



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-25

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 8.858	2943 SSE	3061 SSW	2996 ESE	2997 WNW	Min : 69.62 Max : 102.4	Min : 44.50 Max : 85.80	Min : 29.96 Max : 30.16

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	14.0	26.8	5.7	9.9	0.016	0.102
2996	12.1	20.8	5.7	11.3	0.011	0.074
2997	18.1	32.2	6.4	11.4	0.002	0.023
3061	12.6	18.8	5.6	9.7	0.002	0.015



Figure 1 : Monitoring Locations

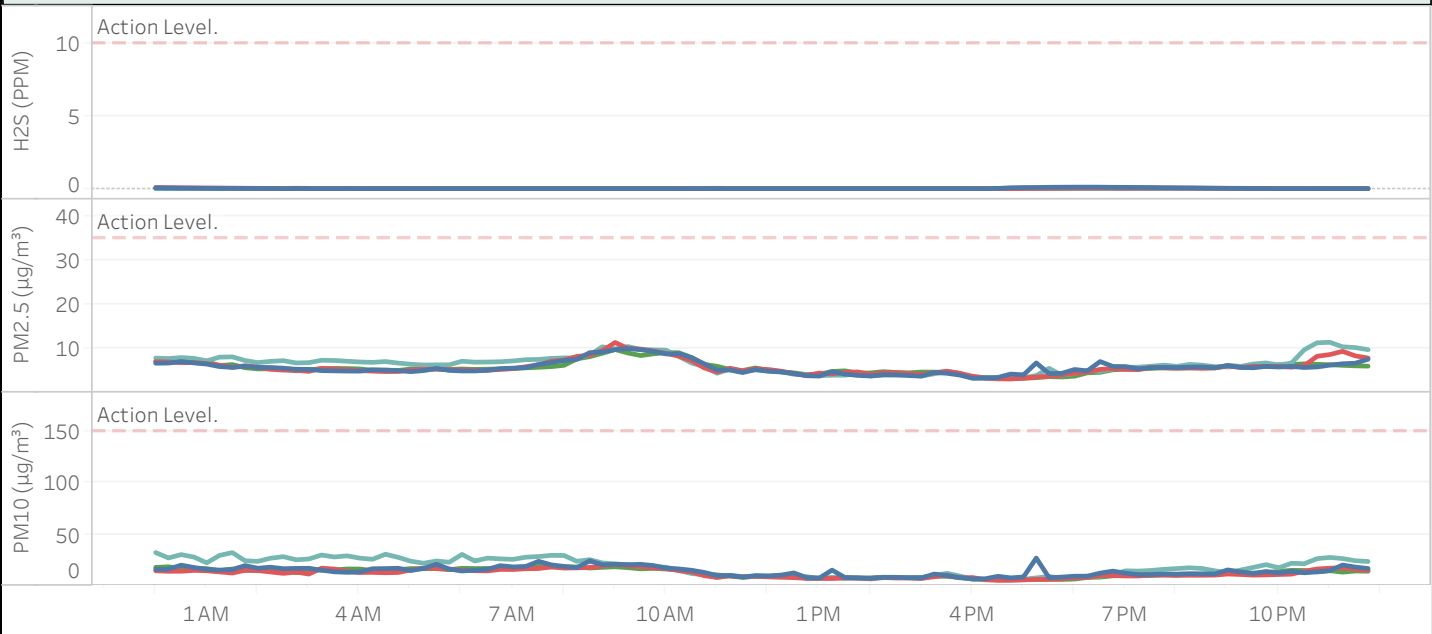


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

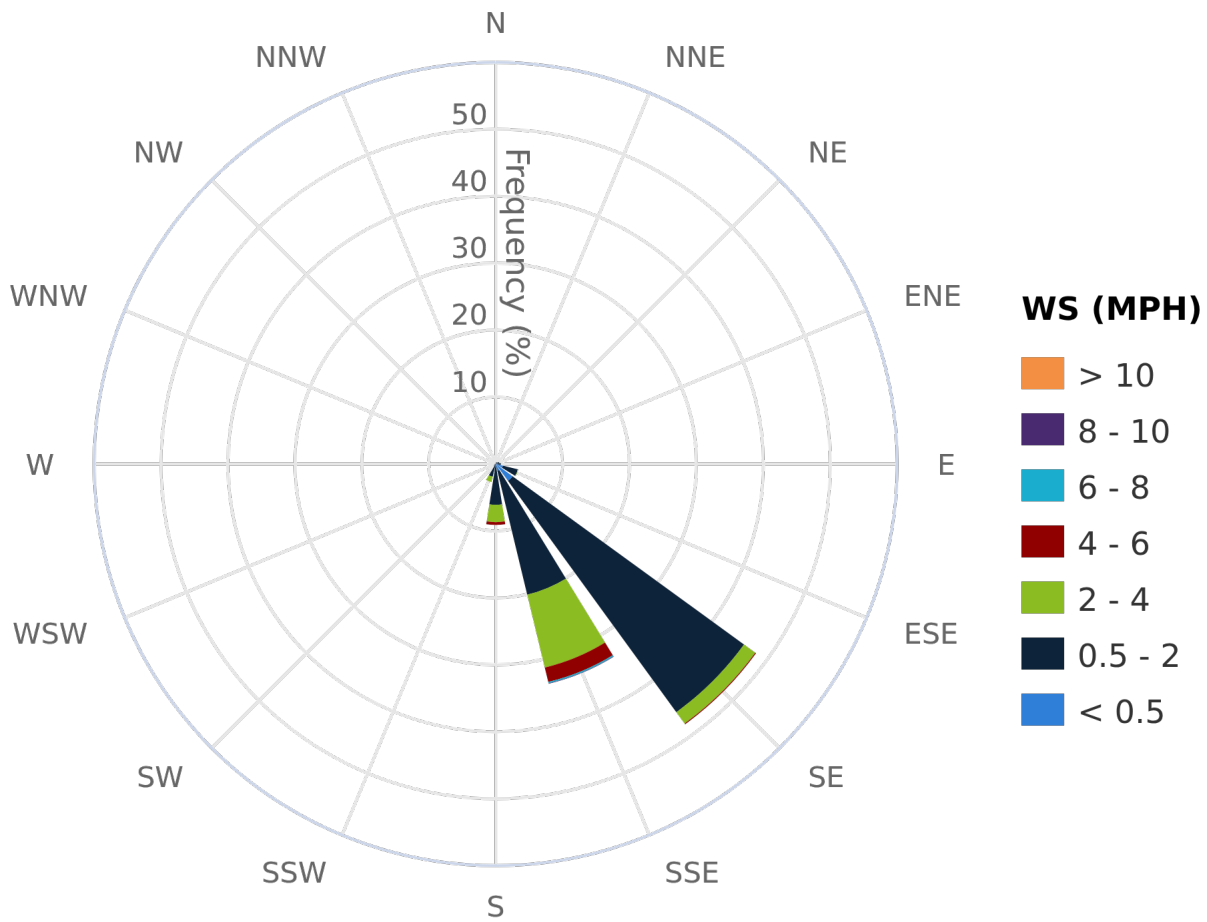


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

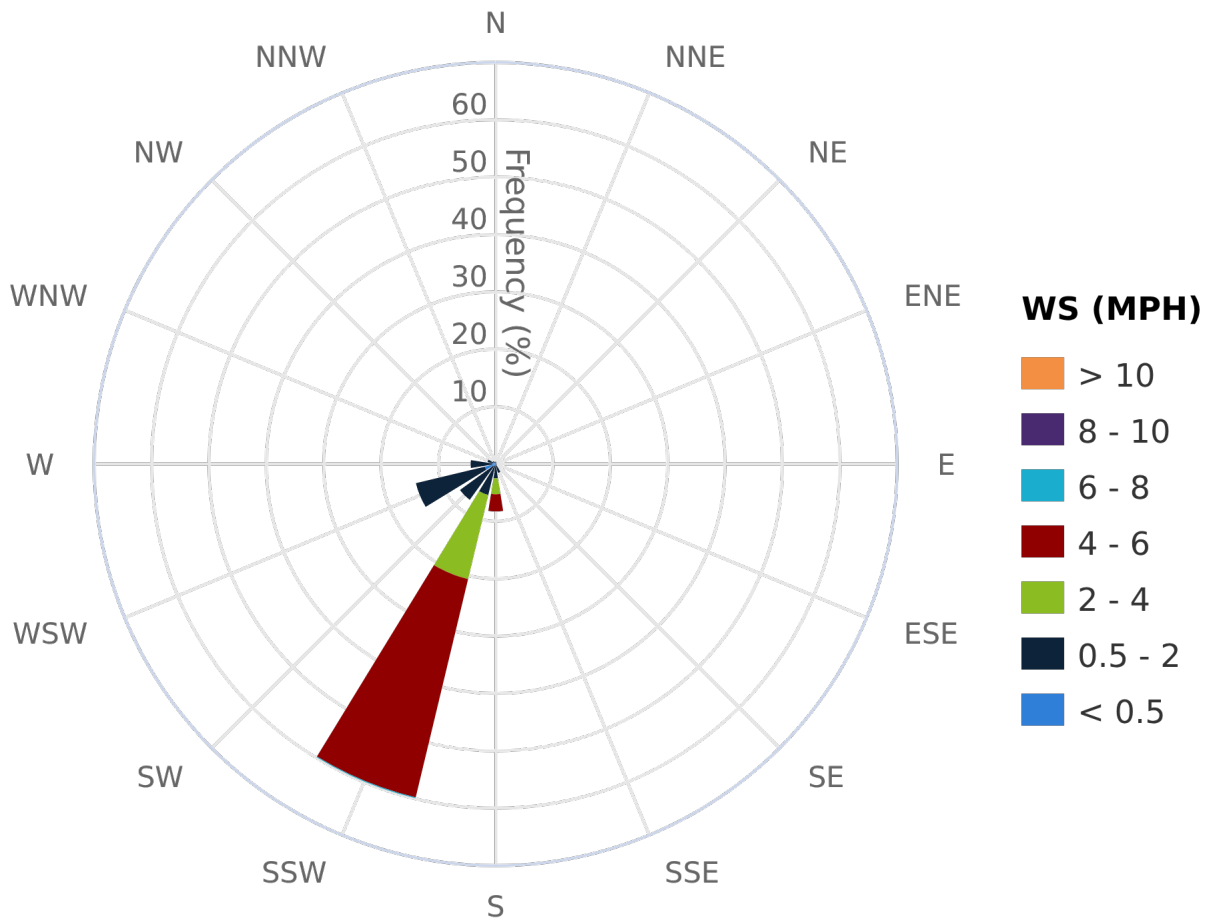


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

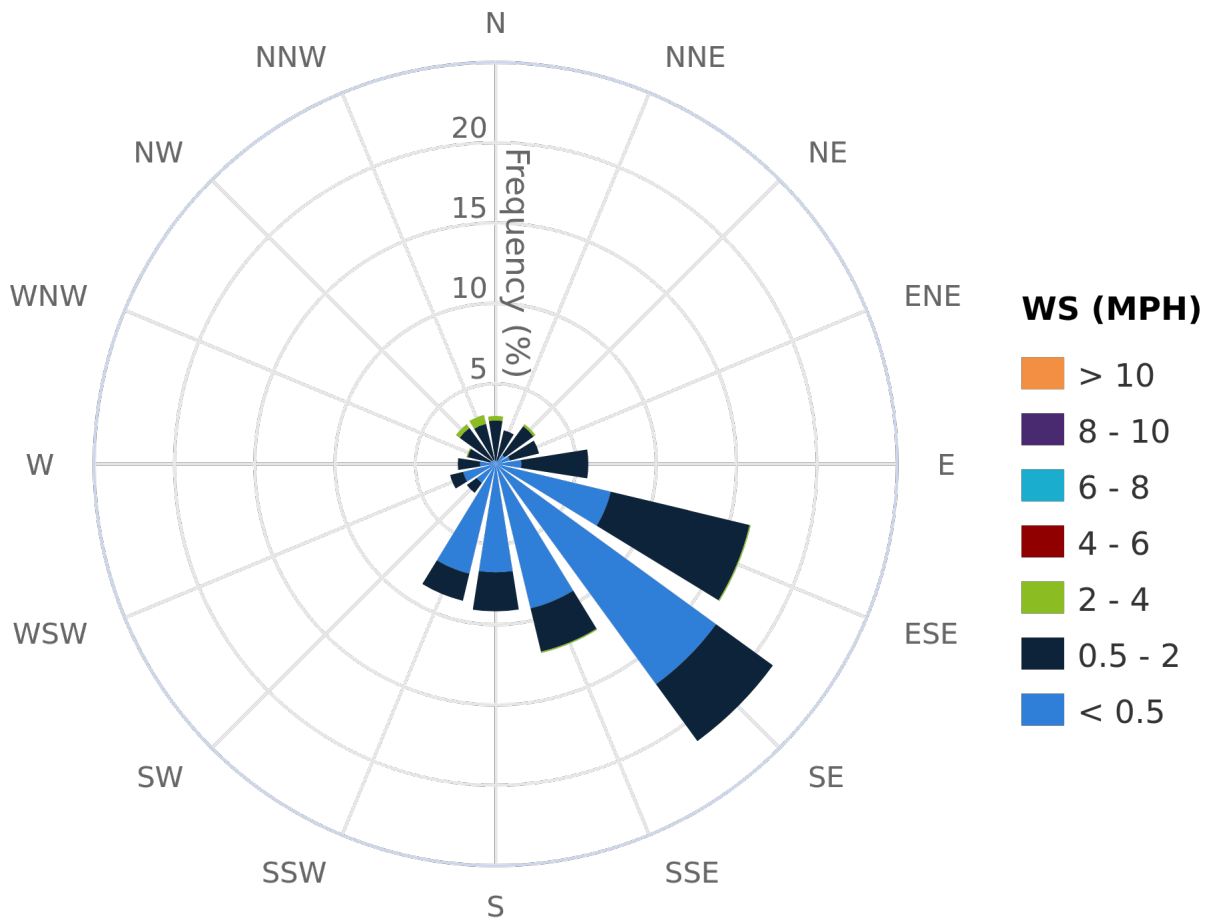


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

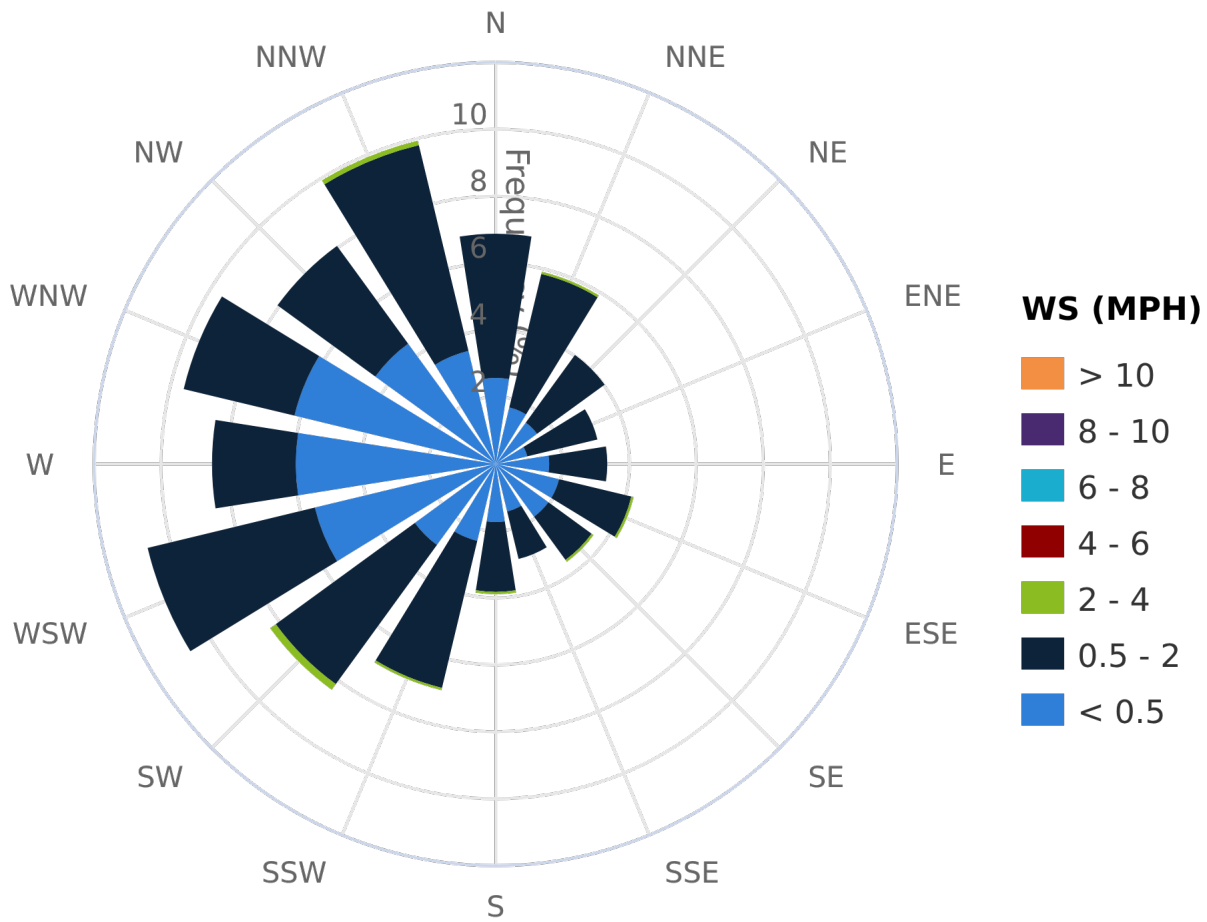


