



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-05-18

**Table 1 : Weather Summary**

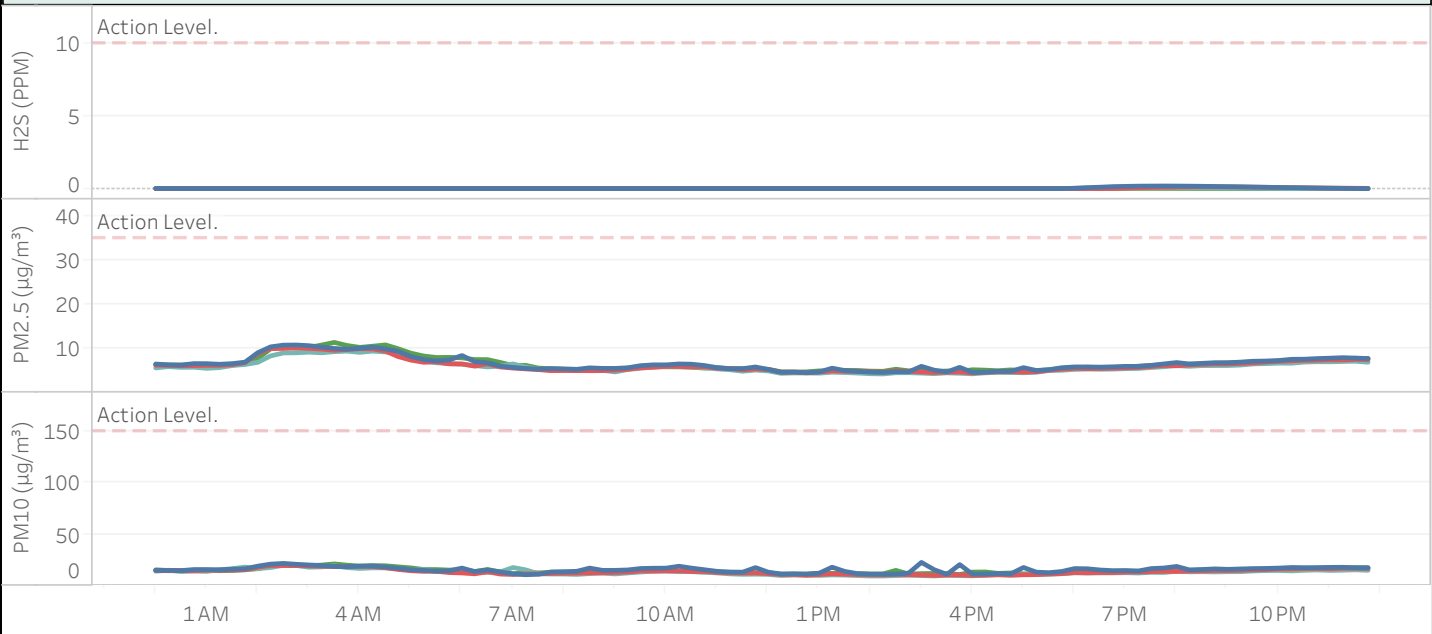
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.112 to 8.321	2943 SE	3061 NNE	2996 E	2997 NE	Min : 64.94 Max : 100.2	Min : 37.40 Max : 85.30	Min : 30.07 Max : 30.35

**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	15.6	22.7	6.6	10.8	0.025	0.179
2996	13.7	19.6	6.2	10.1	0.016	0.124
2997	13.3	19.8	5.9	9.4	0.009	0.071
3061	14.6	21.2	6.5	11.4	0.001	0.013



