



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-22

**Table 1 : Weather Summary**

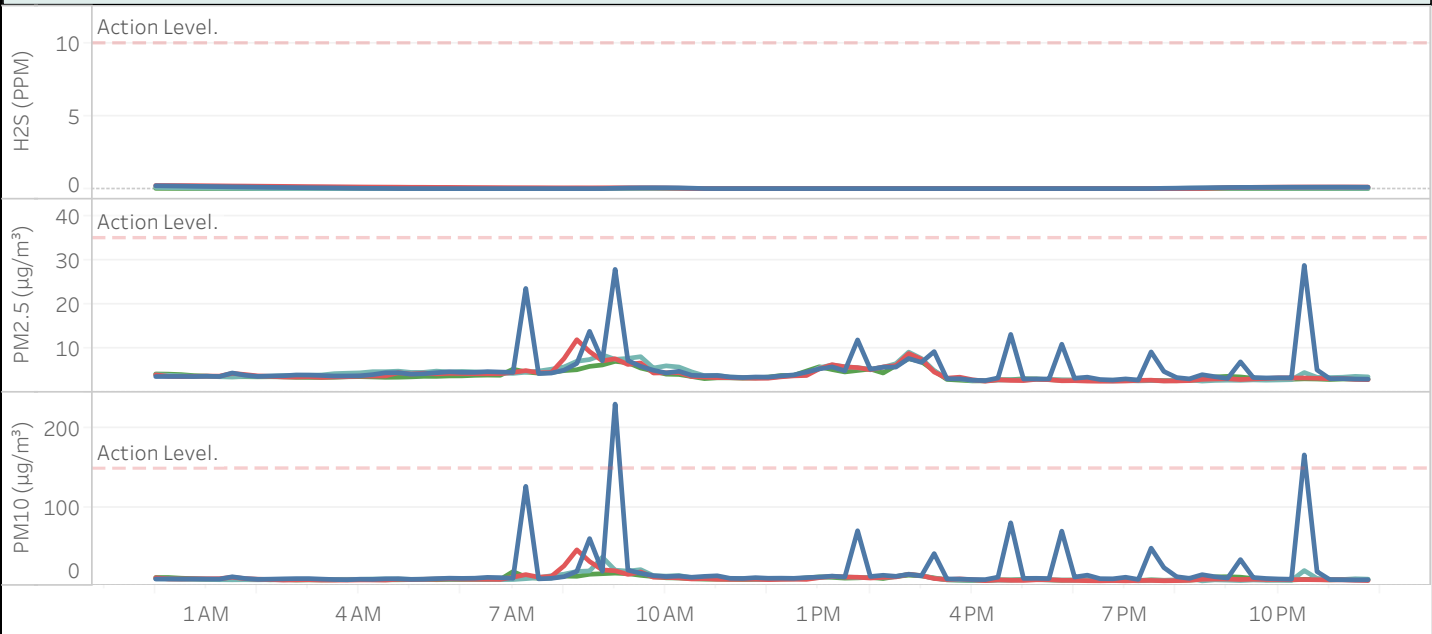
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.024	2943 SE	3061 WSW	2996 SE	2997 NE	Min : 50.72 Max : 84.74	Min : 34.80 Max : 76.80	Min : 29.56 Max : 30.32

**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	19.1	231.6	5.3	28.8	0.036	0.196
2996	9.7	45.8	4.1	12.0	0.060	0.212
2997	9.6	36.4	4.2	9.2	0.010	0.077
3061	9.1	18.0	3.9	7.7	0.002	0.016



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

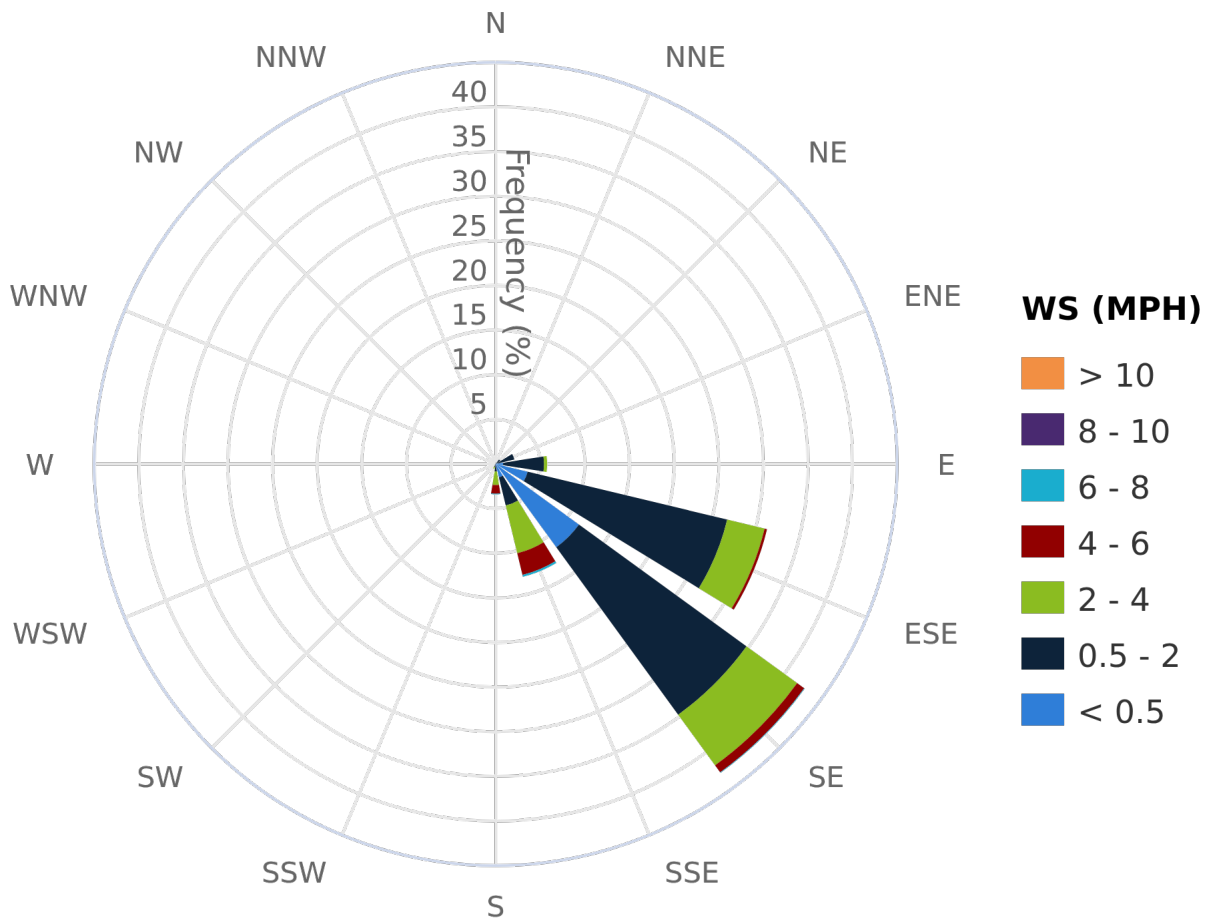


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

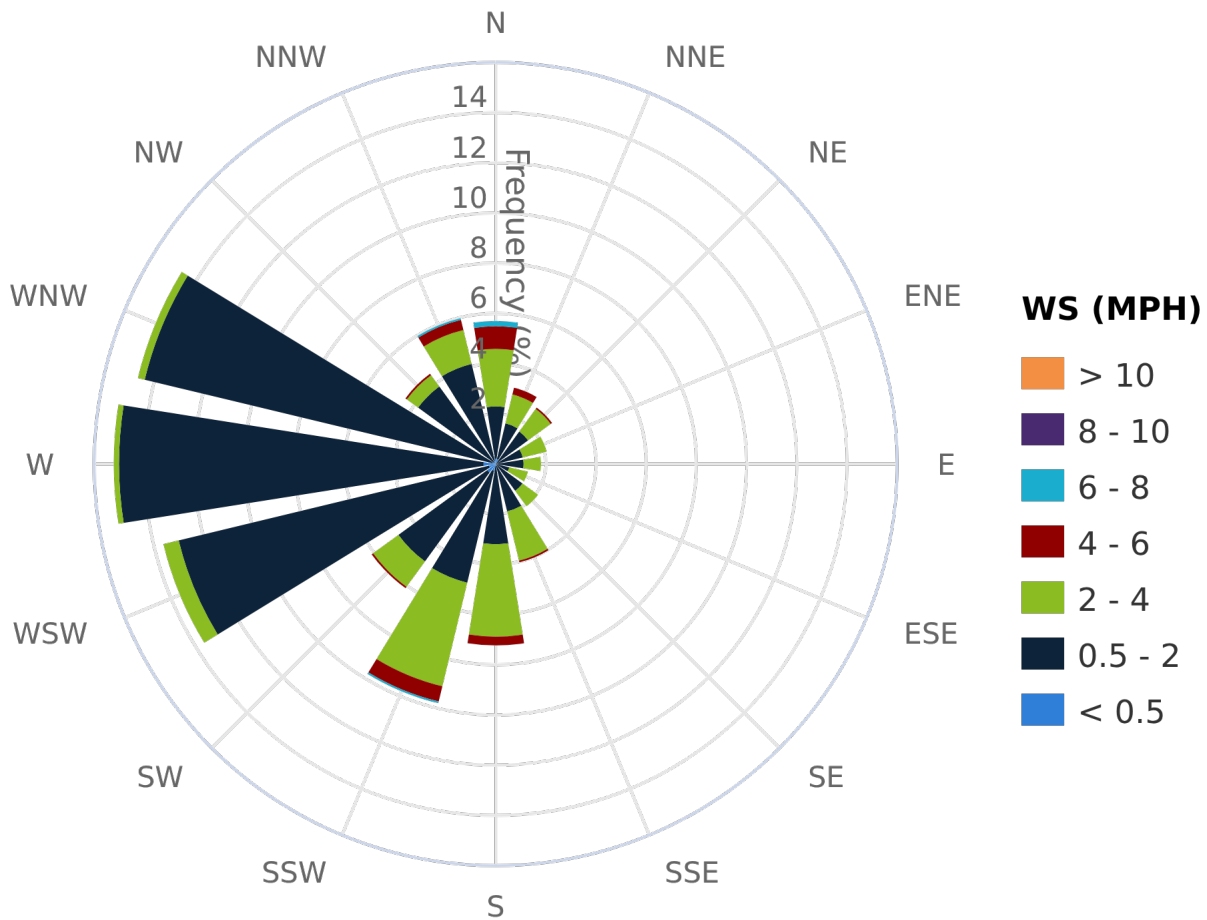


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

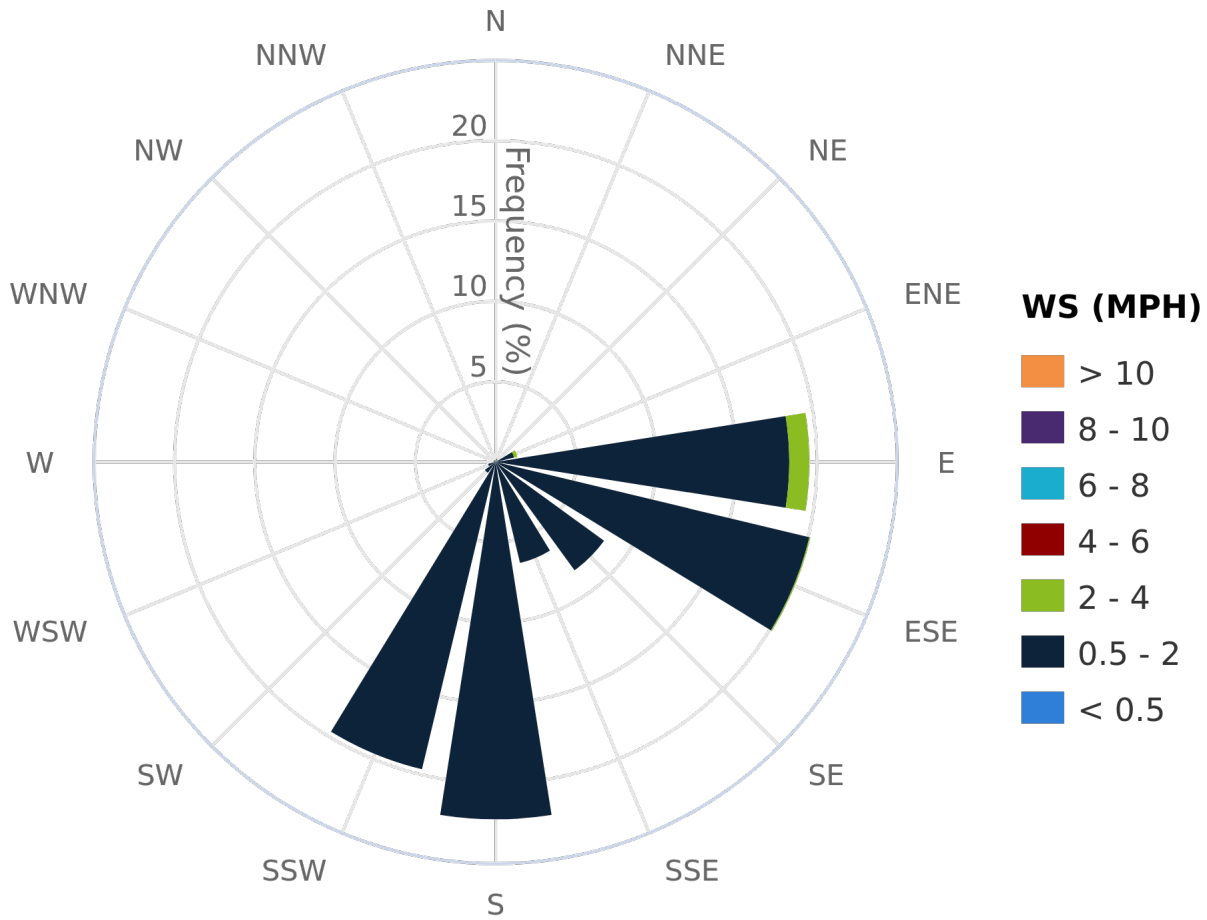


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

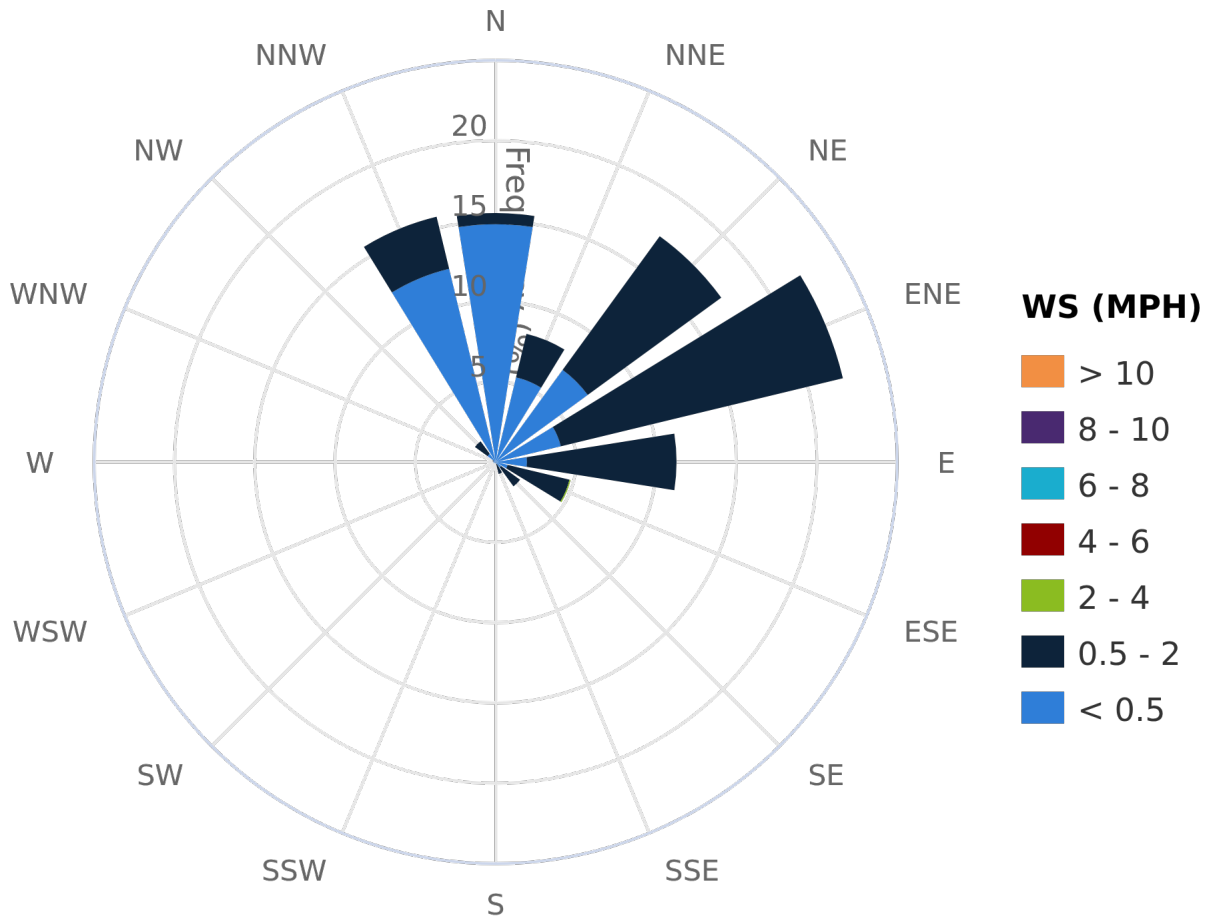


Figure 3 : Wind Rose Chart (WS in MPH)