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.9	17.8	32.2	14.5	6.6	7.1	7.0	7.8	0.057	0.006	0.074	0.000
00:15:00	16.1	18.4	26.9	14.0	6.7	7.1	6.9	7.7	0.043	0.004	0.062	0.000
00:30:00	20.0	16.9	30.2	14.1	7.0	7.0	6.8	7.9	0.035	0.004	0.054	0.000
00:45:00	17.7	17.0	27.8	14.9	6.7	7.1	6.8	7.7	0.029	0.004	0.048	0.000
01:00:00	15.9	16.6	22.2	14.5	6.5	7.0	6.6	7.2	0.022	0.003	0.042	0.000
01:15:00	15.2	14.5	29.4	13.4	5.9	6.1	6.2	8.0	0.013	0.002	0.040	0.000
01:30:00	15.7	16.2	32.2	12.4	5.7	6.3	5.7	8.1	0.009	0.002	0.032	0.000
01:45:00	19.5	15.0	24.2	15.0	6.0	5.6	6.1	7.3	0.011	0.001	0.025	0.000
02:00:00	17.0	15.0	23.6	14.7	5.7	5.4	5.8	6.8	0.011	0.001	0.018	0.000
02:15:00	18.0	15.7	26.7	13.4	5.7	5.4	5.3	7.1	0.005	0.001	0.014	0.000
02:30:00	16.5	14.9	28.2	12.0	5.5	5.3	5.1	7.2	0.000	0.002	0.012	0.000
02:45:00	16.8	12.6	25.2	13.3	5.3	4.9	5.0	6.7	0.000	0.002	0.024	0.000
03:00:00	16.9	15.3	25.9	11.3	5.3	5.2	4.8	6.8	0.000	0.001	0.016	0.000
03:15:00	15.1	15.2	29.8	17.1	5.0	5.4	5.5	7.3	0.000	0.001	0.008	0.000
