



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-04-14

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 6.442	2943 SE	3061 W	2996 ESE	2997 NE	Min : 51.98 Max : 95.00	Min : 31.00 Max : 86.50	Min : 30.07 Max : 30.33

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	18.7	164.7	7.5	29.3	0.025	0.158
2996	17.4	53.4	7.5	15.3	0.026	0.152
2997	14.3	55.7	6.7	11.1	0.012	0.091
3061	12.9	18.2	6.6	8.8	0.002	0.015



Figure 1 : Monitoring Locations

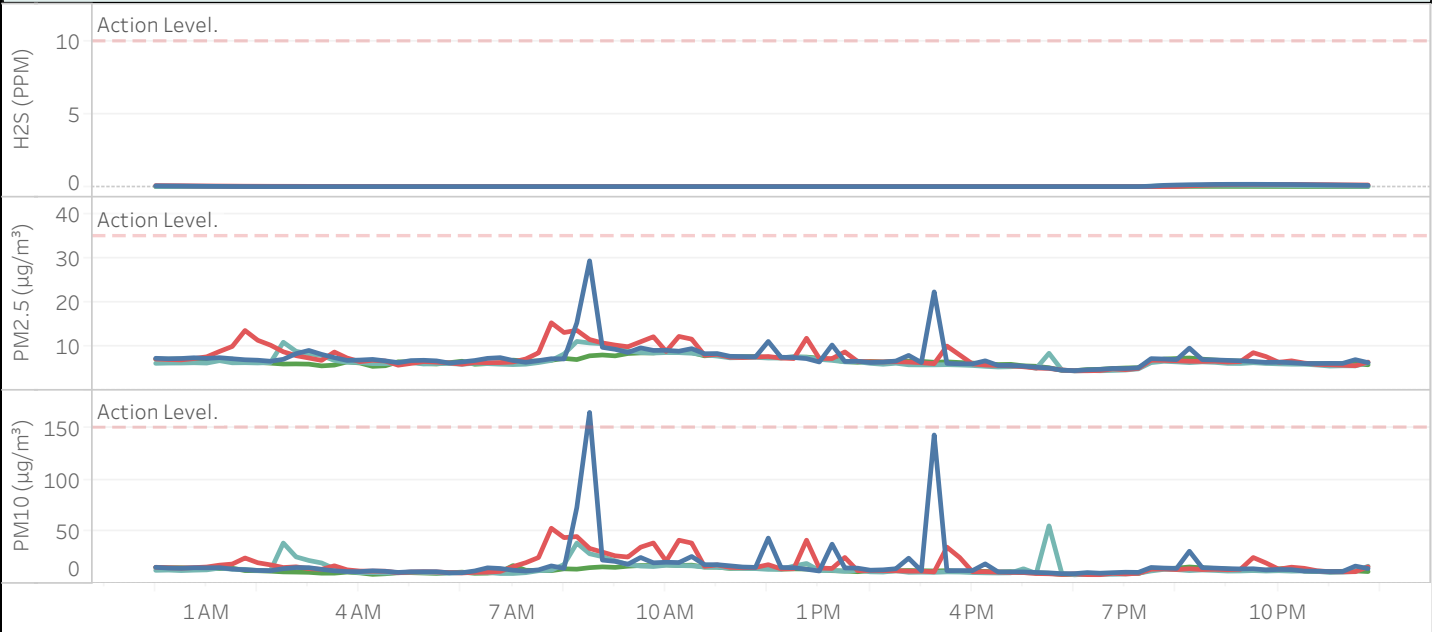


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

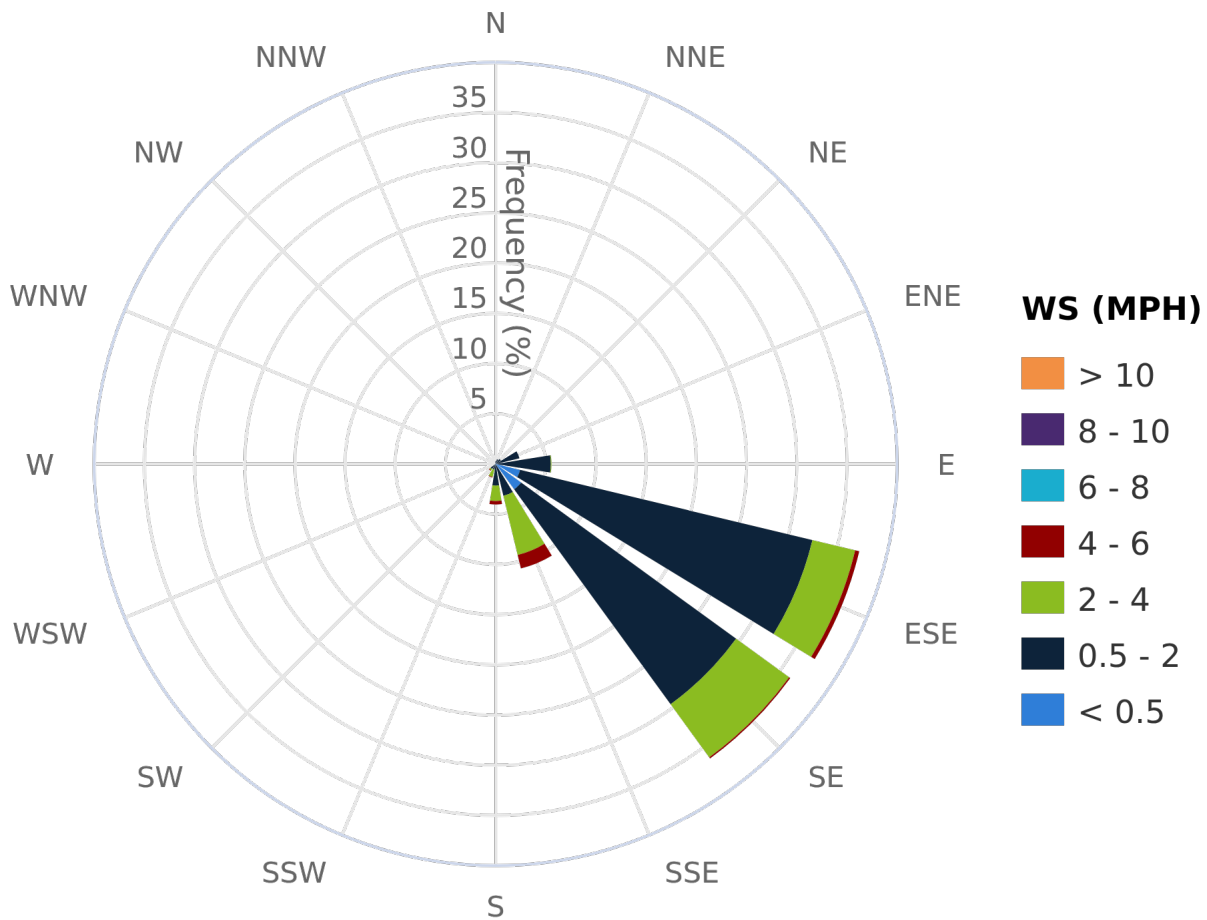


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

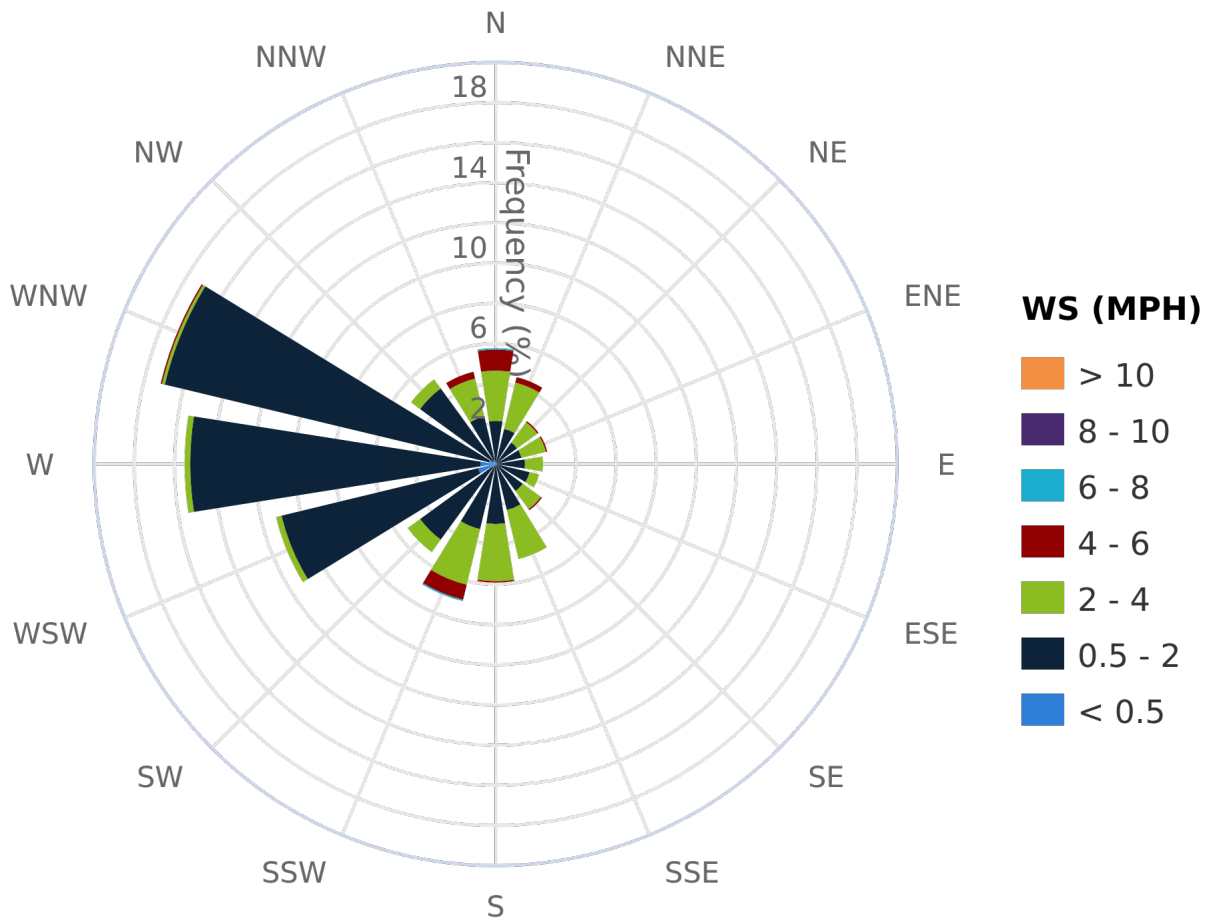


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

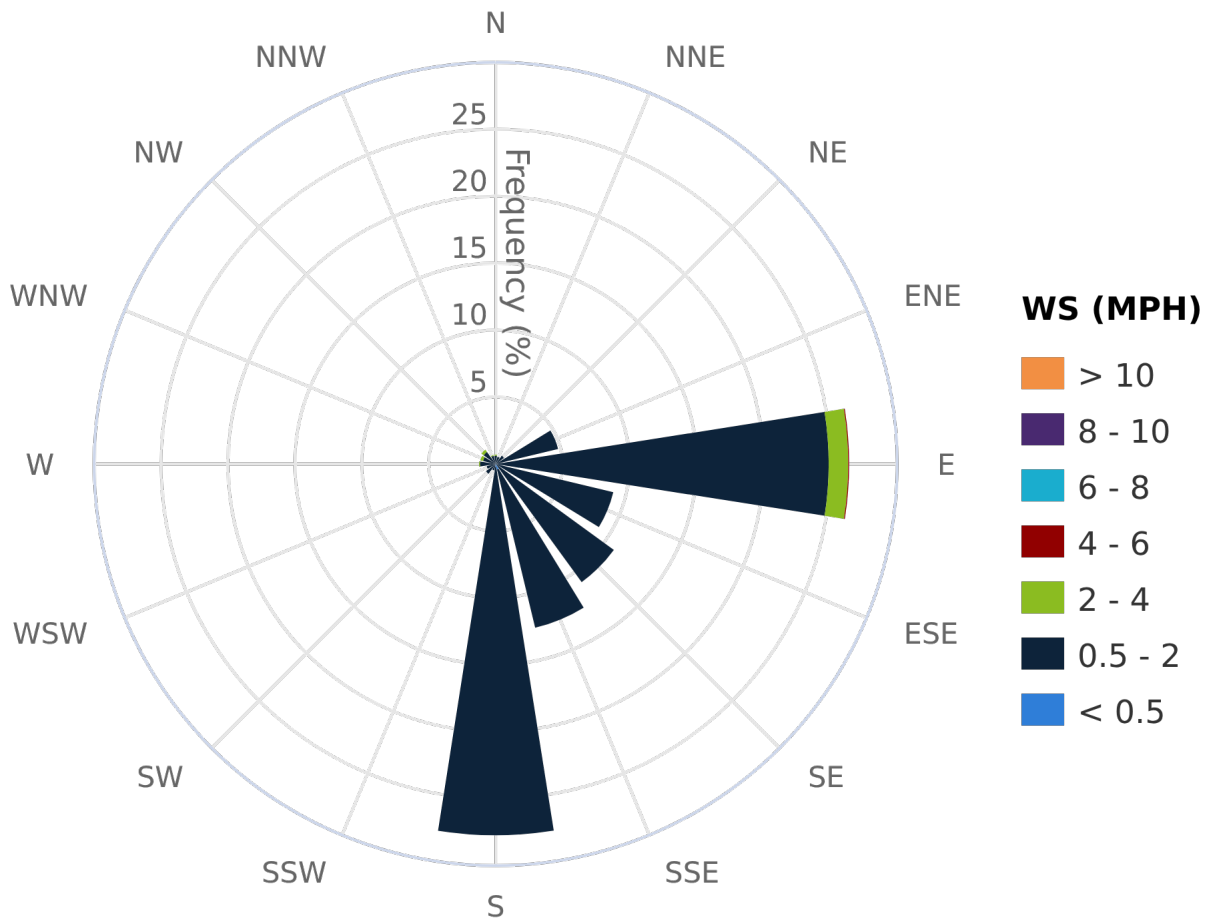


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

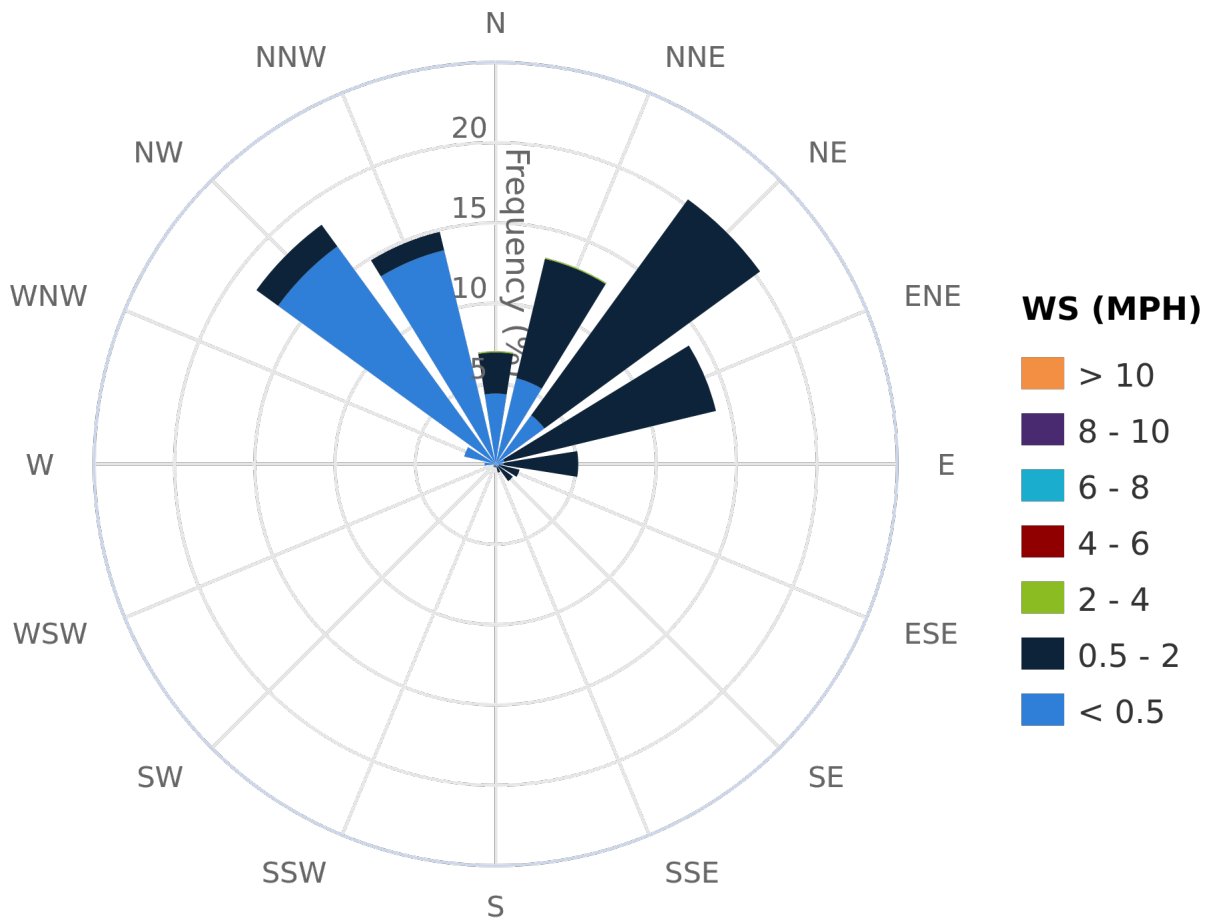