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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	8.6	10.5	9.0	10.2	3.6	4.2	4.0	4.0	0.196	0.016	0.212	0.077
00:15:00	8.7	10.5	8.7	8.7	3.7	4.2	3.7	3.9	0.185	0.014	0.211	0.067
00:30:00	8.6	9.6	8.4	8.7	3.7	4.1	3.6	3.8	0.173	0.011	0.207	0.059
00:45:00	8.7	9.0	8.1	8.9	3.6	3.8	3.7	3.7	0.157	0.010	0.203	0.049
01:00:00	8.6	8.4	7.9	8.9	3.7	3.7	3.7	3.7	0.146	0.009	0.195	0.039
01:15:00	8.5	8.0	7.7	9.1	3.6	3.6	3.7	3.6	0.134	0.008	0.187	0.029
01:30:00	11.4	7.8	7.6	10.8	4.4	3.6	4.4	3.5	0.120	0.006	0.178	0.023
01:45:00	9.3	8.2	7.7	9.1	3.9	3.6	4.1	3.7	0.110	0.005	0.173	0.016
02:00:00	8.2	8.2	7.6	8.4	3.7	3.6	3.8	3.7	0.097	0.005	0.166	0.007
02:15:00	8.4	7.6	7.8	7.9	3.8	3.6	3.7	3.7	0.086	0.003	0.160	0.003
02:30:00	8.8	8.2	7.6	7.3	3.8	3.6	3.5	3.9	0.076	0.002	0.153	0.000
02:45:00	9.1	7.4	7.7	7.5	4.0	3.5	3.5	3.9	0.067	0.002	0.145	0.000
03:00:00	9.1	7.5	7.7	7.7	4.0	3.4	3.6	3.9	0.059	0.001	0.137	0.000