03:30:00	13.5	15.4	27.9	16.2	4.9	5.5	5.3	7.3	0.000	0.000	0.009	0.000
03:45:00	13.0	16.3	29.0	13.8	4.9	5.4	5.2	7.1	0.000	0.000	0.018	0.000
04:00:00	13.4	16.2	26.7	12.8	4.9	5.4	5.0	6.9	0.000	0.000	0.009	0.000
04:15:00	16.5	14.7	25.7	13.0	5.2	5.1	4.9	6.8	0.000	0.000	0.003	0.000
04:30:00	16.6	15.5	30.5	12.6	5.1	5.1	4.8	7.0	0.000	0.000	0.004	0.000
04:45:00	16.9	15.4	27.5	12.9	5.0	5.0	4.8	6.7	0.000	0.000	0.004	0.000
05:00:00	14.7	16.7	23.8	15.4	4.7	5.3	5.1	6.4	0.000	0.000	0.001	0.000
05:15:00	16.8	16.5	21.8	17.1	5.0	5.5	5.3	6.2	0.000	0.000	0.000	0.000
05:30:00	20.9	16.7	24.0	16.7	5.5	5.4	5.3	6.3	0.000	0.000	0.000	0.000
05:45:00	16.2	15.6	22.8	16.2	5.0	5.2	5.2	6.3	0.000	0.000	0.000	0.000
06:00:00	14.3	16.9	30.4	15.1	4.9	5.3	5.1	7.1	0.000	0.000	0.000	0.000
06:15:00	15.0	16.7	24.0	14.6	4.9	5.2	5.1	6.9	0.000	0.000	0.000	0.000
06:30:00	15.9	16.8	26.8	14.4	5.1	5.3	5.0	6.9	0.000	0.000	0.000	0.000
06:45:00	19.4	16.9	26.1	15.8	5.4	5.3	5.3	7.0	0.000	0.000	0.000	0.000
