



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-20

**Table 1 : Weather Summary**

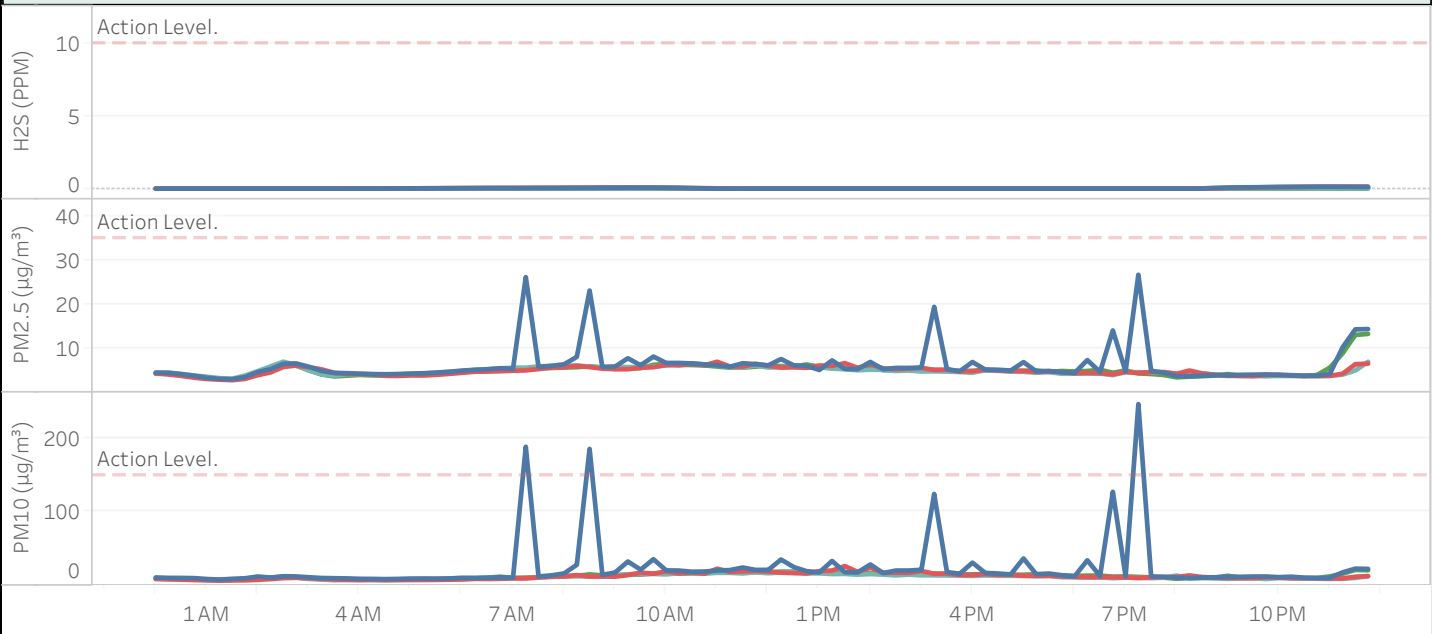
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.18 to 12.08	2943 E	3061 N	2996 SSE	2997 NNE	Min : 54.86 Max : 89.06	Min : 29.40 Max : 64.20	Min : 29.91 Max : 30.44

**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	24.4	245.9	6.3	26.6	0.025	0.122
2996	12.8	26.6	4.9	7.0	0.026	0.137
2997	12.0	19.0	4.9	7.0	0.011	0.058
3061	13.1	21.5	5.1	13.3	0.002	0.010



