



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-06

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 9.350	2943 SE	3061 ENE	2996 ESE	2997 SSE	Min : 65.48 Max : 96.08	Min : 41.10 Max : 90.20	Min : 30.12 Max : 46.14

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	20.2	84.5	9.3	17.9	0.003	0.032
2996	17.2	24.3	8.8	11.0	0.003	0.033
2997	15.4	20.5	7.9	10.4	0.002	0.022
3061	16.0	20.9	8.3	10.5	0.000	0.003



Figure 1 : Monitoring Locations

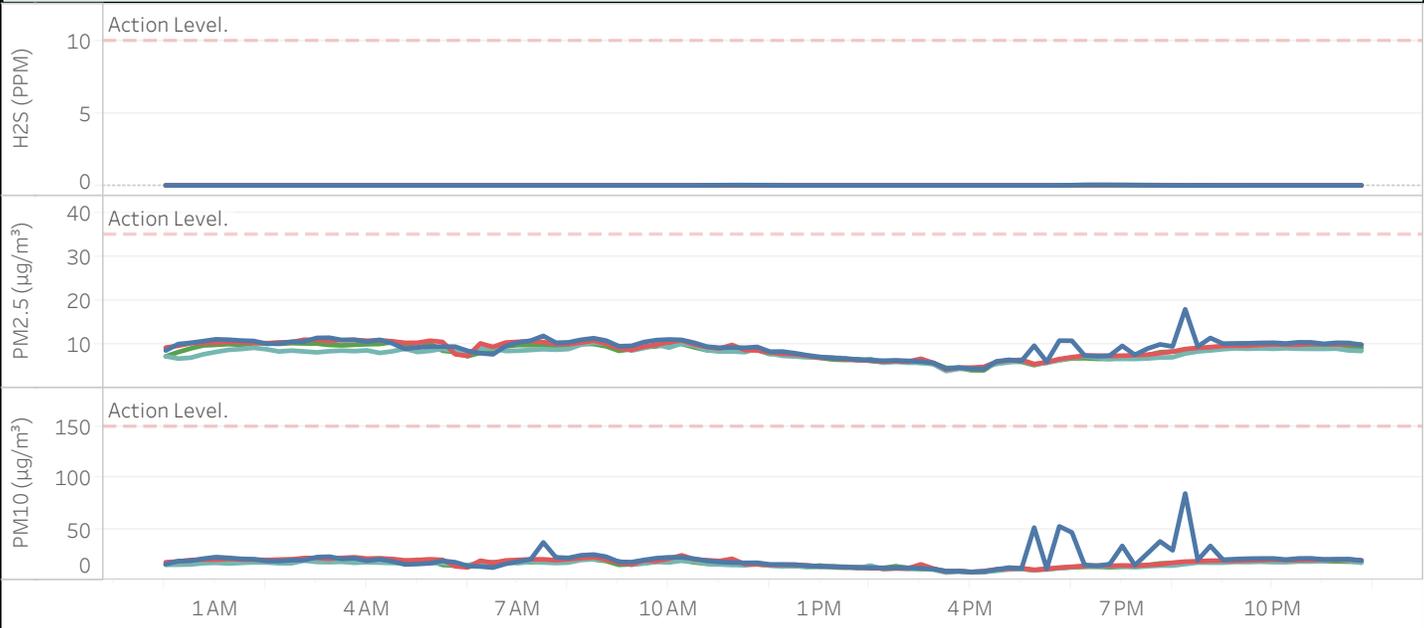


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

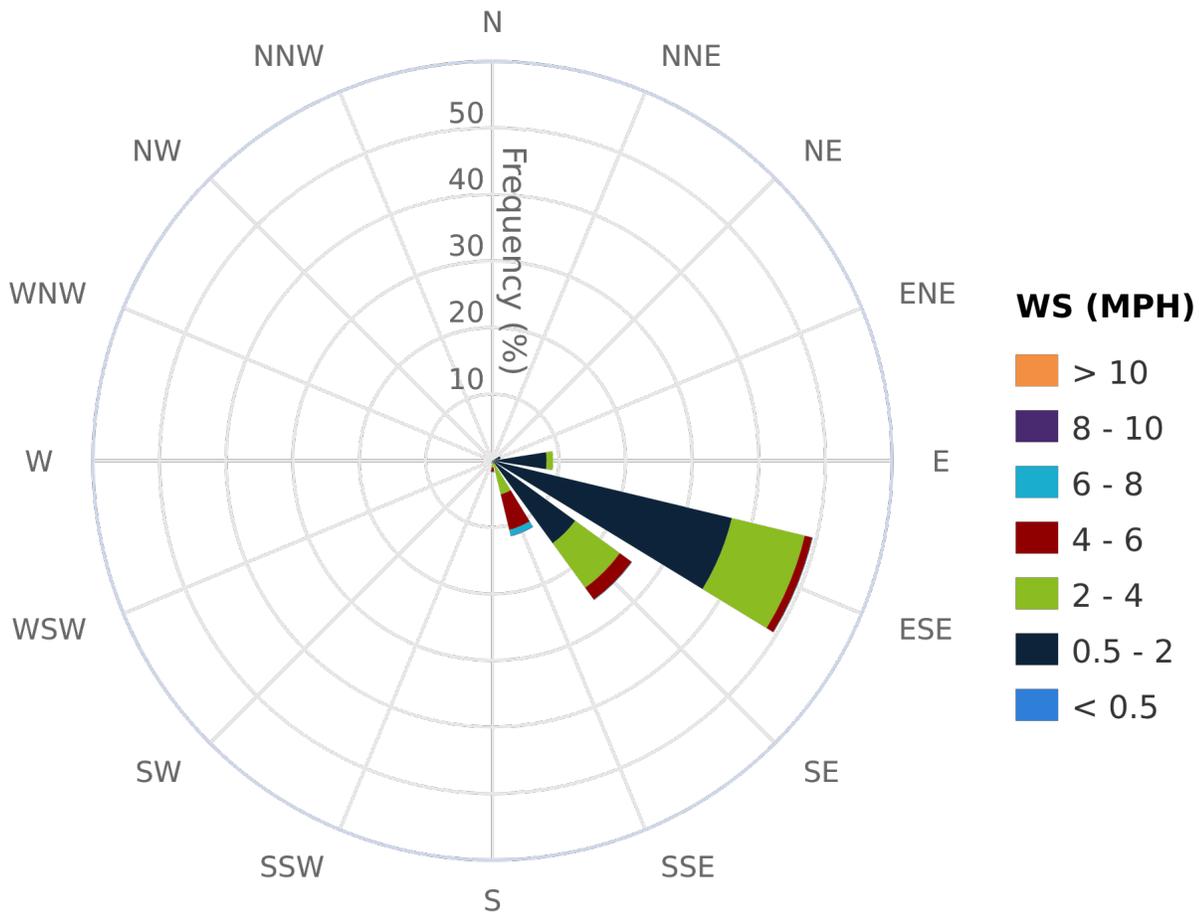


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

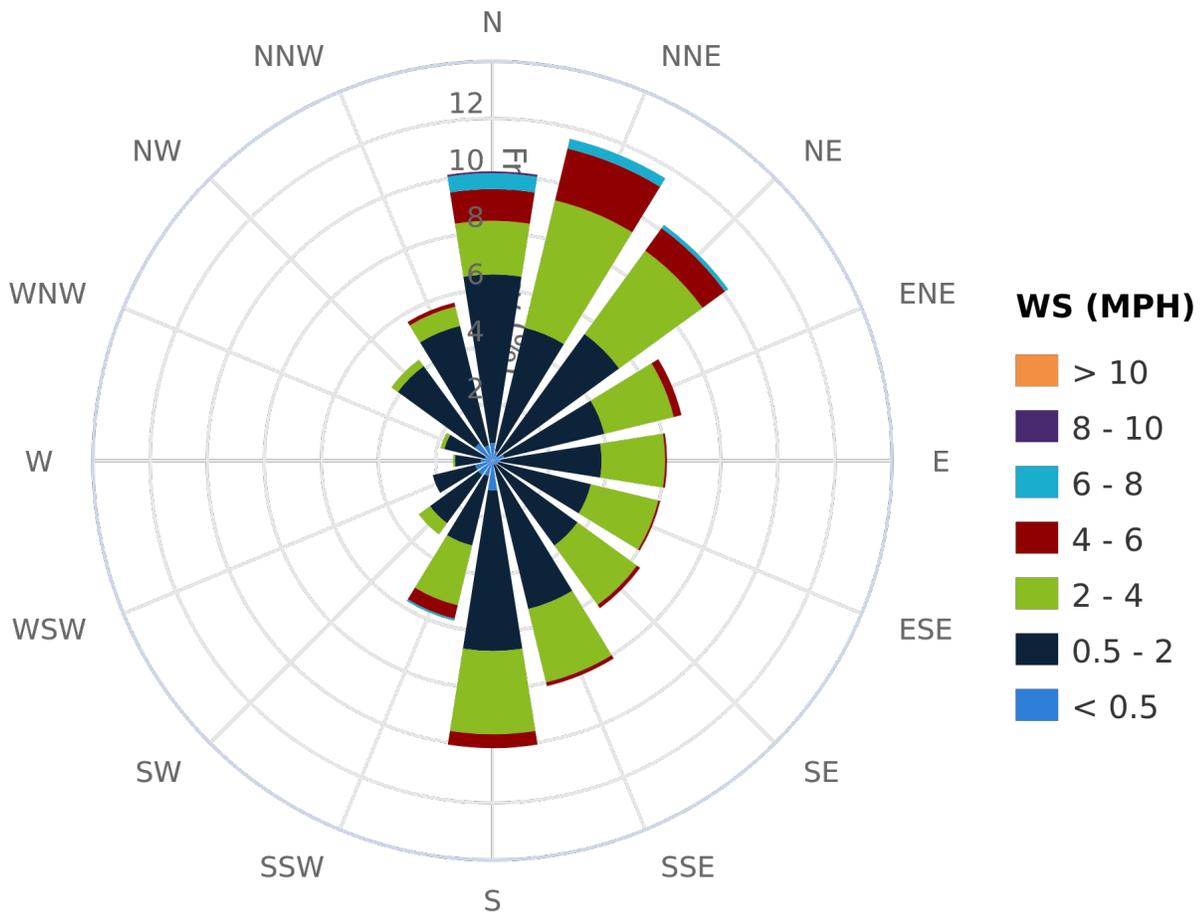


