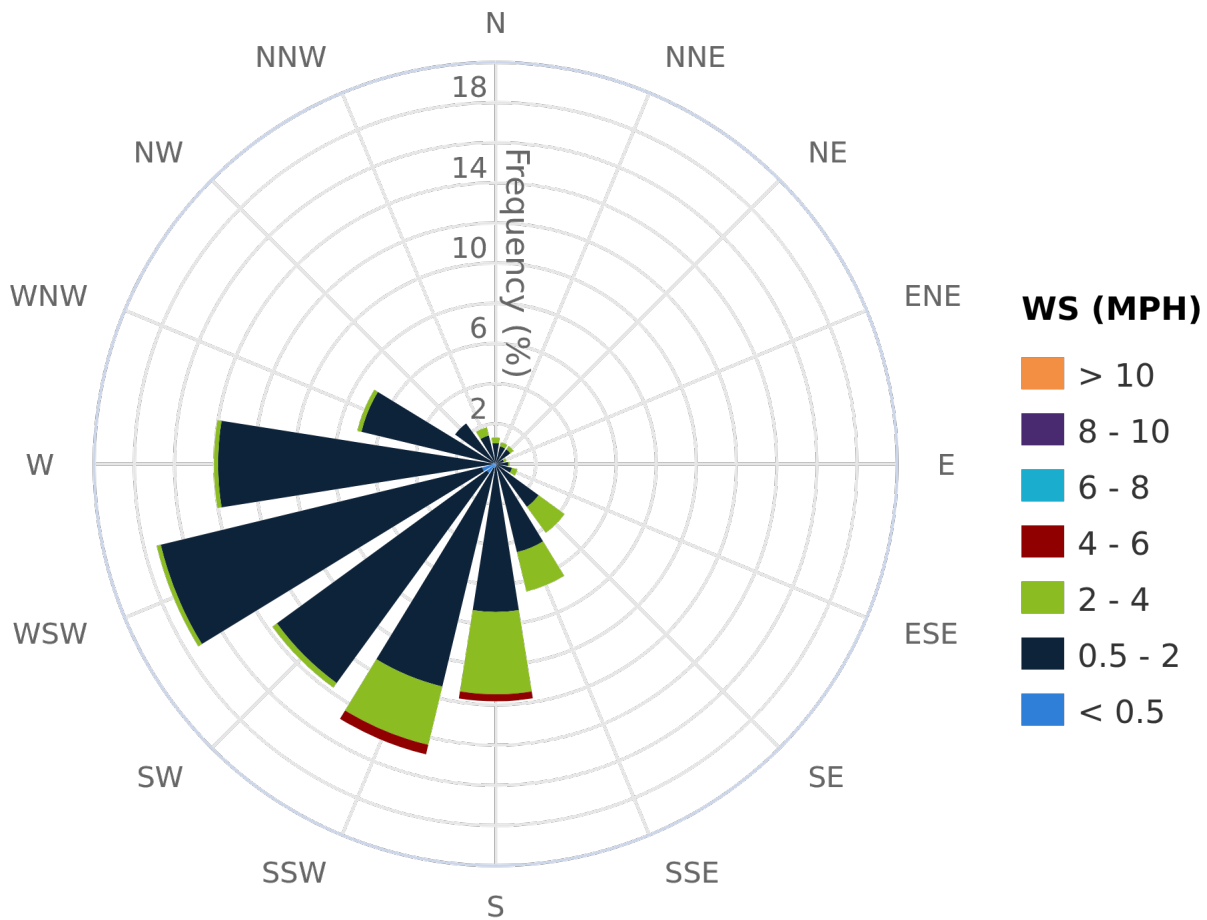


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

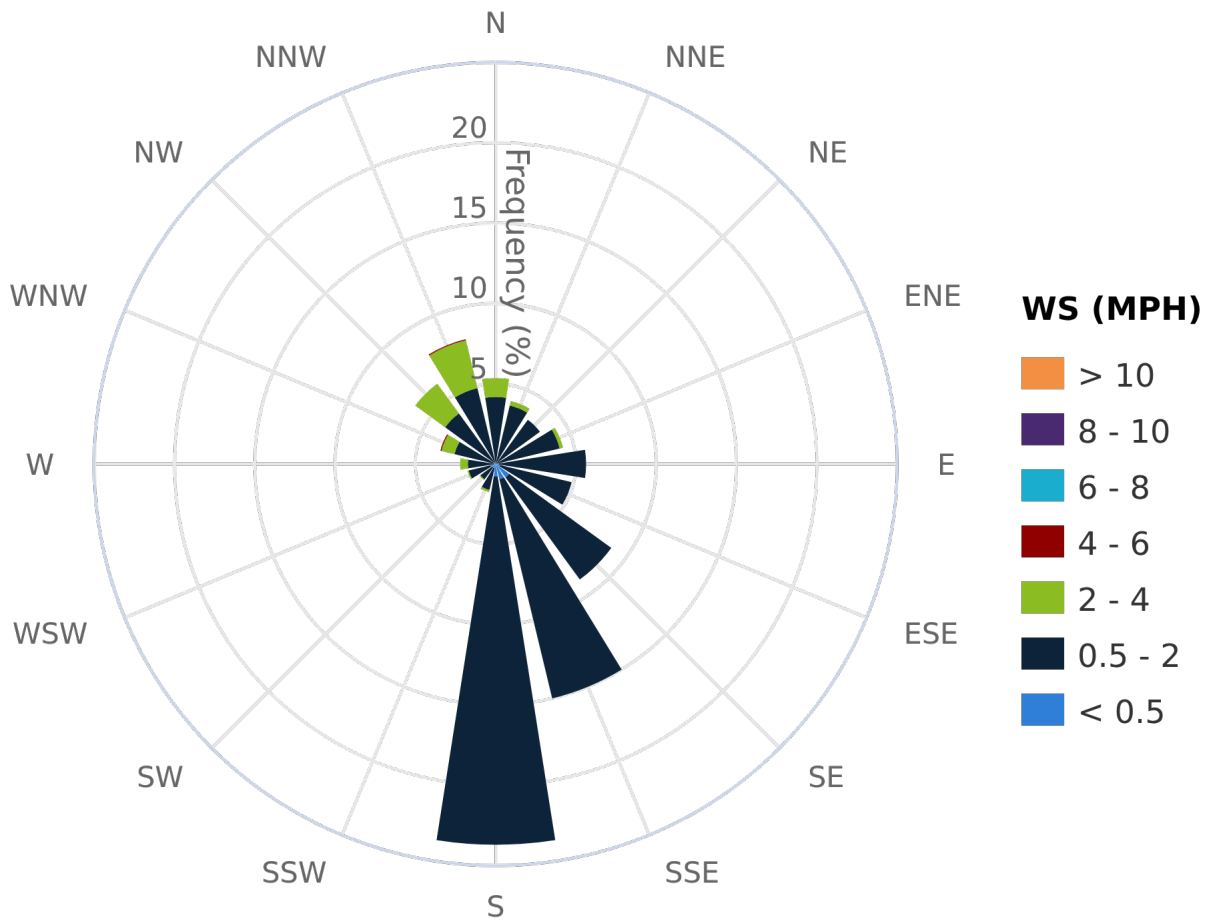


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

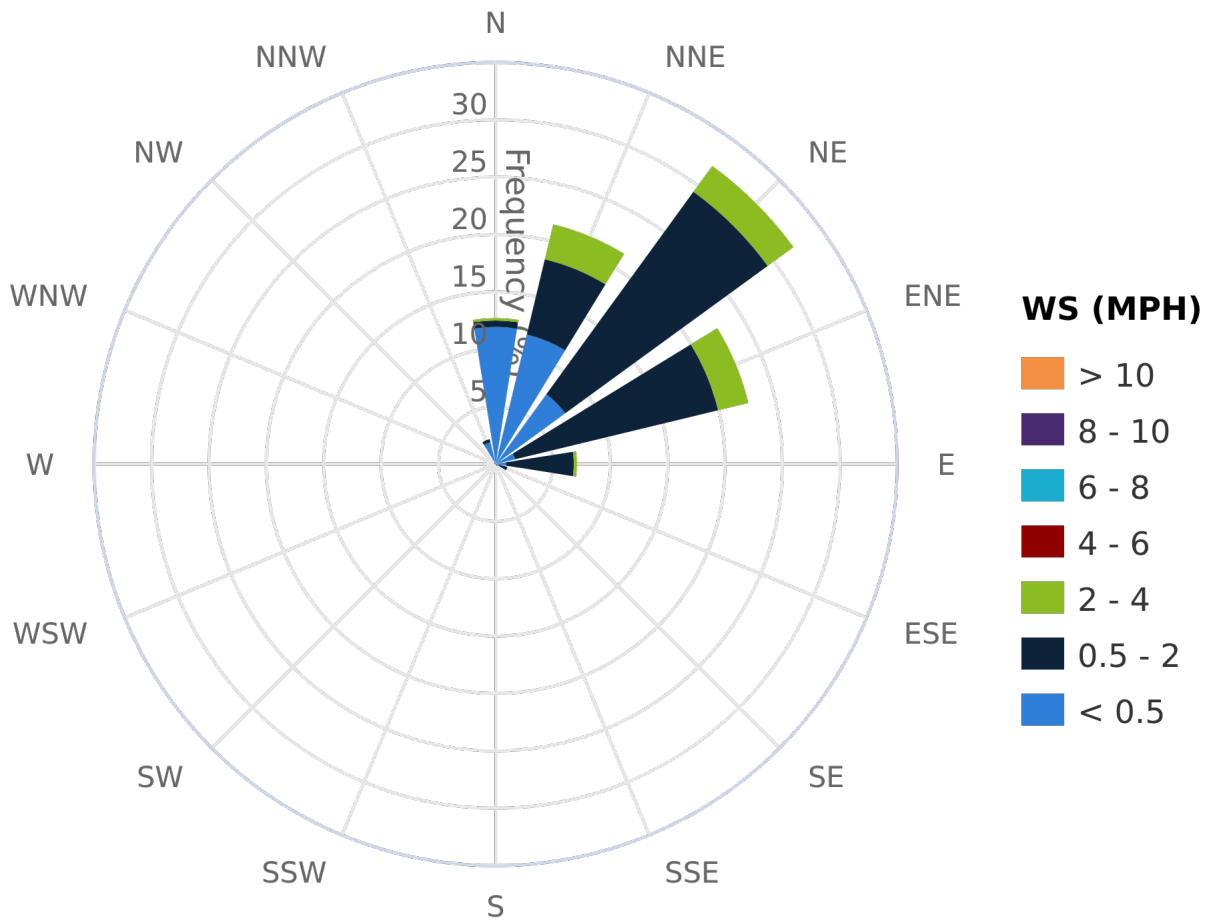


Figure 3 : Wind Rose Chart (WS in MPH)



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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	44.7	41.0	16.4	43.9	33.3	30.4	33.0	9.3	0.085	0.007	0.100	0.023
00:15:00	30.5	30.8	27.0	41.6	21.6	21.9	30.3	18.5	0.083	0.006	0.099	0.022
00:30:00	21.2	25.4	37.3	40.7	14.3	17.8	27.5	26.8	0.084	0.006	0.097	0.021
00:45:00	22.8	19.2	45.8	32.5	15.1	12.4	22.7	33.0	0.082	0.006	0.092	0.016
01:00:00	26.1	16.5	42.1	23.5	17.3	9.9	16.7	30.2	0.081	0.005	0.088	0.010
01:15:00	21.6	14.5	41.3	23.3	15.1	9.3	16.5	29.3	0.073	0.005	0.086	0.007
01:30:00	18.7	15.1	35.3	23.9	12.9	10.0	17.2	25.1	0.069	0.004	0.084	0.003
01:45:00	18.6	16.2	29.2	27.9	11.4	10.6	20.0	21.2	0.062	0.004	0.078	0.002
02:00:00	14.7	15.2	29.4	24.7	9.6	10.0	17.7	20.9	0.056	0.003	0.073	0.000
02:15:00	16.5	15.4	26.2	26.2	9.8	9.9	18.8	18.9	0.050	0.003	0.070	0.000
02:30:00	15.0	14.9	26.0	26.6	9.0	9.6	19.2	18.7	0.041	0.002	0.066	0.000