03:15:00	8.5	7.5	7.8	7.3	3.9	3.4	3.5	4.0	0.050	0.001	0.132	0.000
03:30:00	7.9	7.6	8.2	7.2	3.8	3.5	3.6	4.3	0.044	0.000	0.125	0.000
03:45:00	7.7	8.2	8.2	7.2	3.8	3.6	3.6	4.4	0.031	0.000	0.118	0.000
04:00:00	8.4	8.0	8.2	7.4	3.8	3.6	3.7	4.5	0.021	0.000	0.111	0.000
04:15:00	8.2	7.7	8.6	7.4	4.1	3.6	3.7	4.7	0.016	0.000	0.106	0.000
04:30:00	8.9	7.6	8.7	7.3	4.5	3.5	3.8	4.7	0.012	0.000	0.102	0.000
04:45:00	9.0	7.6	8.7	8.3	4.5	3.5	4.5	4.9	0.003	0.000	0.099	0.000
05:00:00	8.2	7.8	8.2	8.0	4.2	3.6	4.2	4.6	0.003	0.000	0.091	0.000
05:15:00	8.4	8.1	8.3	8.3	4.3	3.7	4.4	4.6	0.001	0.000	0.090	0.000
05:30:00	9.1	7.7	8.8	8.4	4.5	3.7	4.2	4.9	0.001	0.000	0.084	0.000
05:45:00	9.7	8.0	8.5	8.8	4.7	3.8	4.4	4.7	0.000	0.000	0.083	0.000
06:00:00	9.4	8.0	8.7	8.5	4.6	3.8	4.3	4.8	0.000	0.000	0.078	0.000
06:15:00	9.6	8.1	8.4	8.3	4.6	3.9	4.3	4.7	0.000	0.000	0.073	0.000
06:30:00	10.7	7.9	8.2	8.3	4.7	4.0	4.3	4.6	0.000	0.000	0.069	0.000
