



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-05-02

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.800	2943 SE	3061 NNW	2996 SSW	2997 NNE	Min : 58.10 Max : 77.36	Min : 66.00 Max : 91.30	Min : 29.45 Max : 30.42

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	14.3	31.1	7.3	14.8	0.008	0.052
2996	13.1	30.4	7.1	13.6	0.003	0.029
2997	14.3	31.7	7.3	13.0	0.003	0.017
3061	14.6	29.2	7.3	13.4	0.001	0.005



Figure 1 : Monitoring Locations

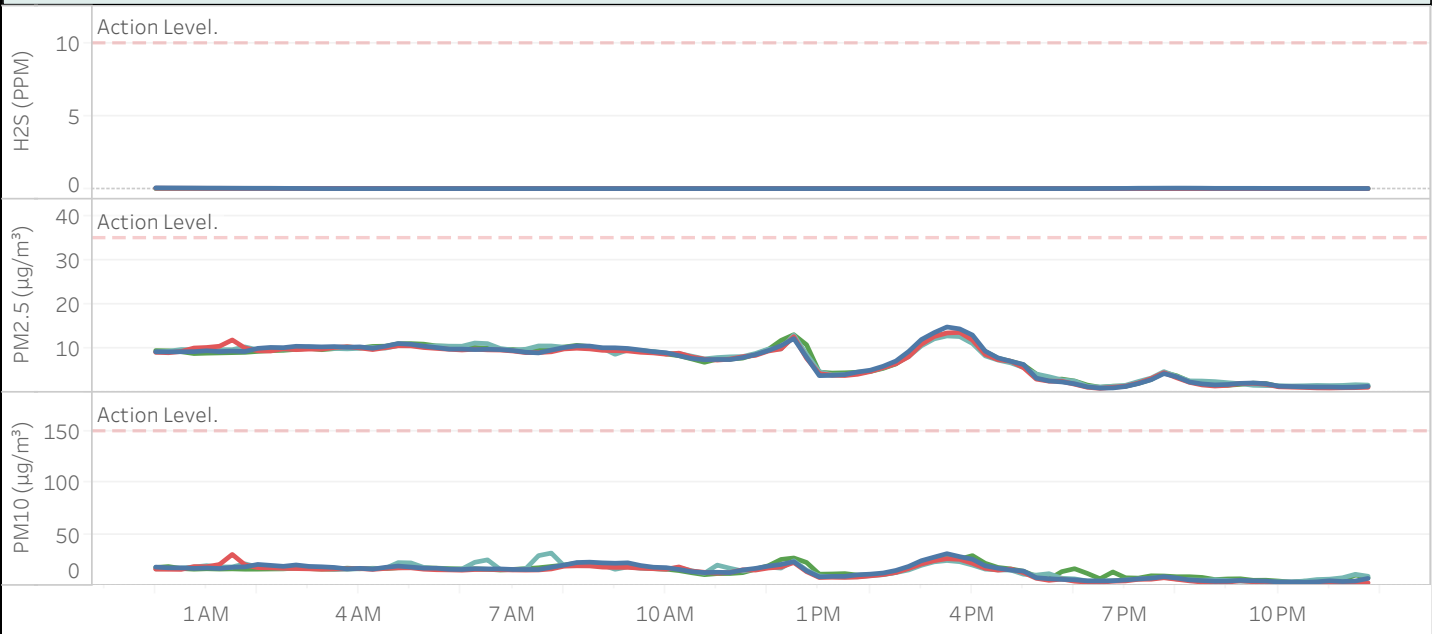


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