**Figure 1 : Monitoring Locations**



**Figure 2 : 15 Minutes Average Concentrations**

■ 2943      ■ 2996      ■ 2997      ■ 3061



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Wind Rose Chart 2943

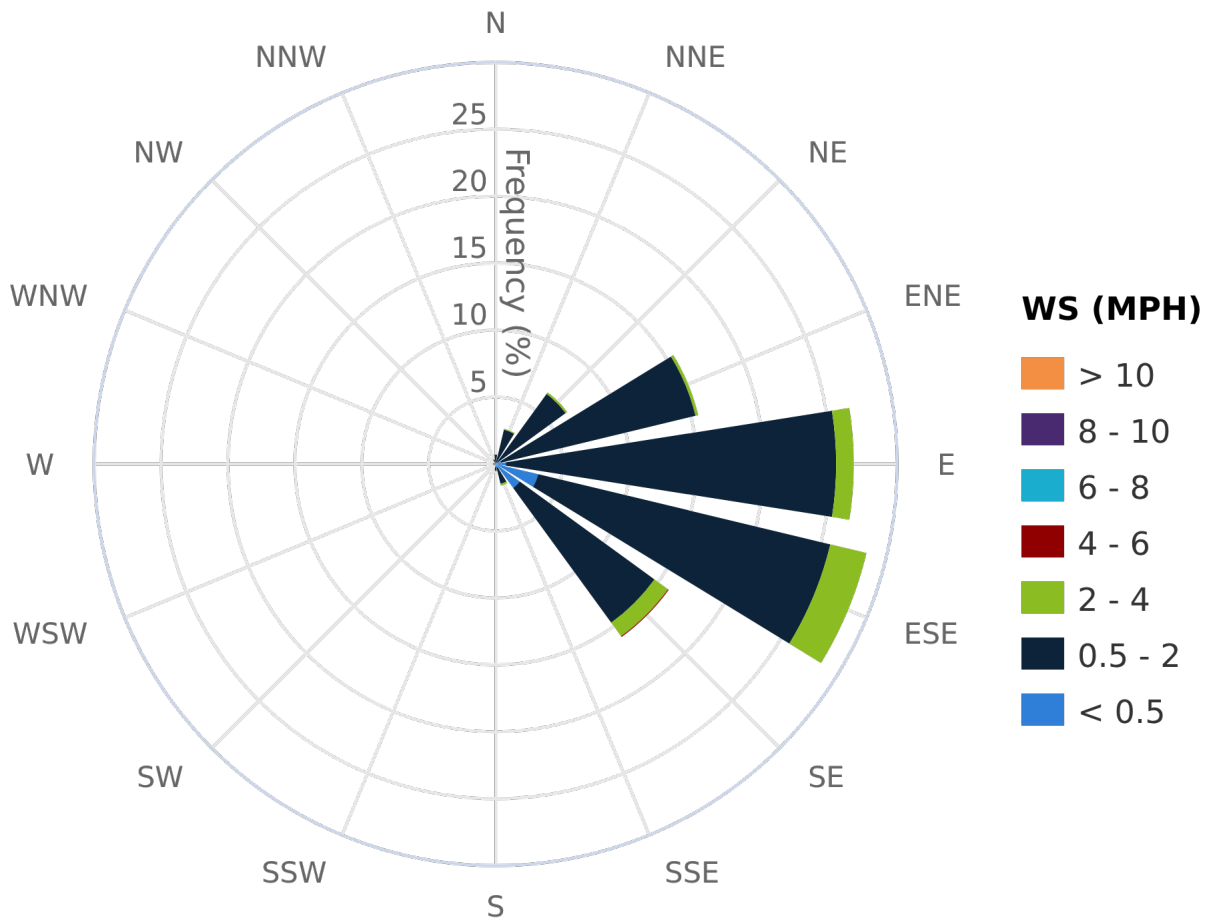


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

