



# DAILY AIR MONITORING REPORT

## Florence C&D Landfill – Air Monitoring

Date : 2026-04-16

**Table 1 : Weather Summary**

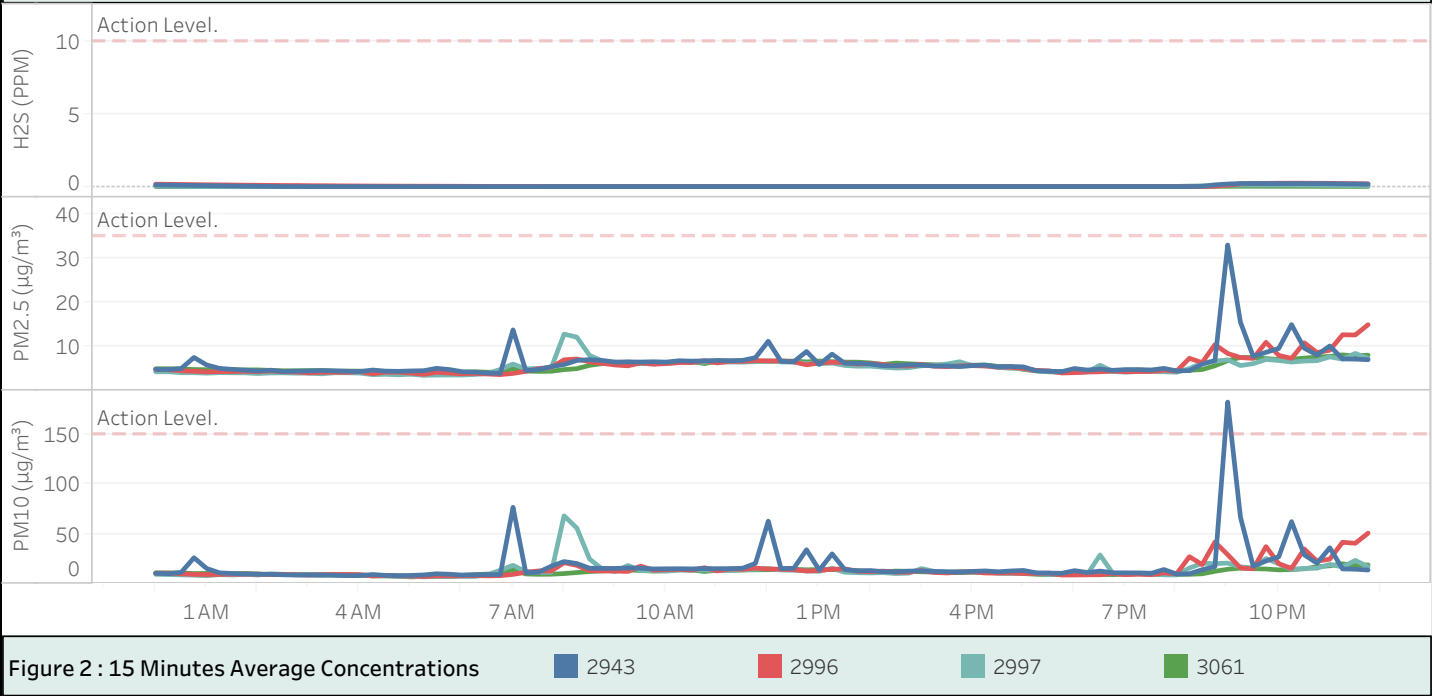
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 5.749	2943 SE	3061 SW	2996 SE	2997 NNE	Min : 52.52 Max : 97.52	Min : 29.60 Max : 85.80	Min : 29.99 Max : 30.26

**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	17.9	183.1	6.4	32.9	0.033	0.214
2996	14.1	51.0	5.8	14.9	0.047	0.236
2997	13.6	68.5	5.4	12.8	0.014	0.111
3061	11.6	20.1	5.5	8.1	0.003	0.023



