



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-06-01

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.112 to 5.324	2943 SE	3061 WSW	2996 W	2997 N	Min : 73.76 Max : 94.28	Min : 56.80 Max : 89.60	Min : 29.87 Max : 30.05

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	23.3	45.9	8.8	17.8	0.002	0.021
2996	20.0	41.0	8.7	17.4	0.001	0.014
2997	24.1	56.1	8.5	16.6	0.003	0.027
3061	20.5	40.9	8.0	15.9	0.000	0.005



Figure 1 : Monitoring Locations

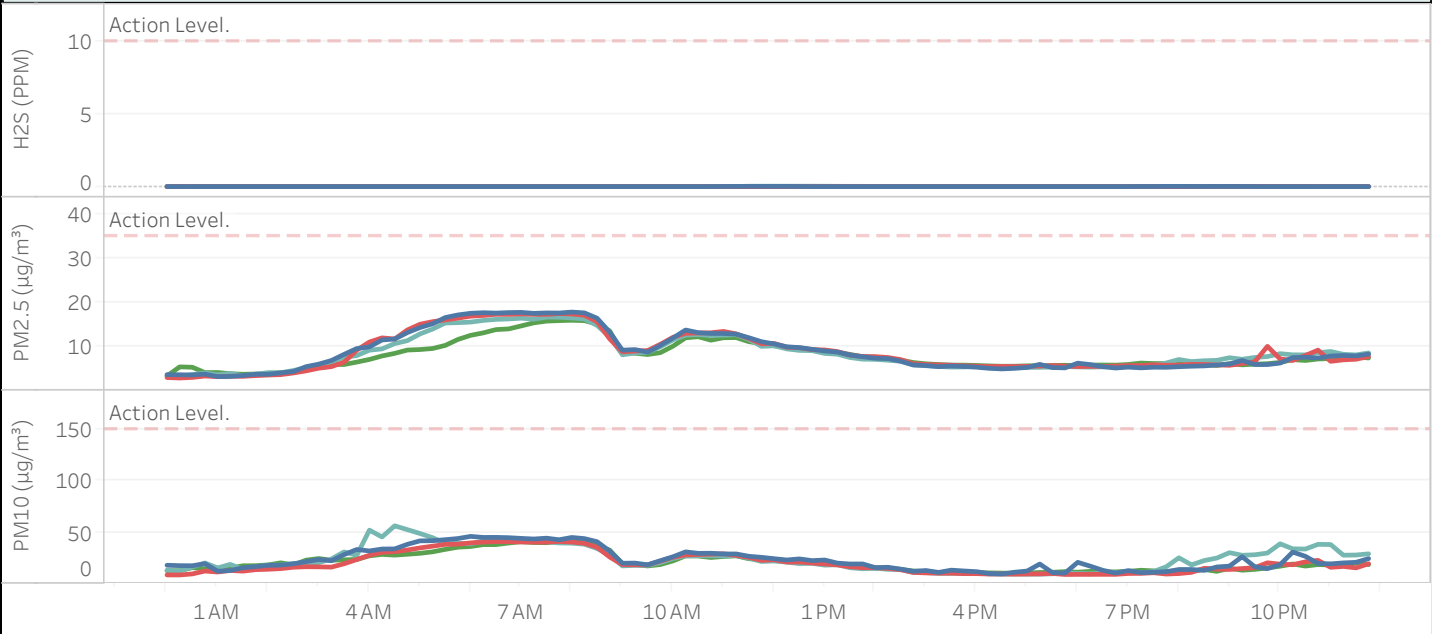


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