02:45:00	16.8	13.4	23.6	23.0	11.5	8.7	16.5	17.0	0.035	0.001	0.061	0.000
03:00:00	16.4	13.6	22.3	23.1	11.0	8.8	16.8	15.7	0.030	0.001	0.054	0.000
03:15:00	16.7	14.0	21.6	21.4	11.4	8.6	15.2	15.5	0.025	0.000	0.053	0.000
03:30:00	15.4	13.0	21.6	21.0	10.4	8.2	14.9	14.9	0.021	0.000	0.049	0.000
03:45:00	16.0	12.6	20.6	20.9	10.7	8.0	15.0	14.1	0.014	0.000	0.044	0.000
04:00:00	14.9	12.7	21.6	20.5	9.7	7.9	14.7	14.4	0.007	0.000	0.040	0.000
04:15:00	15.0	12.6	24.5	19.5	9.6	8.1	13.8	18.2	0.004	0.000	0.038	0.000
04:30:00	14.4	13.0	28.4	18.2	9.6	8.2	13.1	21.6	0.001	0.000	0.035	0.000
04:45:00	15.0	12.7	28.4	17.8	10.2	7.9	12.6	22.1	0.000	0.000	0.032	0.000
05:00:00	14.5	12.6	23.5	18.1	9.7	8.0	12.8	18.1	0.000	0.000	0.028	0.000
05:15:00	14.0	12.4	19.4	17.7	9.2	7.8	12.8	14.2	0.000	0.000	0.026	0.000
05:30:00	13.9	12.2	16.9	17.1	9.3	7.7	12.3	11.9	0.000	0.000	0.025	0.000
05:45:00	13.2	12.5	14.2	15.6	8.6	7.7	10.9	9.9	0.000	0.000	0.021	0.000
06:00:00	12.9	13.0	14.3	14.8	8.2	8.0	9.9	9.6	0.000	0.000	0.019	0.000
06:15:00	12.3	13.5	14.5	13.4	7.7	8.3	9.0	9.3	0.000	0.000	0.016	0.000
06:30:00	13.3	21.5	13.0	12.6	7.6	9.4	8.3	8.2	0.000	0.000	0.015	0.000
06:45:00	12.8	14.4	13.3	11.9	8.0	8.5	7.8	8.1	0.000	0.000	0.012	0.000