**Figure 1 : Monitoring Locations**





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Wind Rose Chart 2943

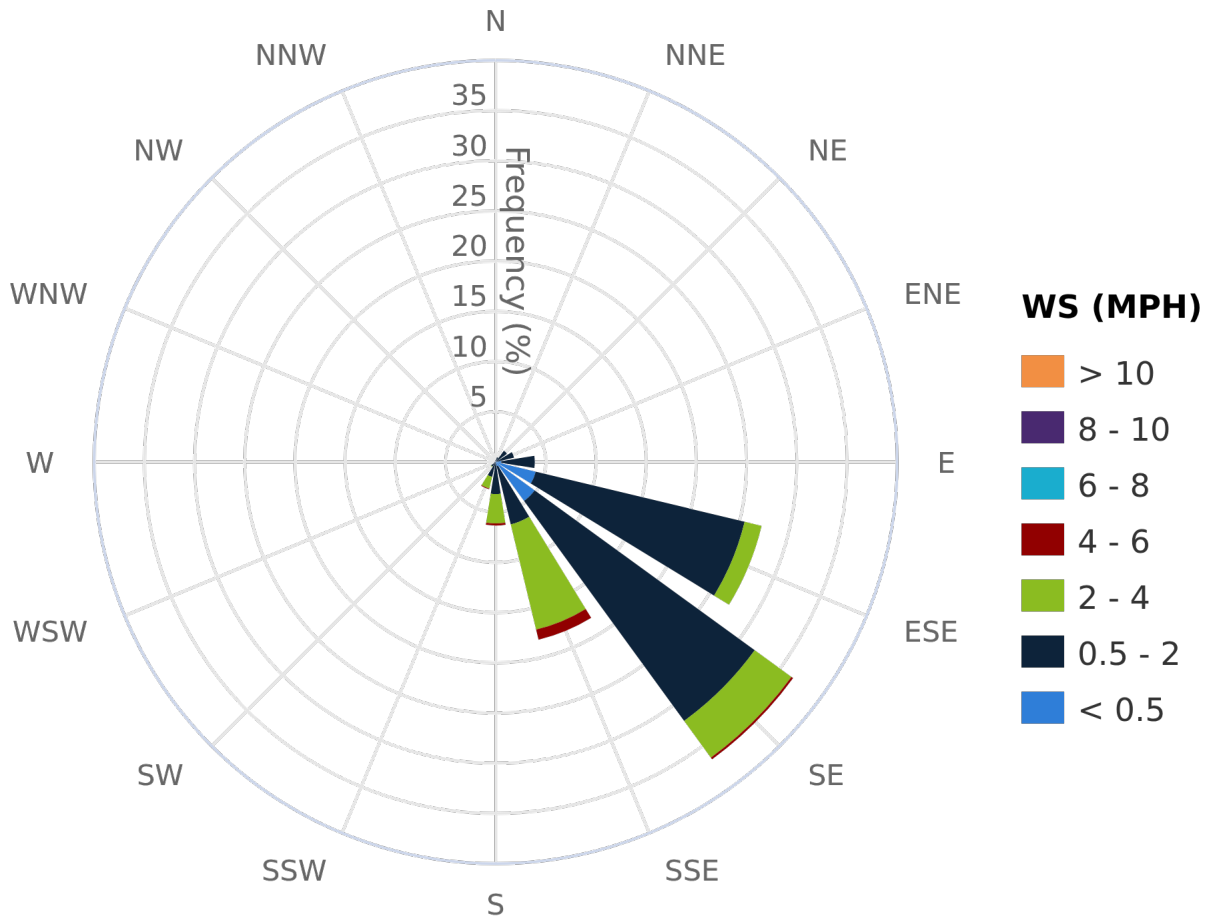