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

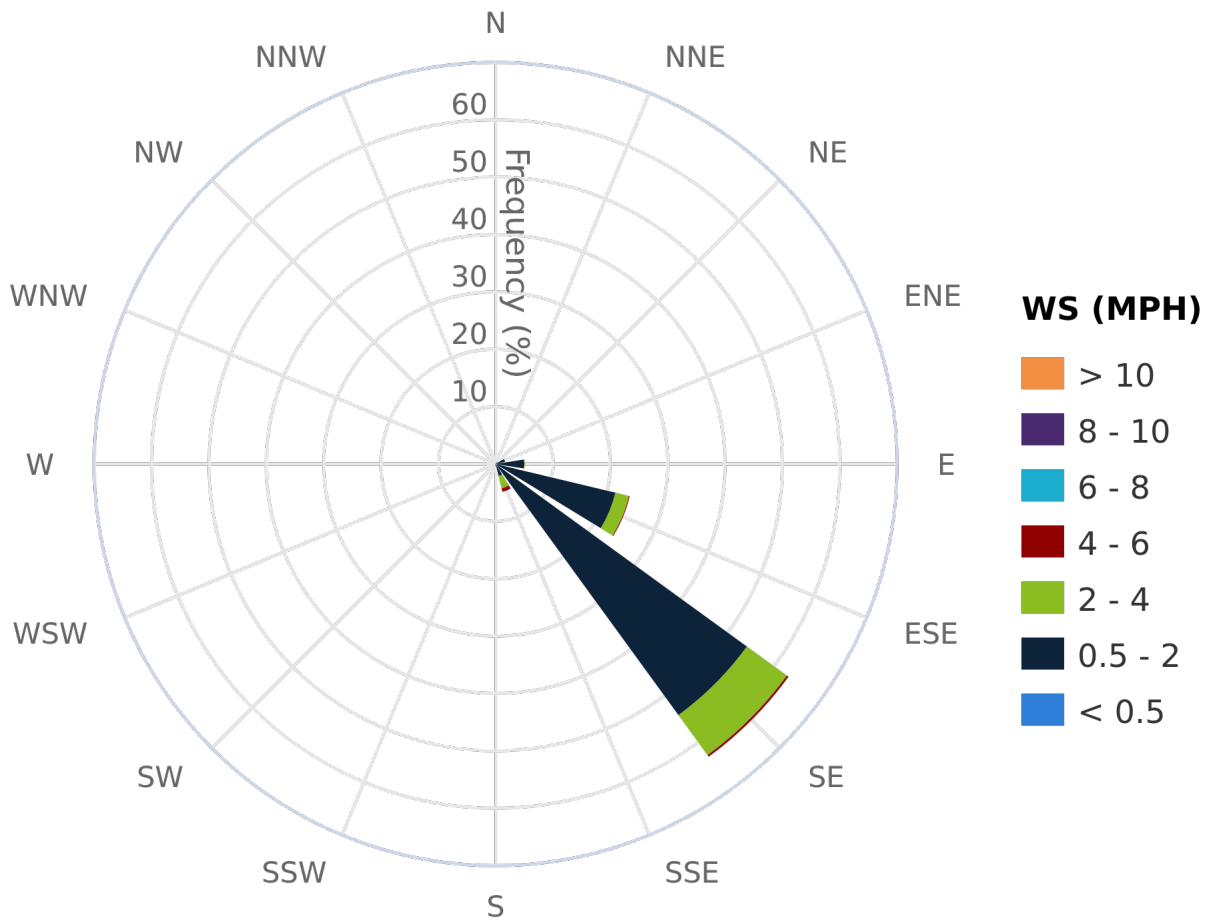


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

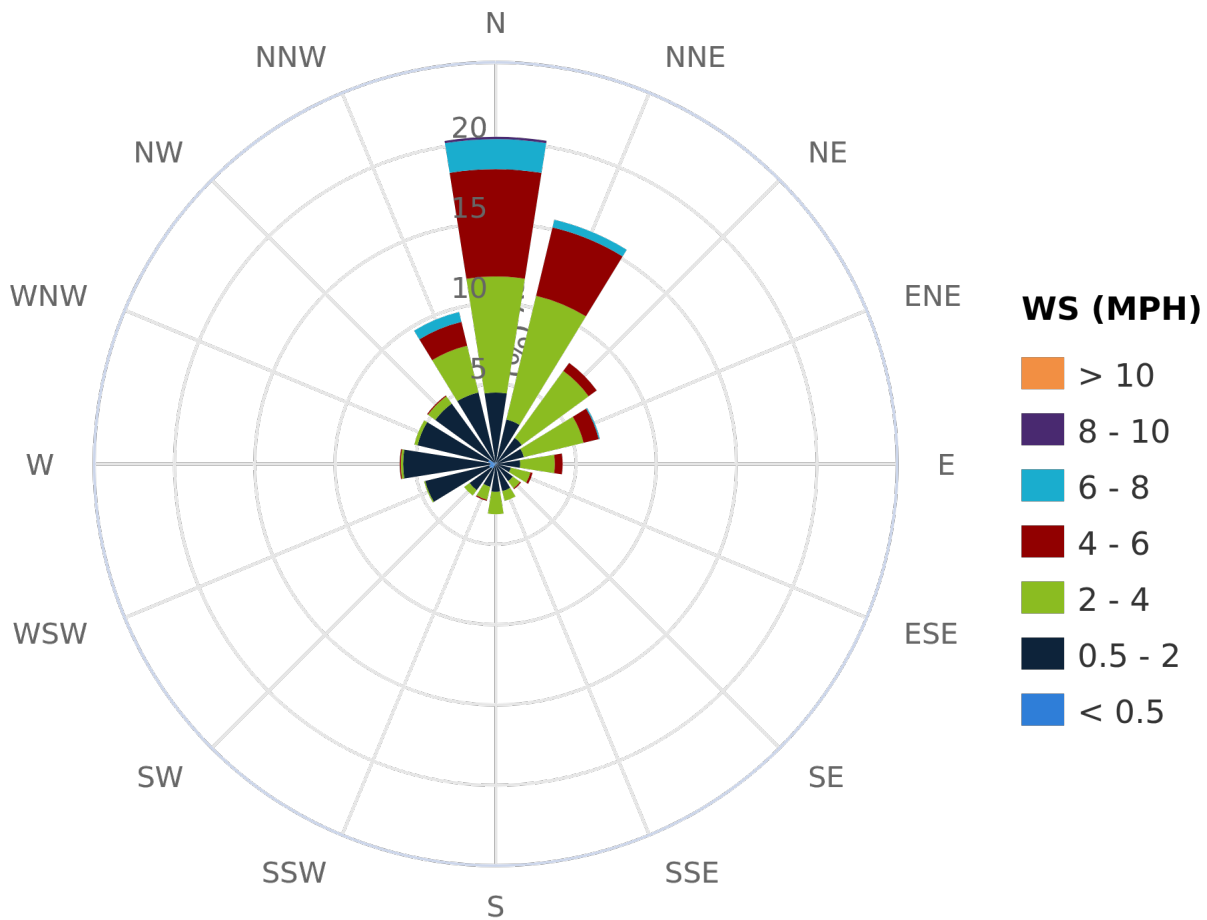


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

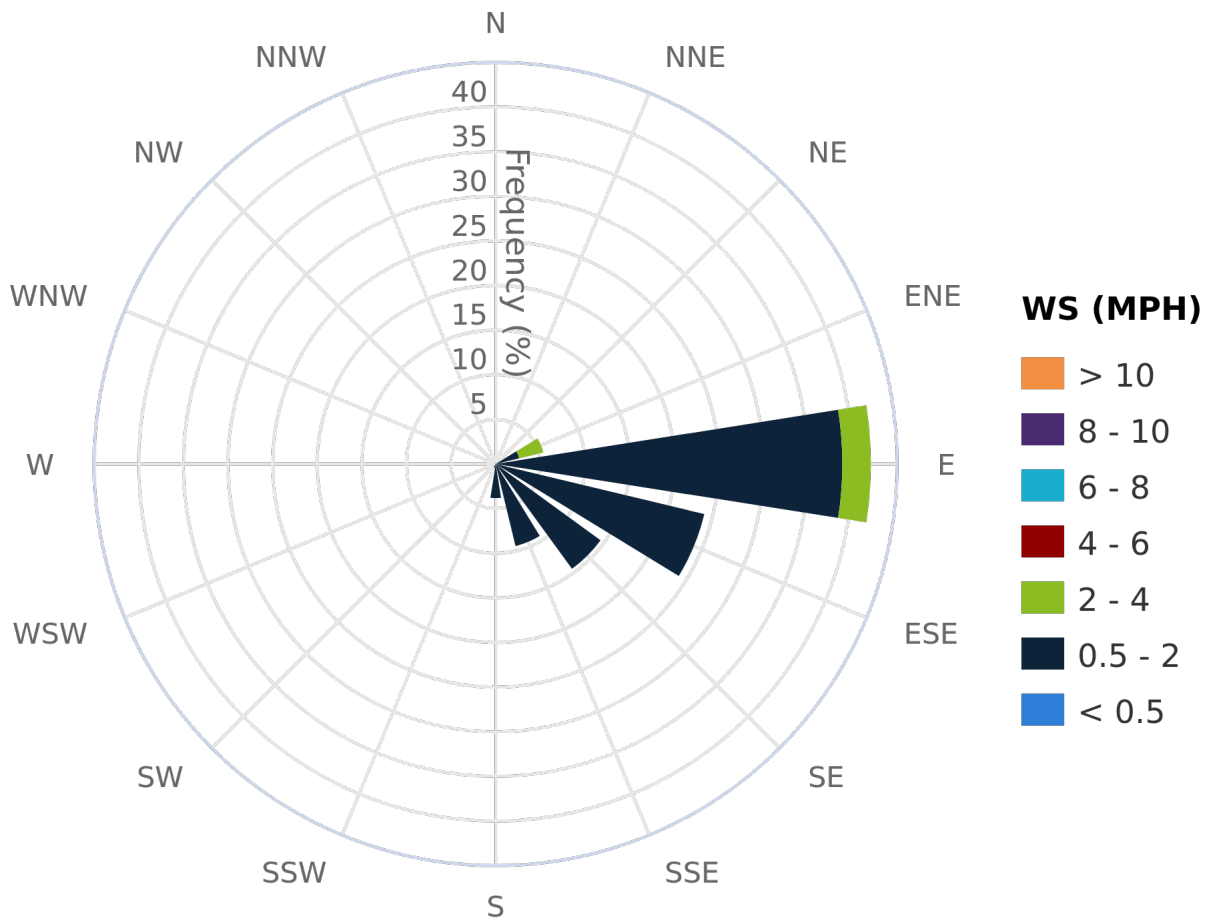


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

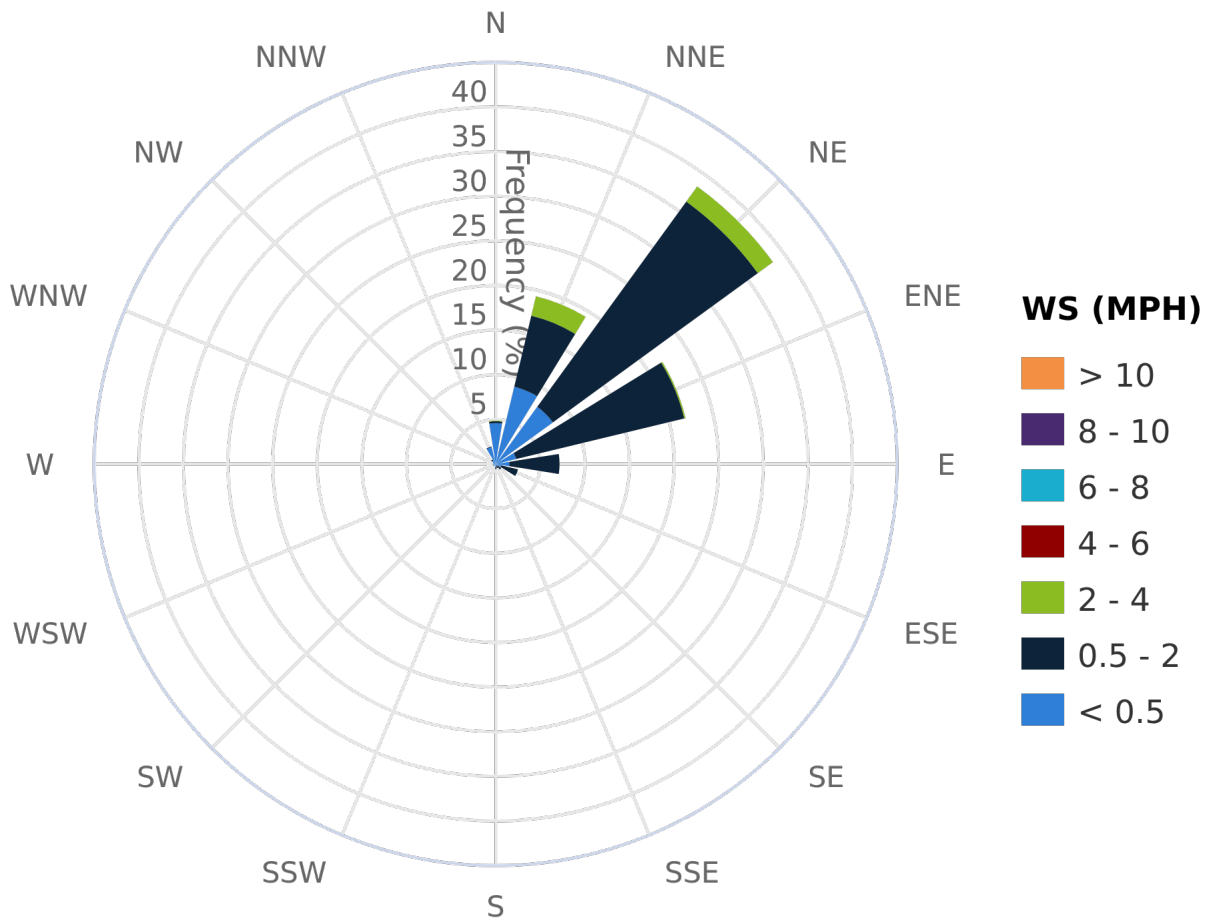


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.1	15.4	14.1	14.7	6.5	6.3	6.2	5.6	0.008	0.000	0.003	0.000
00:15:00	14.8	14.9	15.1	14.6	6.3	6.3	6.2	5.9	0.005	0.000	0.002	0.000
00:30:00	14.7	14.4	13.8	14.6	6.2	6.2	6.1	5.7	0.002	0.000	0.000	0.000
00:45:00	15.7	14.8	14.2	14.6	6.6	6.2	6.1	5.7	0.001	0.000	0.000	0.000
01:00:00	15.7	14.8	13.9	15.0	6.5	6.2	6.2	5.5	0.000	0.000	0.000	0.000
01:15:00	15.5	14.6	15.5	15.0	6.4	6.2	6.2	5.7	0.000	0.000	0.000	0.000
01:30:00	16.1	14.8	16.5	15.2	6.6	6.2	6.3	6.1	0.000	0.000	0.000	0.000
01:45:00	16.4	15.4	18.1	15.6	6.9	6.7	6.8	6.4	0.000	0.000	0.000	0.000
02:00:00	19.0	16.5	16.6	18.0	9.0	7.8	8.8	6.8	0.000	0.000	0.000	0.000