06:45:00	10.3	8.1	7.8	8.1	4.7	3.9	4.3	4.4	0.000	0.000	0.065	0.000
07:00:00	9.5	18.0	8.0	10.9	4.6	5.3	4.6	4.3	0.000	0.000	0.061	0.000
07:15:00	126.7	11.2	9.1	14.2	23.5	4.7	5.0	4.6	0.000	0.000	0.060	0.000
07:30:00	8.8	9.5	10.3	11.0	4.3	4.4	4.5	4.9	0.000	0.000	0.058	0.000
07:45:00	9.4	10.0	12.8	12.0	4.4	4.6	4.5	5.3	0.000	0.000	0.053	0.000
08:00:00	11.6	12.3	14.8	25.4	5.1	5.0	7.7	5.8	0.000	0.000	0.051	0.000
08:15:00	18.3	12.1	18.2	45.8	6.6	5.2	12.0	7.1	0.000	0.000	0.053	0.000
08:30:00	60.1	14.7	18.8	30.9	13.9	5.9	9.3	7.5	0.000	0.000	0.051	0.000
08:45:00	18.4	15.4	36.4	20.2	7.2	6.3	7.2	8.5	0.003	0.001	0.054	0.000
09:00:00	231.6	16.1	19.9	19.1	27.9	7.1	7.7	7.5	0.025	0.002	0.058	0.000
09:15:00	20.0	15.4	18.7	14.5	7.3	6.8	6.4	7.7	0.044	0.002	0.057	0.000
09:30:00	15.9	13.3	20.5	17.6	5.9	5.6	6.7	8.1	0.054	0.002	0.053	0.000
09:45:00	12.9	11.7	12.9	10.9	5.1	4.9	4.4	5.6	0.058	0.001	0.049	0.000