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

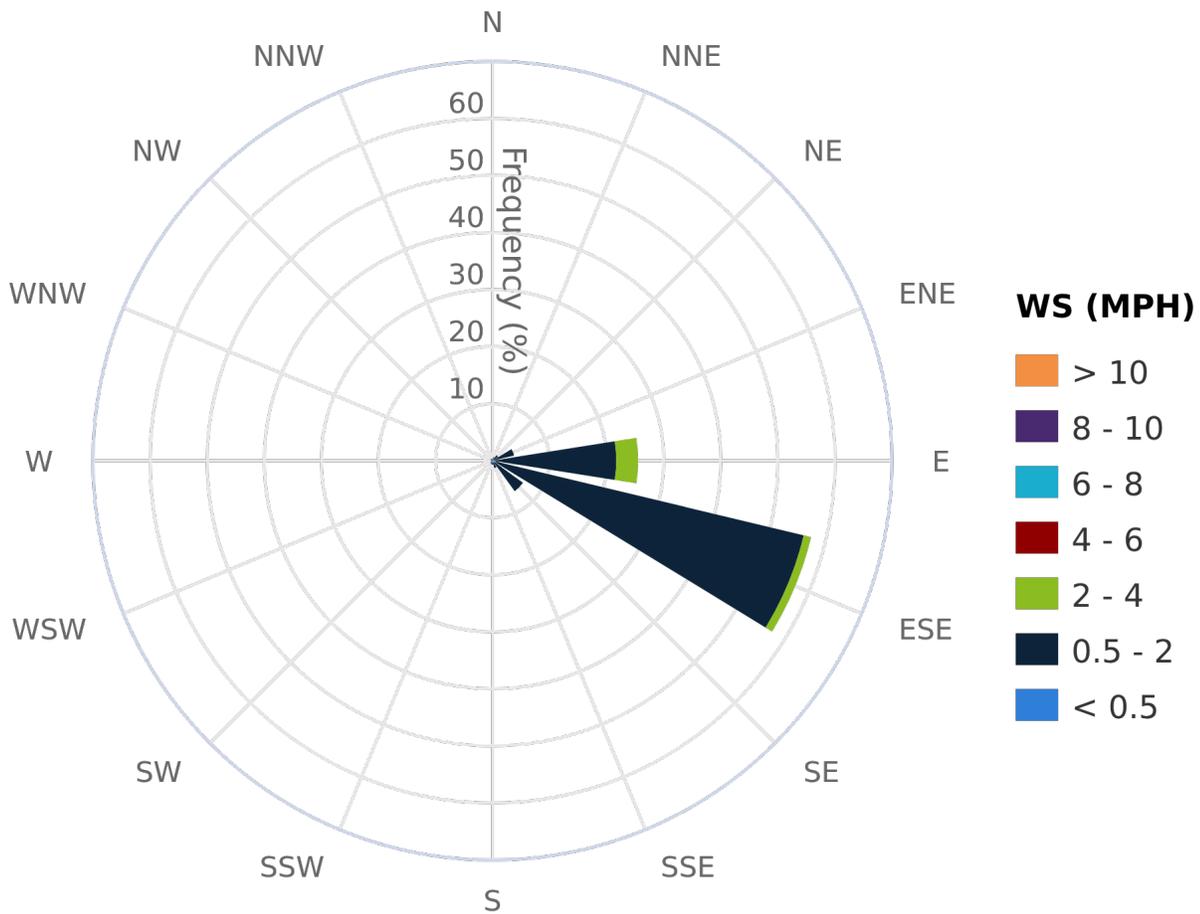


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

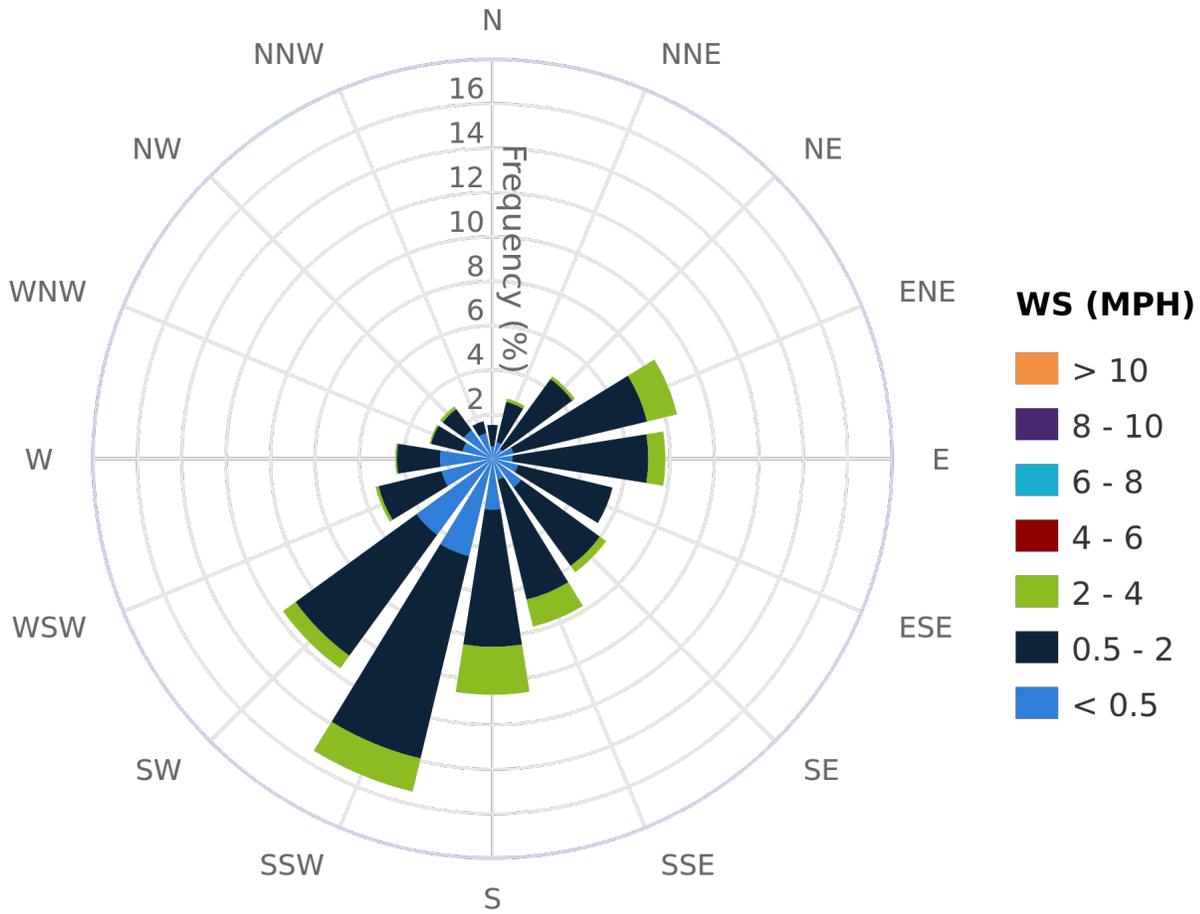


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.8	15.4	15.1	17.6	8.6	7.2	9.2	7.3	0.000	0.000	0.000	0.000
00:15:00	18.7	16.1	15.2	18.4	10.0	8.2	9.7	6.7	0.000	0.000	0.000	0.000
00:30:00	19.0	17.2	15.5	19.8	10.3	9.1	10.2	7.0	0.000	0.000	0.000	0.000
00:45:00	21.1	18.6	16.7	20.2	10.7	9.7	10.3	7.7	0.000	0.000	0.000	0.000
01:00:00	22.6	19.2	17.0	20.1	11.1	9.9	10.4	8.3	0.000	0.000	0.000	0.000
01:15:00	21.8	19.3	16.3	21.0	11.0	10.0	10.5	8.7	0.000	0.000	0.000	0.000
01:30:00	20.9	18.9	16.9	20.2	10.8	9.9	10.4	8.9	0.000	0.000	0.000	0.000