02:15:00	20.9	19.4	17.7	19.6	10.3	9.9	9.9	8.3	0.000	0.000	0.000	0.000
02:30:00	21.7	20.2	19.8	19.6	10.7	10.5	10.0	9.0	0.000	0.000	0.000	0.000
02:45:00	20.8	19.7	19.7	19.5	10.8	10.1	10.1	9.0	0.000	0.000	0.000	0.000
03:00:00	20.2	19.4	18.0	19.3	10.6	10.2	10.0	9.1	0.000	0.000	0.000	0.000
03:15:00	19.6	20.1	18.3	18.9	10.3	10.8	9.8	9.0	0.000	0.000	0.000	0.000
03:30:00	18.7	21.2	19.3	18.6	10.0	11.4	9.6	9.3	0.000	0.000	0.000	0.000
03:45:00	18.5	20.0	17.6	18.6	9.8	10.7	9.8	9.4	0.000	0.000	0.000	0.000
04:00:00	19.0	19.1	16.8	18.9	10.0	10.2	9.9	9.1	0.000	0.000	0.000	0.000
04:15:00	19.2	19.6	17.3	18.6	10.3	10.5	9.9	9.4	0.000	0.000	0.000	0.000
04:30:00	18.2	19.4	17.3	17.5	9.9	10.8	9.4	9.2	0.000	0.000	0.000	0.000
04:45:00	16.9	18.3	16.5	15.8	9.3	9.9	8.1	8.7	0.000	0.000	0.000	0.000
05:00:00	15.6	17.3	15.3	14.6	8.2	8.9	7.3	7.8	0.000	0.000	0.000	0.000
05:15:00	14.9	15.7	15.6	14.0	7.5	8.3	6.9	7.2	0.000	0.000	0.000	0.000
05:30:00	14.2	15.7	13.8	14.0	7.2	7.9	6.9	6.7	0.000	0.000	0.000	0.000
