



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-02-25

**Table 1 : Weather Summary**

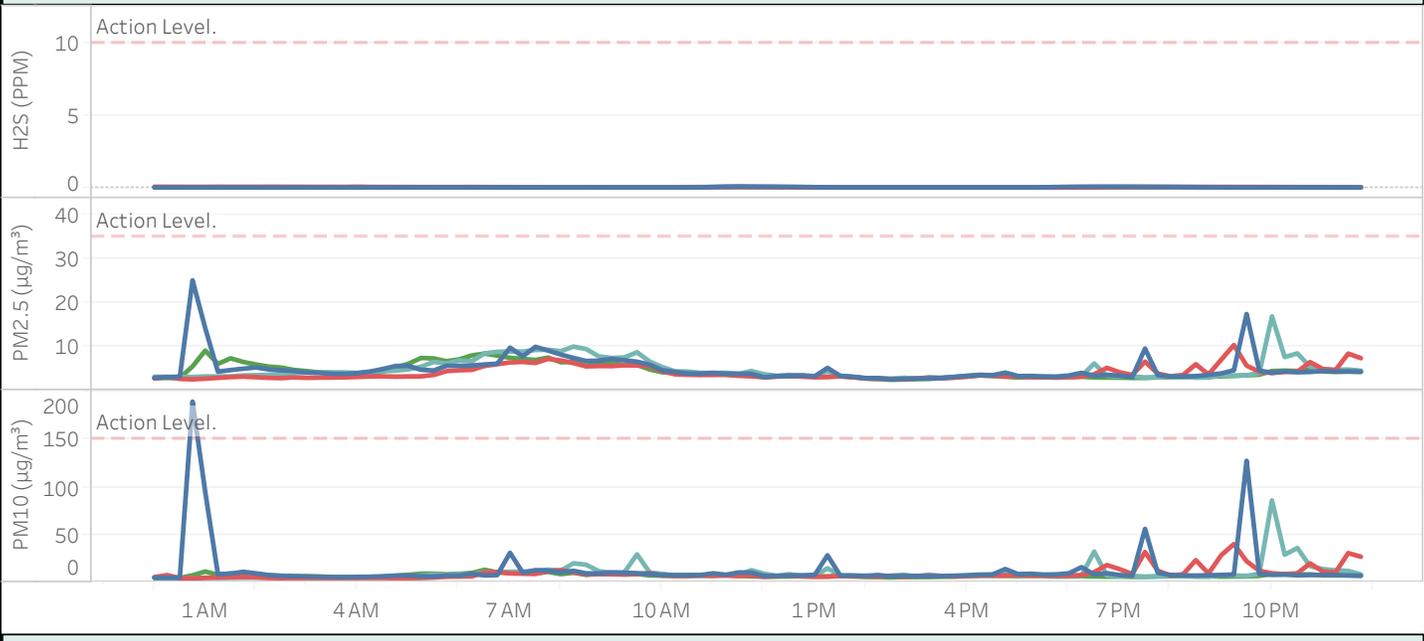
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 9.350	2943 SE	3061 SSW	2996 W	2997 WSW	Min : 27.50 Max : 77.72	Min : 34.40 Max : 85.50	Min : 29.23 Max : 115.1

**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	13.0	190.3	4.9	25.0	0.010	0.069
2996	9.0	40.2	4.0	10.3	0.019	0.046
2997	9.8	86.2	4.7	16.8	0.001	0.013
3061	7.1	13.2	4.3	9.0	0.000	0.004



