



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-18

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.22 to 11.03	2943 E	3061 N	2996 SSE	2997 N	Min : 28.94 Max : 77.36	Min : 25.90 Max : 80.00	Min : 29.42 Max : 115.3

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	8.2	29.8	4.4	9.0	0.002	0.019
2996	6.3	14.4	3.9	12.3	0.008	0.047
2997	6.9	11.9	4.5	9.1	0.001	0.011
3061	6.4	9.7	3.9	6.7	0.000	0.002



Figure 1 : Monitoring Locations

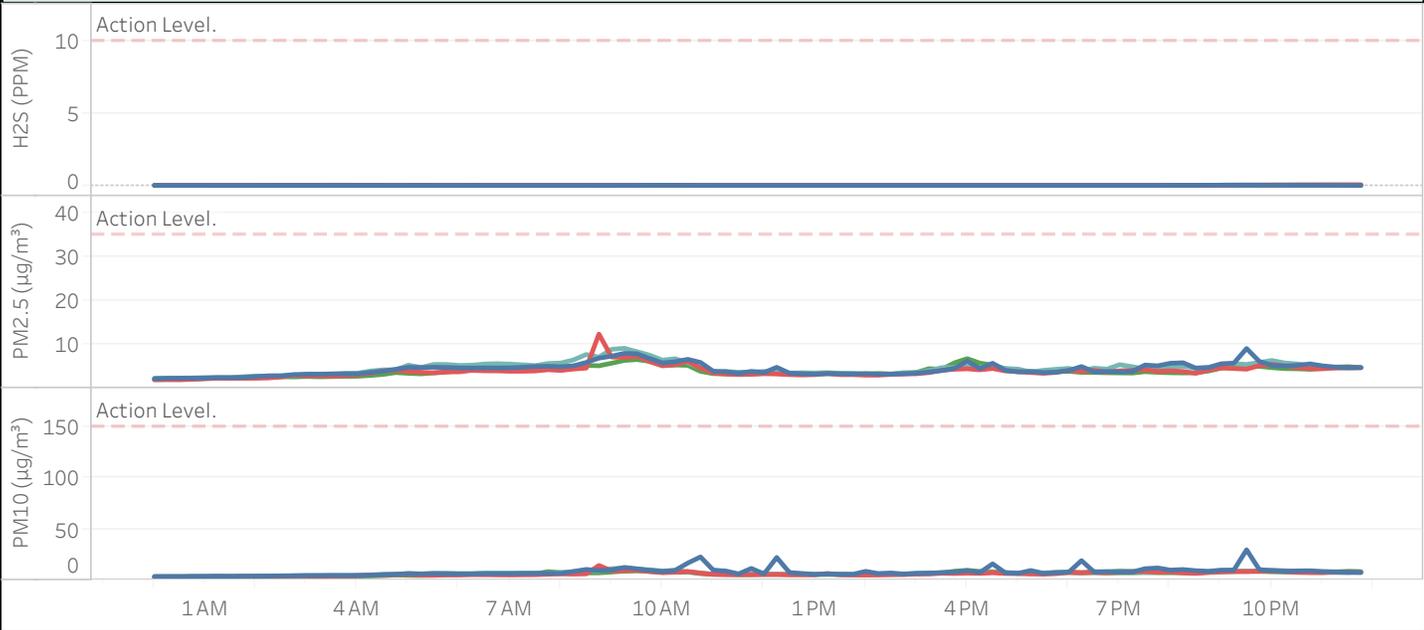


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

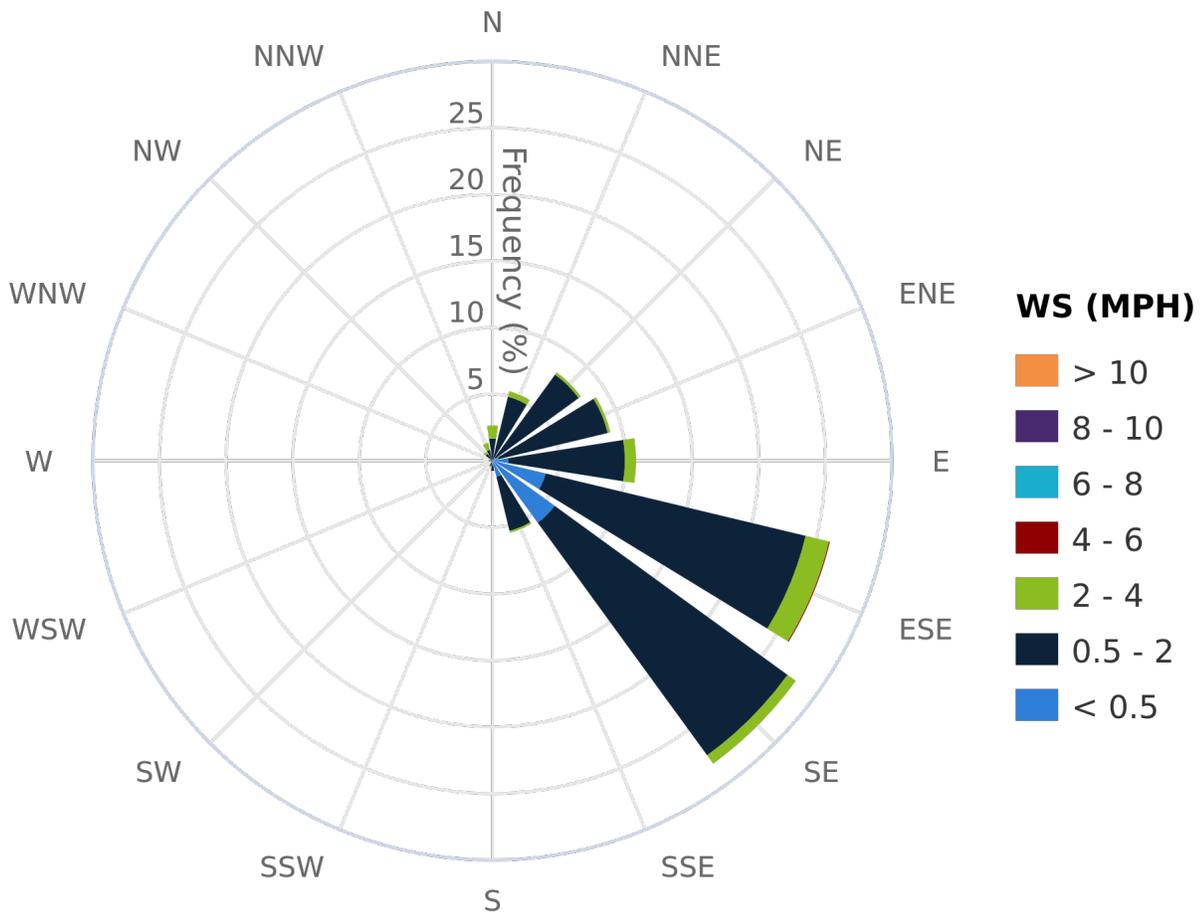


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

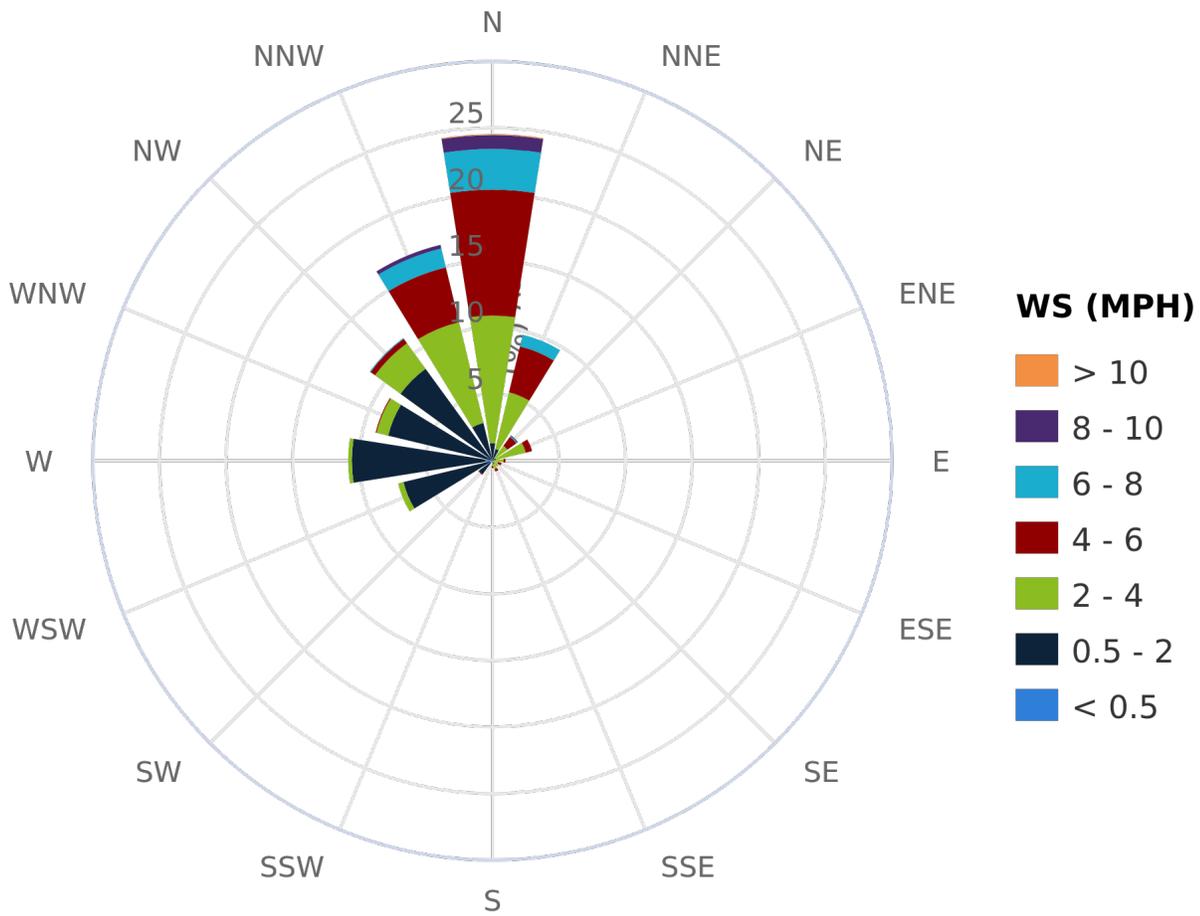