05:45:00	14.5	15.2	14.0	12.8	7.4	8.0	6.5	6.6	0.000	0.000	0.000	0.000
06:00:00	17.1	15.6	13.4	12.4	8.4	7.9	6.5	6.4	0.000	0.000	0.000	0.000
06:15:00	13.8	13.8	12.6	11.6	7.0	7.5	6.0	6.1	0.000	0.000	0.000	0.000
06:30:00	15.3	15.8	13.0	13.5	6.7	7.5	6.5	5.8	0.000	0.000	0.000	0.000
06:45:00	13.4	13.4	13.5	11.3	6.0	6.8	5.8	6.0	0.000	0.000	0.000	0.000
07:00:00	11.6	11.5	17.7	10.9	5.7	6.1	5.5	6.5	0.000	0.000	0.000	0.000
07:15:00	10.7	13.2	15.4	11.5	5.5	6.2	5.4	5.8	0.000	0.000	0.000	0.000
07:30:00	11.2	12.5	11.6	11.5	5.3	5.6	5.2	5.3	0.000	0.000	0.000	0.000
07:45:00	13.5	12.9	11.4	12.0	5.4	5.4	5.0	5.1	0.000	0.000	0.000	0.000
08:00:00	13.6	13.3	11.3	12.2	5.4	5.3	5.0	5.0	0.000	0.000	0.000	0.000
08:15:00	14.0	13.2	11.0	12.3	5.3	5.1	5.0	5.0	0.000	0.000	0.000	0.000
08:30:00	17.1	13.3	11.8	12.6	5.6	5.2	5.0	5.0	0.000	0.000	0.000	0.000
08:45:00	15.0	13.7	12.3	12.5	5.5	5.4	5.0	5.1	0.000	0.000	0.000	0.000
09:00:00	14.9	13.4	11.5	12.9	5.5	5.2	5.1	4.7	0.000	0.000	0.000	0.000
09:15:00	15.3	14.3	12.4	13.3	5.6	5.5	5.3	5.2	0.000	0.001	0.000	0.000