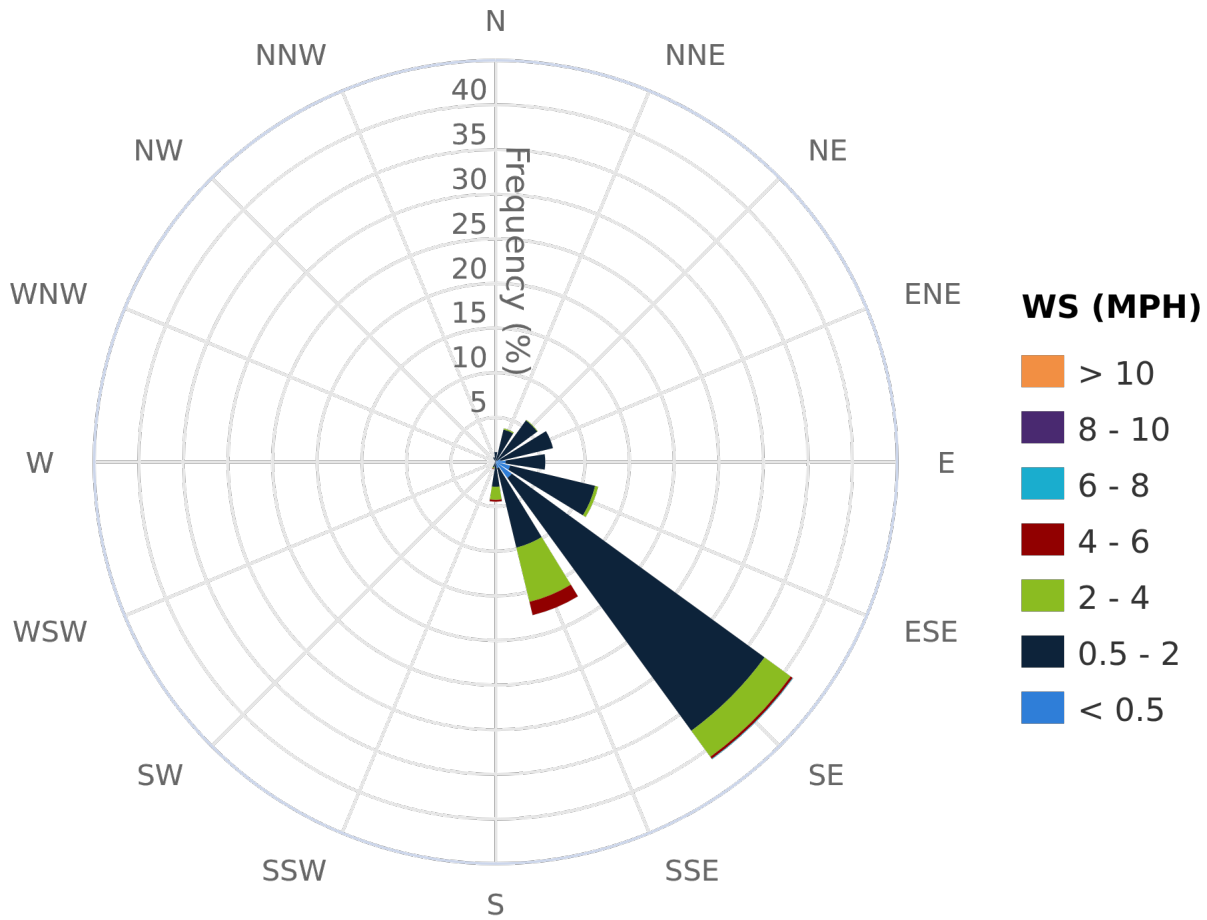


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

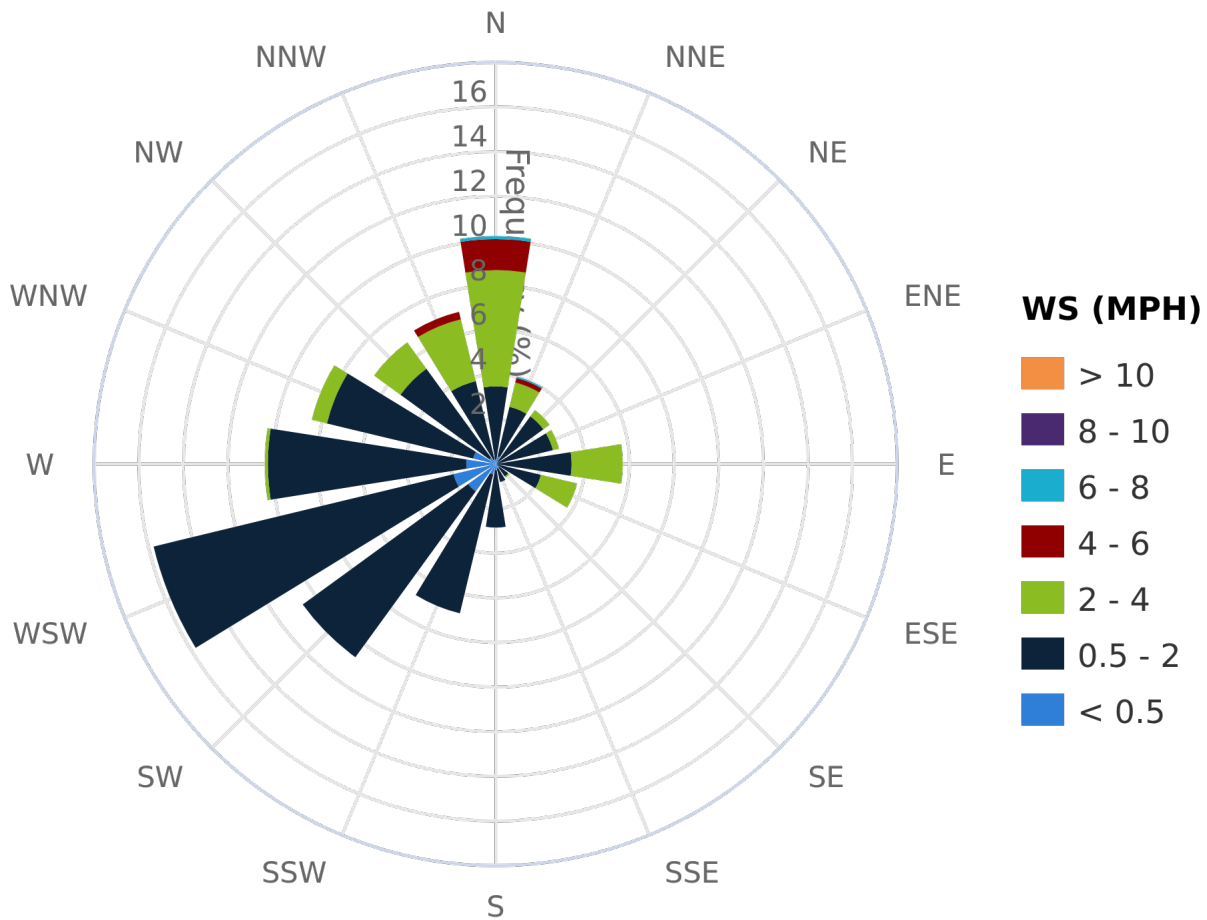


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

