



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-12

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.18 to 10.65	2943 SE	3061 NW	2996 SW	2997 W	Min : 56.66 Max : 89.78	Min : 52.10 Max : 90.60	Min : 29.09 Max : 49.25

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	16.0	100.7	6.4	18.0	0.008	0.047
2996	11.5	29.9	5.7	16.0	0.002	0.038
2997	13.0	29.4	5.7	17.3	0.007	0.045
3061	12.5	27.1	5.4	15.9	0.000	0.003



Figure 1 : Monitoring Locations

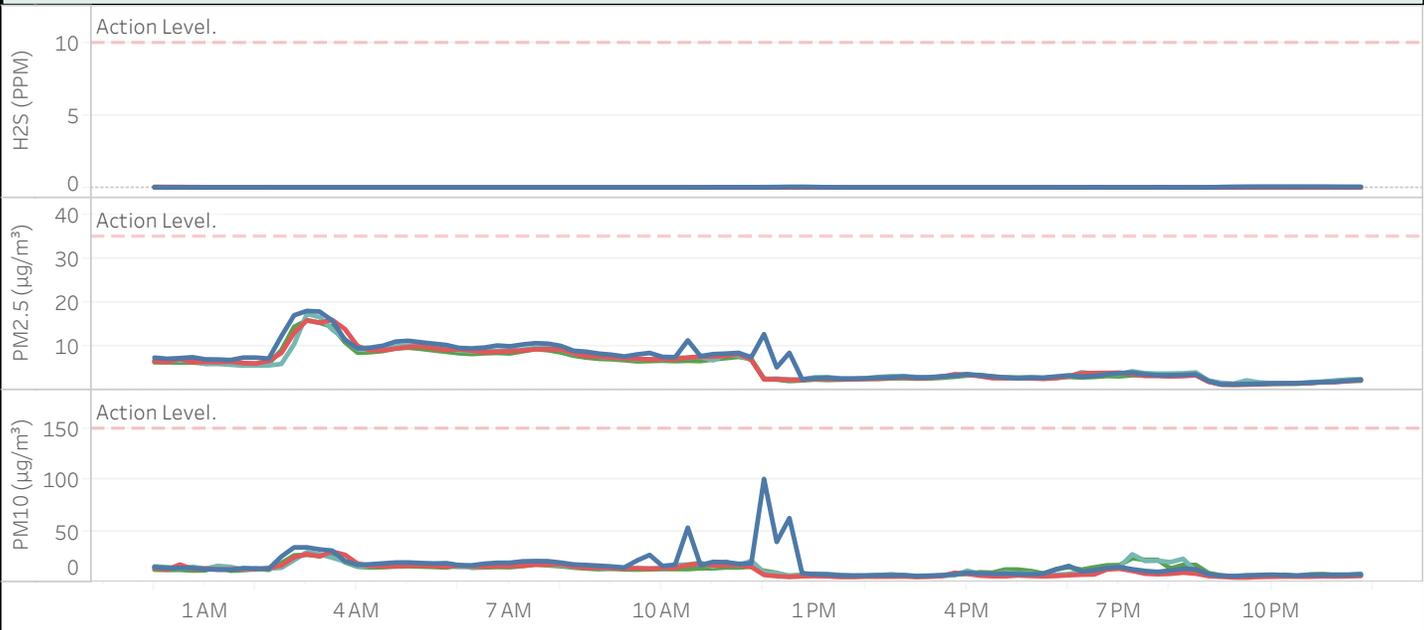