01:45:00	20.5	19.8	17.6	20.2	10.7	10.2	10.3	9.2	0.000	0.000	0.000	0.000
02:00:00	18.8	19.8	17.4	19.8	10.1	10.3	10.2	8.9	0.000	0.000	0.000	0.000
02:15:00	18.7	19.6	16.6	20.2	10.2	10.1	10.4	8.4	0.000	0.000	0.000	0.000
02:30:00	19.6	20.0	16.6	20.4	10.6	10.2	10.5	8.6	0.000	0.000	0.000	0.000
02:45:00	19.7	19.5	19.2	21.7	10.6	10.2	11.0	8.4	0.000	0.000	0.000	0.000
03:00:00	22.5	19.6	17.9	21.7	11.4	10.2	11.0	8.2	0.000	0.000	0.000	0.000
03:15:00	23.0	18.9	17.6	21.0	11.5	9.8	10.8	8.4	0.000	0.000	0.000	0.000
03:30:00	20.8	18.7	18.0	21.8	11.0	9.7	10.9	8.6	0.000	0.000	0.000	0.000
03:45:00	21.5	18.7	17.1	22.4	11.0	9.9	11.0	8.4	0.000	0.000	0.000	0.000
04:00:00	19.0	18.8	17.6	21.1	10.6	10.0	10.8	8.6	0.000	0.000	0.000	0.000