09:30:00	16.7	15.1	13.3	14.4	6.1	5.8	5.6	5.5	0.000	0.000	0.000	0.000
09:45:00	17.0	14.8	14.1	14.2	6.3	6.0	5.7	5.8	0.001	0.000	0.000	0.000
10:00:00	17.1	14.5	14.3	14.4	6.3	5.8	5.9	5.9	0.001	0.000	0.000	0.003
10:15:00	18.9	14.2	13.6	14.5	6.5	5.8	5.9	5.9	0.003	0.000	0.000	0.006
10:30:00	17.1	13.7	13.8	13.8	6.4	5.8	5.8	5.8	0.000	0.000	0.000	0.013
10:45:00	15.5	13.3	13.2	13.8	6.1	5.5	5.8	5.6	0.000	0.000	0.000	0.013
11:00:00	14.0	13.3	12.4	12.8	5.6	5.6	5.5	5.4	0.000	0.000	0.000	0.004
11:15:00	13.3	13.0	11.5	12.5	5.4	5.5	5.4	5.2	0.000	0.000	0.000	0.000
11:30:00	13.2	12.5	11.1	12.3	5.4	5.4	5.1	4.8	0.000	0.000	0.000	0.000
11:45:00	17.6	12.6	11.2	12.4	5.8	5.4	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	13.2	12.5	11.0	11.8	5.2	5.3	5.2	4.9	0.000	0.000	0.000	0.000
12:15:00	11.4	11.2	9.9	10.8	4.6	4.7	4.6	4.4	0.000	0.000	0.000	0.000
12:30:00	11.7	11.1	10.3	10.9	4.7	4.6	4.6	4.4	0.000	0.000	0.000	0.000
12:45:00	11.3	11.3	10.3	10.1	4.5	4.7	4.5	4.4	0.000	0.000	0.000	0.000
13:00:00	12.3	11.9	10.0	10.8	4.7	4.9	4.7	4.4	0.000	0.000	0.000	0.000