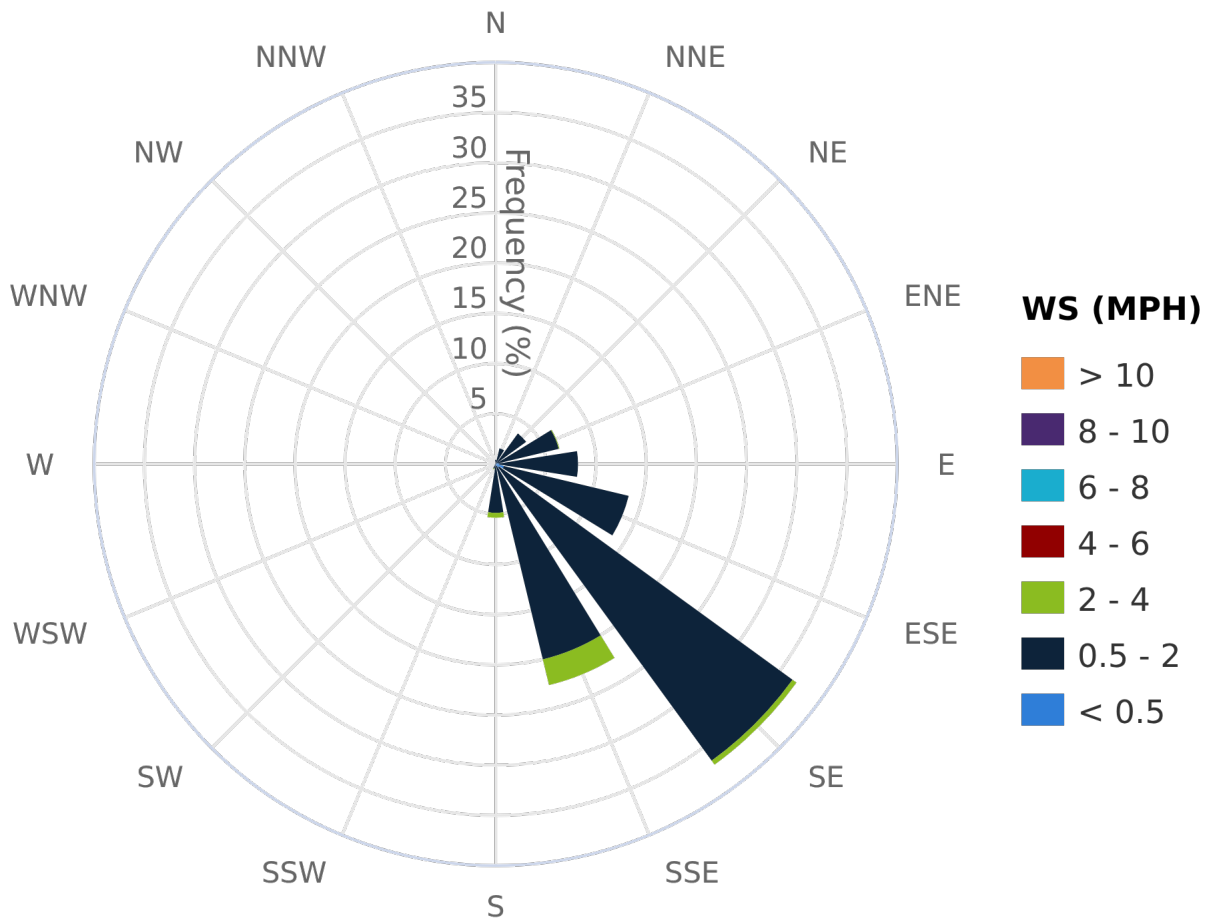


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

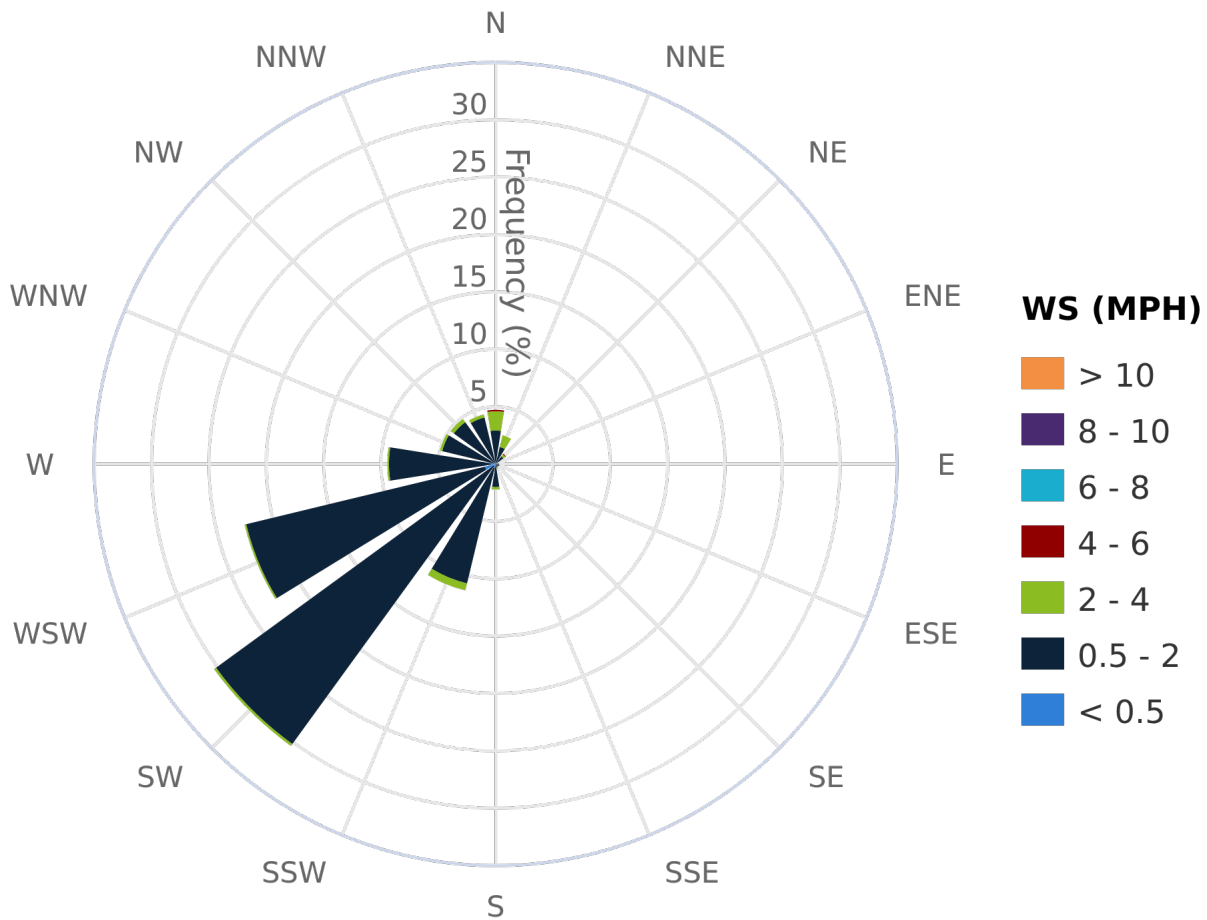


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