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.8	15.6	12.9	15.9	7.3	7.1	7.1	6.2	0.052	0.000	0.068	0.003
00:15:00	15.1	15.4	13.2	15.4	7.2	7.1	7.0	6.2	0.044	0.000	0.063	0.000
00:30:00	14.9	15.4	12.7	15.1	7.3	7.1	7.0	6.2	0.039	0.000	0.058	0.000
00:45:00	15.4	14.8	13.1	15.6	7.4	7.1	7.3	6.3	0.030	0.000	0.050	0.000
01:00:00	15.3	14.7	13.4	16.1	7.3	7.1	7.6	6.2	0.021	0.000	0.043	0.000
01:15:00	15.5	14.6	15.1	17.9	7.5	7.0	8.9	6.8	0.014	0.000	0.038	0.000
01:30:00	14.1	15.0	14.0	19.0	7.2	7.1	10.0	6.3	0.006	0.000	0.033	0.000
01:45:00	13.5	12.7	13.9	24.8	7.0	6.5	13.6	6.3	0.004	0.000	0.027	0.000
02:00:00	12.8	12.5	12.8	20.2	6.9	6.4	11.4	6.3	0.000	0.000	0.025	0.000
02:15:00	12.6	12.1	12.6	18.2	6.6	6.2	10.3	6.3	0.000	0.000	0.021	0.000
02:30:00	14.5	11.4	39.2	15.6	7.1	6.0	8.8	10.9	0.000	0.000	0.020	0.000
02:45:00	15.6	11.2	25.9	16.3	8.4	6.0	7.9	8.9	0.000	0.000	0.019	0.000
03:00:00	15.5	11.0	22.4	14.5	9.1	6.0	7.4	8.3	0.000	0.000	0.016	0.000
03:15:00	13.8	10.2	20.0	13.9	8.2	5.6	6.8	8.0	0.000	0.000	0.013	0.000