07:00:00	13.6	14.2	12.8	11.9	8.3	8.4	7.6	8.0	0.000	0.000	0.011	0.000
07:15:00	13.3	14.8	12.4	22.1	7.8	8.7	8.9	7.9	0.000	0.000	0.009	0.000
07:30:00	38.1	16.4	12.7	17.7	10.8	9.0	8.3	8.0	0.000	0.000	0.007	0.000
07:45:00	15.5	15.8	13.7	18.0	8.2	8.7	8.6	8.1	0.000	0.000	0.006	0.000
08:00:00	21.9	17.6	16.8	20.9	9.5	8.9	9.0	8.5	0.000	0.000	0.005	0.000
08:15:00	22.0	17.9	17.9	19.4	9.1	8.8	8.6	8.8	0.000	0.000	0.000	0.000
08:30:00	19.8	18.5	16.9	15.5	8.3	8.4	7.2	8.0	0.000	0.000	0.000	0.000
08:45:00	20.9	18.7	17.4	15.9	8.5	8.1	7.4	7.8	0.000	0.000	0.001	0.000
09:00:00	22.2	19.7	16.9	17.2	8.7	8.3	7.7	7.5	0.000	0.000	0.004	0.000
09:15:00	20.4	17.2	17.4	16.5	8.2	7.6	7.4	7.9	0.000	0.000	0.005	0.000
09:30:00	17.7	15.7	15.5	15.4	7.7	7.2	7.2	7.2	0.000	0.000	0.003	0.000
09:45:00	15.6	13.9	13.8	13.8	7.2	6.7	6.7	6.8	0.000	0.000	0.005	0.000
10:00:00	15.1	13.4	13.0	14.3	7.0	6.7	6.7	6.5	0.000	0.001	0.009	0.000
10:15:00	15.1	15.2	12.8	12.8	7.0	7.1	6.4	6.5	0.007	0.000	0.009	0.000
10:30:00	14.5	12.9	12.5	12.5	6.9	6.6	6.5	6.4	0.014	0.000	0.005	0.000
10:45:00	14.0	12.4	12.8	12.9	6.9	6.2	6.5	6.5	0.011	0.000	0.000	0.000
11:00:00	14.3	15.7	12.4	13.4	6.8	7.3	6.5	6.3	0.003	0.000	0.000	0.000