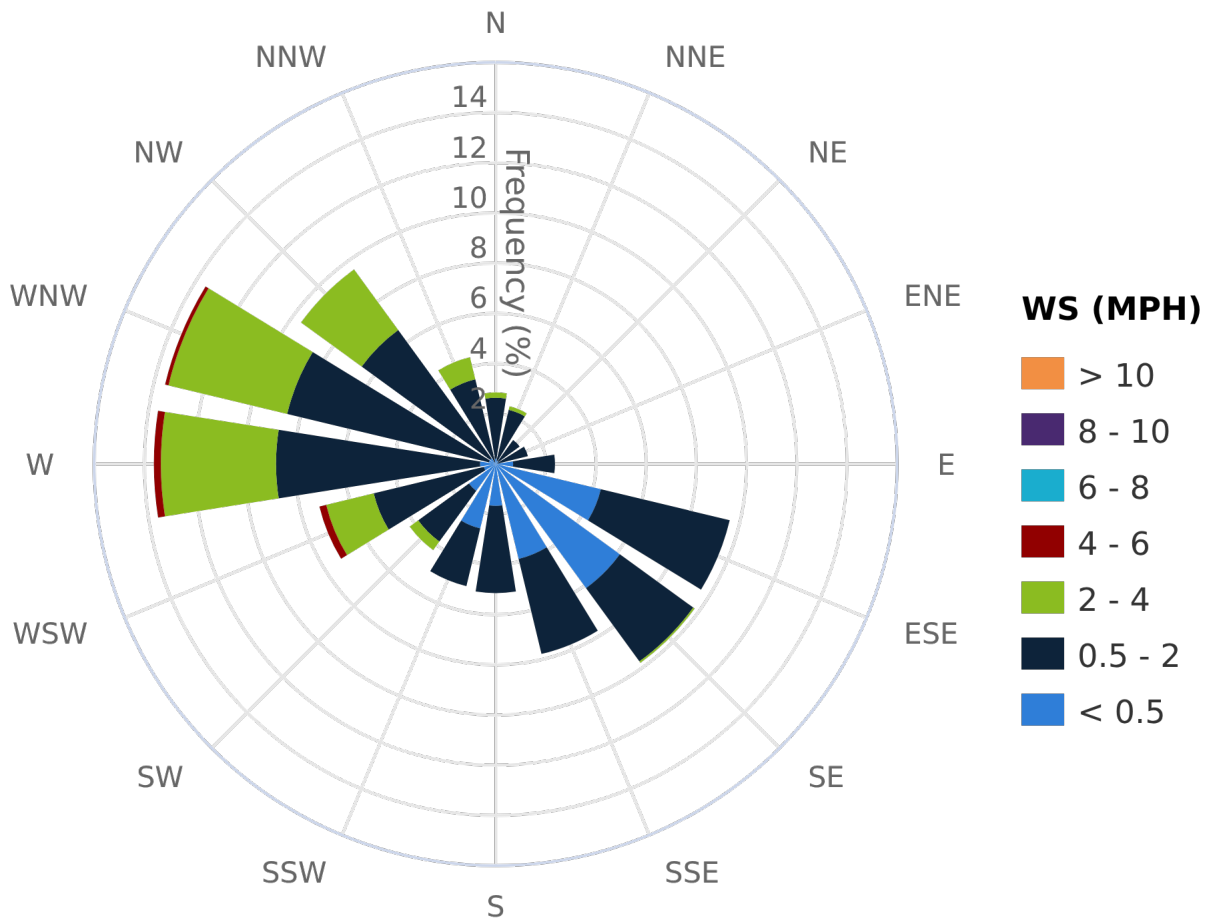


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

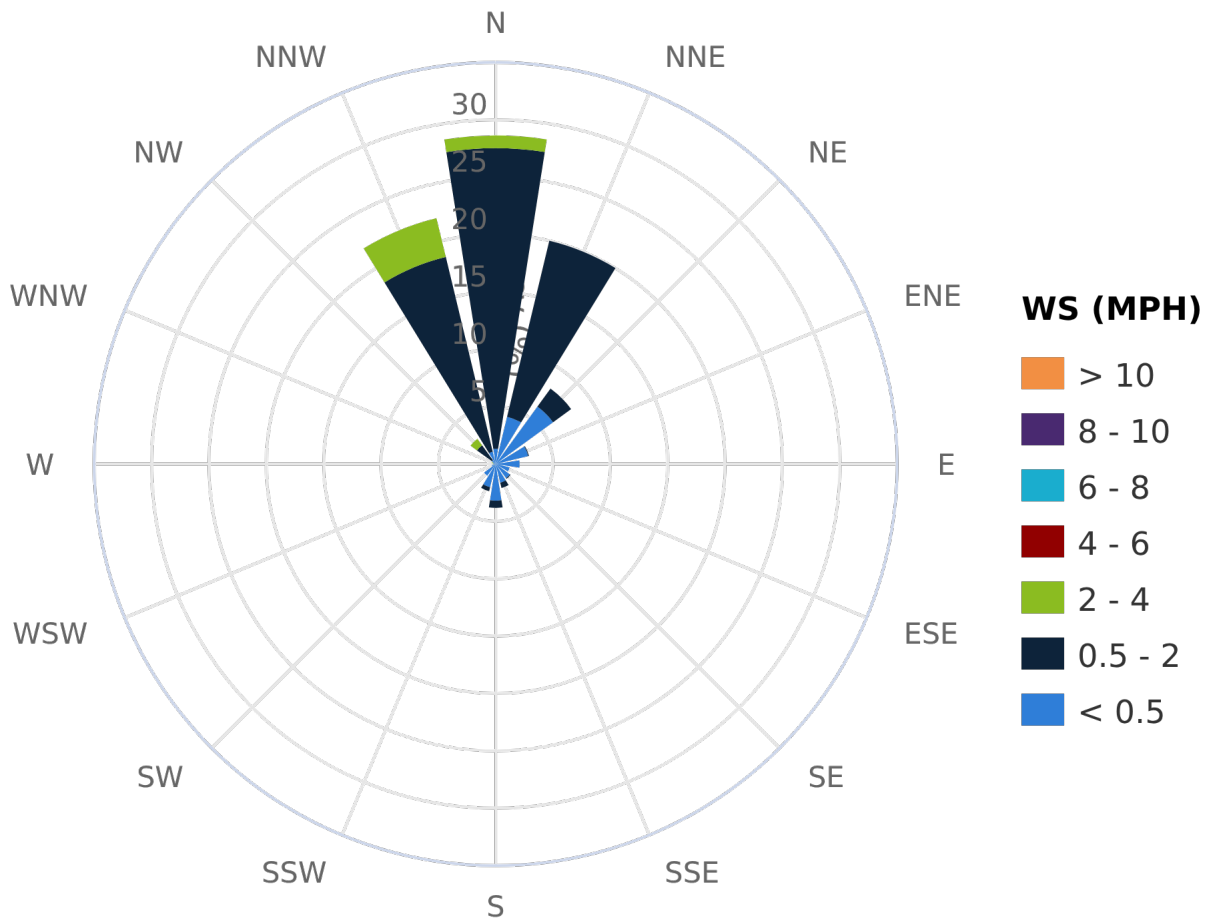


Figure 3 : Wind Rose Chart (WS in MPH)