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

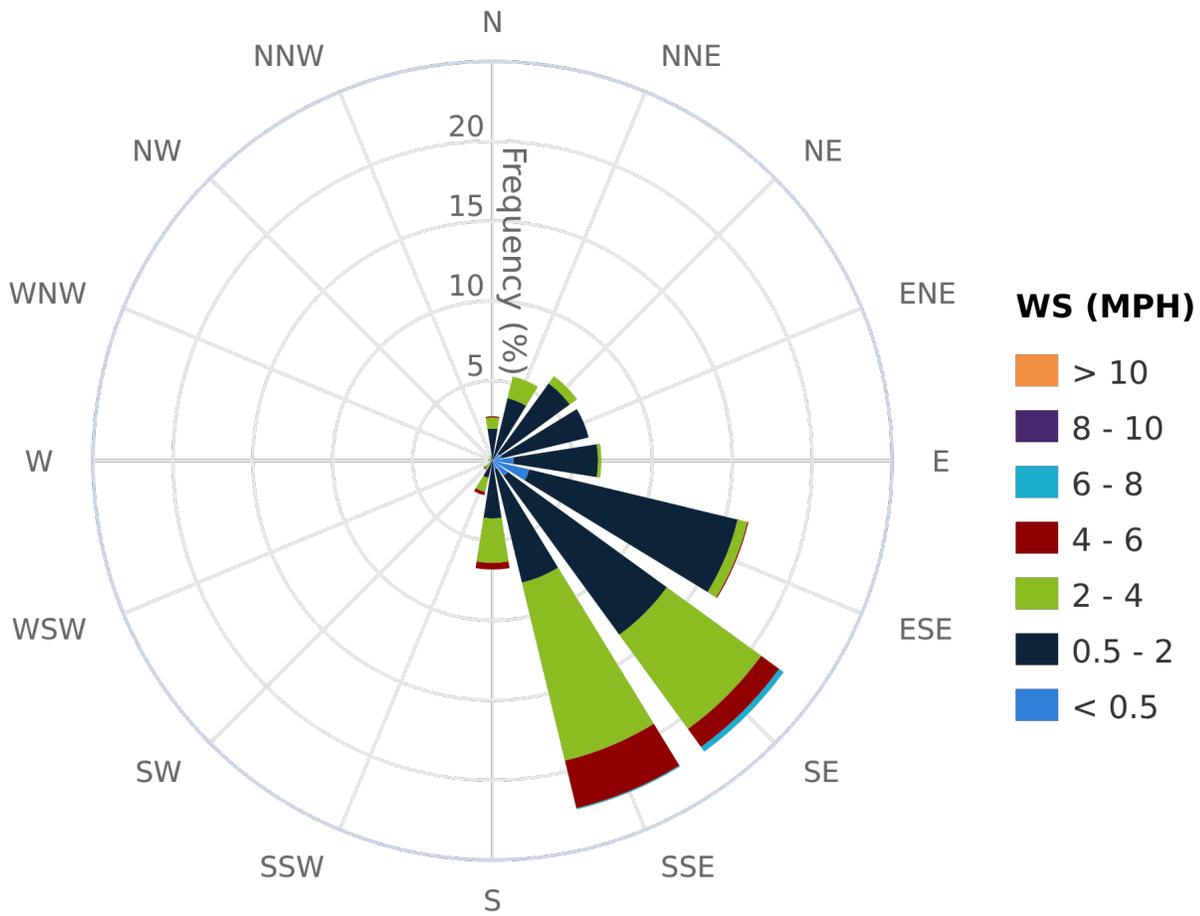


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Date : 2026-03-12

Wind Rose Chart 3061

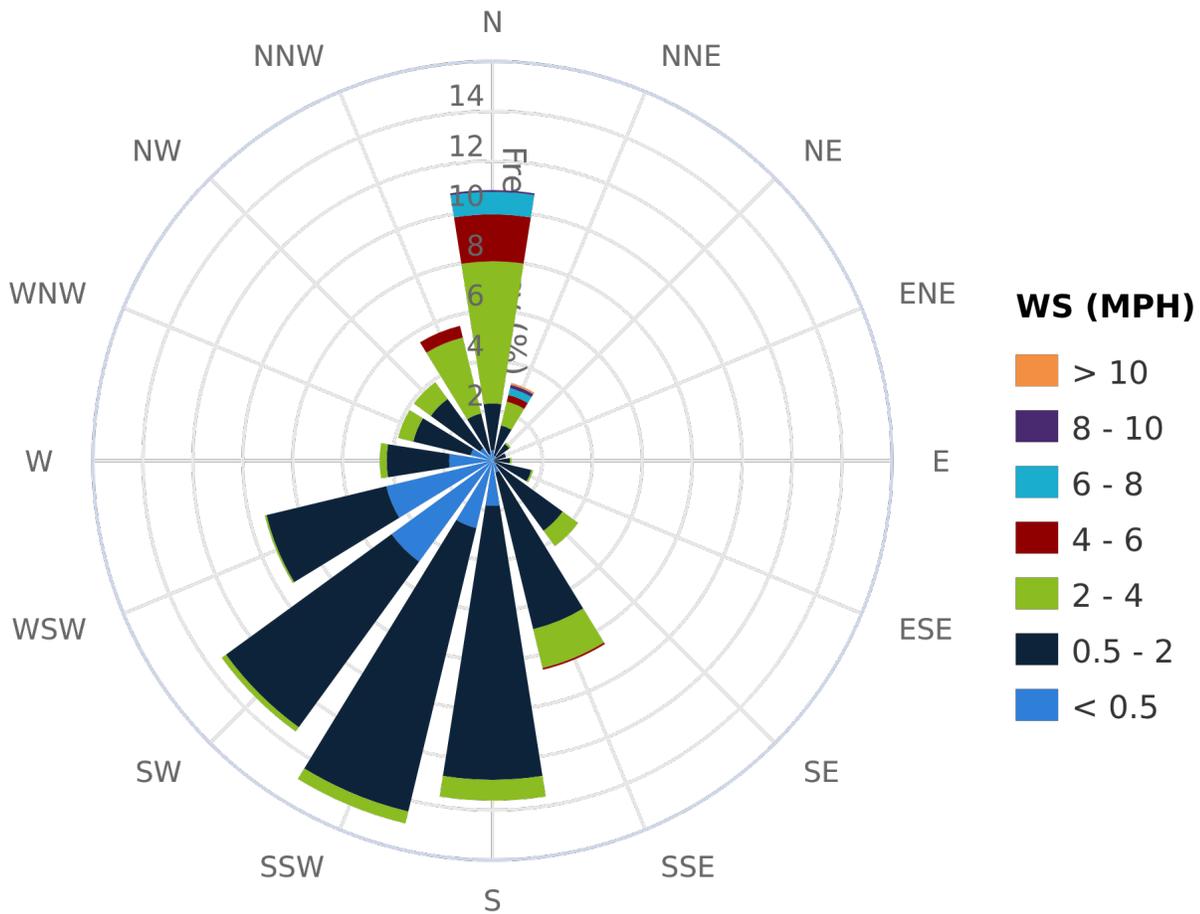