11:15:00	14.0	12.7	12.3	13.4	6.6	6.3	6.4	6.2	0.000	0.000	0.000	0.000
11:30:00	14.2	12.9	12.4	13.0	6.7	6.3	6.4	6.2	0.000	0.000	0.000	0.000
11:45:00	14.2	13.1	12.7	12.7	6.7	6.4	6.4	6.2	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	14.1	12.8	13.0	12.7	6.5	6.3	6.3	6.3	0.000	0.000	0.000	0.000
12:15:00	13.8	12.5	12.3	12.4	6.5	6.3	6.1	6.2	0.000	0.000	0.000	0.000
12:30:00	13.8	12.3	12.1	12.6	6.5	6.2	6.4	6.1	0.000	0.000	0.000	0.000
12:45:00	12.7	11.9	11.7	11.7	6.2	6.0	5.9	5.9	0.000	0.000	0.000	0.000
13:00:00	18.5	11.8	11.6	12.3	6.6	6.0	6.1	5.9	0.000	0.000	0.000	0.000
13:15:00	12.8	11.8	11.4	12.2	6.1	6.0	6.1	5.8	0.000	0.000	0.000	0.000
13:30:00	12.0	11.0	11.2	11.9	5.8	5.4	5.9	5.6	0.000	0.000	0.000	0.000
13:45:00	11.7	11.0	10.8	11.5	5.5	5.7	5.7	5.4	0.000	0.000	0.000	0.000
14:00:00	12.6	11.5	10.7	11.9	5.8	5.8	5.8	5.2	0.000	0.000	0.000	0.000
14:15:00	12.2	11.1	11.7	11.5	5.5	5.5	5.6	5.3	0.000	0.000	0.000	0.000
14:30:00	13.0	11.0	10.6	10.8	5.4	5.3	5.3	5.0	0.000	0.000	0.000	0.000
14:45:00	11.7	10.3	11.3	10.9	5.2	4.9	5.4	5.2	0.000	0.000	0.000	0.000
15:00:00	11.8	10.4	10.5	10.5	5.2	5.0	5.1	4.8	0.000	0.000	0.000	0.000
15:15:00	11.2	10.4	10.1	10.3	5.1	5.1	5.1	4.8	0.000	0.000	0.000	0.000