07:00:00	18.3	17.2	25.6	15.7	5.5	5.5	5.4	7.2	0.000	0.000	0.000	0.000
07:15:00	18.7	17.4	27.7	16.5	5.7	5.6	5.9	7.4	0.000	0.000	0.000	0.000
07:30:00	23.7	18.8	28.3	16.7	6.4	5.7	6.3	7.5	0.000	0.000	0.000	0.000
07:45:00	20.2	18.2	29.5	18.2	6.8	5.9	7.1	7.7	0.000	0.000	0.000	0.000
08:00:00	18.7	18.3	29.3	17.1	7.3	6.2	7.4	7.9	0.000	0.000	0.000	0.000
08:15:00	17.6	18.2	23.7	17.3	7.5	7.6	8.2	7.9	0.000	0.000	0.000	0.000
08:30:00	24.1	17.2	25.3	17.7	9.0	8.1	8.5	8.5	0.000	0.000	0.000	0.000
08:45:00	20.4	17.8	22.1	19.1	9.2	8.9	9.5	10.4	0.000	0.001	0.000	0.000
09:00:00	20.9	18.4	21.1	20.8	9.7	9.7	11.3	9.9	0.000	0.002	0.000	0.000
09:15:00	20.4	17.5	20.4	19.3	9.9	9.0	10.0	10.4	0.000	0.001	0.000	0.000
09:30:00	20.8	16.4	18.6	18.7	9.7	8.4	9.8	9.7	0.000	0.001	0.000	0.000
09:45:00	19.6	16.8	18.3	17.3	9.3	8.8	9.4	9.7	0.000	0.000	0.000	0.000
10:00:00	17.2	16.2	18.0	16.7	8.8	9.0	8.9	9.6	0.000	0.000	0.000	0.000