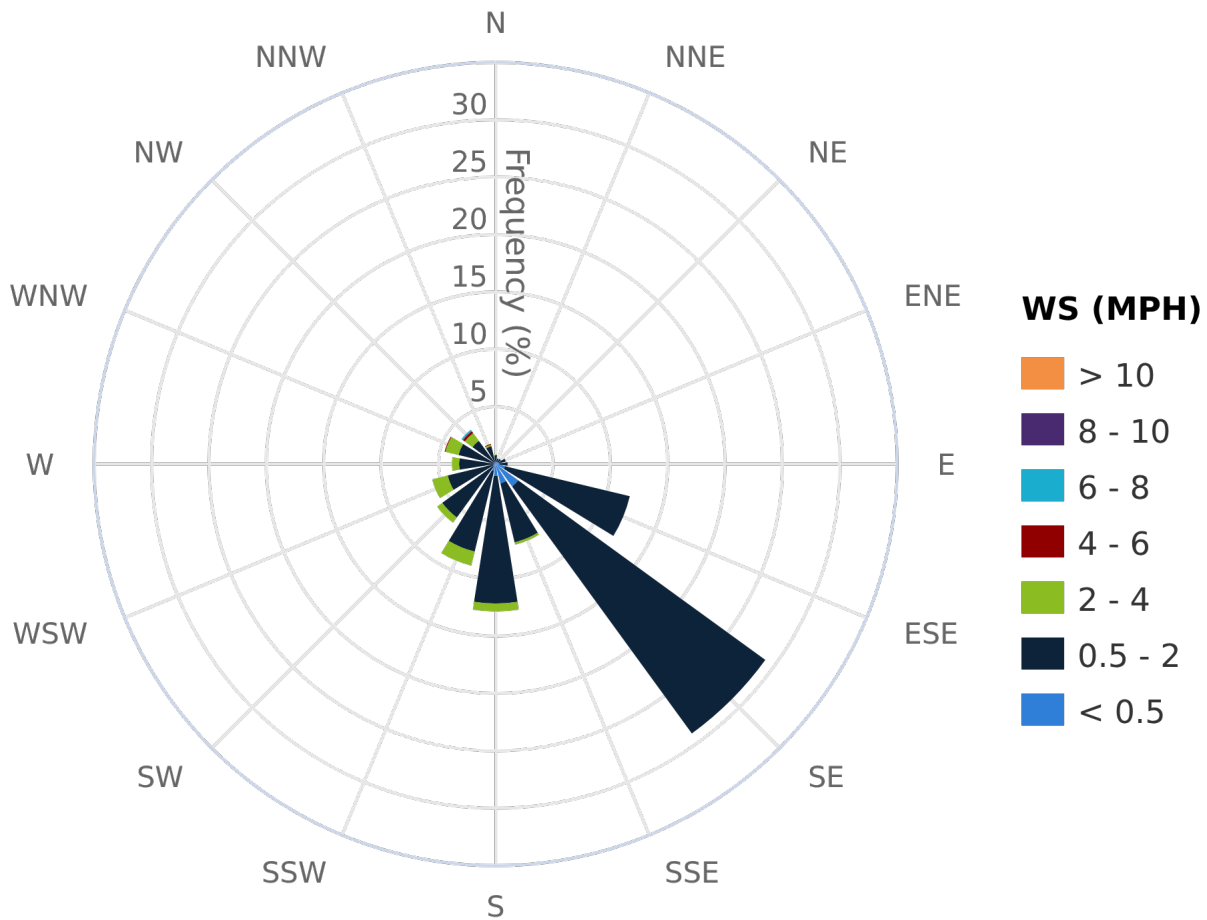


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

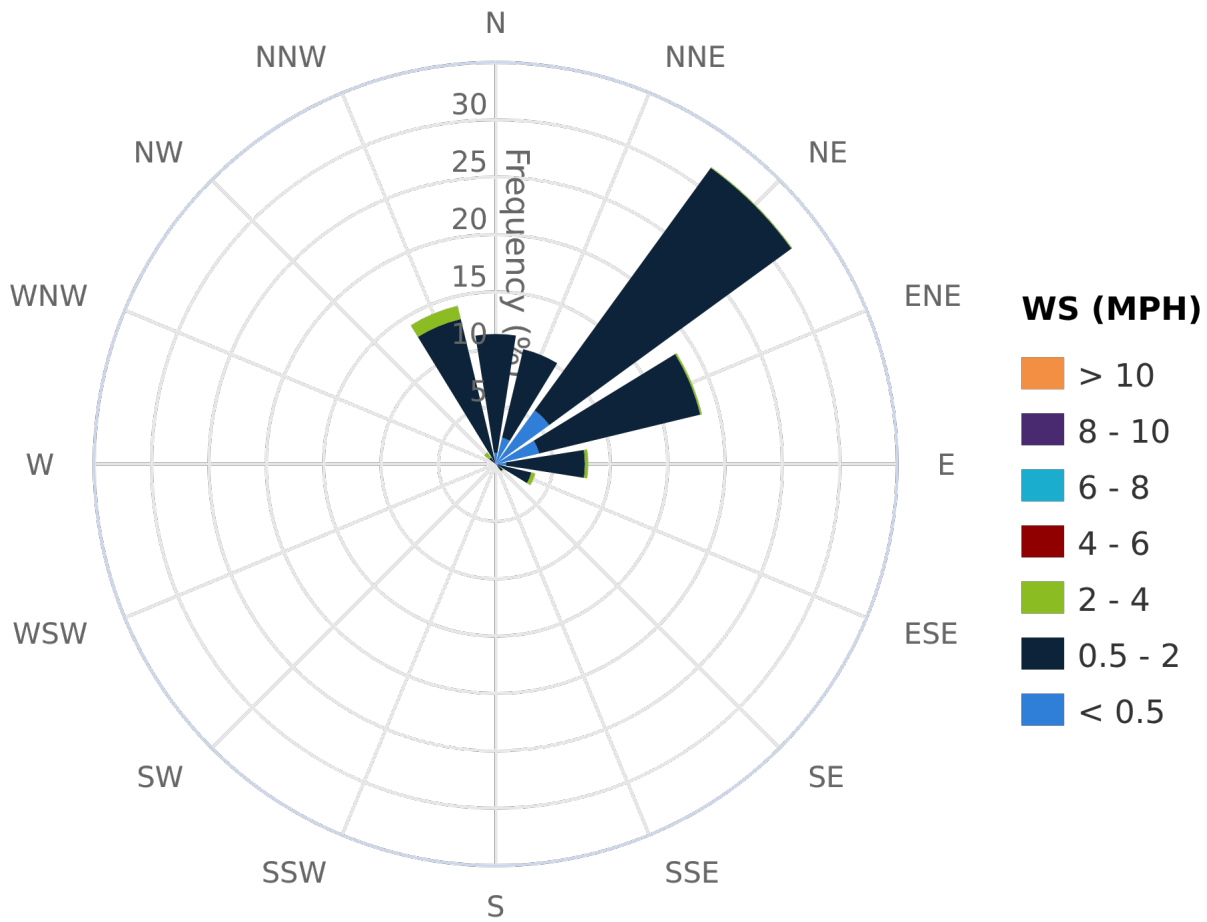


Figure 3 : Wind Rose Chart (WS in MPH)