13:15:00	18.0	12.0	10.5	11.6	5.5	4.9	4.9	4.6	0.000	0.000	0.000	0.000
13:30:00	13.9	12.1	10.3	11.2	5.0	5.0	4.8	4.5	0.000	0.000	0.000	0.000
13:45:00	11.7	11.8	9.9	10.9	4.8	5.0	4.8	4.4	0.000	0.000	0.000	0.000
14:00:00	11.4	11.3	9.4	10.6	4.6	4.9	4.7	4.3	0.000	0.000	0.000	0.000
14:15:00	11.2	11.5	9.5	10.5	4.6	4.8	4.7	4.2	0.000	0.000	0.000	0.000
14:30:00	11.3	14.9	9.8	11.0	4.7	5.3	4.9	4.5	0.000	0.000	0.000	0.000
14:45:00	12.3	11.3	10.2	10.7	4.7	4.9	4.8	4.5	0.000	0.000	0.000	0.000
15:00:00	22.7	11.8	9.8	10.5	6.0	4.9	4.7	4.4	0.000	0.000	0.000	0.000
15:15:00	15.6	11.9	9.5	10.1	5.1	4.8	4.5	4.3	0.000	0.000	0.000	0.000
15:30:00	11.0	11.8	10.2	10.3	4.7	4.9	4.6	4.5	0.000	0.000	0.000	0.000
15:45:00	20.5	10.9	9.8	10.5	5.7	4.8	4.7	4.4	0.000	0.000	0.000	0.000
16:00:00	11.3	13.2	9.6	10.1	4.6	5.2	4.4	4.2	0.000	0.000	0.000	0.000
16:15:00	11.3	13.4	10.4	10.1	4.6	5.1	4.6	4.5	0.000	0.000	0.000	0.000
16:30:00	11.9	12.0	10.5	10.8	4.8	5.0	4.7	4.6	0.000	0.000	0.000	0.000
16:45:00	11.6	12.4	10.3	10.3	4.8	5.1	4.7	4.5	0.000	0.000	0.000	0.000
