



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-03-16

**Table 1 : Weather Summary**

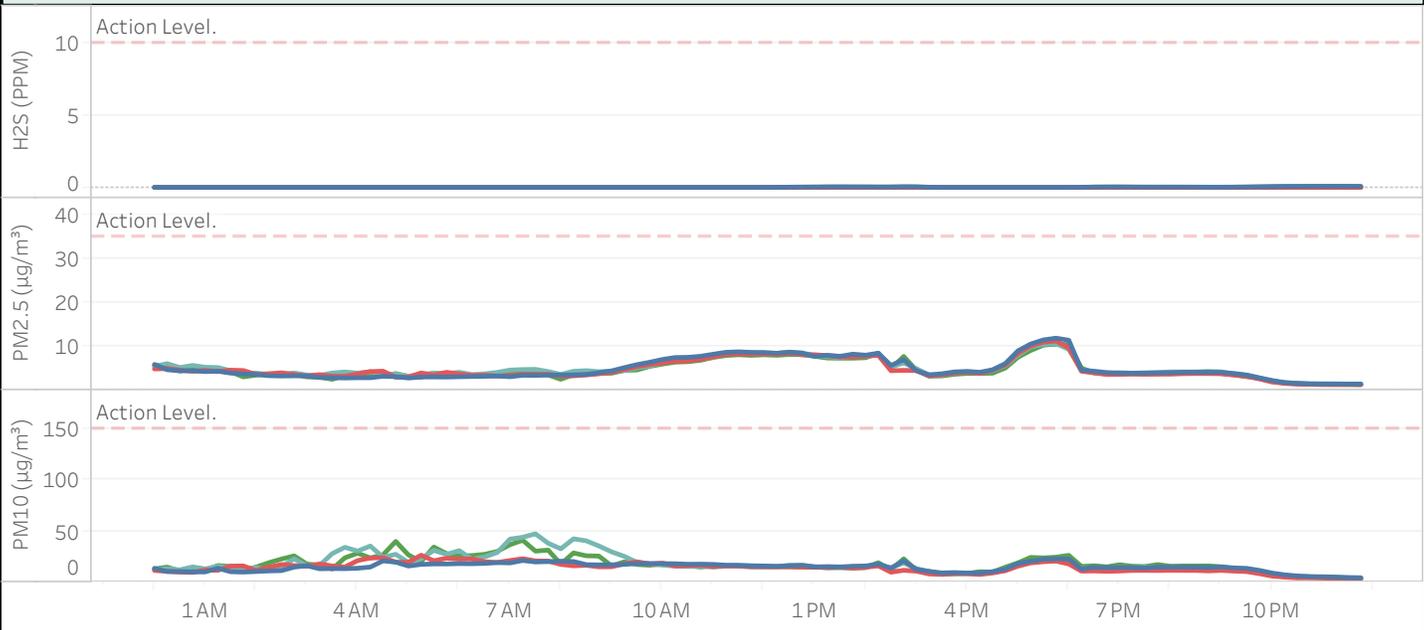
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.00 to 10.47	2943 SE	3061 SW	2996 W	2997 WNW	Min : 47.48 Max : 83.84	Min : 45.50 Max : 92.10	Min : 26.39 Max : 41.11

**Table 2 : Monitoring Summary**

Site Action Level :	PM10 : 150 µg/m <sup>3</sup>	PM2.5 : 35 µg/m <sup>3</sup>	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m <sup>3</sup> )	Max. PM10-15-min Avg (µg/m <sup>3</sup> )	Avg. PM2.5 Daily (µg/m <sup>3</sup> )	Max. PM2.5-15-min Avg (µg/m <sup>3</sup> )	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	14.7	22.9	4.9	11.8	0.014	0.080
2996	14.3	26.4	4.7	11.2	0.000	0.006
2997	18.1	47.2	5.0	10.6	0.012	0.080
3061	17.6	40.9	4.6	10.5	0.001	0.003