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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	18.1	17.7	16.3	16.1	9.2	9.5	9.1	9.2	0.052	0.005	0.029	0.015
00:15:00	17.4	18.6	16.5	16.0	9.2	9.4	9.0	9.4	0.048	0.005	0.024	0.011
00:30:00	17.3	16.7	17.2	15.9	9.2	9.3	9.3	9.7	0.044	0.004	0.023	0.012
00:45:00	16.8	16.1	18.1	18.6	9.3	8.8	10.1	9.7	0.040	0.003	0.022	0.011
01:00:00	17.2	16.5	19.5	18.5	9.5	8.9	10.2	10.0	0.035	0.003	0.020	0.010
01:15:00	16.7	16.2	18.2	20.6	9.3	9.0	10.5	9.7	0.033	0.003	0.020	0.007
01:30:00	17.9	16.4	18.2	30.4	9.4	9.0	11.9	9.7	0.028	0.002	0.020	0.003
01:45:00	18.3	16.0	21.2	20.3	9.3	9.1	10.1	10.3	0.025	0.002	0.018	0.003
02:00:00	20.7	16.1	18.1	17.5	10.0	9.3	9.5	9.7	0.023	0.002	0.018	0.001
02:15:00	19.8	16.3	17.4	17.4	10.2	9.5	9.4	9.7	0.021	0.002	0.019	0.000
02:30:00	18.8	16.4	17.0	16.9	10.2	9.6	9.9	9.8	0.017	0.001	0.018	0.000
02:45:00	20.2	17.1	17.4	16.6	10.5	9.8	9.7	9.9	0.013	0.000	0.015	0.000
03:00:00	18.8	16.7	17.8	16.4	10.4	10.0	9.8	10.3	0.007	0.000	0.014	0.000
03:15:00	18.4	16.1	17.0	16.0	10.3	9.7	9.8	10.2	0.003	0.000	0.014	0.000
03:30:00	17.7	16.1	15.9	16.3	10.4	9.9	10.2	10.0	0.001	0.000	0.013	0.000
03:45:00	16.3	17.1	15.9	16.5	10.3	10.3	10.4	9.9	0.000	0.000	0.011	0.000
04:00:00	16.9	16.5	16.5	16.7	10.3	10.1	10.1	10.0	0.000	0.000	0.006	0.000
04:15:00	16.1	16.9	16.7	15.8	10.0	10.4	9.7	10.2	0.000	0.000	0.008	0.000
04:30:00	17.8	16.7	16.8	16.8	10.5	10.5	10.2	10.1	0.000	0.000	0.005	0.000
04:45:00	19.1	17.5	22.4	17.3	11.1	11.0	10.6	10.6	0.000	0.000	0.000	0.000
05:00:00	18.1	17.8	22.1	17.4	10.9	11.1	10.6	10.7	0.000	0.000	0.000	0.000
05:15:00	17.1	17.4	17.8	16.1	10.5	11.0	10.2	10.5	0.000	0.000	0.000	0.000
05:30:00	17.0	17.1	16.4	15.5	10.2	10.6	10.0	10.6	0.000	0.000	0.000	0.000
05:45:00	15.9	16.6	16.1	15.4	9.8	10.5	9.8	10.5	0.000	0.000	0.000	0.000
06:00:00	15.8	16.3	16.3	15.1	9.8	10.2	9.6	10.5	0.000	0.000	0.000	0.000
06:15:00	16.5	16.4	22.7	15.7	9.7	10.2	9.8	11.2	0.000	0.000	0.000	0.000
06:30:00	16.3	16.0	25.1	15.8	9.8	10.0	9.7	11.1	0.000	0.000	0.000	0.000
06:45:00	16.3	15.3	15.8	15.5	9.7	9.8	9.6	10.0	0.000	0.000	0.000	0.000
07:00:00	15.8	15.8	15.5	15.3	9.5	9.7	9.4	9.6	0.000	0.000	0.000	0.000
07:15:00	15.7	16.6	16.5	15.2	9.1	9.5	9.0	9.8	0.000	0.000	0.000	0.000
07:30:00	15.7	17.4	29.2	15.3	9.0	9.5	9.1	10.6	0.000	0.000	0.000	0.000