04:15:00	20.6	19.2	17.2	21.5	11.0	10.1	10.9	8.0	0.000	0.000	0.000	0.000
04:30:00	18.4	20.5	16.8	20.7	10.2	10.5	10.7	8.4	0.000	0.000	0.000	0.000
04:45:00	15.5	18.2	16.8	19.4	8.9	9.7	10.3	9.0	0.000	0.000	0.000	0.000
05:00:00	15.8	16.7	20.1	19.7	9.3	9.2	10.3	8.2	0.000	0.000	0.000	0.000
05:15:00	16.6	19.0	16.7	20.5	9.5	10.1	10.8	8.5	0.000	0.000	0.000	0.000
05:30:00	19.0	15.0	16.8	19.9	9.5	8.5	10.5	9.0	0.000	0.000	0.000	0.000
05:45:00	17.6	14.2	14.8	13.6	9.5	8.2	7.7	8.4	0.000	0.000	0.000	0.000
06:00:00	14.0	13.4	14.7	12.6	8.5	7.3	7.3	7.9	0.000	0.000	0.000	0.000
06:15:00	13.5	14.1	17.6	19.1	8.0	8.1	10.2	9.1	0.000	0.000	0.000	0.000
06:30:00	12.4	15.3	17.7	17.0	7.7	8.7	9.4	9.1	0.000	0.000	0.000	0.000
06:45:00	16.0	17.1	17.3	19.3	9.6	9.5	10.4	8.5	0.000	0.000	0.000	0.000