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

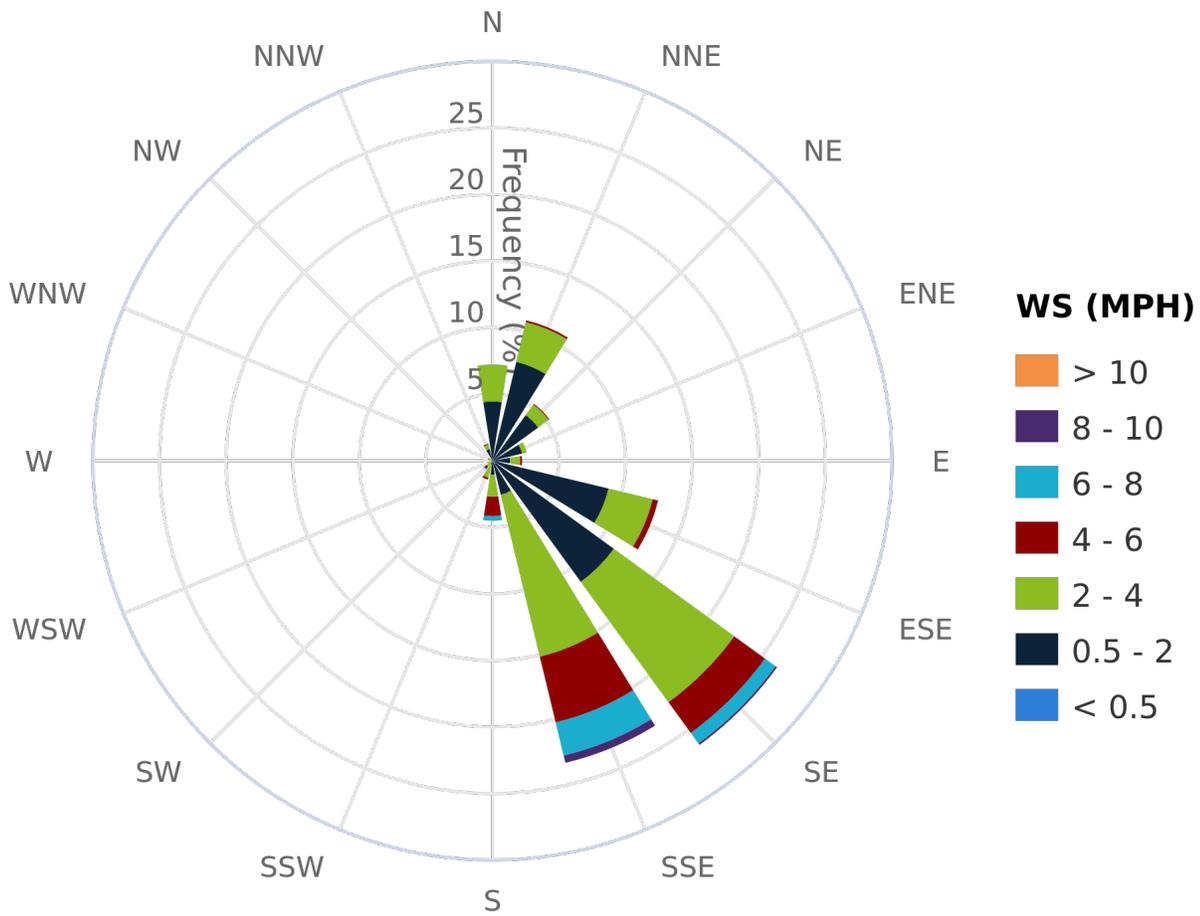