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

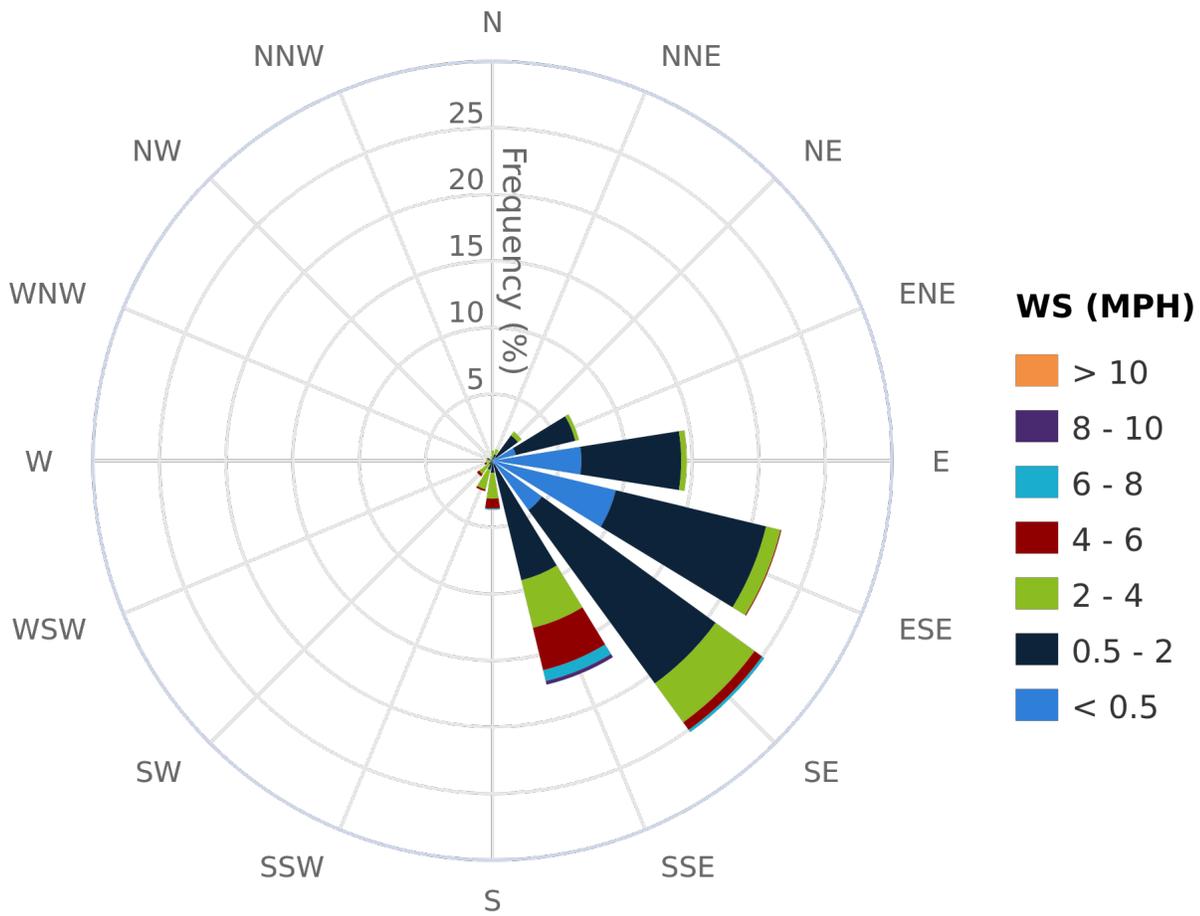


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