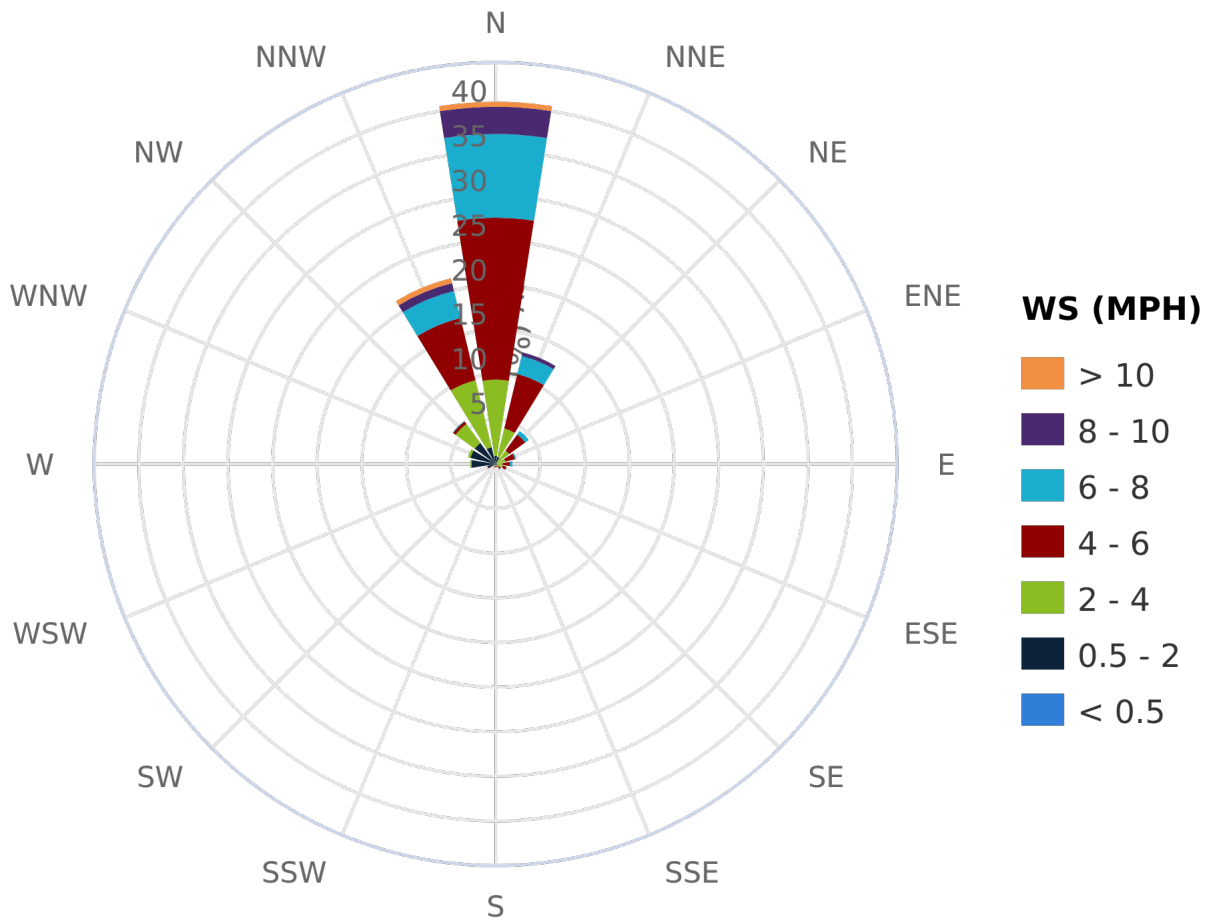


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

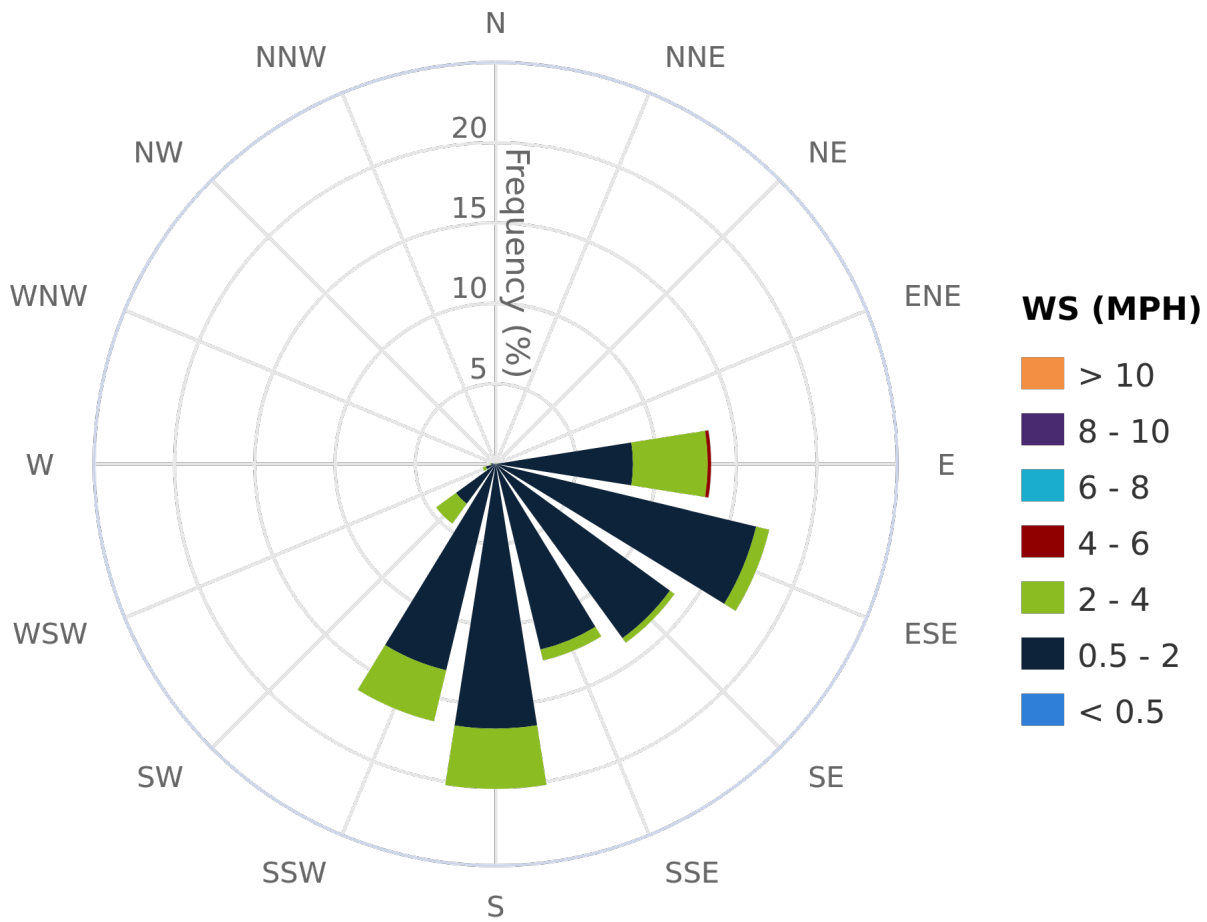