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

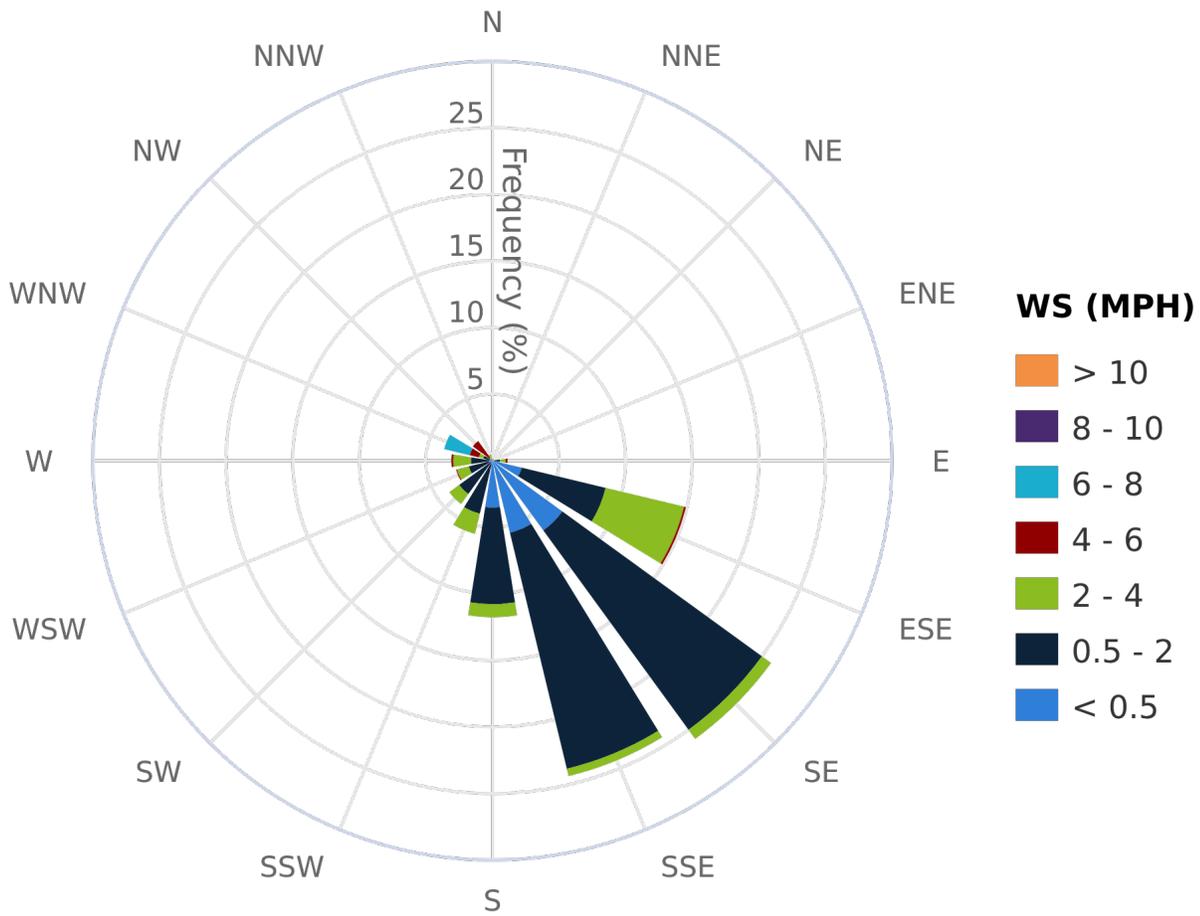


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

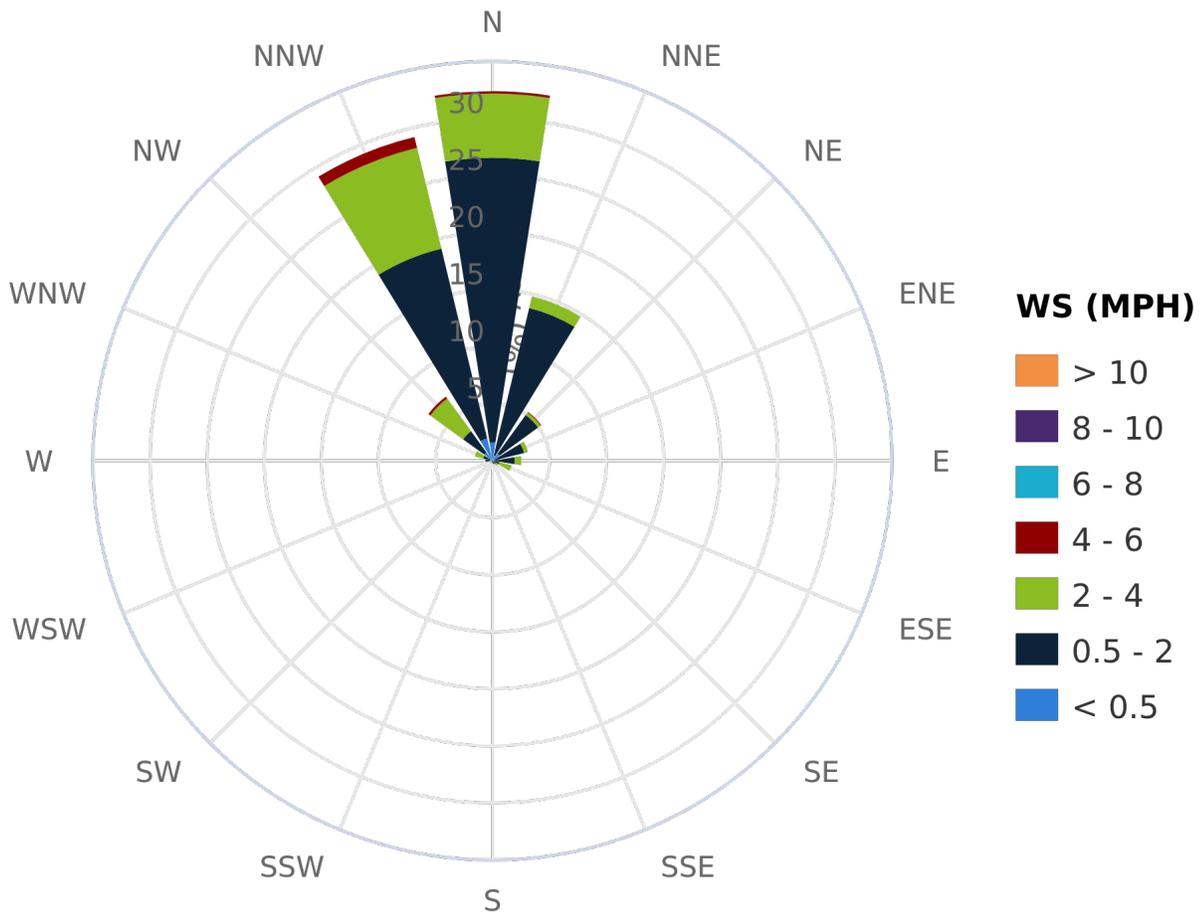


Figure 3 : Wind Rose Chart (WS in MPH)