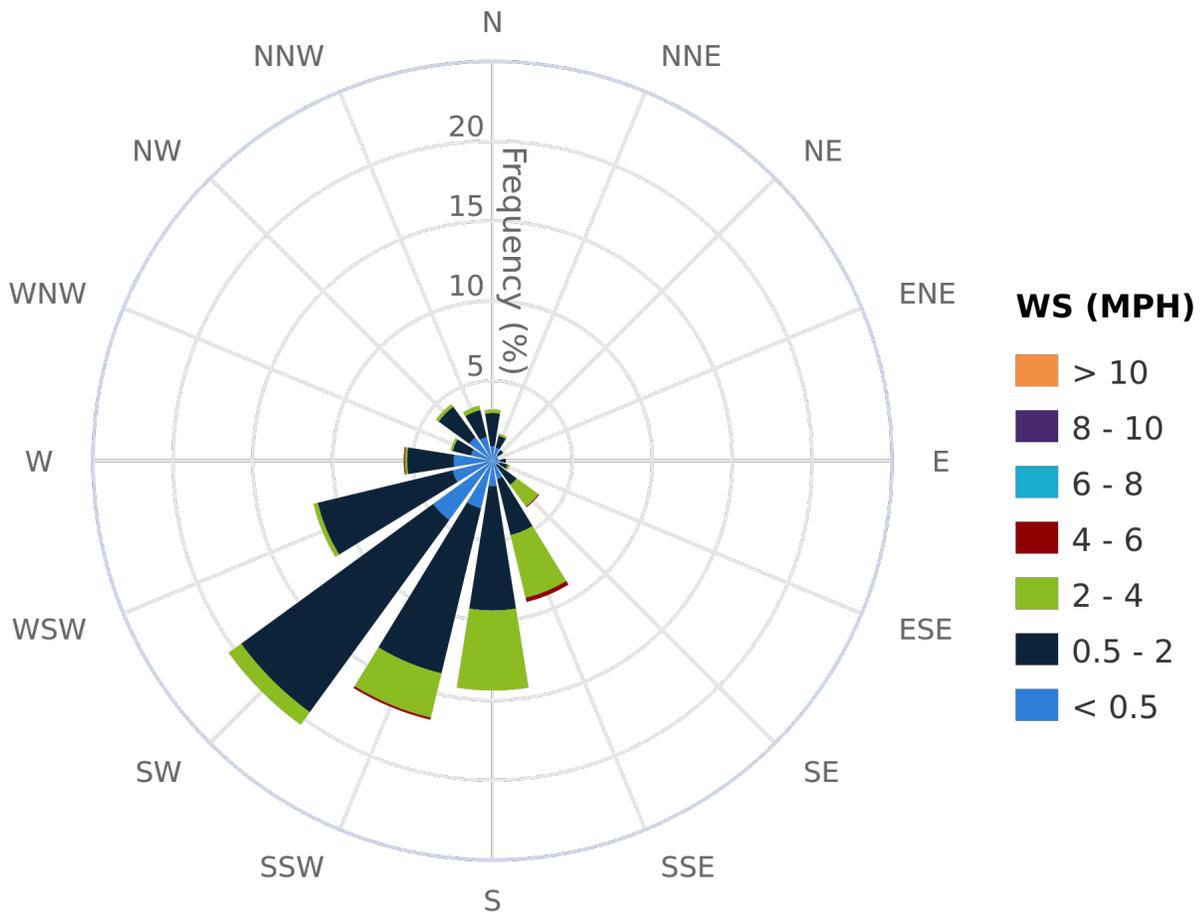


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2996

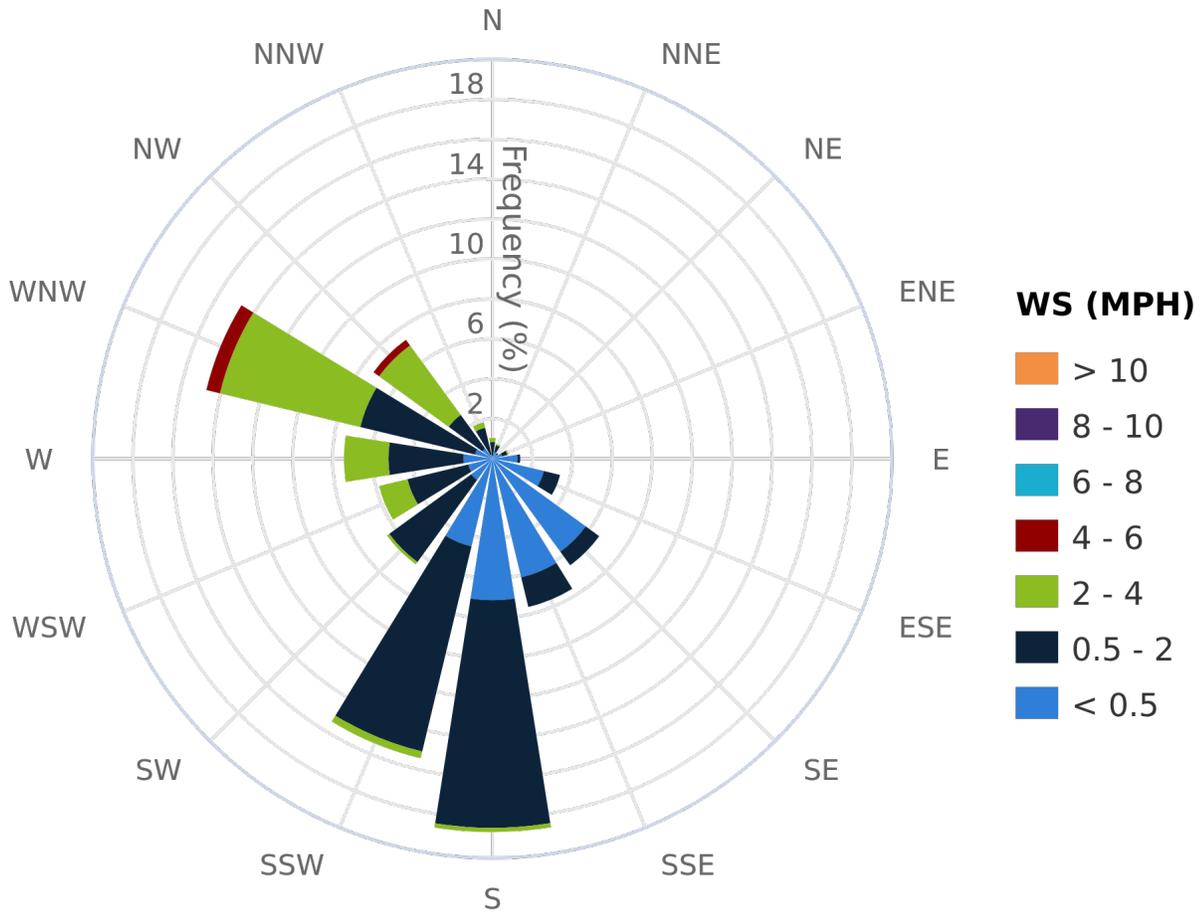