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

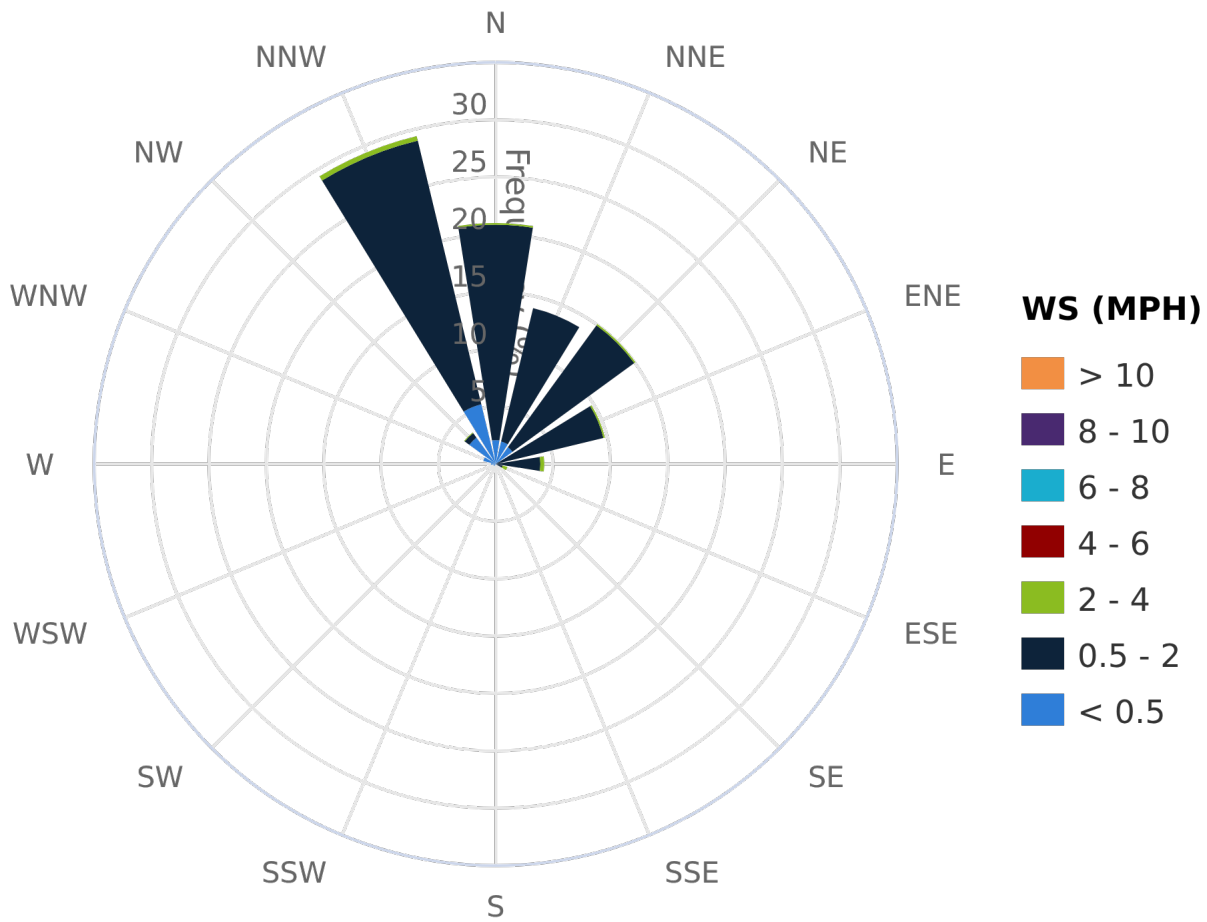


Figure 3 : Wind Rose Chart (WS in MPH)