07:00:00	18.3	17.8	16.7	19.9	10.4	9.8	10.6	8.5	0.000	0.000	0.000	0.000
07:15:00	20.4	17.6	18.0	20.4	10.8	9.8	10.7	8.7	0.000	0.000	0.000	0.000
07:30:00	36.9	18.4	17.4	20.4	11.9	9.8	10.5	8.9	0.000	0.000	0.000	0.000
07:45:00	22.3	18.6	16.8	19.6	10.3	9.5	10.0	8.8	0.000	0.000	0.000	0.000
08:00:00	21.8	18.9	17.3	20.5	10.4	9.5	10.0	8.9	0.000	0.000	0.000	0.000
08:15:00	24.4	20.9	19.8	21.6	11.0	10.1	10.4	9.9	0.000	0.000	0.000	0.000
08:30:00	25.1	20.3	20.5	22.6	11.4	10.1	10.8	10.4	0.000	0.000	0.000	0.000
08:45:00	22.9	18.8	19.9	20.2	10.8	9.5	10.1	10.1	0.000	0.000	0.000	0.000
09:00:00	18.0	15.1	18.6	17.1	9.5	8.5	9.1	9.6	0.000	0.000	0.000	0.000
09:15:00	17.7	15.6	15.1	15.4	9.6	8.9	8.7	8.6	0.000	0.000	0.000	0.000