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

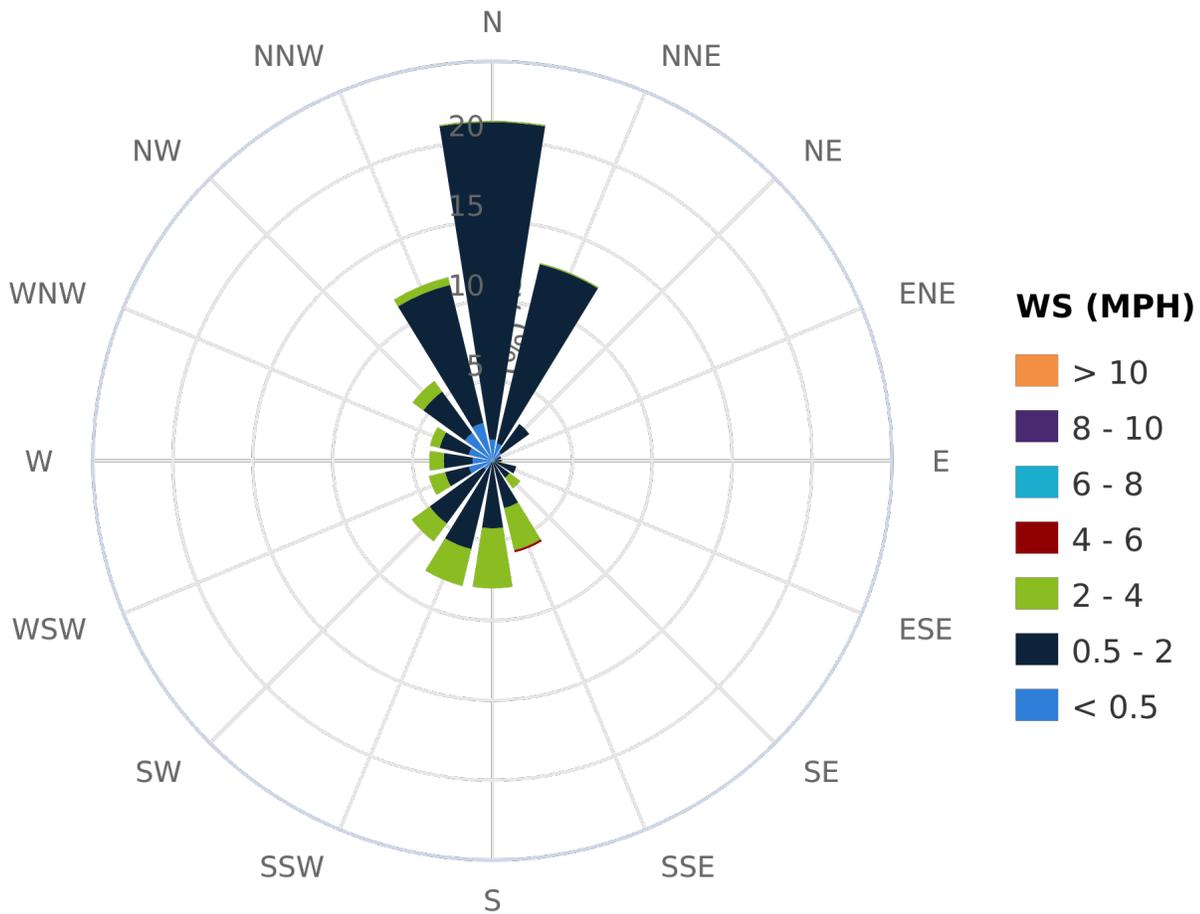


Figure 3 : Wind Rose Chart (WS in MPH)