03:30:00	12.4	10.2	14.4	17.3	7.5	5.8	8.7	6.8	0.000	0.000	0.013	0.000
03:45:00	11.7	11.2	11.9	13.4	6.8	6.5	7.4	6.4	0.000	0.000	0.011	0.000
04:00:00	11.7	10.5	10.7	12.2	6.9	6.3	6.5	6.4	0.000	0.000	0.009	0.000
04:15:00	12.5	9.0	10.7	12.1	7.1	5.5	6.9	6.1	0.000	0.000	0.007	0.000
04:30:00	12.0	9.6	10.3	12.1	6.7	5.6	6.7	6.1	0.000	0.000	0.005	0.000
04:45:00	10.9	10.6	10.7	10.6	6.3	6.5	5.8	6.3	0.000	0.000	0.003	0.000
05:00:00	11.5	10.7	11.1	11.3	6.8	6.5	6.2	6.3	0.000	0.000	0.003	0.000
05:15:00	11.6	10.4	10.8	11.6	6.9	6.1	6.6	6.0	0.000	0.000	0.002	0.000
05:30:00	11.6	10.0	10.5	11.4	6.7	6.0	6.4	6.1	0.000	0.000	0.001	0.000
05:45:00	10.5	10.6	10.3	10.8	6.2	6.3	6.3	6.1	0.000	0.000	0.000	0.000
06:00:00	10.6	11.2	10.7	10.4	6.5	6.6	6.0	6.0	0.000	0.000	0.000	0.000
06:15:00	12.3	10.1	11.0	11.0	6.8	6.0	6.4	6.2	0.000	0.000	0.000	0.000
06:30:00	15.3	10.2	10.9	11.2	7.3	6.1	6.3	6.1	0.000	0.000	0.000	0.000
06:45:00	14.7	11.3	9.9	11.9	7.5	6.3	6.3	6.0	0.000	0.000	0.000	0.000
