



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-28

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.18 to 16.44	2943 E	3061 N	2996 SSE	2997 NNE	Min : 56.84 Max : 89.06	Min : 48.60 Max : 87.70	Min : 30.08 Max : 30.46

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	33.2	195.8	12.2	30.6	0.002	0.049
2996	25.7	85.5	11.4	30.2	0.003	0.045
2997	21.0	50.0	11.6	25.6	0.001	0.013
3061	18.8	51.9	10.4	26.7	0.000	0.002



Figure 1 : Monitoring Locations

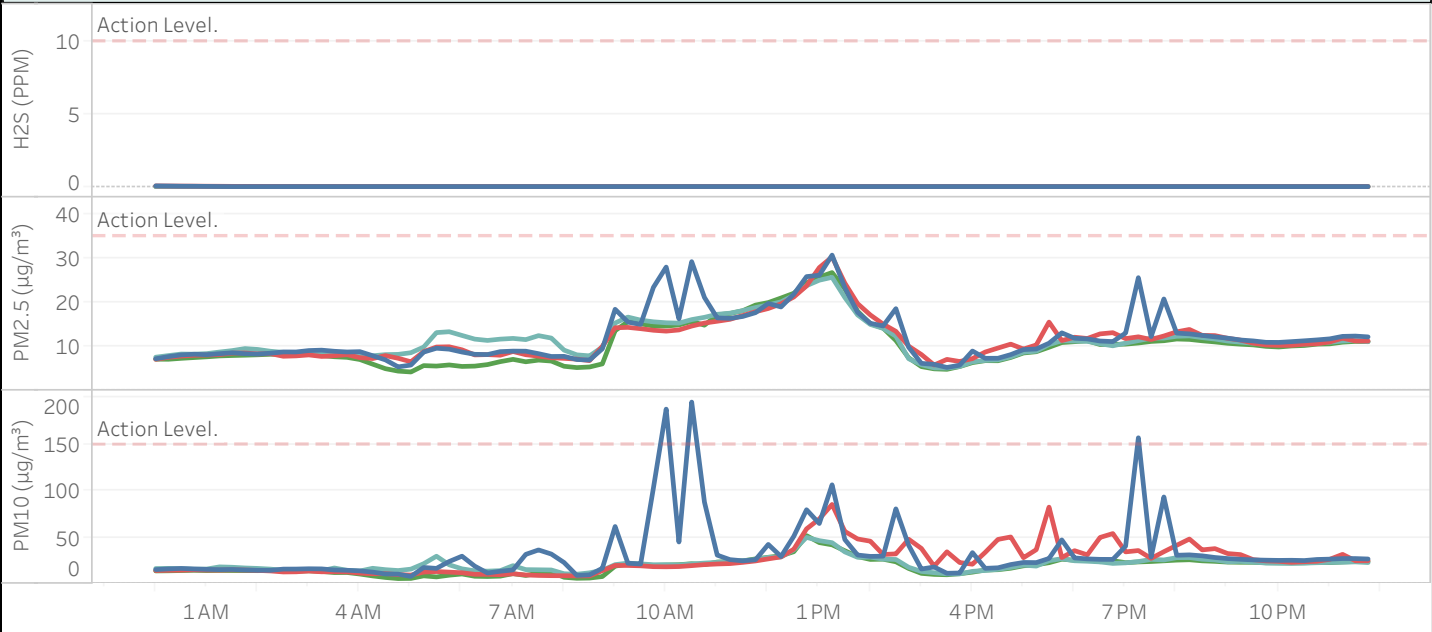


Figure 2 : 15 Minutes Average Concentrations ■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