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

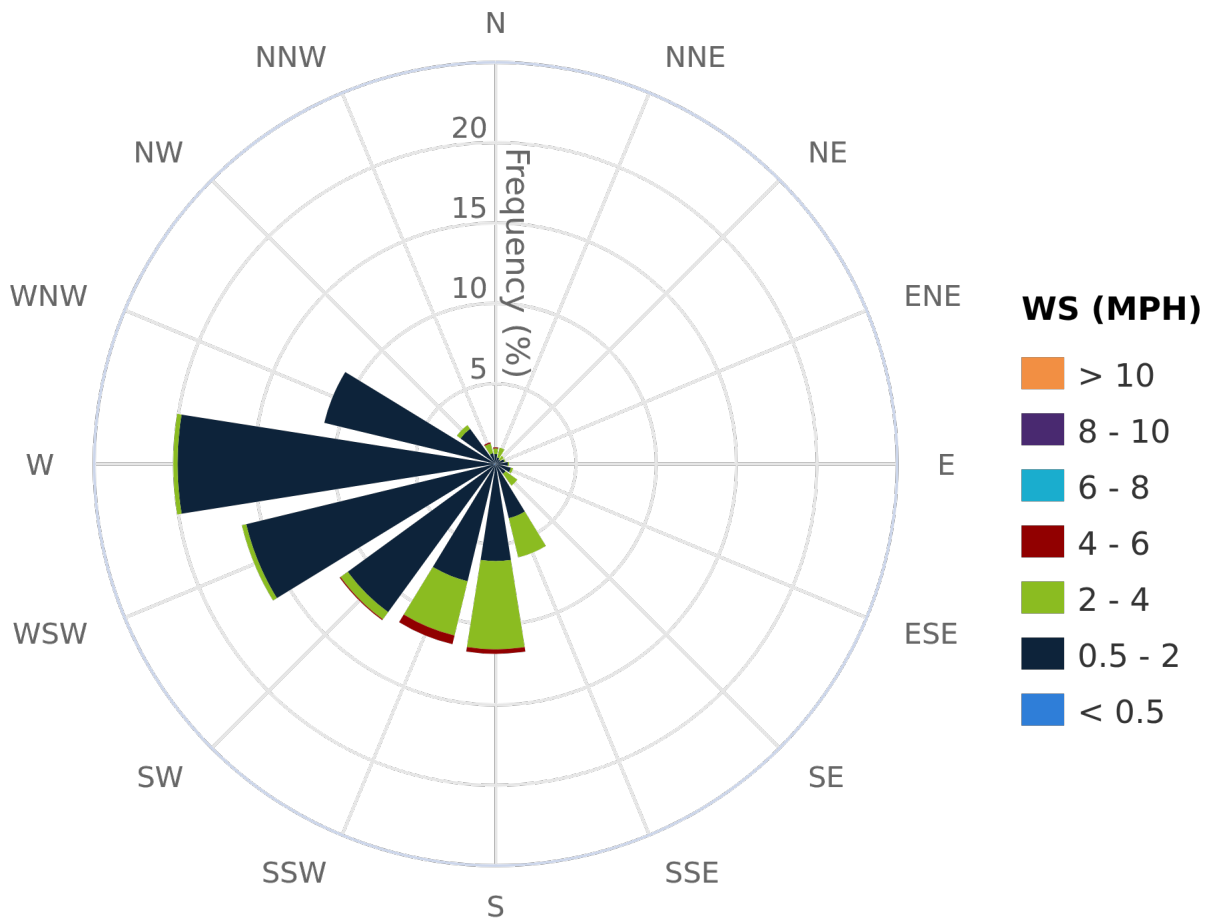


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