15:30:00	33.5	9.9	10.1	9.9	7.8	5.2	5.1	5.0	0.000	0.000	0.000	0.000
15:45:00	13.0	9.7	15.3	9.7	5.1	4.9	4.9	5.5	0.000	0.000	0.000	0.000
16:00:00	12.8	9.8	10.5	9.9	5.1	4.9	4.8	4.7	0.000	0.000	0.000	0.000
16:15:00	12.4	9.7	9.7	10.2	4.9	4.7	4.8	4.6	0.000	0.000	0.000	0.000
16:30:00	12.5	9.6	9.2	9.5	4.8	4.5	4.5	4.3	0.000	0.000	0.000	0.000
16:45:00	9.9	9.1	9.6	8.9	4.4	4.3	4.4	4.3	0.000	0.000	0.000	0.000
17:00:00	9.6	9.0	8.8	9.0	4.4	4.3	4.4	4.1	0.000	0.000	0.000	0.000
17:15:00	9.9	8.9	8.4	8.6	4.5	4.4	4.5	4.2	0.000	0.000	0.000	0.000
17:30:00	10.5	9.3	11.0	9.1	4.7	4.4	4.7	4.7	0.000	0.000	0.000	0.000
17:45:00	10.3	9.0	11.1	8.4	4.6	4.5	4.4	4.7	0.000	0.000	0.000	0.000
18:00:00	10.0	9.1	8.4	8.7	4.5	4.5	4.4	4.2	0.000	0.000	0.000	0.000
18:15:00	11.0	9.4	9.2	9.0	4.9	4.6	4.6	4.4	0.000	0.000	0.000	0.000
18:30:00	18.5	9.7	10.4	9.6	6.1	4.8	5.1	4.9	0.000	0.001	0.000	0.000
18:45:00	26.2	10.3	13.2	9.7	6.9	5.1	5.1	5.4	0.000	0.008	0.000	0.000
19:00:00	13.9	9.8	17.3	9.6	5.5	5.0	5.0	6.1	0.000	0.010	0.000	0.000
19:15:00	24.4	9.9	16.3	9.7	6.8	5.1	5.0	5.8	0.000	0.013	0.000	0.000
19:30:00	10.5	9.2	12.3	9.5	5.0	4.8	4.9	5.3	0.010	0.013	0.000	0.000
19:45:00	11.5	9.3	9.7	9.6	5.1	4.8	4.9	4.7	0.013	0.012	0.000	0.000