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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	11.2	10.0	9.4	9.3	4.5	4.3	4.4	4.4	0.000	0.000	0.000	0.000
00:15:00	10.7	10.0	9.5	8.7	4.5	4.3	4.1	4.5	0.000	0.000	0.000	0.000
00:30:00	10.6	9.5	9.2	8.3	4.2	4.1	3.8	4.2	0.000	0.001	0.000	0.000
00:45:00	10.3	9.3	8.5	7.8	3.8	3.7	3.4	3.9	0.000	0.000	0.000	0.000
01:00:00	9.1	8.4	8.0	7.3	3.4	3.4	3.1	3.6	0.000	0.000	0.000	0.000
01:15:00	8.4	7.9	7.7	7.0	3.1	3.1	2.9	3.3	0.000	0.000	0.000	0.000
01:30:00	9.4	8.1	7.6	7.3	3.0	3.0	2.8	3.1	0.000	0.000	0.000	0.000
01:45:00	10.1	9.5	8.5	7.4	3.5	3.6	3.1	3.9	0.000	0.000	0.000	0.000
02:00:00	12.5	9.7	9.2	8.1	4.7	4.4	3.9	4.9	0.000	0.001	0.000	0.000
02:15:00	11.1	10.9	10.4	9.0	5.3	5.5	4.6	5.9	0.000	0.001	0.000	0.000
02:30:00	12.9	11.9	11.9	10.4	6.5	6.5	5.8	7.0	0.000	0.001	0.000	0.000
02:45:00	12.6	11.3	11.1	10.8	6.6	6.1	6.1	6.2	0.000	0.001	0.000	0.000
03:00:00	11.5	10.0	9.3	10.2	5.8	5.0	5.8	5.0	0.000	0.002	0.000	0.000
03:15:00	10.5	8.9	8.4	9.5	4.9	4.1	5.3	4.1	0.000	0.002	0.000	0.000
03:30:00	10.2	8.1	7.7	8.5	4.4	3.7	4.5	3.8	0.000	0.002	0.000	0.001
03:45:00	9.9	8.4	7.9	8.1	4.4	3.8	4.2	4.1	0.002	0.002	0.000	0.000
04:00:00	9.4	8.5	7.8	7.8	4.3	4.0	4.2	4.2	0.005	0.002	0.000	0.002
04:15:00	9.3	8.1	7.9	8.1	4.2	3.9	4.1	4.1	0.002	0.002	0.000	0.001
04:30:00	9.0	8.2	7.8	7.6	4.2	3.9	3.8	4.0	0.005	0.002	0.002	0.002
04:45:00	9.3	8.6	8.1	7.7	4.2	3.9	3.8	4.1	0.011	0.002	0.010	0.006
05:00:00	9.7	8.8	8.5	7.8	4.3	4.0	3.9	4.2	0.014	0.003	0.015	0.009
05:15:00	9.7	9.2	8.6	7.9	4.4	4.2	3.9	4.4	0.018	0.003	0.020	0.010
05:30:00	9.6	9.3	8.7	8.0	4.5	4.4	4.0	4.5	0.022	0.002	0.022	0.011
05:45:00	9.9	9.6	8.9	8.2	4.7	4.6	4.2	4.7	0.026	0.003	0.030	0.013
06:00:00	10.8	9.8	9.1	8.6	5.0	4.8	4.5	4.8	0.031	0.004	0.034	0.015
06:15:00	10.7	10.0	9.6	9.4	5.1	4.9	4.7	5.2	0.033	0.004	0.041	0.015
06:30:00	10.9	10.9	9.7	9.3	5.3	5.1	4.8	5.3	0.038	0.003	0.045	0.016
06:45:00	11.3	12.3	9.9	9.5	5.5	5.3	4.8	5.5	0.040	0.004	0.046	0.015
07:00:00	11.0	10.5	10.4	10.1	5.4	5.2	5.0	5.6	0.040	0.004	0.048	0.014
07:15:00	188.1	10.9	10.3	10.0	26.1	5.3	5.0	5.6	0.040	0.004	0.049	0.015
07:30:00	12.5	11.7	11.7	11.2	5.8	5.5	5.3	5.9	0.043	0.004	0.053	0.014
07:45:00	14.1	12.4	11.8	12.5	6.0	5.6	5.7	6.1	0.042	0.004	0.057	0.014