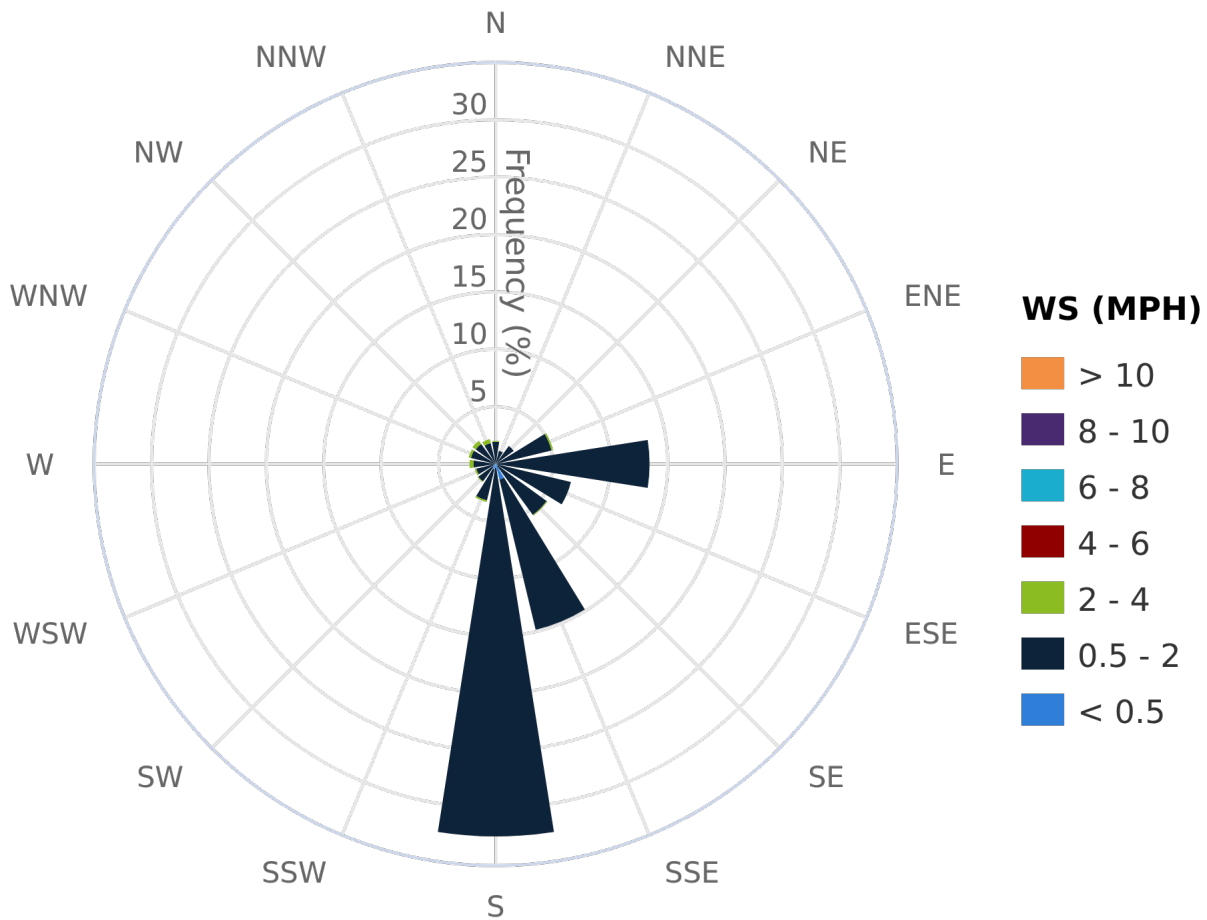


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