10:15:00	16.3	15.4	14.8	14.6	8.8	9.0	8.2	8.2	0.000	0.000	0.000	0.001
10:30:00	15.0	13.9	11.8	13.3	7.9	7.9	7.2	6.7	0.005	0.000	0.000	0.011
10:45:00	12.9	11.2	10.6	9.7	6.5	6.4	5.6	5.9	0.000	0.000	0.000	0.019
11:00:00	9.9	10.5	8.2	8.1	5.1	5.9	4.6	4.4	0.000	0.000	0.000	0.023
11:15:00	10.0	9.4	10.2	9.6	5.1	5.2	5.5	5.4	0.000	0.000	0.000	0.014
11:30:00	8.4	8.2	8.9	8.5	4.5	5.0	4.9	4.9	0.000	0.000	0.000	0.005
11:45:00	9.9	9.1	8.9	9.1	5.2	5.6	5.4	5.1	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	9.6	8.8	8.8	8.6	4.8	5.0	5.2	5.0	0.000	0.000	0.000	0.000
12:15:00	10.3	8.4	9.1	8.4	4.7	4.7	4.9	4.7	0.000	0.000	0.000	0.000
12:30:00	12.5	9.0	8.1	7.9	4.3	4.5	4.3	4.2	0.000	0.000	0.000	0.000
12:45:00	8.0	7.2	8.8	7.2	3.8	4.1	3.9	4.0	0.000	0.000	0.000	0.000
13:00:00	7.5	7.0	7.2	7.4	3.7	4.2	4.4	3.8	0.000	0.000	0.000	0.000
13:15:00	15.2	7.7	8.1	7.0	4.7	4.8	4.2	3.9	0.000	0.000	0.000	0.000
13:30:00	8.0	8.2	7.0	7.7	4.2	4.9	4.6	3.9	0.000	0.000	0.000	0.000