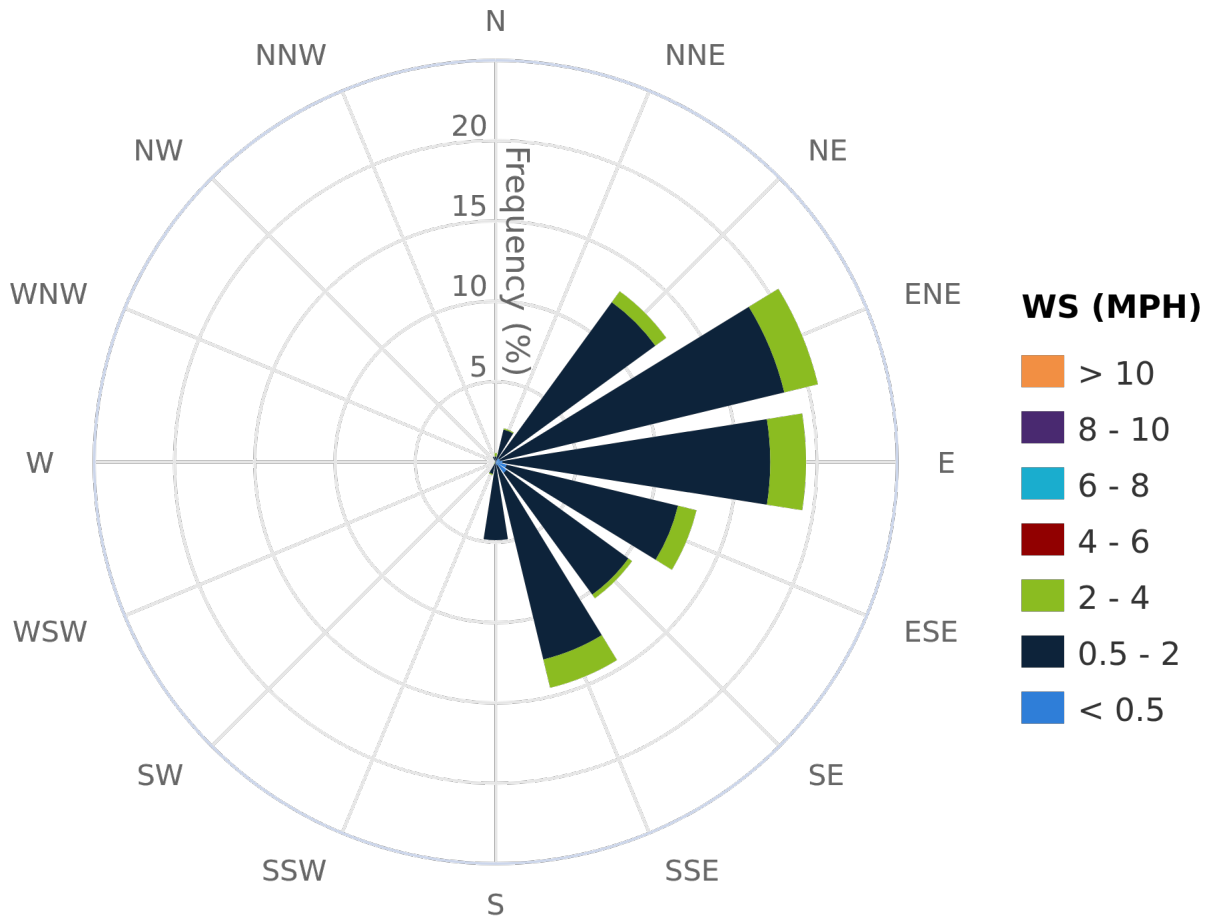


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

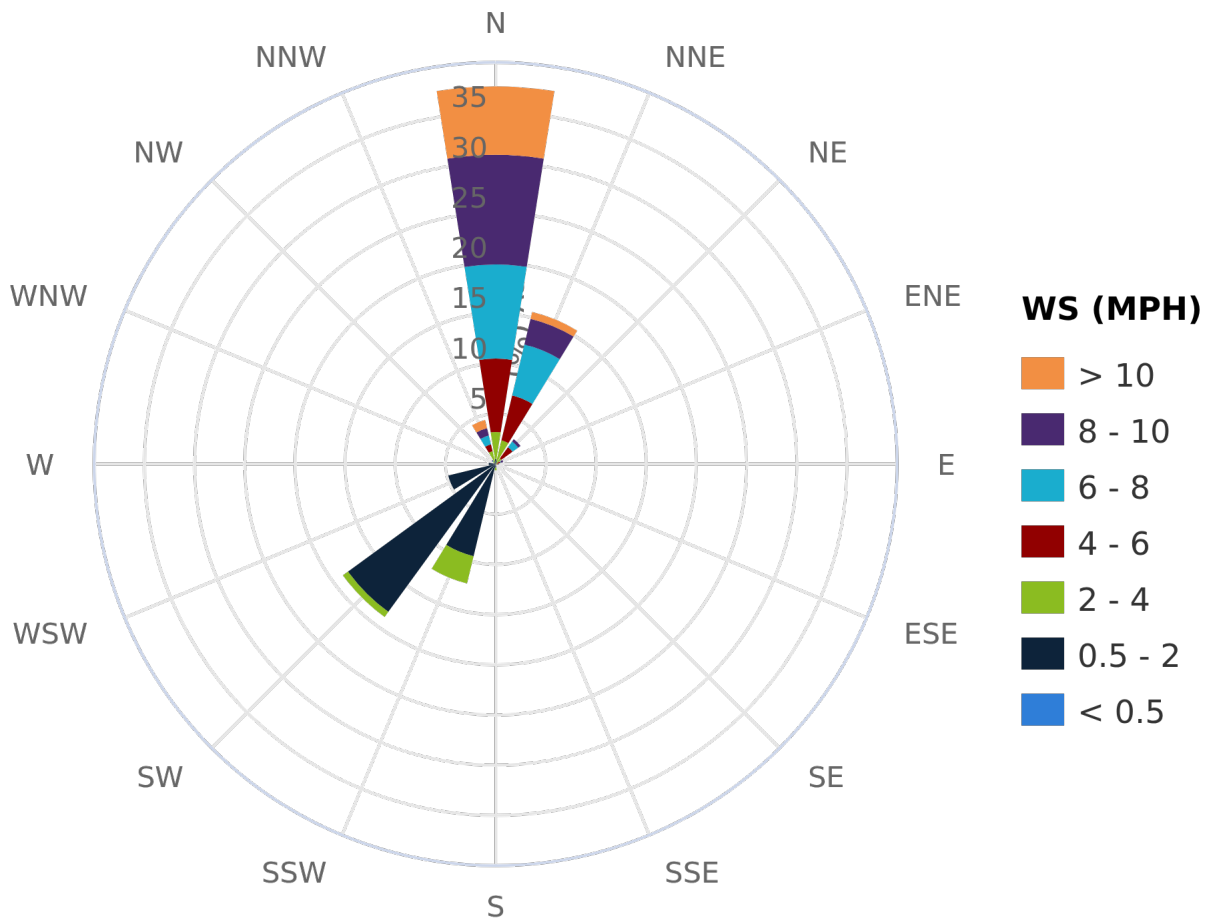


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

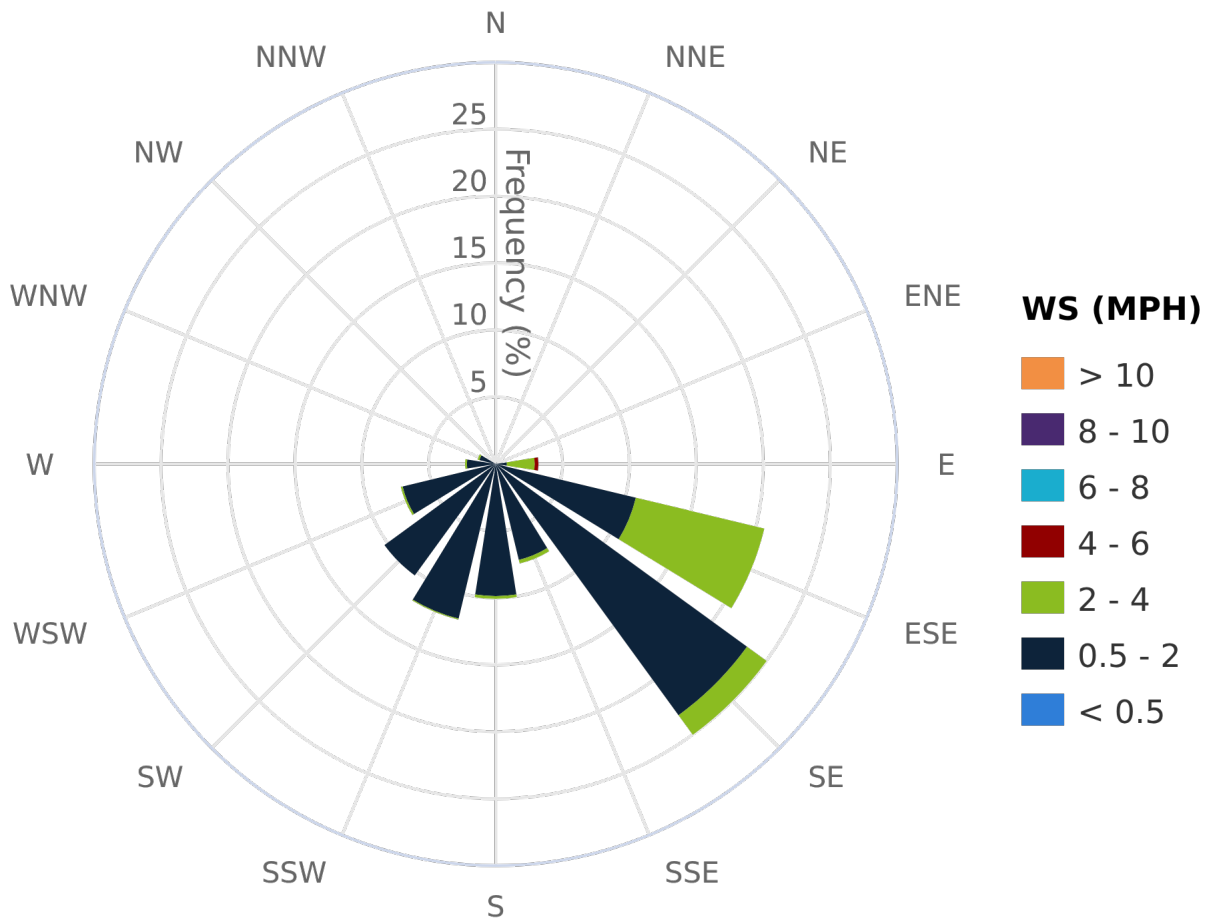


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

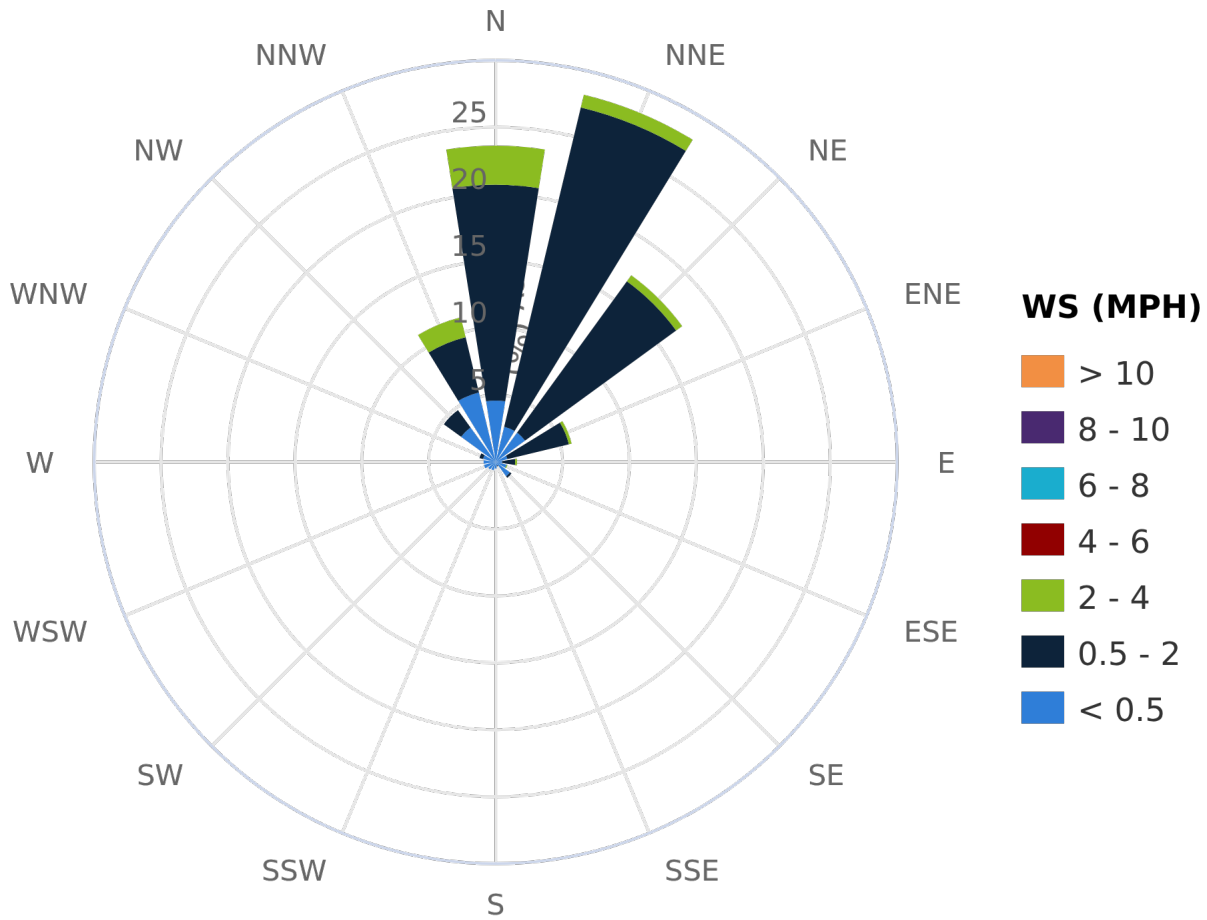


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.3	13.8	16.4	14.3	7.2	7.1	7.1	7.6	0.049	0.002	0.045	0.000