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-03-12

Wind Rose Chart 2996

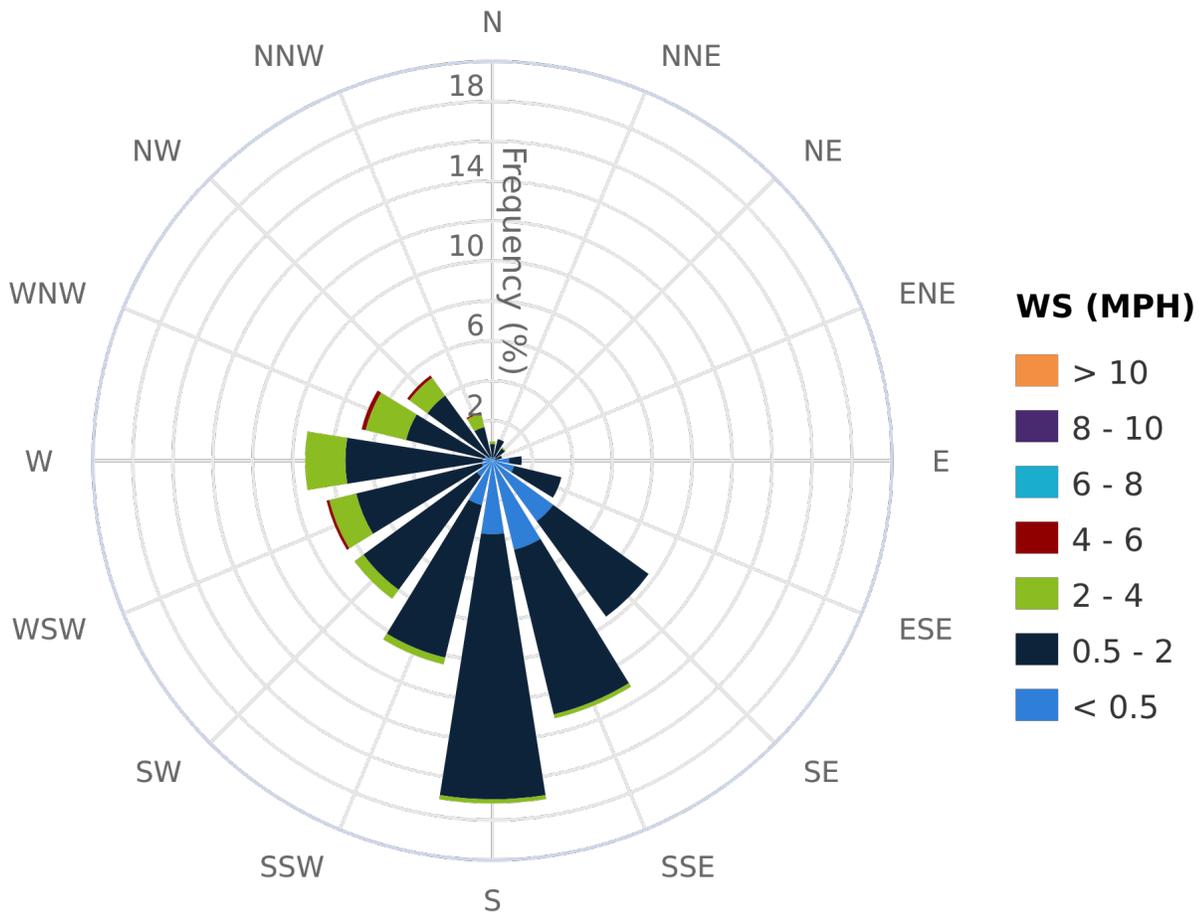


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

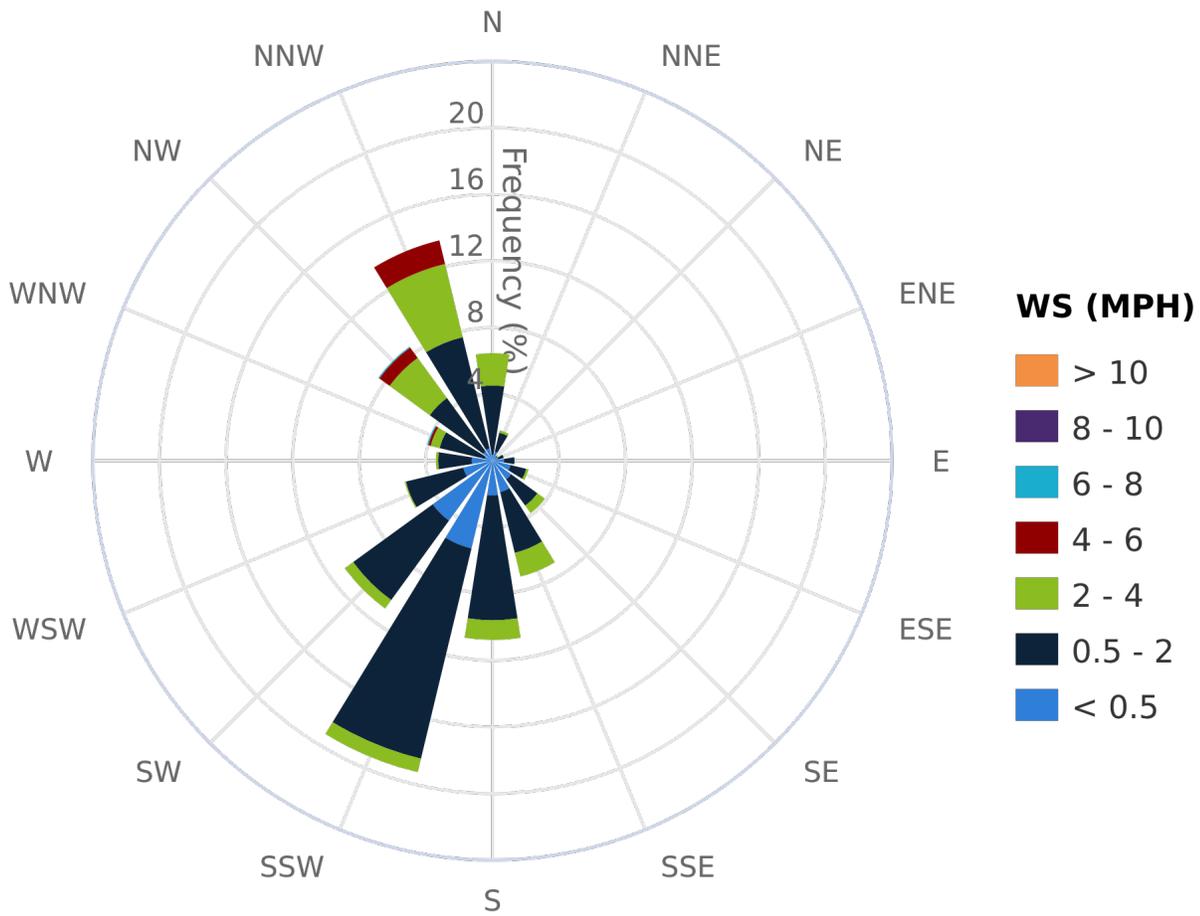


Figure 3 : Wind Rose Chart (WS in MPH)