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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	4.9	4.6	4.8	5.5	2.9	2.8	2.7	3.1	0.000	0.000	0.043	0.000
00:15:00	4.9	4.6	4.9	7.6	3.0	2.8	3.0	3.1	0.000	0.000	0.041	0.000
00:30:00	5.0	4.6	4.6	4.3	3.1	2.8	2.6	3.0	0.000	0.000	0.038	0.000
00:45:00	190.3	7.4	4.6	4.2	25.0	5.4	2.5	3.0	0.000	0.000	0.038	0.000
01:00:00	95.3	11.4	4.8	4.7	14.1	9.0	2.6	3.1	0.000	0.000	0.037	0.000
01:15:00	8.4	8.0	4.6	5.2	4.2	6.0	2.8	3.1	0.000	0.000	0.045	0.000
01:30:00	9.1	9.3	4.7	5.4	4.6	7.3	3.0	3.2	0.000	0.000	0.038	0.000
01:45:00	11.1	8.3	4.8	5.6	4.9	6.4	3.1	3.4	0.000	0.000	0.040	0.000
02:00:00	9.4	7.7	5.0	5.2	5.2	5.9	3.0	3.4	0.000	0.000	0.040	0.000
02:15:00	7.7	7.2	5.0	4.6	4.7	5.4	2.8	3.5	0.000	0.000	0.044	0.000
02:30:00	6.6	6.9	5.3	4.4	4.6	5.2	2.8	3.7	0.000	0.000	0.042	0.000
02:45:00	6.4	6.5	5.4	4.5	4.4	4.6	2.9	3.9	0.000	0.000	0.041	0.000
03:00:00	6.1	6.3	5.6	4.5	4.1	4.4	2.8	4.0	0.000	0.000	0.036	0.000
03:15:00	5.8	6.0	5.7	4.5	3.9	4.1	2.9	4.1	0.000	0.000	0.035	0.000
03:30:00	5.5	5.6	5.5	4.4	3.7	3.9	2.9	4.1	0.000	0.000	0.036	0.000
03:45:00	5.4	5.4	5.5	4.5	3.7	3.8	2.9	4.1	0.000	0.000	0.033	0.000
04:00:00	5.7	5.2	5.3	4.5	3.9	3.7	3.0	3.9	0.000	0.000	0.046	0.000
04:15:00	5.9	5.3	5.6	4.6	4.3	3.7	3.1	4.1	0.000	0.000	0.032	0.000
04:30:00	6.3	5.7	5.6	4.5	4.8	4.3	3.2	4.3	0.000	0.000	0.030	0.000
04:45:00	7.1	6.8	5.7	4.4	5.5	5.2	3.1	4.5	0.000	0.000	0.026	0.000
05:00:00	7.2	7.8	6.3	4.4	5.5	6.0	3.1	4.7	0.000	0.000	0.026	0.000
05:15:00	6.3	9.1	7.1	4.5	4.7	7.3	3.2	5.4	0.000	0.000	0.023	0.000
05:30:00	6.0	9.1	8.3	5.1	4.5	7.2	3.5	6.5	0.000	0.000	0.022	0.000
05:45:00	7.3	8.4	7.7	5.8	5.6	6.6	4.4	6.1	0.000	0.000	0.023	0.000
06:00:00	7.2	9.0	8.6	6.0	5.5	7.0	4.6	6.8	0.000	0.000	0.024	0.000
06:15:00	9.0	9.9	8.4	6.3	5.6	7.9	4.6	6.6	0.000	0.000	0.026	0.000
06:30:00	7.3	13.2	10.6	10.5	5.9	8.3	5.5	8.4	0.000	0.000	0.022	0.000
06:45:00	7.6	10.5	10.9	10.8	6.0	7.9	5.9	8.8	0.000	0.000	0.019	0.000
07:00:00	31.1	9.9	11.1	9.4	9.7	7.4	6.3	8.8	0.000	0.000	0.019	0.000
07:15:00	10.2	9.5	11.2	9.1	7.7	7.1	6.4	8.8	0.000	0.000	0.016	0.000
07:30:00	12.8	9.4	11.8	8.8	9.9	6.9	6.2	9.2	0.000	0.000	0.016	0.000