09:30:00	19.8	16.9	16.4	19.2	10.5	9.3	9.5	9.1	0.000	0.000	0.000	0.000
09:45:00	21.6	18.2	17.9	18.8	11.0	9.5	9.9	9.9	0.000	0.000	0.000	0.000
10:00:00	22.4	19.8	17.4	21.0	11.1	10.0	10.5	9.2	0.000	0.000	0.000	0.000
10:15:00	22.3	19.4	19.2	24.3	11.0	10.1	10.9	10.2	0.000	0.000	0.000	0.000
10:30:00	20.9	17.4	18.4	20.4	10.3	9.3	10.0	9.7	0.001	0.001	0.000	0.001
10:45:00	19.0	16.1	16.2	19.6	9.5	8.6	9.4	8.6	0.007	0.002	0.000	0.006
11:00:00	17.9	15.7	15.4	18.8	9.2	8.5	9.0	8.3	0.017	0.002	0.000	0.014
11:15:00	17.4	15.3	15.1	20.9	9.3	8.5	9.8	8.4	0.022	0.001	0.000	0.018
11:30:00	17.0	16.3	14.6	15.8	9.2	9.1	8.7	8.2	0.019	0.001	0.000	0.022
11:45:00	17.1	15.7	15.7	15.5	9.4	8.7	8.6	9.0	0.015	0.000	0.000	0.022