07:45:00	18.0	18.7	31.7	16.3	9.6	9.9	9.2	10.5	0.000	0.000	0.000	0.000
08:00:00	20.1	20.1	19.3	19.0	10.2	10.3	9.9	10.3	0.000	0.000	0.000	0.000
08:15:00	22.5	21.9	20.3	19.3	10.6	10.7	10.0	10.3	0.000	0.000	0.000	0.000
08:30:00	22.9	21.0	20.6	19.2	10.5	10.4	9.9	10.3	0.000	0.000	0.000	0.000
08:45:00	22.2	19.1	20.1	18.1	10.1	9.9	9.6	10.1	0.000	0.000	0.000	0.000
09:00:00	21.8	18.6	16.0	17.8	10.1	9.8	9.5	8.7	0.000	0.000	0.000	0.000
09:15:00	22.2	18.7	18.3	17.8	10.0	9.7	9.4	9.7	0.000	0.000	0.000	0.000
09:30:00	19.6	17.7	17.0	17.0	9.6	9.5	9.1	9.4	0.000	0.000	0.000	0.000
09:45:00	18.0	16.6	16.7	16.5	9.3	9.2	9.0	9.3	0.000	0.000	0.000	0.000
10:00:00	17.5	16.1	16.1	16.0	9.0	8.7	8.7	8.9	0.000	0.000	0.000	0.000
10:15:00	15.8	14.7	17.5	18.2	8.4	8.3	8.9	8.8	0.000	0.000	0.000	0.000
10:30:00	13.7	12.6	14.5	14.2	7.7	7.6	8.1	8.2	0.000	0.000	0.000	0.000
10:45:00	12.8	10.8	12.1	13.0	7.4	6.9	7.6	7.6	0.000	0.000	0.000	0.000
11:00:00	13.1	11.8	20.0	12.2	7.5	7.6	7.4	7.9	0.000	0.000	0.000	0.000
11:15:00	12.8	11.9	16.9	12.9	7.5	7.6	7.6	8.1	0.000	0.000	0.000	0.000
11:30:00	15.3	12.7	14.2	15.4	7.9	7.8	8.1	8.2	0.000	0.000	0.000	0.000
11:45:00	16.8	16.2	16.1	15.2	8.6	8.7	8.4	8.8	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	19.0	19.3	18.2	17.2	9.5	9.7	9.4	9.8	0.000	0.000	0.000	0.000
12:15:00	20.7	25.5	17.1	18.2	10.6	11.8	9.9	9.9	0.000	0.000	0.000	0.000
12:30:00	23.3	26.9	24.1	22.5	12.2	13.1	12.6	13.0	0.000	0.000	0.000	0.000
12:45:00	14.4	22.6	15.2	13.7	8.0	10.8	7.8	8.7	0.000	0.000	0.000	0.000
13:00:00	8.6	11.2	9.4	8.0	3.8	4.6	4.3	4.8	0.000	0.000	0.000	0.000
13:15:00	9.1	11.4	8.8	8.3	3.9	4.4	3.9	4.0	0.000	0.000	0.000	0.000
13:30:00	9.1	11.8	8.6	8.1	4.1	4.5	3.9	4.1	0.000	0.000	0.000	0.000
13:45:00	10.6	10.3	8.7	8.5	4.7	4.6	4.1	4.3	0.000	0.000	0.000	0.000
14:00:00	11.3	10.6	9.8	9.6	5.1	4.8	4.8	4.9	0.000	0.000	0.000	0.000
14:15:00	12.3	11.1	10.7	10.9	6.0	5.5	5.6	5.6	0.000	0.000	0.000	0.000
14:30:00	14.9	13.0	12.8	12.9	7.1	6.5	6.5	6.6	0.000	0.000	0.000	0.000
14:45:00	18.7	17.2	15.3	16.7	9.3	8.4	8.1	8.2	0.000	0.000	0.000	0.000
15:00:00	24.3	22.7	19.8	21.1	12.0	10.9	10.9	10.6	0.000	0.000	0.000	0.000
15:15:00	27.7	26.2	23.2	24.3	13.6	12.8	12.7	12.2	0.000	0.000	0.000	0.000
15:30:00	31.1	26.3	24.5	26.2	14.8	13.4	13.5	12.8	0.000	0.000	0.000	0.000