07:00:00	13.0	17.5	9.9	16.5	6.8	6.9	6.5	5.9	0.000	0.000	0.000	0.000
07:15:00	12.3	13.0	10.7	20.3	6.4	6.7	7.2	6.0	0.000	0.000	0.000	0.000
07:30:00	13.4	12.8	12.5	25.2	6.8	6.7	8.5	6.3	0.000	0.000	0.000	0.000
07:45:00	17.2	12.6	13.0	53.4	7.2	6.9	15.3	6.8	0.000	0.000	0.000	0.000
08:00:00	14.8	14.4	18.5	44.3	7.2	7.3	13.1	8.3	0.000	0.000	0.000	0.000
08:15:00	73.3	14.0	39.1	45.4	15.3	7.0	13.6	11.1	0.000	0.000	0.000	0.000
08:30:00	164.7	15.5	28.9	34.0	29.3	7.9	11.6	10.8	0.000	0.000	0.000	0.000
08:45:00	22.8	16.2	26.1	30.5	9.8	8.1	10.8	10.6	0.000	0.000	0.000	0.000
09:00:00	21.5	15.8	22.1	26.9	9.3	7.9	10.3	9.5	0.000	0.000	0.000	0.000
09:15:00	18.8	16.9	18.5	25.7	8.6	8.4	9.9	9.0	0.000	0.000	0.000	0.000
09:30:00	25.3	17.5	17.0	35.2	9.7	8.5	11.0	8.6	0.000	0.000	0.000	0.000
09:45:00	20.1	17.5	16.6	39.2	9.1	8.5	12.2	8.5	0.000	0.000	0.000	0.000
10:00:00	20.7	18.2	17.8	21.7	9.1	8.8	8.9	8.6	0.000	0.000	0.000	0.000