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-03-16

Wind Rose Chart 3061

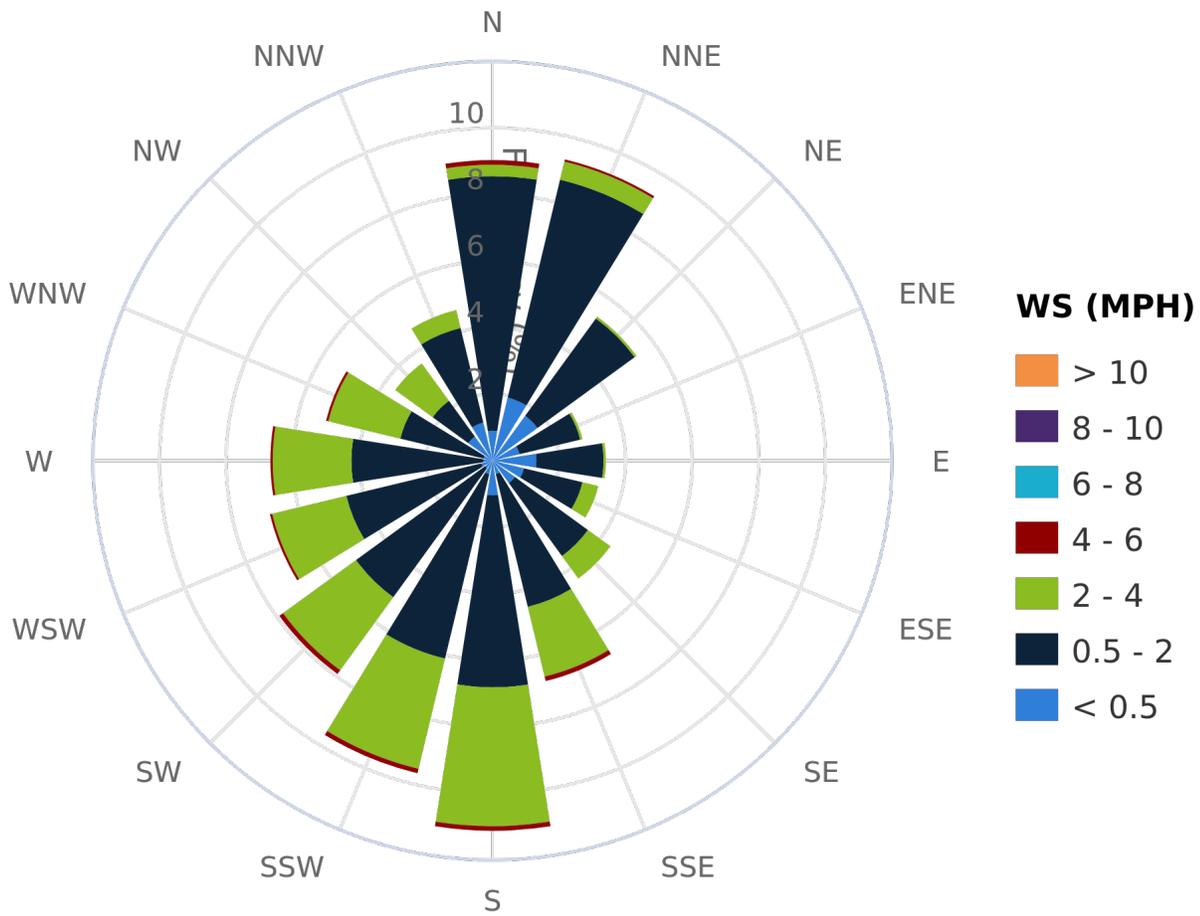