20:00:00	11.4	9.9	9.7	10.4	5.3	4.8	5.2	4.7	0.041	0.013	0.005	0.012
20:15:00	15.9	10.4	11.1	10.3	5.9	5.1	5.4	5.0	0.081	0.015	0.053	0.038
20:30:00	11.3	10.6	12.9	10.5	5.6	5.2	5.5	5.6	0.097	0.018	0.085	0.053
20:45:00	11.5	11.0	18.7	11.3	5.7	5.4	5.8	7.0	0.117	0.019	0.112	0.068
21:00:00	11.4	11.1	12.3	11.2	6.0	5.6	6.0	5.9	0.139	0.020	0.146	0.080
21:15:00	12.3	11.5	10.9	11.8	6.4	5.9	6.4	5.9	0.165	0.021	0.166	0.095
21:30:00	12.4	11.9	11.9	11.6	6.4	6.1	6.4	6.1	0.189	0.022	0.182	0.096
21:45:00	12.1	11.7	13.3	11.8	6.5	6.3	6.5	6.3	0.189	0.022	0.184	0.094
22:00:00	12.4	11.9	12.2	12.1	6.7	6.3	6.6	6.3	0.187	0.022	0.182	0.091
22:15:00	12.8	11.9	13.2	11.8	6.7	6.3	6.5	6.5	0.183	0.021	0.177	0.085
22:30:00	13.1	13.1	13.6	18.7	6.9	6.4	7.6	6.6	0.172	0.020	0.170	0.079
22:45:00	13.7	12.2	13.3	13.5	7.0	6.4	6.9	6.1	0.161	0.018	0.161	0.069
23:00:00	14.1	13.0	12.6	12.6	7.0	6.7	6.6	6.2	0.149	0.016	0.149	0.061
23:15:00	14.1	12.3	12.4	12.8	7.1	6.6	6.8	6.1	0.137	0.014	0.139	0.050
23:30:00	13.1	12.7	13.1	12.7	6.8	6.7	6.7	6.4	0.115	0.013	0.130	0.042
23:45:00	13.6	12.4	14.8	12.5	7.1	6.6	6.7	6.4	0.108	0.011	0.118	0.029



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

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