10:15:00	20.4	17.5	17.5	41.9	8.9	8.6	12.3	8.6	0.000	0.000	0.000	0.000
10:30:00	26.2	17.9	17.2	39.1	9.5	8.6	11.6	8.4	0.000	0.000	0.000	0.000
10:45:00	18.4	16.1	16.1	16.8	8.3	7.9	8.0	8.1	0.000	0.000	0.000	0.000
11:00:00	18.4	16.0	15.9	18.1	8.4	8.1	8.2	7.8	0.000	0.000	0.000	0.001
11:15:00	17.3	14.8	15.0	15.8	7.8	7.6	7.5	7.4	0.000	0.000	0.000	0.001
11:30:00	16.1	15.0	14.8	15.4	7.7	7.7	7.5	7.5	0.000	0.000	0.000	0.000
11:45:00	15.8	14.7	14.6	15.7	7.6	7.7	7.6	7.5	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	43.9	14.6	13.8	18.4	11.1	7.5	7.7	7.4	0.000	0.000	0.000	0.000
12:15:00	15.7	14.0	13.9	14.3	7.5	7.4	7.4	7.4	0.000	0.000	0.000	0.000
12:30:00	15.4	14.3	17.1	14.5	7.5	7.5	7.2	7.7	0.000	0.000	0.000	0.000
12:45:00	14.0	14.2	19.5	41.9	7.2	7.6	11.8	7.5	0.000	0.000	0.000	0.000
13:00:00	12.3	13.2	12.7	15.1	6.5	7.3	7.3	7.1	0.000	0.000	0.000	0.000
13:15:00	38.1	12.6	12.8	14.7	10.3	7.0	7.2	6.8	0.000	0.000	0.000	0.000
13:30:00	15.2	12.3	12.0	25.3	6.6	6.6	8.7	6.5	0.000	0.000	0.000	0.000