08:00:00	16.7	12.8	13.3	12.6	6.4	5.7	5.7	6.1	0.042	0.004	0.063	0.013
08:15:00	28.4	13.4	13.0	14.4	8.1	5.7	6.0	6.1	0.044	0.004	0.066	0.014
08:30:00	185.2	15.4	12.4	12.7	23.1	6.0	5.8	5.9	0.048	0.004	0.069	0.016
08:45:00	14.8	14.0	12.5	12.6	5.8	5.7	5.4	5.7	0.055	0.005	0.073	0.018
09:00:00	17.9	13.8	14.5	12.4	5.9	5.4	5.3	5.8	0.061	0.005	0.074	0.018
09:15:00	32.8	15.1	15.5	14.4	7.8	5.4	5.3	5.8	0.065	0.005	0.074	0.019
09:30:00	21.8	15.2	16.1	17.7	6.2	5.5	5.6	5.8	0.066	0.005	0.070	0.023
09:45:00	35.9	16.5	16.1	16.4	8.1	6.3	5.7	5.9	0.068	0.006	0.067	0.029
10:00:00	20.8	16.4	15.4	19.5	6.7	6.5	6.3	6.1	0.061	0.005	0.058	0.031
10:15:00	20.6	16.6	17.0	16.8	6.7	6.3	6.2	6.4	0.052	0.003	0.046	0.028
10:30:00	19.0	16.8	17.5	18.0	6.6	6.2	6.5	6.6	0.033	0.002	0.034	0.022
10:45:00	19.2	16.9	16.9	16.4	6.4	6.1	6.2	6.4	0.017	0.001	0.028	0.014
11:00:00	20.7	18.0	17.5	23.1	6.2	5.9	7.0	6.1	0.001	0.000	0.016	0.004
11:15:00	21.2	18.5	17.5	18.8	5.9	5.7	5.9	5.8	0.000	0.000	0.001	0.000
11:30:00	24.6	17.8	16.7	19.5	6.6	5.6	5.9	5.7	0.000	0.000	0.000	0.000
11:45:00	21.5	18.5	18.3	20.2	6.4	5.9	6.5	6.2	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	21.5	17.9	17.0	19.4	6.2	6.1	6.1	5.7	0.000	0.000	0.000	0.000
12:15:00	35.5	19.2	18.0	17.8	7.6	6.0	5.7	5.8	0.000	0.000	0.000	0.000
12:30:00	25.3	18.9	19.0	17.1	6.2	5.9	5.7	5.8	0.000	0.000	0.000	0.000
12:45:00	19.7	18.6	16.8	16.6	6.1	6.4	5.6	5.7	0.000	0.000	0.000	0.000
13:00:00	18.0	18.3	16.8	19.7	5.1	5.8	6.1	5.7	0.000	0.000	0.000	0.000
13:15:00	33.6	17.2	15.9	20.6	7.3	5.5	6.0	5.4	0.000	0.000	0.000	0.000
13:30:00	18.3	16.5	16.0	26.6	5.4	5.4	6.7	5.3	0.000	0.000	0.000	0.000
13:45:00	18.1	16.2	15.1	18.8	5.3	5.3	5.6	5.1	0.000	0.000	0.000	0.000
14:00:00	28.8	17.2	15.9	24.6	6.9	5.6	6.5	5.2	0.000	0.000	0.000	0.000
14:15:00	17.2	16.5	15.1	17.4	5.3	5.1	5.5	5.1	0.000	0.000	0.000	0.000
14:30:00	20.6	16.1	14.1	17.7	5.6	5.0	5.3	4.9	0.000	0.000	0.000	0.000
14:45:00	20.6	16.0	15.0	17.5	5.6	5.2	5.5	5.0	0.000	0.000	0.000	0.000
15:00:00	21.6	16.8	14.1	20.0	5.7	5.4	5.6	4.8	0.000	0.000	0.000	0.000
15:15:00	124.3	16.6	14.2	16.2	19.4	5.2	5.1	4.8	0.000	0.000	0.000	0.000
15:30:00	18.5	15.7	13.9	16.4	5.3	5.1	5.2	4.8	0.000	0.000	0.000	0.000
15:45:00	16.2	15.2	13.8	14.6	4.8	4.9	4.8	4.7	0.000	0.000	0.000	0.000