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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	3.7	3.4	3.6	3.1	2.1	2.0	1.9	2.3	0.000	0.000	0.000	0.002
00:15:00	3.7	3.4	3.6	3.3	2.3	2.0	2.0	2.3	0.000	0.000	0.000	0.000
00:30:00	3.7	3.4	3.7	3.2	2.3	2.0	1.9	2.3	0.000	0.000	0.000	0.000
00:45:00	3.8	3.5	3.7	3.4	2.3	2.1	2.0	2.4	0.000	0.000	0.000	0.000
01:00:00	3.9	3.6	3.7	3.5	2.3	2.2	2.2	2.5	0.000	0.000	0.000	0.000
01:15:00	4.1	3.6	3.7	3.6	2.5	2.3	2.3	2.4	0.000	0.000	0.005	0.000
01:30:00	3.8	3.9	3.8	3.5	2.4	2.4	2.3	2.4	0.000	0.000	0.005	0.000
01:45:00	4.1	3.8	3.9	3.6	2.5	2.4	2.3	2.6	0.000	0.000	0.006	0.000
02:00:00	4.1	3.9	4.1	3.5	2.6	2.5	2.3	2.8	0.000	0.000	0.009	0.000
02:15:00	4.2	3.8	4.1	3.7	2.8	2.5	2.3	2.8	0.000	0.000	0.011	0.000
02:30:00	4.4	4.0	4.3	3.8	2.9	2.6	2.6	2.8	0.000	0.000	0.016	0.000
02:45:00	4.6	3.9	4.2	4.4	3.1	2.6	3.0	2.9	0.000	0.000	0.014	0.000
03:00:00	4.7	4.0	4.6	4.0	3.2	2.7	2.8	3.2	0.000	0.000	0.015	0.000
03:15:00	4.7	3.8	4.6	4.2	3.2	2.6	2.9	3.2	0.000	0.000	0.016	0.000
03:30:00	4.8	4.0	4.6	4.0	3.3	2.7	2.7	3.2	0.000	0.000	0.019	0.000
03:45:00	4.7	4.1	4.8	4.2	3.3	2.7	2.9	3.4	0.000	0.000	0.021	0.000
04:00:00	4.7	4.1	4.8	4.4	3.3	2.7	3.1	3.4	0.000	0.000	0.013	0.000
04:15:00	5.0	4.2	5.3	5.0	3.6	2.9	3.4	3.9	0.000	0.000	0.015	0.000
04:30:00	5.5	4.5	5.8	5.3	3.9	3.1	3.9	4.2	0.000	0.000	0.013	0.000
04:45:00	5.9	5.1	5.8	5.4	4.3	3.6	4.1	4.2	0.000	0.000	0.012	0.000
05:00:00	6.5	4.9	6.8	5.7	4.8	3.4	3.8	5.3	0.000	0.000	0.012	0.000
05:15:00	6.3	4.7	6.1	5.1	4.7	3.3	3.7	4.7	0.000	0.000	0.016	0.000
05:30:00	6.5	4.9	7.0	4.8	4.8	3.5	3.5	5.4	0.000	0.000	0.010	0.000
05:45:00	6.4	5.2	6.9	5.2	4.7	3.7	3.7	5.4	0.000	0.000	0.011	0.000
06:00:00	6.3	5.9	6.6	5.1	4.6	4.0	3.7	5.2	0.000	0.000	0.012	0.000
06:15:00	6.3	5.9	6.6	5.4	4.6	4.1	4.1	5.3	0.000	0.000	0.010	0.000
06:30:00	6.5	5.8	7.2	5.4	4.6	4.2	4.0	5.5	0.000	0.000	0.009	0.000
06:45:00	6.4	6.1	7.1	5.2	4.6	4.3	4.0	5.6	0.000	0.000	0.007	0.000
07:00:00	6.4	6.4	7.2	5.1	4.6	4.4	3.9	5.5	0.000	0.000	0.008	0.000
07:15:00	6.7	7.2	7.0	5.3	4.8	4.4	3.9	5.3	0.000	0.000	0.006	0.000
07:30:00	6.8	6.4	6.9	5.4	5.0	4.4	3.9	5.2	0.000	0.000	0.006	0.000
07:45:00	6.9	8.5	7.2	5.9	5.0	5.4	4.2	5.6	0.000	0.000	0.004	0.000
08:00:00	6.8	7.4	7.7	6.2	4.9	4.8	4.0	5.7	0.000	0.000	0.002	0.000
08:15:00	8.6	7.0	8.4	6.0	5.1	5.0	4.4	6.4	0.000	0.000	0.002	0.000
08:30:00	10.6	7.2	9.9	6.3	5.9	5.2	4.6	7.7	0.000	0.000	0.001	0.000
08:45:00	9.5	7.2	9.0	14.4	6.8	5.1	12.3	7.1	0.000	0.000	0.002	0.000
09:00:00	10.2	8.1	11.4	9.3	7.3	5.7	7.1	8.9	0.000	0.000	0.002	0.000
09:15:00	12.6	8.9	11.9	9.3	7.9	6.3	7.0	9.1	0.000	0.000	0.000	0.000
09:30:00	11.2	9.2	10.7	9.8	7.8	6.5	7.3	8.3	0.000	0.000	0.000	0.000
09:45:00	9.7	8.6	10.3	8.5	6.8	6.1	6.0	7.5	0.006	0.000	0.000	0.000
10:00:00	8.6	7.7	9.1	7.5	5.8	5.1	5.1	6.4	0.008	0.000	0.000	0.001
10:15:00	9.7	8.0	9.6	7.9	6.0	5.3	5.4	6.7	0.005	0.000	0.000	0.004
10:30:00	16.8	8.0	8.4	8.6	6.6	5.2	6.2	5.8	0.004	0.000	0.000	0.005
10:45:00	22.8	6.5	7.2	7.0	5.9	3.8	4.6	4.7	0.001	0.000	0.000	0.009
11:00:00	9.9	5.7	5.9	5.9	3.9	3.3	3.5	3.6	0.000	0.000	0.000	0.008
11:15:00	9.0	5.9	6.1	5.4	3.8	3.3	3.2	3.8	0.000	0.000	0.000	0.006
11:30:00	6.3	5.4	6.0	5.5	3.4	3.1	3.2	3.7	0.000	0.000	0.000	0.011
11:45:00	11.6	5.5	6.0	5.5	3.8	3.2	3.2	3.7	0.000	0.000	0.000	0.011