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2996

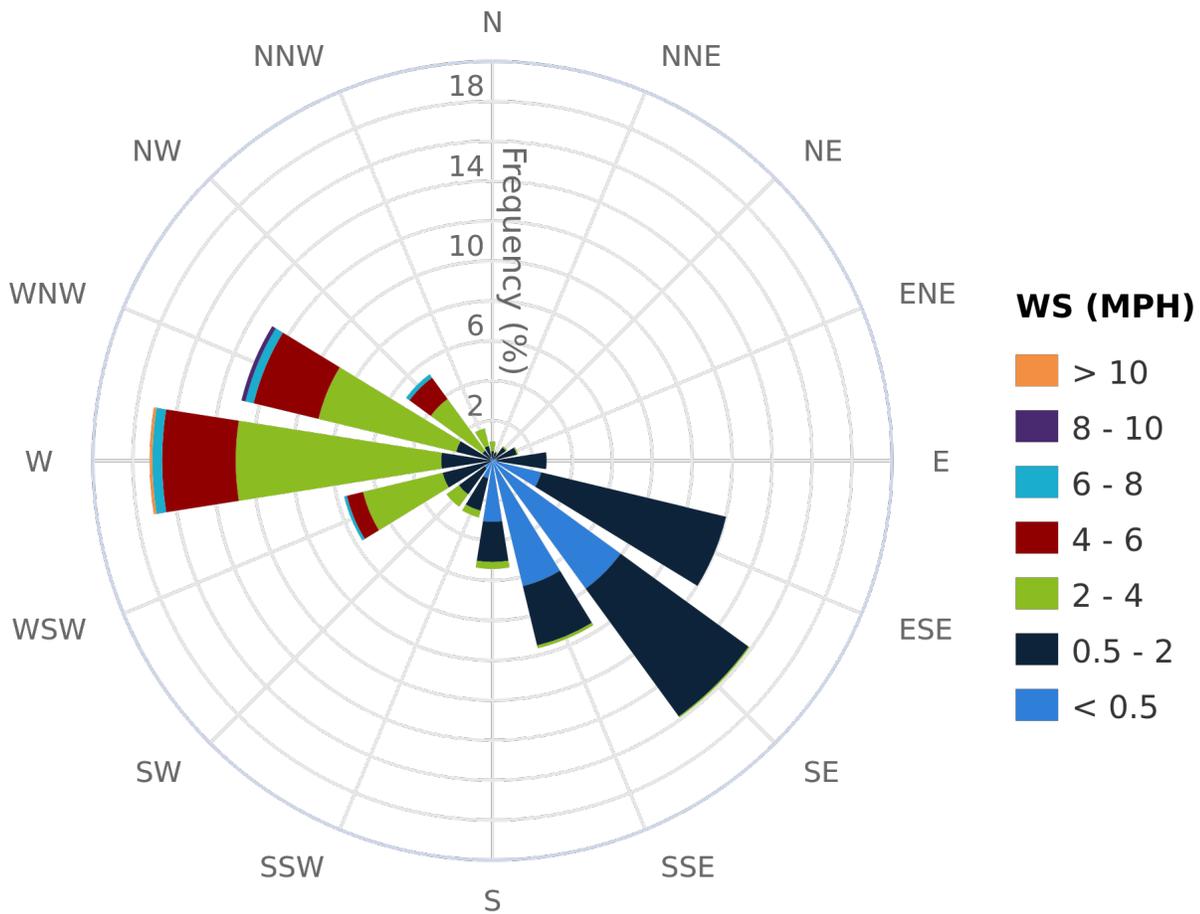


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-03-16