15:45:00	28.2	25.8	23.3	25.6	14.4	13.0	13.6	12.7	0.000	0.000	0.000	0.000
16:00:00	25.7	29.2	20.1	21.8	13.0	12.2	11.9	11.1	0.000	0.000	0.000	0.000
16:15:00	19.3	21.8	16.1	16.9	9.4	9.3	8.6	8.3	0.000	0.000	0.000	0.000
16:30:00	17.0	17.7	15.3	15.1	7.9	7.8	7.5	7.4	0.000	0.000	0.000	0.000
16:45:00	15.2	16.3	15.2	16.2	7.1	7.1	7.1	6.7	0.000	0.000	0.000	0.000
17:00:00	14.2	14.1	11.2	12.7	6.4	6.3	5.6	5.7	0.000	0.000	0.000	0.000
17:15:00	7.8	9.1	10.3	7.2	3.3	4.2	3.1	4.2	0.000	0.000	0.000	0.000
17:30:00	6.9	6.4	11.7	5.3	2.6	2.9	2.6	3.6	0.000	0.000	0.000	0.000
17:45:00	6.2	13.7	7.3	6.5	2.4	3.1	2.6	2.9	0.000	0.000	0.000	0.000
18:00:00	5.8	16.5	6.7	4.4	2.0	2.6	1.9	2.6	0.000	0.000	0.000	0.000
18:15:00	4.8	12.0	4.6	3.5	1.3	1.7	1.2	1.4	0.001	0.000	0.000	0.000
18:30:00	4.7	6.8	4.4	3.4	1.0	1.2	1.0	1.3	0.008	0.000	0.000	0.000
18:45:00	4.8	13.4	5.0	4.4	1.1	1.5	1.2	1.4	0.011	0.000	0.000	0.000
19:00:00	5.6	7.7	5.5	4.7	1.4	1.5	1.5	1.7	0.015	0.001	0.000	0.001
19:15:00	6.6	7.4	6.4	6.3	2.1	2.1	2.2	2.5	0.026	0.001	0.000	0.009
19:30:00	7.3	9.7	7.4	6.4	2.9	3.0	3.2	3.3	0.027	0.002	0.001	0.015
19:45:00	8.8	9.5	8.3	7.8	4.3	4.5	4.5	4.8	0.030	0.002	0.001	0.017
20:00:00	7.5	8.7	6.6	6.3	3.6	3.8	3.4	3.7	0.033	0.002	0.000	0.016
20:15:00	5.7	8.8	5.8	4.8	2.4	2.6	2.3	2.7	0.032	0.001	0.001	0.015
20:30:00	5.0	8.1	5.4	3.6	2.0	2.0	1.7	2.6	0.028	0.001	0.000	0.013
20:45:00	4.5	6.0	5.8	3.5	1.7	1.7	1.5	2.5	0.019	0.001	0.000	0.008
21:00:00	4.5	6.6	5.2	3.5	1.8	1.7	1.6	2.2	0.019	0.001	0.000	0.006
21:15:00	5.2	6.8	4.5	4.9	2.1	1.9	2.1	2.0	0.019	0.001	0.000	0.008
21:30:00	4.8	5.3	4.1	3.9	2.2	2.1	2.1	1.7	0.019	0.001	0.000	0.010
21:45:00	4.6	5.4	3.7	4.1	2.0	2.1	1.9	1.6	0.015	0.000	0.000	0.009
22:00:00	3.6	4.5	3.9	3.0	1.5	1.4	1.3	1.6	0.012	0.000	0.000	0.007
22:15:00	3.7	3.4	3.7	3.2	1.4	1.3	1.2	1.5	0.011	0.000	0.000	0.005
22:30:00	3.4	4.4	4.6	2.6	1.3	1.3	1.2	1.6	0.009	0.001	0.000	0.005
22:45:00	3.8	3.5	6.0	2.4	1.3	1.2	1.1	1.6	0.010	0.001	0.000	0.005
23:00:00	4.8	4.3	6.4	2.4	1.3	1.2	1.0	1.6	0.006	0.000	0.000	0.005
23:15:00	4.1	5.1	7.7	2.7	1.2	1.2	1.1	1.6	0.005	0.000	0.000	0.005
23:30:00	4.6	10.5	11.1	2.7	1.2	1.4	1.1	1.8	0.007	0.000	0.000	0.004
23:45:00	7.1	7.9	9.2	2.9	1.4	1.4	1.2	1.7	0.007	0.001	0.000	0.005



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

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