10:00:00	11.7	10.2	12.3	10.7	4.5	4.2	4.5	6.1	0.058	0.000	0.041	0.002
10:15:00	12.3	9.9	13.1	10.0	4.8	4.1	4.5	5.8	0.051	0.000	0.027	0.002
10:30:00	10.9	9.1	10.1	8.7	3.9	3.6	3.6	4.7	0.029	0.000	0.012	0.003
10:45:00	12.0	8.5	9.9	9.1	3.8	3.2	3.5	3.8	0.003	0.000	0.000	0.000
11:00:00	12.7	8.4	10.4	8.3	3.9	3.3	3.4	3.9	0.000	0.000	0.000	0.000
11:15:00	9.5	8.2	8.5	8.2	3.5	3.4	3.4	3.5	0.000	0.000	0.000	0.000
11:30:00	9.3	8.1	9.4	8.3	3.4	3.3	3.3	3.4	0.000	0.000	0.000	0.000
11:45:00	10.3	8.1	8.2	8.3	3.5	3.3	3.2	3.3	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	9.6	8.7	8.2	7.8	3.5	3.5	3.3	3.4	0.000	0.000	0.000	0.000
12:15:00	9.7	8.9	8.8	8.2	3.8	3.9	3.6	3.7	0.000	0.000	0.000	0.000
12:30:00	9.5	8.9	8.8	8.4	4.0	3.9	3.8	3.9	0.000	0.000	0.000	0.000
12:45:00	10.4	10.0	9.0	8.2	4.6	4.9	3.9	4.2	0.000	0.000	0.000	0.000
13:00:00	11.1	11.3	10.7	10.4	5.4	5.8	5.4	5.6	0.000	0.000	0.000	0.000
13:15:00	12.3	10.7	11.4	12.1	5.8	5.2	6.3	6.2	0.000	0.000	0.000	0.000