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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	14.8	12.3	15.5	13.8	7.4	6.4	6.6	6.8	0.003	0.000	0.038	0.000
00:15:00	13.8	12.1	14.8	12.5	7.1	6.4	6.4	6.9	0.000	0.000	0.031	0.000
00:30:00	14.0	12.2	13.6	17.3	7.3	6.3	7.1	6.8	0.000	0.000	0.028	0.000
00:45:00	13.9	11.4	15.1	13.0	7.5	6.3	6.4	6.7	0.000	0.000	0.022	0.000
01:00:00	12.7	11.7	13.3	13.4	7.0	6.1	6.5	6.0	0.000	0.000	0.017	0.000
01:15:00	12.5	15.7	16.0	12.3	7.0	6.3	6.4	6.0	0.000	0.000	0.012	0.000
01:30:00	12.2	11.3	15.0	12.6	6.9	6.1	6.5	5.8	0.000	0.000	0.010	0.000
01:45:00	13.8	11.8	12.2	13.1	7.4	5.9	6.2	5.6	0.000	0.000	0.009	0.000
02:00:00	13.4	13.4	12.5	12.9	7.4	6.0	6.1	5.6	0.000	0.000	0.004	0.000
02:15:00	13.1	12.2	13.4	13.9	7.2	6.1	6.7	5.6	0.000	0.000	0.001	0.000
02:30:00	25.1	18.7	14.1	16.5	12.3	9.1	8.5	6.0	0.000	0.000	0.000	0.000
02:45:00	34.0	26.2	21.6	24.4	17.0	14.4	13.0	10.5	0.000	0.000	0.000	0.000
03:00:00	34.0	26.8	29.4	27.5	18.0	15.9	15.9	17.3	0.000	0.000	0.000	0.000
03:15:00	32.0	25.8	27.4	25.3	17.9	15.3	15.4	16.6	0.000	0.000	0.000	0.000
03:30:00	30.8	27.1	24.0	29.9	15.8	14.4	16.0	13.8	0.000	0.000	0.000	0.000
03:45:00	20.7	19.5	20.2	26.8	11.5	10.9	13.9	11.6	0.000	0.000	0.000	0.000
04:00:00	17.0	15.2	15.8	18.2	9.5	8.5	10.0	9.3	0.000	0.000	0.000	0.000
04:15:00	17.5	14.5	15.8	15.9	9.7	8.7	9.1	9.1	0.000	0.000	0.000	0.000
04:30:00	18.4	14.7	16.1	15.6	10.1	8.9	9.1	9.4	0.000	0.000	0.000	0.000
04:45:00	19.3	15.4	16.7	15.6	11.1	9.5	9.5	10.0	0.000	0.000	0.000	0.000
05:00:00	19.3	15.6	16.3	16.2	11.2	9.7	9.9	10.2	0.000	0.000	0.000	0.000
05:15:00	18.7	15.3	16.8	16.3	10.9	9.4	10.0	10.2	0.000	0.000	0.000	0.000
05:30:00	18.3	15.0	16.1	15.8	10.6	9.1	9.5	9.8	0.000	0.000	0.000	0.000