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Wind Rose Chart 2997

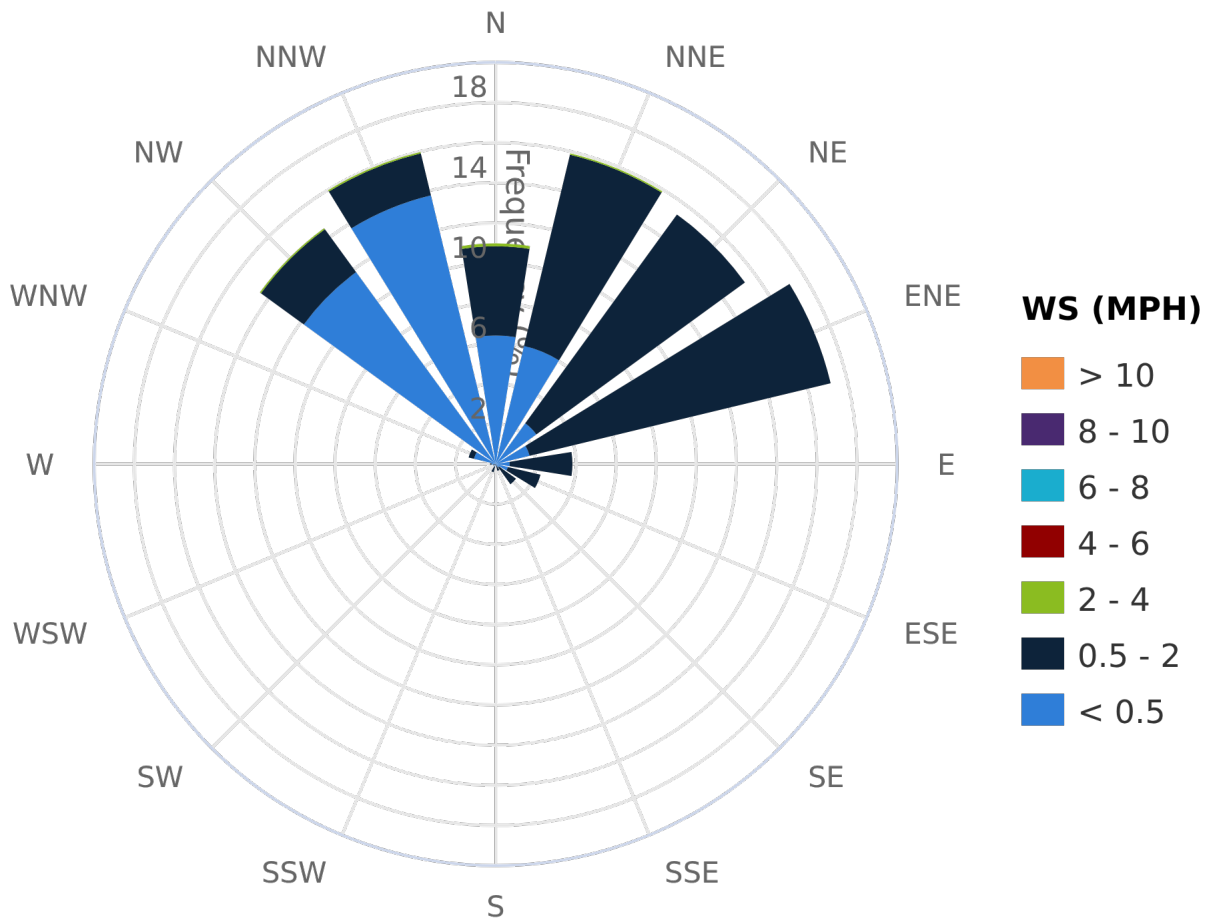


Figure 3 : Wind Rose Chart (WS in MPH)