07:45:00	12.2	11.0	13.4	11.8	9.0	7.4	7.1	9.2	0.000	0.000	0.014	0.000
08:00:00	10.6	8.6	12.3	12.7	8.1	6.4	6.8	8.9	0.000	0.000	0.013	0.000
08:15:00	12.0	10.0	20.1	10.5	7.3	6.5	6.2	9.9	0.000	0.000	0.011	0.000
08:30:00	9.4	7.9	18.5	8.3	6.6	5.6	5.4	9.4	0.000	0.000	0.001	0.000
08:45:00	9.4	9.3	11.7	8.5	6.7	6.4	5.5	7.7	0.000	0.000	0.000	0.000
09:00:00	10.4	9.1	10.1	8.5	7.1	6.3	5.5	7.3	0.000	0.000	0.001	0.000
09:15:00	10.0	8.4	10.4	8.2	6.8	5.7	5.7	7.5	0.000	0.000	0.007	0.000
09:30:00	9.6	8.7	29.5	8.6	6.5	5.8	5.6	8.6	0.000	0.000	0.007	0.000
09:45:00	8.8	7.3	10.3	9.7	5.8	4.7	5.5	6.5	0.000	0.000	0.011	0.000
10:00:00	7.6	7.0	8.9	7.1	4.5	4.1	4.3	5.3	0.000	0.000	0.012	0.000
10:15:00	7.5	7.1	7.3	6.5	4.2	4.0	3.6	4.3	0.000	0.000	0.013	0.000
10:30:00	7.5	6.8	7.7	6.7	3.8	3.6	3.5	4.3	0.000	0.001	0.019	0.000
10:45:00	7.6	7.0	7.7	7.2	3.8	3.6	3.5	4.0	0.002	0.002	0.024	0.000
11:00:00	9.5	7.0	7.5	6.9	4.0	3.6	3.5	3.9	0.031	0.002	0.027	0.000
11:15:00	8.0	7.7	7.7	7.0	3.8	3.6	3.5	4.0	0.058	0.001	0.030	0.000
11:30:00	10.4	6.8	7.7	6.7	3.7	3.4	3.3	3.7	0.069	0.000	0.030	0.000
11:45:00	10.3	6.3	12.8	7.3	3.8	3.3	3.2	4.4	0.061	0.000	0.029	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	6.7	6.0	9.1	5.8	3.0	3.1	2.9	3.7	0.054	0.000	0.026	0.000
12:15:00	6.9	6.0	6.8	6.3	3.2	3.2	3.1	3.3	0.051	0.000	0.021	0.000
12:30:00	7.1	6.2	8.5	7.3	3.3	3.2	3.3	3.5	0.043	0.000	0.015	0.000
12:45:00	7.3	6.5	6.9	6.1	3.4	3.3	3.1	3.4	0.031	0.000	0.001	0.000
13:00:00	7.9	6.1	6.4	5.9	3.2	3.1	3.0	3.2	0.018	0.000	0.000	0.000
13:15:00	28.5	6.2	14.8	5.9	5.1	3.1	3.0	4.4	0.002	0.000	0.000	0.000
13:30:00	7.2	6.6	7.1	6.8	3.3	3.2	3.2	3.2	0.000	0.000	0.000	0.000
13:45:00	7.2	6.2	7.0	6.4	3.1	3.0	3.0	3.0	0.000	0.000	0.000	0.000
14:00:00	6.9	5.6	6.3	6.3	2.8	2.7	2.7	2.8	0.000	0.000	0.000	0.000
14:15:00	7.6	5.4	5.8	6.1	2.8	2.5	2.7	2.6	0.000	0.000	0.000	0.000
14:30:00	6.2	5.2	7.1	6.5	2.5	2.4	2.6	2.6	0.000	0.000	0.000	0.000
14:45:00	6.7	5.5	7.9	5.7	2.6	2.4	2.5	2.8	0.000	0.000	0.000	0.000
15:00:00	6.7	5.5	6.3	6.8	2.7	2.5	2.7	2.6	0.000	0.000	0.000	0.000
15:15:00	6.4	5.5	8.0	7.0	2.7	2.6	2.8	3.0	0.000	0.000	0.000	0.000
15:30:00	6.5	5.9	6.7	6.4	2.8	2.8	2.7	2.8	0.000	0.000	0.000	0.000