17:00:00	17.7	11.6	10.8	10.6	5.7	5.0	4.7	4.5	0.000	0.000	0.000	0.000
17:15:00	13.2	11.7	11.0	10.8	5.0	5.0	4.7	4.6	0.000	0.000	0.000	0.000
17:30:00	12.7	11.8	11.2	11.3	5.2	5.2	5.1	5.0	0.000	0.000	0.000	0.000
17:45:00	13.9	12.9	11.6	11.8	5.6	5.5	5.3	5.1	0.000	0.001	0.000	0.000
18:00:00	16.7	13.2	12.5	12.8	5.8	5.6	5.5	5.3	0.027	0.004	0.000	0.018
18:15:00	16.5	14.0	12.3	12.5	5.8	5.7	5.4	5.3	0.067	0.008	0.000	0.038
18:30:00	15.3	13.7	12.4	12.8	5.8	5.6	5.5	5.3	0.097	0.010	0.000	0.051
18:45:00	14.7	13.6	12.5	12.7	5.8	5.6	5.5	5.3	0.137	0.012	0.004	0.061
19:00:00	14.8	14.0	12.6	13.2	5.9	5.8	5.6	5.4	0.154	0.012	0.031	0.069
19:15:00	14.3	14.1	12.3	13.4	5.9	6.0	5.7	5.5	0.169	0.013	0.055	0.071
19:30:00	16.7	14.2	13.0	13.7	6.2	6.1	5.9	5.7	0.175	0.013	0.077	0.068
19:45:00	17.2	14.9	12.8	14.0	6.5	6.3	6.1	5.9	0.179	0.012	0.092	0.069
20:00:00	18.7	14.5	14.1	13.8	6.8	6.2	6.1	6.1	0.175	0.011	0.107	0.066
20:15:00	15.4	15.0	13.5	14.3	6.5	6.4	6.3	5.9	0.168	0.010	0.118	0.061
20:30:00	15.8	15.2	13.6	14.3	6.6	6.5	6.4	6.1	0.159	0.008	0.124	0.053