Wind Rose Chart 2997

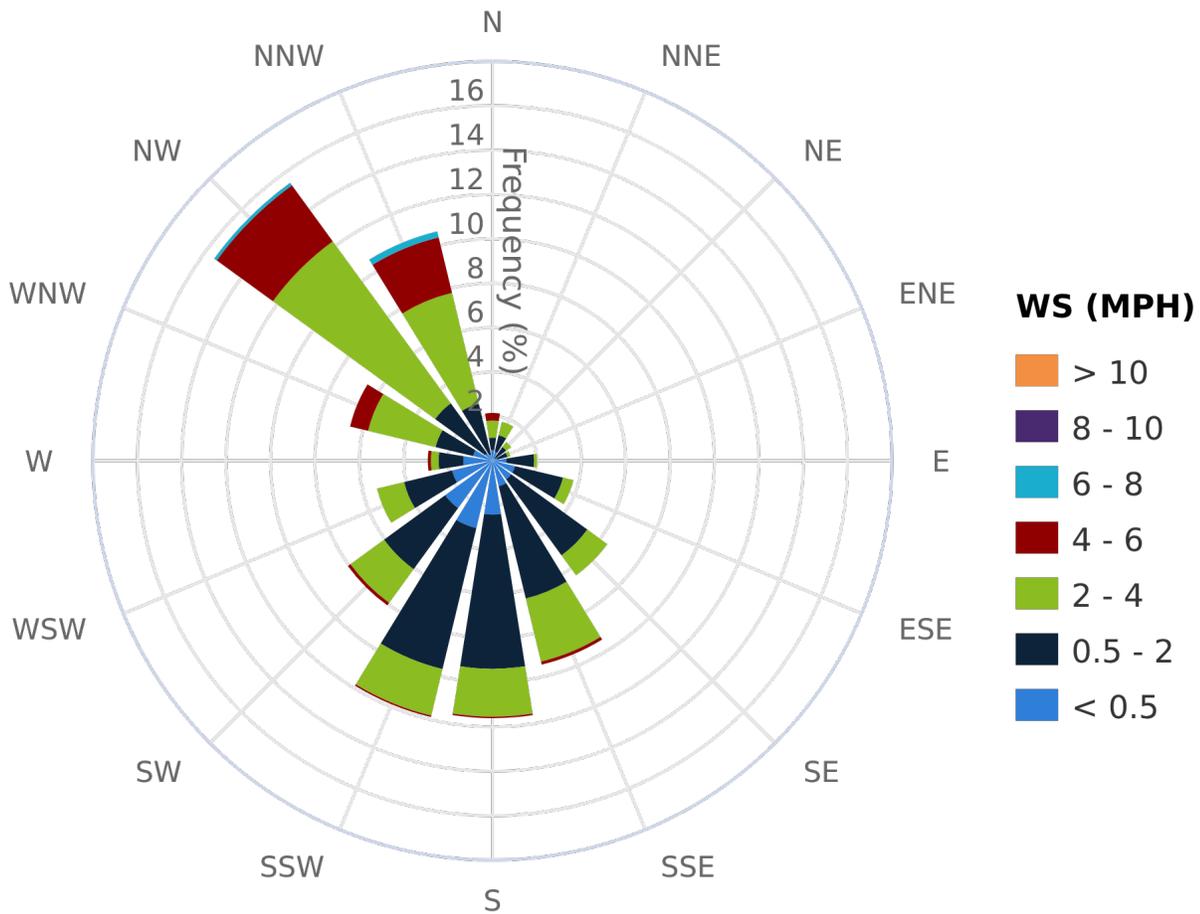


Figure 3 : Wind Rose Chart (WS in MPH)