13:45:00	7.4	7.6	8.0	7.5	3.9	4.4	4.7	4.3	0.000	0.000	0.000	0.000
14:00:00	7.4	7.5	6.6	7.0	3.8	4.5	4.2	3.8	0.000	0.000	0.000	0.000
14:15:00	8.2	8.3	7.8	8.1	4.1	4.7	4.5	3.9	0.000	0.000	0.000	0.000
14:30:00	8.2	8.2	7.7	7.6	4.0	4.6	4.5	4.0	0.000	0.000	0.000	0.000
14:45:00	7.7	7.9	8.1	7.6	3.9	4.5	4.3	4.1	0.000	0.000	0.000	0.000
15:00:00	7.6	8.1	7.1	7.1	3.7	4.7	4.1	3.8	0.000	0.000	0.000	0.000
15:15:00	11.3	9.6	9.9	8.7	4.5	4.6	4.5	4.2	0.000	0.000	0.000	0.000
15:30:00	10.0	9.1	12.1	10.0	4.4	4.6	4.9	4.8	0.000	0.000	0.000	0.000
15:45:00	7.9	8.0	9.5	7.7	4.0	4.2	4.4	4.4	0.000	0.000	0.000	0.000
16:00:00	6.7	6.5	6.3	8.0	3.2	3.6	3.7	3.4	0.000	0.000	0.000	0.000
16:15:00	6.8	6.1	6.0	5.8	3.3	3.4	3.3	3.2	0.000	0.001	0.000	0.000
16:30:00	9.2	5.8	5.8	5.3	3.4	3.3	3.1	3.1	0.016	0.005	0.000	0.001
16:45:00	7.6	5.7	6.3	5.3	4.2	3.2	3.1	3.2	0.058	0.009	0.000	0.010
17:00:00	8.5	5.9	6.2	5.7	4.0	3.2	3.3	3.3	0.075	0.011	0.004	0.018
17:15:00	26.8	6.1	7.6	6.1	6.7	3.4	3.5	3.9	0.078	0.012	0.013	0.017