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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	10.6	11.0	9.5	10.8	4.8	5.0	4.8	4.3	0.116	0.006	0.168	0.034
00:15:00	10.1	10.9	9.3	10.7	4.8	4.9	4.7	4.3	0.103	0.004	0.156	0.025
00:30:00	11.5	10.9	9.0	10.0	5.0	4.9	4.5	4.1	0.090	0.004	0.148	0.019
00:45:00	26.2	10.3	8.6	9.5	7.5	4.8	4.4	4.1	0.080	0.002	0.137	0.009
01:00:00	15.4	10.5	8.1	9.2	5.8	4.7	4.2	4.0	0.069	0.002	0.126	0.004
01:15:00	11.0	10.4	9.2	9.4	5.0	4.8	4.3	4.1	0.056	0.000	0.117	0.000
01:30:00	10.4	10.1	8.8	9.6	4.8	4.7	4.3	4.0	0.042	0.000	0.109	0.000
01:45:00	9.9	10.4	9.5	9.6	4.6	4.7	4.4	4.0	0.033	0.000	0.098	0.000
02:00:00	9.7	9.9	8.8	9.7	4.5	4.7	4.3	3.9	0.025	0.000	0.092	0.000
02:15:00	9.5	9.2	10.1	9.3	4.6	4.6	4.5	4.0	0.012	0.000	0.085	0.000
02:30:00	9.0	9.3	9.5	9.5	4.3	4.5	4.3	4.0	0.004	0.000	0.076	0.000
02:45:00	8.8	9.1	9.2	9.1	4.4	4.5	4.2	3.9	0.001	0.000	0.074	0.000
03:00:00	8.9	9.2	9.1	8.7	4.4	4.5	4.0	3.9	0.000	0.000	0.064	0.000
03:15:00	8.9	9.1	8.2	9.2	4.6	4.5	4.1	3.8	0.000	0.000	0.059	0.000
03:30:00	8.5	8.9	9.5	9.4	4.5	4.4	4.2	4.0	0.000	0.000	0.054	0.000
03:45:00	8.2	8.5	9.2	9.4	4.4	4.4	4.1	4.0	0.000	0.000	0.048	0.000
04:00:00	8.3	8.4	9.0	9.2	4.3	4.4	4.3	4.0	0.000	0.000	0.045	0.000
04:15:00	9.3	8.0	8.2	7.8	4.7	4.3	3.8	3.6	0.000	0.000	0.039	0.000
04:30:00	8.5	7.8	8.2	8.4	4.4	4.2	4.2	3.7	0.000	0.000	0.035	0.000
04:45:00	8.2	7.7	7.4	7.9	4.4	4.1	4.2	3.6	0.000	0.000	0.033	0.000
05:00:00	8.4	6.9	7.4	7.8	4.5	3.8	4.0	3.7	0.000	0.000	0.029	0.000
05:15:00	8.9	7.4	7.0	7.3	4.5	3.9	3.7	3.5	0.000	0.000	0.028	0.000
05:30:00	10.1	7.4	7.7	8.1	5.0	3.8	4.1	3.5	0.000	0.000	0.028	0.000
05:45:00	9.6	7.5	7.3	8.0	4.8	3.8	4.0	3.5	0.000	0.000	0.024	0.000
06:00:00	8.8	8.4	7.5	7.9	4.3	4.1	3.8	3.5	0.000	0.000	0.022	0.000
06:15:00	9.1	9.2	7.3	8.3	4.2	4.3	3.9	3.7	0.000	0.000	0.018	0.000
06:30:00	9.3	9.8	9.1	8.0	4.0	4.2	3.8	3.9	0.000	0.000	0.016	0.000
06:45:00	9.3	9.5	13.7	8.2	3.9	4.2	3.6	4.8	0.000	0.000	0.015	0.000
07:00:00	77.1	14.7	18.6	9.5	13.7	5.0	3.9	6.0	0.000	0.000	0.013	0.000
07:15:00	11.1	9.9	12.4	11.5	4.5	4.4	4.4	4.9	0.000	0.000	0.010	0.000
07:30:00	11.8	9.5	11.6	13.0	4.7	4.4	5.0	5.0	0.000	0.000	0.007	0.000
07:45:00	17.7	9.6	11.5	12.9	5.4	4.4	5.3	5.2	0.000	0.000	0.004	0.000