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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	13.7	13.0	12.3	11.5	5.9	5.6	4.8	5.4	0.000	0.000	0.000	0.000
00:15:00	10.5	14.8	13.3	10.7	4.7	5.7	4.9	6.1	0.000	0.000	0.000	0.000
00:30:00	10.5	10.9	12.1	9.9	4.4	4.4	4.6	5.2	0.000	0.000	0.000	0.000
00:45:00	10.1	12.4	15.0	9.6	4.4	4.8	4.3	5.7	0.000	0.000	0.000	0.000
01:00:00	10.1	11.5	13.1	12.0	4.2	4.7	4.5	5.2	0.000	0.000	0.000	0.000
01:15:00	13.7	16.4	15.8	11.7	4.3	4.7	4.3	5.2	0.000	0.000	0.000	0.000
01:30:00	10.3	15.4	13.8	15.8	3.9	4.2	4.6	4.4	0.000	0.000	0.000	0.000
01:45:00	10.0	11.7	12.0	16.0	3.7	3.0	4.5	3.9	0.000	0.000	0.000	0.000
02:00:00	10.5	14.8	14.4	11.4	3.6	3.4	3.6	3.9	0.000	0.000	0.000	0.000
02:15:00	11.1	19.1	11.7	14.7	3.3	3.7	3.8	3.6	0.000	0.000	0.000	0.000
02:30:00	11.4	22.6	15.3	17.3	3.2	3.7	4.0	3.6	0.000	0.000	0.000	0.000
02:45:00	14.8	25.8	22.9	16.3	3.3	3.6	3.6	3.9	0.000	0.000	0.000	0.000
03:00:00	16.2	17.8	15.9	15.6	3.3	3.0	3.3	3.5	0.000	0.000	0.000	0.000
03:15:00	13.2	16.7	16.4	17.8	2.9	2.9	3.6	3.4	0.000	0.000	0.000	0.000
03:30:00	13.4	12.9	28.0	15.9	2.9	2.5	3.2	3.9	0.000	0.000	0.000	0.000
03:45:00	13.3	23.9	34.1	14.9	2.8	3.4	3.2	4.2	0.000	0.000	0.000	0.000
04:00:00	13.7	28.3	30.4	21.2	2.8	3.4	3.7	3.9	0.000	0.000	0.000	0.000
04:15:00	14.8	23.7	35.3	23.7	2.8	3.2	4.2	4.2	0.000	0.000	0.000	0.000
04:30:00	20.9	26.8	24.4	23.9	3.2	3.3	4.3	3.6	0.000	0.000	0.000	0.000
04:45:00	19.6	39.8	27.3	19.6	3.1	3.8	3.0	3.7	0.000	0.000	0.000	0.000
05:00:00	15.8	26.7	19.3	19.5	2.8	3.2	3.0	3.2	0.000	0.000	0.000	0.000
05:15:00	17.5	20.2	23.0	26.4	3.0	3.0	3.9	3.5	0.000	0.000	0.000	0.000
05:30:00	17.9	34.4	31.1	21.0	3.0	3.9	3.5	3.9	0.000	0.000	0.000	0.000
05:45:00	17.9	28.0	27.2	23.5	3.0	3.4	4.1	3.8	0.000	0.000	0.000	0.000
06:00:00	18.2	25.5	30.9	22.5	3.1	3.3	3.7	4.1	0.000	0.000	0.000	0.000
06:15:00	18.1	26.1	22.4	22.8	3.1	3.3	3.4	3.6	0.000	0.000	0.000	0.000
06:30:00	18.4	27.2	24.7	20.1	3.2	3.3	3.4	3.7	0.000	0.000	0.000	0.000
06:45:00	19.2	30.1	29.0	19.3	3.3	3.4	3.2	4.1	0.000	0.000	0.000	0.000
07:00:00	18.9	36.6	42.1	21.2	3.1	4.0	3.4	4.6	0.000	0.000	0.000	0.000
07:15:00	21.3	40.9	43.9	23.0	3.4	3.9	3.6	4.7	0.000	0.000	0.000	0.000
07:30:00	19.8	30.4	47.2	20.9	3.4	3.7	3.6	4.8	0.000	0.000	0.000	0.000
07:45:00	20.2	31.4	38.1	20.7	3.5	3.5	3.7	4.3	0.000	0.000	0.000	0.000