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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	15.4	14.6	14.3	15.0	8.3	7.8	8.2	8.0	0.003	0.000	0.000	0.022
12:15:00	15.4	14.4	13.5	15.1	8.3	7.8	7.9	7.4	0.000	0.000	0.000	0.018
12:30:00	15.2	13.8	14.0	15.2	8.0	7.3	7.7	7.2	0.000	0.000	0.000	0.010
12:45:00	14.1	13.3	13.0	14.6	7.5	7.1	7.4	7.1	0.000	0.000	0.000	0.000
13:00:00	13.7	14.4	13.0	13.4	7.1	6.9	6.9	7.1	0.000	0.000	0.000	0.000
13:15:00	13.4	12.6	13.0	13.5	6.9	6.5	6.9	7.0	0.000	0.000	0.000	0.000
13:30:00	12.9	12.3	13.3	12.7	6.8	6.4	6.6	6.8	0.000	0.000	0.000	0.000
13:45:00	12.5	12.7	11.8	12.2	6.6	6.6	6.4	6.3	0.000	0.000	0.000	0.000
14:00:00	12.3	11.6	14.4	12.1	6.4	6.2	6.3	6.7	0.000	0.000	0.000	0.000
14:15:00	12.2	11.8	10.7	11.5	6.3	5.9	6.1	5.8	0.000	0.000	0.000	0.000
14:30:00	12.1	13.7	11.6	11.6	6.3	6.2	6.2	6.0	0.000	0.000	0.000	0.000
14:45:00	12.2	11.8	11.0	11.7	6.2	6.1	6.1	5.8	0.000	0.000	0.000	0.000
15:00:00	11.7	10.9	11.4	15.5	6.1	5.8	6.7	5.8	0.000	0.000	0.000	0.000
15:15:00	11.0	11.0	10.3	11.4	5.8	5.7	5.8	5.4	0.000	0.000	0.000	0.000
15:30:00	8.9	8.9	7.5	8.5	4.4	4.6	4.3	3.9	0.000	0.000	0.000	0.000
15:45:00	8.9	8.9	8.4	9.2	4.7	4.6	4.7	4.4	0.000	0.000	0.000	0.000
16:00:00	8.2	7.8	7.8	8.1	4.4	4.1	4.7	4.5	0.000	0.000	0.000	0.000
16:15:00	8.7	7.9	8.1	9.0	4.4	4.1	4.9	4.7	0.000	0.000	0.000	0.000
16:30:00	10.5	10.4	9.2	10.7	6.1	6.0	6.0	5.5	0.000	0.000	0.000	0.000
16:45:00	12.4	10.9	10.6	11.2	6.5	6.1	6.4	5.9	0.000	0.000	0.000	0.000
17:00:00	11.6	11.0	11.0	11.8	6.2	6.0	6.5	6.3	0.000	0.000	0.000	0.000
17:15:00	51.3	9.8	10.0	10.3	9.7	5.3	5.5	5.5	0.000	0.000	0.000	0.000
17:30:00	11.3	11.3	10.5	11.0	6.0	5.9	6.0	5.7	0.000	0.002	0.000	0.000
17:45:00	52.5	11.9	11.7	12.4	10.8	6.4	6.6	6.4	0.002	0.003	0.000	0.007
18:00:00	46.6	12.6	12.8	13.2	10.8	6.8	7.1	7.0	0.018	0.002	0.014	0.013
18:15:00	15.1	13.1	13.9	14.0	7.5	6.8	7.4	7.2	0.032	0.001	0.027	0.014
18:30:00	14.1	13.4	13.1	14.4	7.3	6.7	7.4	6.9	0.032	0.001	0.033	0.013
18:45:00	15.7	12.6	13.3	14.1	7.4	6.7	7.3	6.7	0.031	0.000	0.032	0.008
19:00:00	33.5	13.3	13.3	14.5	9.6	7.0	7.4	6.7	0.027	0.000	0.032	0.004
19:15:00	14.7	14.3	12.7	14.2	7.6	7.4	7.5	6.7	0.021	0.000	0.029	0.002
19:30:00	26.1	14.7	13.6	14.9	9.0	7.5	7.6	6.8	0.012	0.000	0.025	0.000
19:45:00	37.9	16.4	14.3	15.5	10.0	8.2	8.0	7.0	0.004	0.000	0.020	0.000
20:00:00	29.2	16.9	14.3	17.2	9.5	8.3	8.3	7.0	0.000	0.000	0.016	0.000
20:15:00	84.5	17.1	15.8	18.2	17.9	8.6	8.9	7.9	0.000	0.000	0.012	0.000
20:30:00	19.7	17.7	17.2	18.6	9.5	8.9	9.2	8.4	0.000	0.000	0.010	0.000
20:45:00	33.5	18.2	17.2	19.1	11.4	9.0	9.3	8.6	0.000	0.000	0.011	0.000
21:00:00	20.0	18.4	17.1	19.2	10.1	9.2	9.6	8.9	0.000	0.000	0.008	0.000
21:15:00	20.7	18.9	17.9	18.9	10.2	9.3	9.7	9.1	0.000	0.000	0.004	0.000
21:30:00	21.1	19.2	17.7	19.5	10.2	9.5	9.7	9.0	0.000	0.000	0.000	0.000
21:45:00	21.3	19.1	18.1	19.6	10.3	9.4	9.9	9.1	0.000	0.000	0.000	0.000
22:00:00	21.3	18.7	17.7	20.1	10.3	9.4	10.0	9.0	0.000	0.000	0.000	0.000
22:15:00	20.2	18.9	17.6	19.6	10.2	9.4	9.9	9.1	0.000	0.000	0.000	0.000
22:30:00	21.3	19.3	18.3	19.7	10.4	9.5	9.9	9.0	0.000	0.000	0.000	0.000
22:45:00	21.4	19.1	18.3	19.9	10.4	9.6	10.1	9.0	0.000	0.000	0.000	0.000
23:00:00	20.3	18.7	18.8	20.2	10.1	9.4	10.0	8.9	0.000	0.000	0.000	0.000
23:15:00	20.5	18.5	20.3	20.1	10.3	9.4	10.0	9.0	0.000	0.000	0.000	0.000
23:30:00	20.6	18.2	18.9	20.2	10.3	9.2	10.0	8.6	0.000	0.000	0.000	0.000
23:45:00	19.3	17.8	17.1	19.5	9.9	9.1	9.9	8.5	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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