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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	17.9	12.7	13.1	8.5	3.6	3.3	3.0	3.3	0.000	0.000	0.002	0.000
00:15:00	17.6	12.7	12.3	8.5	3.6	5.4	2.9	3.3	0.000	0.000	0.001	0.000
00:30:00	17.5	15.6	16.3	9.5	3.5	5.3	3.0	3.6	0.000	0.000	0.000	0.000
00:45:00	19.4	14.5	20.2	12.3	3.7	4.1	3.3	4.0	0.000	0.000	0.000	0.000
01:00:00	12.1	14.7	15.3	11.4	3.2	4.1	3.2	3.6	0.000	0.000	0.000	0.000
01:15:00	12.8	15.2	18.8	12.9	3.2	3.8	3.3	3.9	0.000	0.001	0.000	0.000
01:30:00	15.5	17.4	13.9	12.2	3.4	3.7	3.2	3.4	0.000	0.005	0.000	0.000
01:45:00	16.6	17.5	16.2	13.7	3.7	3.8	3.4	3.7	0.000	0.003	0.000	0.000
02:00:00	17.8	18.3	18.1	14.0	3.7	3.8	3.5	4.1	0.000	0.002	0.000	0.000
02:15:00	18.1	20.3	18.0	14.7	4.0	4.1	3.6	4.1	0.000	0.000	0.000	0.000
02:30:00	19.3	18.2	19.7	16.0	4.3	4.2	4.0	4.6	0.000	0.000	0.000	0.000
02:45:00	21.5	22.9	18.6	16.5	5.4	4.9	4.5	5.2	0.000	0.000	0.000	0.000
03:00:00	23.5	24.4	20.5	16.4	6.0	5.6	5.1	5.8	0.000	0.000	0.000	0.000
03:15:00	22.3	22.8	24.0	16.1	6.8	5.9	5.4	6.5	0.000	0.000	0.000	0.000
03:30:00	28.2	23.2	30.9	19.4	8.2	5.9	6.4	7.5	0.000	0.000	0.000	0.000
03:45:00	33.2	23.6	27.4	23.4	9.5	6.5	9.2	7.9	0.000	0.000	0.000	0.000
04:00:00	31.8	27.0	51.9	27.6	9.9	7.1	11.0	9.1	0.000	0.000	0.000	0.000
04:15:00	33.7	28.4	45.3	30.4	11.5	7.8	11.9	9.4	0.000	0.000	0.000	0.000
04:30:00	33.8	27.7	56.1	31.1	11.7	8.4	11.7	10.6	0.000	0.000	0.000	0.000
04:45:00	38.2	28.6	52.4	32.7	13.1	9.2	13.7	11.3	0.000	0.000	0.000	0.000
05:00:00	41.6	29.5	48.7	34.7	14.3	9.3	15.0	12.8	0.000	0.000	0.000	0.000
05:15:00	41.7	30.9	44.6	36.4	15.1	9.5	15.6	13.9	0.000	0.000	0.000	0.000
05:30:00	42.7	33.3	39.1	38.2	16.5	10.2	16.0	15.3	0.000	0.000	0.000	0.000
05:45:00	43.8	35.4	39.2	38.3	17.1	11.6	16.4	15.4	0.000	0.000	0.000	0.000
06:00:00	45.9	36.1	38.7	39.6	17.5	12.5	16.8	15.5	0.000	0.000	0.000	0.000
06:15:00	44.9	37.9	41.5	40.4	17.6	13.1	17.0	15.9	0.000	0.000	0.000	0.000
06:30:00	44.9	37.9	41.5	40.8	17.5	13.8	17.2	16.1	0.000	0.000	0.000	0.000
06:45:00	44.6	39.5	41.2	40.8	17.6	13.9	17.2	16.2	0.000	0.000	0.000	0.000
07:00:00	44.0	40.7	41.5	40.5	17.7	14.6	17.3	16.4	0.000	0.000	0.000	0.000
07:15:00	43.4	40.0	40.8	40.3	17.5	15.3	17.2	16.2	0.000	0.000	0.000	0.000
07:30:00	44.2	39.8	40.8	40.4	17.6	15.7	17.2	16.6	0.000	0.000	0.000	0.000
07:45:00	42.6	40.9	39.5	41.0	17.5	15.8	17.4	16.6	0.000	0.000	0.000	0.000
08:00:00	44.8	40.5	39.3	40.4	17.8	15.9	17.3	16.4	0.000	0.000	0.000	0.000
08:15:00	43.7	39.9	38.3	39.2	17.6	15.8	17.0	16.2	0.000	0.000	0.000	0.000
08:30:00	40.7	37.0	34.1	35.3	16.4	15.1	15.6	14.7	0.000	0.000	0.000	0.000
08:45:00	31.7	32.6	27.9	25.9	13.2	13.5	11.7	12.1	0.000	0.000	0.000	0.000
09:00:00	19.9	19.5	17.3	18.6	9.1	8.6	8.8	8.1	0.000	0.000	0.000	0.000
09:15:00	20.0	18.6	17.8	18.4	9.3	8.5	9.0	8.5	0.000	0.000	0.000	0.001
09:30:00	18.4	17.3	17.9	18.3	8.7	8.2	9.1	8.7	0.000	0.000	0.000	0.000
09:45:00	22.3	18.6	20.5	21.9	10.2	8.6	10.5	9.9	0.000	0.000	0.000	0.000
10:00:00	26.2	22.2	24.5	25.6	11.9	10.0	12.0	11.5	0.000	0.000	0.000	0.000
10:15:00	30.9	27.0	27.0	27.9	13.7	11.9	13.0	12.5	0.000	0.000	0.000	0.000
10:30:00	29.5	26.9	27.3	28.3	13.1	12.2	13.0	12.7	0.000	0.000	0.000	0.003
10:45:00	29.6	25.4	27.1	28.7	12.9	11.4	13.1	12.5	0.003	0.001	0.000	0.007
11:00:00	28.8	26.4	26.9	29.1	12.9	12.0	13.4	12.5	0.010	0.000	0.000	0.013
11:15:00	28.9	27.0	27.3	27.5	12.8	12.0	12.8	12.7	0.014	0.000	0.000	0.013
11:30:00	26.6	24.2	24.8	25.6	12.0	11.1	11.8	11.6	0.021	0.000	0.000	0.018
11:45:00	25.6	23.7	21.6	22.7	11.1	10.7	10.6	10.0	0.019	0.000	0.000	0.023