08:00:00	20.6	17.7	32.6	17.4	3.5	2.5	3.2	3.6	0.000	0.000	0.000	0.000
08:15:00	20.2	28.6	42.4	16.0	3.5	3.6	3.3	4.3	0.000	0.000	0.000	0.000
08:30:00	17.2	25.8	40.4	16.6	3.6	3.6	3.5	4.5	0.000	0.000	0.000	0.000
08:45:00	17.0	25.5	35.4	15.0	4.0	3.8	3.7	4.2	0.000	0.000	0.000	0.000
09:00:00	17.1	15.9	29.7	15.1	4.4	3.9	4.1	4.3	0.000	0.000	0.000	0.000
09:15:00	17.5	20.0	25.3	18.0	5.1	4.5	4.7	4.5	0.000	0.000	0.000	0.000
09:30:00	18.3	17.3	19.4	20.0	5.8	4.6	5.4	5.1	0.000	0.000	0.000	0.000
09:45:00	18.3	16.6	18.0	17.9	6.4	5.4	5.8	5.5	0.000	0.000	0.000	0.000
10:00:00	18.2	17.8	16.7	18.7	7.0	6.0	6.2	6.3	0.000	0.000	0.000	0.000
10:15:00	18.1	17.9	15.7	15.9	7.4	6.4	6.6	6.8	0.000	0.000	0.000	0.000
10:30:00	17.6	16.3	15.5	16.1	7.5	6.5	6.7	6.8	0.000	0.000	0.000	0.000
10:45:00	17.7	14.8	15.6	16.5	7.7	6.8	7.0	7.3	0.000	0.000	0.000	0.000
11:00:00	17.4	16.4	14.8	15.4	8.2	7.5	7.6	7.4	0.000	0.000	0.000	0.000
11:15:00	16.7	16.1	15.7	15.9	8.6	7.9	8.2	8.4	0.000	0.000	0.000	0.000
11:30:00	16.7	15.9	15.5	15.8	8.7	8.1	8.2	8.5	0.000	0.000	0.000	0.000
11:45:00	16.2	15.1	15.3	15.3	8.6	7.9	8.2	8.5	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	15.9	15.4	15.0	15.1	8.6	8.1	8.3	8.4	0.000	0.000	0.000	0.000
12:15:00	15.5	15.3	15.1	15.0	8.4	7.9	8.2	8.4	0.005	0.000	0.000	0.000
12:30:00	16.0	15.3	16.8	15.1	8.7	8.1	8.4	8.7	0.019	0.000	0.000	0.000
12:45:00	16.6	14.9	16.5	14.7	8.4	8.1	8.1	8.5	0.028	0.000	0.000	0.000
13:00:00	15.0	15.0	15.2	14.6	7.7	7.7	8.1	7.9	0.036	0.002	0.000	0.010
13:15:00	15.3	14.2	14.3	14.4	8.0	7.3	7.9	7.6	0.041	0.002	0.004	0.026
13:30:00	15.0	14.2	14.7	14.9	7.7	7.3	7.6	7.4	0.043	0.003	0.004	0.029
13:45:00	15.7	13.9	15.0	13.8	8.2	7.3	7.6	7.7	0.038	0.002	0.002	0.031
14:00:00	15.9	14.3	14.8	14.6	8.0	7.4	7.8	7.7	0.038	0.002	0.003	0.029
14:15:00	17.7	19.1	17.3	16.0	8.4	8.4	8.0	8.2	0.032	0.002	0.004	0.025
14:30:00	13.9	12.2	13.7	9.8	5.6	4.9	4.4	5.3	0.033	0.003	0.003	0.029
14:45:00	20.9	22.8	18.9	11.7	6.9	7.7	4.5	6.2	0.045	0.003	0.006	0.042
15:00:00	12.6	11.7	13.3	10.8	4.5	4.6	4.5	4.9	0.043	0.003	0.003	0.037
15:15:00	10.6	10.5	10.5	8.1	3.5	3.2	3.3	3.5	0.012	0.002	0.000	0.017
15:30:00	9.2	8.0	8.0	7.7	3.8	3.3	3.5	3.5	0.000	0.001	0.000	0.001
15:45:00	9.5	8.4	8.7	8.5	4.2	3.6	4.0	4.0	0.000	0.000	0.000	0.000