16:00:00	31.3	15.4	13.4	14.5	6.9	4.9	4.9	4.5	0.000	0.000	0.000	0.000
16:15:00	17.4	15.7	14.0	15.8	5.2	5.0	5.2	5.0	0.000	0.000	0.000	0.000
16:30:00	16.6	15.2	13.8	14.7	5.2	5.0	5.0	4.9	0.000	0.000	0.000	0.000
16:45:00	15.4	15.0	13.5	14.8	5.0	4.9	4.9	4.8	0.000	0.000	0.000	0.000
17:00:00	36.9	14.9	13.4	13.7	6.9	4.9	4.9	4.7	0.000	0.000	0.000	0.000
17:15:00	15.6	15.6	12.7	13.7	4.8	5.0	4.7	4.5	0.000	0.000	0.000	0.000
17:30:00	16.5	14.6	13.3	13.5	4.9	4.7	4.8	4.6	0.000	0.000	0.000	0.000
17:45:00	14.2	14.1	11.6	12.8	4.6	4.9	4.6	4.3	0.000	0.000	0.000	0.000
18:00:00	12.8	13.3	11.6	12.0	4.4	4.8	4.4	4.3	0.000	0.000	0.000	0.000
18:15:00	34.4	13.7	11.1	11.7	7.4	4.9	4.5	4.3	0.000	0.000	0.000	0.000
18:30:00	13.2	13.8	11.3	11.8	4.7	5.2	4.4	4.3	0.000	0.000	0.000	0.000
18:45:00	127.1	12.3	10.2	11.6	14.1	4.5	4.1	4.0	0.000	0.000	0.000	0.000
19:00:00	12.7	12.6	11.2	11.2	4.8	5.0	4.7	4.6	0.000	0.000	0.000	0.000
19:15:00	245.9	12.0	10.7	10.6	26.6	4.4	4.4	4.6	0.000	0.000	0.000	0.000
19:30:00	12.7	11.4	10.3	11.4	4.9	4.2	4.6	4.6	0.000	0.000	0.000	0.000
19:45:00	12.1	11.0	11.0	11.8	4.5	4.0	4.7	4.6	0.000	0.000	0.000	0.000
20:00:00	10.9	9.5	13.8	11.9	3.8	3.5	4.3	4.3	0.000	0.000	0.000	0.001
20:15:00	10.4	10.9	9.9	13.9	3.7	3.6	5.0	4.0	0.000	0.000	0.000	0.005
20:30:00	11.0	10.6	10.7	11.8	3.8	3.7	4.3	4.4	0.010	0.003	0.000	0.010
20:45:00	11.4	11.1	10.0	11.1	4.0	3.9	4.0	4.0	0.051	0.006	0.011	0.021
21:00:00	12.0	13.5	9.4	10.7	3.9	4.2	3.9	3.8	0.070	0.008	0.043	0.036
21:15:00	12.1	11.1	9.8	10.5	4.0	3.8	3.8	3.8	0.085	0.008	0.063	0.043
21:30:00	12.5	11.4	10.4	10.1	4.1	3.9	3.7	3.8	0.089	0.009	0.077	0.049
21:45:00	12.5	11.2	9.2	11.5	4.1	3.9	4.0	3.7	0.100	0.010	0.093	0.053
22:00:00	11.6	10.9	10.5	11.3	4.0	3.8	4.0	3.8	0.108	0.010	0.106	0.056
22:15:00	12.2	10.9	9.9	10.5	3.9	3.8	3.9	3.8	0.115	0.010	0.115	0.057
22:30:00	10.9	10.3	9.8	10.3	3.8	3.8	3.8	3.8	0.120	0.010	0.121	0.058
22:45:00	10.6	10.4	9.6	10.3	3.8	4.0	3.8	3.8	0.122	0.010	0.129	0.056
23:00:00	10.7	12.6	9.3	10.0	4.2	5.6	3.8	3.8	0.122	0.010	0.135	0.051
23:15:00	18.1	16.3	9.5	10.0	10.2	8.9	4.3	4.1	0.120	0.009	0.135	0.046
23:30:00	23.1	21.5	10.6	12.2	14.3	13.0	6.4	5.0	0.113	0.009	0.137	0.041
23:45:00	22.8	21.0	13.0	13.0	14.4	13.3	6.6	7.0	0.107	0.007	0.135	0.035