17:30:00	7.8	6.3	9.0	6.2	4.3	3.6	3.7	5.5	0.089	0.014	0.022	0.018
17:45:00	8.4	6.1	7.2	6.7	4.4	3.5	4.0	3.9	0.097	0.014	0.029	0.018
18:00:00	9.3	6.5	8.5	7.6	5.2	3.7	4.4	4.3	0.100	0.013	0.034	0.014
18:15:00	9.3	8.1	9.3	8.1	4.9	4.5	4.7	5.0	0.102	0.015	0.042	0.014
18:30:00	12.2	8.4	9.4	9.9	7.0	4.6	5.2	4.8	0.099	0.015	0.044	0.014
18:45:00	14.2	9.6	10.8	10.0	5.9	5.2	5.4	5.4	0.090	0.014	0.038	0.008
19:00:00	12.1	9.8	14.5	9.5	5.9	5.3	5.3	5.7	0.087	0.013	0.029	0.007
19:15:00	10.9	10.1	14.2	9.5	5.4	5.5	5.2	5.8	0.080	0.013	0.033	0.002
19:30:00	10.9	10.0	14.8	10.3	5.6	5.5	5.7	6.0	0.073	0.011	0.037	0.001
19:45:00	11.4	10.8	15.9	10.2	5.7	5.6	5.6	6.2	0.062	0.009	0.039	0.000
20:00:00	11.3	10.2	16.7	10.1	5.7	5.6	5.5	5.9	0.056	0.008	0.037	0.000
20:15:00	11.7	11.0	17.4	10.2	5.8	5.6	5.6	6.4	0.049	0.006	0.033	0.000
20:30:00	11.5	11.3	16.7	10.2	5.8	5.6	5.5	6.2	0.038	0.005	0.028	0.000
20:45:00	11.5	11.3	14.5	10.3	5.6	5.6	5.6	5.9	0.028	0.004	0.024	0.000