13:45:00	15.0	11.6	13.0	12.6	6.6	6.4	6.6	6.5	0.000	0.000	0.000	0.000
14:00:00	13.1	12.6	11.5	12.8	6.4	6.6	6.5	6.2	0.000	0.000	0.000	0.000
14:15:00	13.4	12.2	11.3	12.7	6.5	6.5	6.5	6.0	0.000	0.000	0.000	0.000
14:30:00	14.5	12.5	12.5	12.5	6.7	6.6	6.5	6.2	0.000	0.000	0.000	0.000
14:45:00	24.6	12.8	11.0	12.1	8.0	6.7	6.5	5.8	0.000	0.000	0.000	0.000
15:00:00	12.4	12.5	11.1	12.1	6.3	6.6	6.3	5.8	0.000	0.000	0.000	0.000
15:15:00	143.1	12.3	11.0	11.4	22.3	6.4	6.1	5.8	0.000	0.000	0.000	0.000
15:30:00	12.6	12.6	11.4	35.2	6.2	6.5	10.1	5.9	0.000	0.000	0.000	0.000
15:45:00	12.7	12.0	11.3	25.2	6.1	6.3	8.1	5.8	0.000	0.000	0.000	0.000
16:00:00	12.6	12.0	10.8	11.6	6.0	6.2	6.0	5.7	0.000	0.000	0.000	0.000
16:15:00	19.1	11.9	10.5	11.6	6.7	6.1	5.8	5.5	0.000	0.000	0.000	0.000
16:30:00	11.4	11.3	10.4	11.2	5.7	5.9	5.7	5.3	0.000	0.000	0.000	0.000
16:45:00	11.4	11.6	10.5	10.9	5.7	5.9	5.6	5.4	0.000	0.000	0.000	0.000