15:45:00	7.0	6.0	6.7	6.2	3.1	2.9	2.9	3.0	0.000	0.000	0.000	0.000
16:00:00	7.4	6.6	6.8	6.5	3.3	3.2	3.1	3.2	0.000	0.000	0.000	0.000
16:15:00	8.1	6.8	7.7	7.3	3.4	3.4	3.4	3.6	0.000	0.000	0.000	0.000
16:30:00	8.3	6.9	7.2	7.2	3.4	3.3	3.3	3.4	0.000	0.000	0.000	0.000
16:45:00	14.0	6.8	10.8	7.2	4.0	3.1	3.1	4.0	0.000	0.000	0.000	0.000
17:00:00	8.6	6.5	7.3	7.7	3.2	2.9	3.2	3.2	0.000	0.000	0.000	0.000
17:15:00	9.0	6.9	7.3	6.9	3.3	3.0	3.0	3.1	0.000	0.002	0.000	0.000
17:30:00	8.1	6.8	7.4	7.0	3.1	2.9	2.9	3.1	0.006	0.001	0.000	0.001
17:45:00	8.3	6.1	6.6	6.7	3.1	2.9	2.9	3.0	0.025	0.002	0.000	0.006
18:00:00	9.4	6.1	6.6	7.0	3.4	3.0	3.0	3.0	0.040	0.002	0.000	0.009
18:15:00	15.9	6.5	7.2	7.6	4.0	3.1	3.1	3.2	0.048	0.003	0.000	0.012
18:30:00	8.2	6.2	32.3	10.7	3.3	2.9	3.6	6.1	0.053	0.004	0.007	0.013
18:45:00	9.6	5.9	7.2	18.2	3.5	2.9	5.1	3.3	0.055	0.004	0.016	0.011
19:00:00	7.6	6.0	6.4	13.8	3.3	2.9	4.1	3.1	0.052	0.002	0.024	0.011
19:15:00	6.9	5.7	6.8	8.7	3.0	2.8	3.5	3.2	0.048	0.002	0.029	0.008
19:30:00	56.3	5.8	5.9	31.9	9.5	2.8	6.5	2.9	0.043	0.002	0.033	0.003
19:45:00	10.0	6.2	6.1	12.2	3.4	2.9	3.8	3.0	0.038	0.003	0.033	0.001
20:00:00	7.7	6.4	7.0	7.2	3.2	3.0	3.2	3.1	0.034	0.002	0.035	0.000
20:15:00	7.2	6.4	6.8	8.4	3.2	3.0	3.5	3.1	0.025	0.001	0.035	0.000
20:30:00	7.1	6.1	6.1	23.3	3.2	3.0	5.9	2.9	0.017	0.001	0.036	0.000
20:45:00	7.4	6.3	5.9	9.3	3.5	3.0	3.6	2.9	0.008	0.000	0.033	0.000
21:00:00	7.7	6.0	7.6	28.6	3.8	3.2	7.0	3.4	0.000	0.000	0.032	0.000
21:15:00	8.2	6.1	7.3	40.2	4.5	3.3	10.3	3.3	0.000	0.000	0.030	0.000
21:30:00	128.0	6.2	6.7	22.2	17.3	3.4	5.6	3.4	0.000	0.000	0.028	0.000
21:45:00	8.9	6.8	9.1	12.2	4.5	3.5	4.2	3.9	0.000	0.000	0.027	0.000
22:00:00	7.8	8.8	86.2	9.5	4.0	4.4	3.9	16.8	0.000	0.000	0.025	0.000
22:15:00	8.0	8.6	29.1	8.6	4.3	4.5	4.2	7.5	0.000	0.000	0.023	0.000
22:30:00	7.4	8.1	36.1	9.5	4.1	4.4	4.2	8.4	0.000	0.000	0.021	0.000
22:45:00	7.6	8.4	17.0	19.9	4.2	4.7	6.4	5.3	0.000	0.000	0.019	0.000
23:00:00	7.7	7.4	13.9	11.4	4.4	4.3	4.8	4.8	0.000	0.000	0.019	0.000
23:15:00	7.7	7.3	12.6	10.4	4.3	4.2	4.6	4.7	0.000	0.000	0.018	0.000
23:30:00	7.3	7.3	12.0	30.8	4.3	4.2	8.3	4.7	0.000	0.000	0.018	0.000
23:45:00	6.9	7.0	8.3	27.0	4.2	4.2	7.3	4.5	0.000	0.000	0.016	0.000