05:45:00	18.6	14.4	15.4	15.3	10.3	8.7	9.2	9.5	0.000	0.000	0.000	0.000
06:00:00	16.6	17.0	14.9	16.1	9.6	8.4	9.3	9.0	0.000	0.000	0.000	0.000
06:15:00	16.5	14.2	14.9	15.7	9.5	8.2	9.0	8.9	0.000	0.000	0.000	0.000
06:30:00	18.1	14.6	15.2	15.4	9.7	8.4	8.6	8.9	0.000	0.000	0.000	0.000
06:45:00	19.0	14.9	15.9	15.7	10.2	8.5	8.8	9.0	0.000	0.000	0.000	0.000
07:00:00	19.0	14.7	16.1	15.8	10.0	8.4	8.9	9.1	0.000	0.000	0.000	0.000
07:15:00	20.4	15.9	16.8	16.1	10.4	8.9	9.1	9.2	0.000	0.000	0.000	0.000
07:30:00	20.7	17.4	17.5	17.2	10.7	9.4	9.3	9.6	0.000	0.000	0.000	0.000
07:45:00	20.5	16.5	17.2	17.3	10.6	9.1	9.3	9.6	0.000	0.000	0.000	0.000
08:00:00	19.2	15.7	16.6	17.6	10.1	8.6	9.3	9.3	0.000	0.000	0.000	0.000
08:15:00	17.4	14.3	14.9	15.4	9.0	7.9	8.4	8.3	0.000	0.000	0.000	0.000
08:30:00	16.8	13.5	15.2	14.1	8.8	7.4	7.7	8.0	0.000	0.000	0.000	0.000
08:45:00	16.1	12.8	14.2	14.4	8.3	7.2	7.7	7.6	0.000	0.000	0.000	0.000
09:00:00	15.4	13.3	13.2	13.7	8.1	7.0	7.4	7.4	0.000	0.000	0.000	0.000
09:15:00	14.4	12.6	13.9	13.5	7.7	6.8	7.2	7.2	0.000	0.000	0.000	0.000
09:30:00	21.2	12.4	13.5	13.7	8.1	6.6	7.2	7.1	0.000	0.000	0.000	0.000
09:45:00	26.6	12.7	13.6	13.2	8.5	6.6	7.0	7.1	0.000	0.000	0.000	0.000
10:00:00	15.9	12.9	13.4	13.8	7.6	6.7	7.1	7.0	0.000	0.000	0.000	0.000
10:15:00	17.1	12.9	16.9	14.3	7.5	6.6	7.1	7.5	0.000	0.000	0.000	0.000
10:30:00	53.2	12.9	17.3	16.9	11.3	6.7	7.4	7.4	0.001	0.001	0.000	0.000
10:45:00	16.8	13.7	19.0	18.0	7.8	6.6	7.7	7.6	0.005	0.001	0.000	0.001
11:00:00	19.9	13.7	15.2	16.5	8.2	7.0	7.6	6.8	0.009	0.000	0.000	0.007
11:15:00	19.5	14.5	20.1	16.6	8.3	7.3	7.9	8.1	0.011	0.000	0.000	0.010
11:30:00	18.0	14.4	16.2	16.8	8.5	7.6	8.2	7.9	0.013	0.000	0.000	0.011
11:45:00	18.5	15.3	21.0	15.0	7.5	7.1	6.9	6.9	0.014	0.000	0.000	0.012