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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	6.2	5.9	6.3	5.5	3.6	3.4	3.3	3.8	0.000	0.000	0.000	0.007
12:15:00	22.2	5.8	6.1	5.6	4.8	3.4	3.3	3.6	0.000	0.000	0.000	0.003
12:30:00	7.6	5.7	6.0	5.3	3.4	3.2	3.1	3.5	0.000	0.000	0.000	0.001
12:45:00	6.7	5.5	5.9	5.4	3.3	3.3	3.0	3.5	0.000	0.000	0.000	0.000
13:00:00	5.8	5.7	5.7	5.3	3.2	3.3	3.1	3.5	0.000	0.000	0.000	0.000
13:15:00	6.2	5.8	5.8	6.7	3.4	3.3	3.4	3.6	0.000	0.000	0.000	0.000
13:30:00	6.0	5.5	5.8	5.3	3.3	3.3	3.1	3.4	0.000	0.000	0.000	0.000
13:45:00	5.9	5.6	5.6	5.2	3.2	3.2	3.1	3.4	0.000	0.000	0.000	0.000
14:00:00	8.7	5.6	5.9	5.1	3.4	3.2	3.0	3.2	0.000	0.000	0.000	0.000
14:15:00	6.6	5.8	5.6	5.1	3.2	3.4	3.0	3.2	0.000	0.000	0.000	0.000
14:30:00	7.1	5.6	5.5	5.6	3.2	3.2	3.1	3.2	0.000	0.000	0.000	0.000
14:45:00	6.2	5.8	6.1	5.6	3.3	3.3	3.3	3.6	0.000	0.000	0.000	0.000
15:00:00	7.0	6.2	6.1	6.1	3.4	3.6	3.3	3.6	0.000	0.000	0.000	0.000
15:15:00	6.9	7.3	6.5	6.2	3.7	4.5	3.6	4.0	0.000	0.000	0.000	0.000
15:30:00	7.6	7.0	7.3	6.8	4.0	4.3	4.1	4.7	0.000	0.000	0.000	0.000
15:45:00	8.0	8.9	7.5	6.6	4.5	5.8	4.3	4.7	0.000	0.000	0.000	0.000
16:00:00	9.5	9.7	7.8	7.0	6.2	6.7	4.4	5.0	0.000	0.000	0.000	0.000
16:15:00	7.6	8.7	7.5	6.7	4.5	5.7	4.2	4.8	0.000	0.000	0.000	0.000
16:30:00	16.0	8.4	7.8	7.3	5.7	5.3	4.5	5.0	0.000	0.000	0.000	0.000
16:45:00	7.3	7.4	7.5	6.6	4.1	4.4	3.9	4.5	0.000	0.000	0.000	0.000
17:00:00	6.8	6.8	7.3	6.5	3.7	3.9	3.8	4.4	0.000	0.000	0.000	0.000
17:15:00	9.6	7.0	6.4	6.2	3.8	3.8	3.6	3.7	0.000	0.000	0.000	0.000
17:30:00	6.8	6.6	7.3	6.0	3.6	3.6	3.4	4.1	0.000	0.000	0.000	0.000
17:45:00	7.4	7.6	7.8	6.5	3.7	3.8	3.6	4.3	0.000	0.000	0.000	0.000