08:00:00	22.4	10.3	68.5	21.2	5.9	4.8	7.0	12.8	0.000	0.000	0.001	0.000
08:15:00	20.4	11.3	56.1	18.5	6.8	5.0	7.2	12.1	0.000	0.000	0.000	0.000
08:30:00	15.6	12.3	24.9	13.2	7.0	5.7	6.5	7.9	0.000	0.000	0.000	0.000
08:45:00	15.5	13.0	14.7	12.9	6.8	6.1	6.2	6.7	0.000	0.000	0.000	0.000
09:00:00	15.5	13.4	12.2	12.8	6.5	6.1	5.8	6.0	0.000	0.000	0.000	0.000
09:15:00	16.0	14.0	18.4	12.4	6.5	6.2	5.6	6.5	0.000	0.000	0.000	0.000
09:30:00	15.7	13.4	13.5	17.8	6.5	6.2	6.3	6.1	0.000	0.000	0.000	0.000
09:45:00	15.0	12.8	13.1	13.7	6.5	6.3	6.0	6.1	0.000	0.000	0.000	0.000
10:00:00	15.1	13.3	12.7	14.1	6.4	6.3	6.1	6.1	0.000	0.000	0.002	0.000
10:15:00	15.2	14.0	13.9	14.5	6.8	6.6	6.3	6.3	0.002	0.000	0.004	0.000
10:30:00	15.0	13.8	13.8	13.8	6.7	6.6	6.3	6.4	0.001	0.000	0.003	0.000
10:45:00	15.3	12.4	13.9	16.2	6.7	6.1	6.8	6.5	0.000	0.000	0.000	0.001
11:00:00	15.2	13.6	13.5	13.0	6.8	6.7	6.3	6.5	0.000	0.000	0.000	0.000
11:15:00	15.3	13.6	13.6	15.0	6.8	6.7	6.6	6.5	0.000	0.000	0.000	0.000
11:30:00	15.7	13.9	13.9	14.6	6.8	6.7	6.6	6.4	0.000	0.000	0.000	0.000
11:45:00	20.6	14.1	14.7	15.8	7.5	6.7	6.8	6.5	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	63.1	14.2	15.3	14.9	11.2	6.6	6.7	6.7	0.000	0.000	0.000	0.000
12:15:00	15.4	14.4	13.9	14.6	6.6	6.7	6.7	6.5	0.000	0.000	0.000	0.000
12:30:00	15.6	14.6	13.6	14.2	6.5	6.7	6.5	6.4	0.000	0.000	0.000	0.000
12:45:00	34.3	14.1	12.9	12.9	8.8	6.5	5.8	6.1	0.000	0.000	0.000	0.000
13:00:00	13.8	14.3	12.5	13.5	5.9	6.7	6.3	6.1	0.000	0.000	0.000	0.000
13:15:00	30.1	14.3	15.7	14.7	8.3	6.6	6.4	6.2	0.000	0.000	0.000	0.000
13:30:00	14.2	13.8	11.6	15.0	6.2	6.5	6.3	5.7	0.000	0.000	0.000	0.000
13:45:00	13.1	13.1	11.1	12.7	6.2	6.4	6.0	5.5	0.000	0.000	0.000	0.000
14:00:00	13.3	12.3	10.9	12.2	6.0	6.3	6.1	5.5	0.000	0.000	0.000	0.000
14:15:00	12.2	11.8	11.2	12.8	5.6	5.9	5.9	5.3	0.000	0.000	0.000	0.000
14:30:00	12.1	12.8	10.3	11.6	5.6	6.2	5.6	5.1	0.000	0.000	0.000	0.000
14:45:00	12.8	12.5	10.7	11.7	5.8	6.1	5.6	5.2	0.000	0.000	0.000	0.000
15:00:00	12.9	12.0	15.3	13.3	5.8	5.9	5.9	5.6	0.000	0.000	0.000	0.000
15:15:00	12.5	11.8	12.5	11.4	5.6	5.8	5.5	5.7	0.000	0.000	0.000	0.000
15:30:00	12.1	11.2	11.8	10.9	5.6	5.7	5.4	6.0	0.000	0.000	0.000	0.000
15:45:00	11.6	11.4	12.6	11.8	5.4	5.8	5.6	6.5	0.000	0.000	0.000	0.000