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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	24.3	22.5	22.1	23.2	10.6	10.1	10.7	10.1	0.017	0.000	0.000	0.027
12:15:00	23.1	21.7	20.9	21.0	9.9	9.7	9.8	9.4	0.015	0.000	0.000	0.027
12:30:00	24.1	21.2	19.5	21.1	9.7	9.6	9.7	9.1	0.008	0.000	0.000	0.026
12:45:00	22.4	20.6	19.8	20.1	9.3	9.2	9.3	9.0	0.000	0.000	0.000	0.027
13:00:00	23.0	20.0	18.0	19.2	9.0	9.0	9.2	8.4	0.000	0.000	0.000	0.025
13:15:00	20.0	18.7	18.4	18.2	8.7	8.7	8.8	8.2	0.000	0.000	0.000	0.020
13:30:00	19.2	17.9	15.5	16.5	8.0	8.2	8.0	7.5	0.000	0.000	0.000	0.018
13:45:00	19.2	15.9	14.5	15.6	7.7	7.7	7.7	7.1	0.000	0.000	0.000	0.018
14:00:00	15.6	15.1	15.0	15.5	7.3	7.5	7.7	7.1	0.000	0.000	0.000	0.016
14:15:00	16.0	15.1	14.0	14.9	7.2	7.2	7.5	6.9	0.000	0.000	0.000	0.011
14:30:00	14.2	14.0	13.8	13.6	6.7	6.9	7.0	6.6	0.000	0.000	0.000	0.011
14:45:00	12.1	12.3	11.0	11.0	5.8	6.4	6.1	5.8	0.000	0.000	0.000	0.010
15:00:00	12.8	11.8	10.8	10.5	5.7	6.1	5.9	5.6	0.000	0.000	0.000	0.004
15:15:00	11.0	10.8	10.1	10.2	5.4	5.9	5.8	5.5	0.000	0.000	0.000	0.001
15:30:00	13.2	10.5	10.2	10.3	5.6	5.8	5.8	5.3	0.000	0.000	0.000	0.002
15:45:00	12.4	11.3	9.9	9.8	5.5	5.8	5.6	5.4	0.000	0.000	0.000	0.002
16:00:00	11.7	10.7	11.1	9.8	5.3	5.7	5.5	5.5	0.000	0.000	0.000	0.002
16:15:00	9.9	10.6	9.5	9.4	5.0	5.6	5.5	5.2	0.000	0.000	0.000	0.000
16:30:00	9.6	10.4	9.3	9.5	4.9	5.5	5.5	5.1	0.000	0.000	0.000	0.000
16:45:00	11.2	10.0	9.4	9.3	5.0	5.5	5.4	5.2	0.000	0.000	0.000	0.000
17:00:00	12.3	10.5	9.3	9.5	5.2	5.6	5.5	5.2	0.000	0.000	0.000	0.000
17:15:00	19.1	10.9	9.3	9.6	5.9	5.6	5.6	5.3	0.000	0.000	0.000	0.000
17:30:00	10.8	11.1	9.7	10.0	5.2	5.7	5.7	5.3	0.000	0.000	0.000	0.000