18:00:00	7.9	7.6	8.1	7.6	4.0	3.8	4.1	4.5	0.000	0.000	0.000	0.000
18:15:00	19.2	7.2	7.4	7.5	4.9	3.6	3.9	4.0	0.000	0.000	0.000	0.000
18:30:00	8.0	7.4	8.6	7.7	3.7	3.6	4.1	4.6	0.000	0.000	0.000	0.000
18:45:00	8.5	7.2	8.2	7.3	3.8	3.5	3.7	4.4	0.000	0.000	0.000	0.000
19:00:00	7.9	7.3	9.3	7.9	3.7	3.5	4.0	5.4	0.000	0.000	0.000	0.000
19:15:00	8.0	7.3	8.8	8.5	3.8	3.5	4.1	4.9	0.000	0.001	0.000	0.000
19:30:00	11.3	7.6	7.7	8.5	5.3	3.8	4.2	4.4	0.000	0.001	0.000	0.001
19:45:00	12.0	7.4	8.0	7.9	5.1	3.6	3.8	4.6	0.000	0.001	0.000	0.001
20:00:00	10.0	7.3	8.5	8.1	5.7	3.5	4.0	4.9	0.005	0.001	0.000	0.004
20:15:00	10.5	7.5	8.7	7.2	5.8	3.5	3.8	5.0	0.007	0.002	0.000	0.005
20:30:00	9.4	7.3	8.1	6.7	4.6	3.5	3.4	4.6	0.006	0.002	0.006	0.007
20:45:00	8.8	7.7	8.1	7.7	4.7	3.9	4.1	4.7	0.015	0.002	0.011	0.008
21:00:00	10.0	8.4	8.8	8.2	5.6	4.6	4.6	5.3	0.019	0.001	0.019	0.003
21:15:00	10.0	8.5	9.1	8.6	5.7	4.9	4.5	5.6	0.019	0.001	0.028	0.001
21:30:00	29.8	8.9	8.7	8.5	9.0	5.0	4.3	5.4	0.019	0.001	0.030	0.000
21:45:00	10.5	8.7	9.3	8.8	6.1	5.0	5.1	5.9	0.016	0.002	0.033	0.000
22:00:00	9.4	8.3	9.9	9.0	5.2	4.7	5.4	6.3	0.013	0.001	0.035	0.000
22:15:00	8.8	8.2	9.4	8.4	5.1	4.5	5.1	5.8	0.013	0.001	0.037	0.000
22:30:00	9.2	8.1	8.8	7.7	5.2	4.4	4.7	5.5	0.011	0.001	0.044	0.000
22:45:00	9.3	7.8	8.0	7.5	5.5	4.3	4.4	5.1	0.012	0.000	0.044	0.000
23:00:00	8.6	7.7	7.6	7.5	5.1	4.5	4.4	4.7	0.009	0.001	0.047	0.000
23:15:00	8.3	8.2	7.5	8.2	4.8	4.8	4.6	4.7	0.006	0.001	0.047	0.000
23:30:00	8.0	8.8	7.3	8.0	4.7	4.9	4.7	4.6	0.000	0.001	0.047	0.000
23:45:00	7.8	8.5	7.7	7.6	4.7	4.7	4.7	4.7	0.000	0.000	0.047	0.000



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

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