17:00:00	11.4	10.7	14.4	10.8	5.5	5.6	5.4	5.6	0.000	0.000	0.000	0.000
17:15:00	10.9	10.5	9.9	9.8	5.3	5.5	5.1	5.0	0.000	0.000	0.000	0.000
17:30:00	10.5	10.1	55.7	9.6	5.1	5.2	5.0	8.4	0.000	0.000	0.000	0.000
17:45:00	9.7	9.0	10.0	9.0	4.6	4.6	4.7	4.7	0.000	0.000	0.000	0.000
18:00:00	9.7	8.9	8.6	9.5	4.5	4.5	4.5	4.4	0.000	0.000	0.000	0.000
18:15:00	10.8	9.3	9.3	8.8	4.7	4.8	4.5	4.6	0.000	0.000	0.000	0.000
18:30:00	10.2	9.6	9.1	8.7	4.8	4.8	4.5	4.5	0.000	0.000	0.000	0.000
18:45:00	10.7	10.0	9.1	10.0	5.0	5.0	4.9	4.6	0.000	0.000	0.000	0.000
19:00:00	11.1	10.0	9.4	9.5	5.0	5.1	4.7	4.7	0.000	0.000	0.000	0.000
19:15:00	10.9	9.8	10.1	10.0	5.2	5.2	5.0	4.9	0.000	0.000	0.000	0.000
19:30:00	15.7	13.6	12.3	14.0	7.2	6.7	6.9	6.3	0.028	0.003	0.000	0.028
19:45:00	15.1	14.3	13.8	14.3	7.1	7.1	6.8	6.6	0.086	0.013	0.000	0.070
20:00:00	14.8	15.0	13.6	13.7	7.0	7.3	6.7	6.5	0.110	0.014	0.005	0.082
20:15:00	31.3	16.1	12.7	14.5	9.6	7.4	6.6	6.3	0.127	0.015	0.051	0.089