17:45:00	10.4	11.8	10.3	9.0	5.1	5.7	5.6	5.4	0.000	0.000	0.000	0.000
18:00:00	20.8	11.2	10.0	9.1	6.2	5.6	5.4	5.4	0.000	0.000	0.000	0.000
18:15:00	17.0	12.1	9.6	9.1	5.9	5.8	5.5	5.3	0.000	0.000	0.000	0.001
18:30:00	13.0	11.4	10.4	9.1	5.4	5.8	5.5	5.4	0.000	0.000	0.000	0.000
18:45:00	10.3	11.6	10.8	9.1	5.1	5.8	5.5	5.5	0.000	0.000	0.000	0.003
19:00:00	12.8	12.0	10.9	10.0	5.3	5.9	5.7	5.5	0.002	0.001	0.000	0.002
19:15:00	10.8	13.1	10.7	10.1	5.1	6.2	5.7	5.4	0.009	0.002	0.000	0.002
19:30:00	11.1	12.5	11.8	10.7	5.3	6.1	5.8	5.7	0.007	0.002	0.000	0.002
19:45:00	11.7	11.8	16.5	9.4	5.3	6.1	5.7	6.3	0.016	0.002	0.000	0.001
20:00:00	13.8	11.3	25.1	9.9	5.4	6.0	5.8	7.0	0.016	0.002	0.000	0.000
20:15:00	13.8	12.4	18.3	11.1	5.5	6.0	5.9	6.6	0.012	0.002	0.000	0.000
20:30:00	13.0	13.8	22.5	15.0	5.6	5.9	5.9	6.8	0.010	0.002	0.005	0.001
20:45:00	16.3	12.1	24.9	14.2	5.8	5.7	5.8	6.8	0.013	0.002	0.010	0.000
21:00:00	17.1	15.0	30.1	13.9	6.0	6.1	5.7	7.4	0.011	0.002	0.014	0.000
21:15:00	26.2	13.1	27.6	14.8	6.8	5.8	6.1	7.1	0.009	0.002	0.012	0.000
21:30:00	16.5	14.0	28.1	15.6	5.9	6.0	6.5	7.5	0.004	0.002	0.013	0.000
21:45:00	14.6	15.3	29.7	20.3	5.9	6.1	10.0	7.7	0.000	0.001	0.007	0.000
22:00:00	18.5	17.0	38.7	19.0	6.2	6.4	7.2	8.4	0.000	0.001	0.003	0.000
22:15:00	30.7	19.1	33.8	18.5	7.5	7.0	6.8	8.1	0.000	0.002	0.002	0.000
22:30:00	26.6	17.1	33.6	21.2	7.5	6.8	7.9	8.1	0.000	0.001	0.002	0.000
22:45:00	19.6	18.6	38.2	22.7	7.4	7.2	9.2	8.6	0.000	0.000	0.000	0.000
23:00:00	19.3	18.2	38.0	15.9	7.8	7.2	6.6	8.8	0.000	0.000	0.000	0.000
23:15:00	20.2	17.9	27.7	16.8	8.0	7.2	7.0	8.2	0.000	0.000	0.000	0.000
23:30:00	20.8	20.1	27.8	15.4	7.8	7.6	7.1	8.1	0.000	0.000	0.000	0.000
23:45:00	24.4	18.5	29.0	19.4	8.2	7.4	7.7	8.5	0.000	0.000	0.000	0.000