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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	100.7	11.1	9.7	7.2	12.8	2.6	2.5	2.6	0.005	0.000	0.000	0.023
12:15:00	39.3	9.1	8.8	6.0	5.2	2.4	2.5	2.7	0.018	0.000	0.000	0.030
12:30:00	62.5	5.8	6.6	5.2	8.5	2.1	2.4	2.4	0.033	0.000	0.000	0.031
12:45:00	8.8	7.0	7.5	5.9	2.5	2.2	2.4	2.4	0.035	0.001	0.000	0.031
13:00:00	7.8	6.9	8.4	6.1	2.7	2.5	2.6	3.0	0.024	0.002	0.000	0.023
13:15:00	7.5	6.2	8.1	5.8	2.8	2.3	2.6	3.0	0.010	0.001	0.000	0.008
13:30:00	6.7	5.8	7.1	5.2	2.6	2.4	2.5	2.7	0.000	0.000	0.000	0.000
13:45:00	6.5	5.7	6.5	5.2	2.7	2.5	2.5	2.6	0.000	0.000	0.000	0.000
14:00:00	6.6	6.0	6.5	5.5	2.7	2.6	2.6	2.8	0.000	0.000	0.000	0.000
14:15:00	7.0	5.8	6.8	5.6	2.9	2.6	2.7	3.0	0.000	0.000	0.000	0.000
14:30:00	6.9	7.2	7.9	5.6	2.9	2.7	2.8	3.2	0.000	0.000	0.000	0.000
14:45:00	7.0	6.4	6.8	5.7	3.1	2.7	2.9	3.2	0.000	0.000	0.000	0.000
15:00:00	6.1	5.5	6.0	5.2	2.9	2.7	2.7	3.0	0.000	0.000	0.000	0.000
15:15:00	6.5	5.8	6.2	5.5	2.9	2.7	2.8	2.9	0.000	0.000	0.000	0.000
15:30:00	7.0	6.2	6.4	6.2	3.2	2.8	3.1	3.1	0.000	0.000	0.000	0.000
15:45:00	7.7	7.6	6.9	9.2	3.3	3.1	3.6	3.3	0.000	0.000	0.000	0.000
16:00:00	9.3	8.4	11.3	8.3	3.7	3.4	3.6	3.6	0.000	0.000	0.000	0.000
16:15:00	8.7	9.8	8.2	6.5	3.4	3.5	3.2	3.2	0.000	0.000	0.000	0.000
16:30:00	8.2	9.4	7.6	5.9	3.1	3.1	2.8	3.0	0.000	0.000	0.000	0.000
16:45:00	8.5	12.4	9.7	5.9	2.9	2.9	2.7	3.0	0.000	0.000	0.000	0.000
17:00:00	7.8	12.4	8.3	6.7	2.7	2.8	2.8	2.8	0.000	0.000	0.000	0.000
17:15:00	7.9	11.0	8.9	6.2	2.9	2.9	2.7	2.9	0.000	0.000	0.000	0.000
17:30:00	8.3	8.6	6.6	5.8	2.9	2.8	2.6	2.7	0.000	0.000	0.000	0.000
17:45:00	12.5	12.8	7.5	6.2	3.1	3.0	2.8	2.8	0.000	0.000	0.000	0.000