13:30:00	11.2	9.7	11.4	11.1	4.9	4.7	5.8	5.9	0.000	0.000	0.000	0.000
13:45:00	70.1	10.1	10.5	10.9	11.9	5.0	5.7	5.6	0.000	0.000	0.000	0.000
14:00:00	11.8	10.7	10.5	9.9	5.3	5.3	5.2	5.3	0.000	0.000	0.000	0.000
14:15:00	13.4	9.3	10.9	10.8	5.8	4.4	5.8	5.7	0.000	0.000	0.000	0.000
14:30:00	12.1	11.8	11.7	11.3	5.8	6.1	6.1	6.5	0.000	0.000	0.000	0.000
14:45:00	14.6	13.5	14.8	14.6	7.7	7.7	8.8	9.2	0.000	0.000	0.000	0.000
15:00:00	12.6	12.7	13.0	12.9	6.8	7.0	7.5	7.7	0.000	0.000	0.000	0.000
15:15:00	41.0	10.0	9.5	9.2	9.3	4.9	4.7	5.0	0.000	0.000	0.000	0.000
15:30:00	8.7	7.6	7.6	7.9	3.1	3.0	3.3	3.2	0.000	0.000	0.000	0.000
15:45:00	8.6	7.1	7.3	8.7	3.1	2.8	3.5	3.1	0.000	0.000	0.000	0.000
16:00:00	8.0	6.6	6.9	7.7	2.8	2.7	2.9	2.7	0.000	0.000	0.000	0.000
16:15:00	7.9	6.9	6.7	6.5	2.7	2.7	2.6	2.7	0.000	0.000	0.000	0.000
16:30:00	11.0	7.6	7.1	7.5	3.3	2.9	2.9	2.8	0.000	0.000	0.000	0.000
16:45:00	80.2	7.5	7.2	7.0	13.2	2.9	2.8	2.9	0.000	0.000	0.000	0.000