21:00:00	15.4	12.4	12.4	11.4	6.1	6.1	6.0	5.8	0.020	0.003	0.022	0.000
21:15:00	13.5	12.1	15.2	10.9	5.7	5.9	5.7	5.9	0.010	0.002	0.020	0.000
21:30:00	11.9	12.3	17.8	10.3	5.6	5.8	5.9	6.5	0.006	0.001	0.015	0.000
21:45:00	13.8	12.4	20.5	10.6	5.9	6.0	5.9	6.7	0.004	0.001	0.013	0.000
22:00:00	12.5	14.0	17.4	10.9	5.8	6.3	5.9	6.2	0.000	0.000	0.011	0.000
22:15:00	14.0	14.9	21.8	11.3	5.9	6.3	5.8	6.7	0.000	0.000	0.009	0.000
22:30:00	12.6	14.8	21.4	14.1	5.7	6.5	6.1	9.7	0.000	0.000	0.007	0.000
22:45:00	13.5	13.4	26.3	16.2	5.8	6.4	8.2	11.3	0.000	0.000	0.004	0.000
23:00:00	14.6	14.6	27.4	17.0	6.2	6.3	8.6	11.4	0.000	0.000	0.001	0.000
23:15:00	20.1	13.2	26.3	17.3	6.5	6.2	9.3	10.4	0.000	0.000	0.000	0.000
23:30:00	18.1	14.3	24.2	16.0	6.7	6.1	8.3	10.2	0.000	0.000	0.000	0.000
23:45:00	16.7	14.1	23.5	14.8	7.6	6.0	7.8	9.7	0.000	0.000	0.000	0.000



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

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