20:45:00	16.4	15.4	13.4	14.7	6.8	6.6	6.5	6.1	0.147	0.008	0.122	0.045
21:00:00	15.9	15.4	13.6	14.7	6.8	6.7	6.5	6.1	0.135	0.006	0.118	0.038
21:15:00	16.3	16.0	13.7	15.0	6.9	6.8	6.6	6.2	0.123	0.005	0.110	0.031
21:30:00	16.7	15.6	14.3	15.4	7.1	6.9	6.7	6.5	0.105	0.003	0.100	0.023
21:45:00	16.8	16.0	14.7	15.7	7.1	7.0	6.9	6.6	0.093	0.002	0.089	0.016
22:00:00	17.1	16.1	14.8	16.3	7.3	7.2	7.1	6.7	0.079	0.002	0.078	0.008
22:15:00	17.7	16.8	14.4	16.4	7.5	7.3	7.2	6.6	0.065	0.001	0.069	0.002
22:30:00	17.5	16.7	15.0	16.7	7.6	7.3	7.3	6.9	0.051	0.000	0.058	0.000
22:45:00	17.6	16.9	15.3	16.7	7.7	7.5	7.3	7.0	0.040	0.000	0.048	0.000
23:00:00	17.8	17.3	14.8	16.5	7.8	7.6	7.4	7.0	0.025	0.000	0.040	0.000
23:15:00	17.9	17.0	15.1	16.9	7.9	7.7	7.4	7.0	0.014	0.000	0.032	0.000
23:30:00	17.5	17.5	15.4	16.9	7.8	7.8	7.5	7.1	0.005	0.000	0.023	0.000
23:45:00	17.3	17.6	15.0	16.7	7.7	7.7	7.5	6.9	0.000	0.000	0.016	0.000



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

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