17:00:00	9.4	8.0	7.6	6.8	3.1	3.1	2.7	2.9	0.000	0.000	0.000	0.000
17:15:00	9.5	8.1	7.8	7.6	3.1	3.1	3.0	3.0	0.000	0.000	0.000	0.000
17:30:00	9.2	7.5	7.5	7.7	3.1	2.9	2.9	2.9	0.000	0.000	0.000	0.000
17:45:00	69.6	7.0	7.4	7.0	10.9	2.8	2.7	2.9	0.000	0.000	0.000	0.000
18:00:00	11.1	7.5	6.9	6.8	3.3	2.8	2.7	2.8	0.000	0.000	0.000	0.000
18:15:00	13.5	7.0	9.7	6.5	3.5	2.7	2.6	3.1	0.000	0.000	0.000	0.000
18:30:00	9.0	7.0	6.5	6.4	3.0	2.8	2.6	2.7	0.000	0.000	0.000	0.000
18:45:00	8.9	7.2	6.9	6.6	2.8	2.8	2.6	2.6	0.000	0.000	0.000	0.000
19:00:00	10.9	6.9	6.8	6.3	3.1	2.8	2.6	2.7	0.000	0.000	0.000	0.000
19:15:00	8.1	6.8	6.4	6.7	2.9	2.8	2.8	2.7	0.000	0.000	0.000	0.000
19:30:00	47.9	7.5	7.3	6.8	9.2	2.8	2.8	2.7	0.004	0.001	0.000	0.002
19:45:00	23.2	7.0	6.8	6.4	4.8	2.7	2.6	2.7	0.020	0.002	0.000	0.006
20:00:00	11.5	7.0	7.5	6.5	3.4	2.7	2.7	2.7	0.030	0.003	0.000	0.017
20:15:00	9.5	7.2	9.7	7.0	3.1	2.8	2.7	2.9	0.044	0.005	0.000	0.027