20:30:00	15.5	15.3	13.2	13.7	7.0	7.1	6.6	6.5	0.137	0.015	0.088	0.090
20:45:00	15.1	14.8	12.8	13.9	6.9	6.9	6.7	6.4	0.150	0.015	0.121	0.091
21:00:00	14.6	14.1	12.2	13.5	6.8	6.8	6.5	6.2	0.156	0.015	0.135	0.090
21:15:00	14.3	13.4	12.3	13.9	6.7	6.7	6.6	6.1	0.157	0.014	0.147	0.087
21:30:00	14.4	13.0	12.7	25.3	6.6	6.4	8.6	6.3	0.158	0.014	0.151	0.082
21:45:00	13.4	13.0	12.2	20.0	6.4	6.3	7.7	6.2	0.154	0.012	0.152	0.078
22:00:00	13.8	14.3	12.6	14.0	6.4	6.3	6.4	6.1	0.149	0.012	0.150	0.072
22:15:00	13.6	15.1	12.1	16.0	6.3	6.4	6.7	6.0	0.144	0.010	0.150	0.064
22:30:00	12.2	12.3	12.3	14.8	6.1	6.1	6.2	6.0	0.134	0.008	0.143	0.058
22:45:00	12.1	11.7	11.9	12.5	6.1	6.1	5.9	5.8	0.122	0.008	0.135	0.051
23:00:00	11.8	11.7	10.8	11.6	6.2	6.0	5.9	5.6	0.112	0.007	0.131	0.043
23:15:00	11.8	12.0	11.2	11.5	6.2	6.1	5.8	5.6	0.103	0.005	0.120	0.036
23:30:00	17.0	12.4	11.8	11.6	7.0	6.1	5.6	5.6	0.091	0.004	0.116	0.028
23:45:00	14.6	11.7	16.9	16.2	6.3	5.8	6.5	6.3	0.079	0.003	0.111	0.020