16:00:00	9.0	8.7	8.8	8.3	4.3	3.8	4.1	4.2	0.000	0.000	0.000	0.000
16:15:00	9.1	10.4	8.6	7.6	4.1	3.8	3.8	3.9	0.000	0.000	0.000	0.000
16:30:00	10.4	10.0	9.9	9.1	4.7	3.9	4.5	4.5	0.000	0.000	0.000	0.000
16:45:00	12.9	14.7	12.9	11.3	6.1	5.1	5.8	5.6	0.000	0.000	0.000	0.000
17:00:00	18.3	19.0	17.3	15.7	9.0	7.5	8.4	8.0	0.000	0.000	0.000	0.000
17:15:00	20.5	24.3	20.0	18.9	10.5	9.0	10.1	9.8	0.000	0.000	0.000	0.000
17:30:00	22.5	23.8	21.0	20.0	11.4	10.3	10.9	10.5	0.000	0.000	0.000	0.000
17:45:00	22.9	24.5	20.5	20.7	11.8	10.5	11.2	10.6	0.000	0.000	0.000	0.000
18:00:00	22.6	26.3	19.4	17.8	11.4	10.4	9.6	9.3	0.000	0.000	0.000	0.000
18:15:00	12.9	15.4	13.3	10.9	4.6	5.0	4.3	4.6	0.011	0.000	0.000	0.007
18:30:00	14.6	16.1	13.1	11.1	4.3	4.0	3.9	4.0	0.030	0.001	0.000	0.021
18:45:00	14.3	15.1	13.5	10.7	4.0	3.7	3.6	3.8	0.033	0.002	0.000	0.028
19:00:00	14.6	17.1	14.6	11.0	3.9	3.7	3.6	4.0	0.038	0.002	0.000	0.026
19:15:00	14.3	15.6	14.0	11.5	3.9	3.8	3.7	3.9	0.032	0.001	0.000	0.020
19:30:00	14.1	15.4	14.8	11.6	3.9	3.7	3.6	4.0	0.027	0.001	0.000	0.014
19:45:00	14.8	17.3	14.0	11.5	4.0	3.9	3.6	4.0	0.025	0.000	0.000	0.013
20:00:00	14.8	15.7	14.8	11.7	4.0	3.8	3.7	4.2	0.028	0.000	0.000	0.013
20:15:00	14.8	15.9	14.0	11.6	4.1	3.9	3.8	4.2	0.026	0.001	0.001	0.014
20:30:00	14.7	15.9	13.6	11.6	4.1	3.9	3.8	4.2	0.023	0.001	0.003	0.013
20:45:00	14.5	16.0	13.8	11.1	4.1	3.9	3.8	4.3	0.018	0.000	0.002	0.013
21:00:00	15.0	15.2	13.7	11.6	4.1	3.8	3.8	4.2	0.018	0.001	0.001	0.012
21:15:00	14.0	13.4	12.2	10.9	3.8	3.5	3.5	3.7	0.023	0.001	0.002	0.018
21:30:00	13.6	12.0	11.7	10.4	3.5	3.1	3.2	3.5	0.032	0.001	0.003	0.028
21:45:00	11.6	10.7	9.6	8.4	2.8	2.7	2.6	2.8	0.041	0.002	0.001	0.048
22:00:00	9.0	8.3	7.0	6.1	2.2	2.1	1.9	2.0	0.051	0.001	0.000	0.068
22:15:00	7.3	6.6	5.7	5.0	1.8	1.7	1.6	1.7	0.066	0.001	0.000	0.080
22:30:00	6.2	5.6	5.5	4.3	1.6	1.5	1.4	1.6	0.069	0.002	0.000	0.079
22:45:00	5.6	5.5	4.8	4.3	1.5	1.4	1.4	1.5	0.075	0.003	0.000	0.075
23:00:00	5.5	4.8	4.8	4.1	1.4	1.3	1.3	1.5	0.077	0.002	0.000	0.072
23:15:00	5.1	4.6	4.5	3.8	1.5	1.3	1.3	1.4	0.080	0.003	0.000	0.067
23:30:00	4.7	4.1	4.3	3.5	1.4	1.3	1.3	1.4	0.079	0.002	0.000	0.061
23:45:00	4.5	4.0	3.8	3.4	1.4	1.3	1.3	1.5	0.074	0.003	0.000	0.058



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

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