20:30:00	14.1	8.0	6.2	8.3	4.1	3.0	3.0	2.6	0.055	0.006	0.005	0.032
20:45:00	11.5	11.3	7.5	8.5	3.6	3.5	3.1	2.8	0.066	0.006	0.035	0.036
21:00:00	9.9	11.5	7.1	8.5	3.2	3.7	3.2	2.8	0.077	0.008	0.061	0.042
21:15:00	33.4	10.9	6.6	7.9	7.0	3.5	3.0	2.8	0.083	0.008	0.076	0.043
21:30:00	10.5	9.3	7.3	8.3	3.4	3.3	3.1	2.9	0.085	0.008	0.088	0.045
21:45:00	9.3	7.5	6.9	8.0	3.3	3.1	3.2	2.8	0.088	0.009	0.094	0.044
22:00:00	8.7	7.5	7.0	7.9	3.4	3.0	3.3	2.9	0.093	0.009	0.100	0.043
22:15:00	8.3	7.4	6.8	7.8	3.4	3.0	3.3	2.9	0.095	0.009	0.105	0.039
22:30:00	166.8	8.1	19.4	7.9	28.8	3.1	3.3	4.5	0.095	0.009	0.110	0.037
22:45:00	18.0	7.9	9.4	7.7	5.1	3.1	3.2	3.5	0.097	0.009	0.111	0.035
23:00:00	7.8	7.6	8.2	7.5	3.2	3.0	3.1	3.4	0.098	0.009	0.111	0.035
23:15:00	7.6	8.0	8.0	7.5	3.2	3.1	3.2	3.5	0.098	0.009	0.112	0.030
23:30:00	7.4	8.2	8.9	7.0	3.1	3.1	3.0	3.7	0.094	0.008	0.111	0.024
23:45:00	7.7	7.8	8.4	6.6	3.0	3.0	2.9	3.6	0.094	0.008	0.106	0.022