16:00:00	12.5	11.6	12.0	12.0	5.7	5.8	5.7	5.6	0.000	0.000	0.000	0.000
16:15:00	13.0	11.7	11.6	10.9	5.8	5.8	5.6	5.6	0.000	0.000	0.000	0.000
16:30:00	12.1	11.0	10.8	10.7	5.4	5.5	5.3	5.2	0.000	0.000	0.000	0.000
16:45:00	12.9	10.8	10.4	11.0	5.5	5.4	5.3	5.0	0.000	0.000	0.000	0.000
17:00:00	13.4	10.3	10.3	10.3	5.4	4.8	5.0	4.9	0.000	0.000	0.000	0.000
17:15:00	11.0	9.5	10.8	10.4	4.5	4.5	4.6	4.5	0.000	0.000	0.000	0.000
17:30:00	10.8	9.3	9.2	10.8	4.4	4.3	4.5	4.2	0.000	0.000	0.000	0.000
17:45:00	10.5	9.3	10.1	8.8	4.3	4.3	4.0	4.1	0.000	0.000	0.000	0.000
18:00:00	13.2	9.4	9.4	8.9	5.0	4.3	4.1	4.1	0.000	0.000	0.000	0.000
18:15:00	11.4	9.5	9.6	9.0	4.7	4.5	4.2	4.2	0.000	0.000	0.000	0.000
18:30:00	12.8	9.6	29.0	9.1	4.9	4.4	4.3	5.7	0.000	0.000	0.000	0.000
18:45:00	11.1	9.2	10.6	10.3	4.6	4.4	4.4	4.3	0.000	0.000	0.000	0.000
19:00:00	11.0	9.7	9.4	9.1	4.8	4.6	4.3	4.2	0.000	0.000	0.000	0.000
19:15:00	10.9	9.9	10.7	9.6	4.8	4.6	4.3	4.3	0.000	0.000	0.000	0.000
19:30:00	10.4	9.5	10.7	9.2	4.7	4.6	4.3	4.4	0.000	0.000	0.000	0.000
19:45:00	14.4	9.3	9.0	11.0	5.0	4.5	4.6	4.3	0.000	0.000	0.000	0.000
20:00:00	9.8	9.5	8.9	10.0	4.5	4.5	4.4	4.2	0.000	0.003	0.000	0.015
20:15:00	10.1	9.5	15.9	27.3	4.5	4.6	7.3	5.0	0.000	0.006	0.000	0.036
20:30:00	14.2	10.0	20.6	19.3	6.0	4.8	6.3	6.2	0.022	0.010	0.000	0.052
20:45:00	17.3	12.6	20.4	42.1	6.8	5.6	10.4	6.7	0.120	0.015	0.030	0.072
21:00:00	183.1	14.6	20.8	29.3	32.9	6.8	8.4	7.0	0.177	0.022	0.099	0.111
21:15:00	67.0	15.8	17.0	16.0	15.5	7.5	7.5	5.7	0.214	0.023	0.186	0.106
21:30:00	17.5	15.2	16.0	15.1	7.7	7.5	7.3	6.1	0.212	0.023	0.217	0.107
21:45:00	23.0	14.9	25.4	37.4	8.7	7.3	10.9	7.0	0.210	0.022	0.223	0.106
22:00:00	27.1	14.0	20.2	20.3	9.5	7.0	8.0	6.8	0.207	0.021	0.233	0.106
22:15:00	62.6	14.3	14.4	15.5	14.9	7.1	7.3	6.5	0.209	0.019	0.236	0.104
22:30:00	29.1	15.1	15.4	35.1	9.6	7.4	10.8	6.7	0.207	0.018	0.234	0.097
22:45:00	20.8	17.1	15.7	22.8	8.1	7.6	8.6	6.8	0.202	0.016	0.229	0.087
23:00:00	36.3	18.1	19.5	24.8	10.1	7.8	9.1	7.6	0.198	0.014	0.224	0.080
23:15:00	15.0	20.1	17.0	41.8	7.2	8.1	12.6	7.1	0.186	0.013	0.215	0.068
23:30:00	14.7	18.3	23.5	40.8	7.1	7.8	12.6	8.4	0.176	0.011	0.203	0.061
23:45:00	13.9	19.0	17.2	51.0	7.0	8.0	14.9	7.3	0.168	0.010	0.191	0.050