18:00:00	15.9	14.7	8.1	6.9	3.4	3.1	3.2	3.1	0.007	0.000	0.000	0.000
18:15:00	10.6	12.3	10.6	7.5	3.1	2.9	3.8	4.1	0.003	0.000	0.000	0.000
18:30:00	11.6	14.5	10.7	7.6	3.3	3.0	3.9	3.8	0.009	0.000	0.000	0.000
18:45:00	14.2	16.5	14.2	12.5	3.7	3.2	4.0	3.8	0.005	0.000	0.000	0.000
19:00:00	14.9	16.8	14.7	13.2	3.9	3.2	4.0	3.7	0.004	0.000	0.000	0.000
19:15:00	12.7	23.5	27.3	11.1	4.0	3.4	3.7	4.3	0.003	0.000	0.000	0.000
19:30:00	11.1	21.8	20.8	8.4	3.6	3.4	3.3	3.9	0.006	0.000	0.000	0.000
19:45:00	10.1	21.8	21.1	7.9	3.4	3.4	3.3	3.8	0.007	0.000	0.000	0.001
20:00:00	11.6	13.5	19.6	8.3	3.4	3.2	3.2	3.8	0.007	0.000	0.000	0.004
20:15:00	13.2	16.9	22.8	9.4	3.5	3.5	3.2	3.9	0.003	0.000	0.000	0.004
20:30:00	12.6	16.9	11.0	8.5	3.6	3.4	3.4	4.1	0.000	0.000	0.000	0.000
20:45:00	7.8	9.0	7.1	6.1	2.1	2.0	1.9	2.2	0.007	0.000	0.000	0.004
21:00:00	6.5	6.7	6.3	5.4	1.3	1.3	1.3	1.7	0.024	0.001	0.000	0.023
21:15:00	6.0	5.6	6.0	4.7	1.4	1.3	1.3	1.5	0.036	0.002	0.000	0.031
21:30:00	6.5	6.1	6.9	4.6	1.4	1.3	1.3	2.2	0.044	0.002	0.000	0.036
21:45:00	7.1	5.8	6.6	5.3	1.5	1.4	1.4	1.8	0.046	0.002	0.000	0.040
22:00:00	7.5	6.7	7.0	5.4	1.6	1.5	1.5	1.6	0.044	0.002	0.000	0.044
22:15:00	6.9	7.3	6.3	5.6	1.6	1.5	1.5	1.6	0.045	0.002	0.000	0.044
22:30:00	6.6	6.1	6.3	5.5	1.6	1.5	1.6	1.6	0.047	0.003	0.000	0.044
22:45:00	7.2	7.7	7.0	5.5	1.7	1.7	1.6	1.8	0.045	0.003	0.000	0.044
23:00:00	7.2	8.0	6.9	5.9	1.9	1.9	1.8	1.9	0.044	0.003	0.000	0.045
23:15:00	7.2	7.1	7.5	5.7	1.9	2.1	1.9	2.2	0.038	0.003	0.000	0.040
23:30:00	7.2	6.5	7.5	5.9	2.2	2.2	2.1	2.5	0.035	0.002	0.000	0.039
23:45:00	7.6	6.7	8.4	6.3	2.4	2.2	2.3	2.5	0.036	0.002	0.000	0.037



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

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