00:15:00	16.0	14.0	16.6	14.5	7.7	7.1	7.5	7.9	0.039	0.001	0.040	0.000
00:30:00	16.5	14.2	16.3	14.6	8.1	7.3	7.8	8.3	0.027	0.000	0.036	0.000
00:45:00	16.0	14.5	15.7	15.0	8.2	7.5	8.0	8.2	0.023	0.000	0.032	0.000
01:00:00	15.5	14.2	15.9	14.8	8.1	7.6	8.0	8.4	0.014	0.000	0.026	0.000
01:15:00	15.2	14.3	18.2	14.7	8.4	7.8	8.2	8.7	0.005	0.000	0.023	0.000
01:30:00	15.4	14.3	17.8	15.0	8.6	7.9	8.5	9.1	0.000	0.000	0.017	0.000
01:45:00	14.9	14.2	17.0	14.8	8.4	8.0	8.5	9.5	0.000	0.000	0.015	0.000
02:00:00	14.5	14.1	16.5	14.4	8.3	8.1	8.3	9.3	0.000	0.000	0.011	0.000
02:15:00	14.5	14.3	15.8	13.8	8.5	8.2	8.4	8.9	0.000	0.000	0.008	0.000
02:30:00	15.8	14.1	14.5	12.7	8.7	8.2	7.8	8.6	0.000	0.000	0.004	0.000
02:45:00	15.9	13.6	15.4	12.9	8.7	8.1	7.9	8.5	0.000	0.000	0.004	0.000
03:00:00	16.2	13.9	14.6	13.7	9.1	8.3	8.1	8.2	0.000	0.000	0.003	0.000
03:15:00	16.0	13.3	14.1	12.9	9.2	7.9	7.7	8.3	0.000	0.000	0.003	0.000
03:30:00	14.9	12.1	17.0	13.0	8.9	7.7	7.9	8.3	0.000	0.000	0.004	0.000
03:45:00	14.5	12.1	14.5	12.8	8.7	7.5	8.1	8.5	0.000	0.000	0.002	0.000
04:00:00	13.9	10.5	13.7	11.5	8.8	7.0	7.5	8.1	0.000	0.000	0.000	0.000
04:15:00	12.6	8.5	16.7	10.8	7.9	6.0	7.2	7.9	0.000	0.000	0.000	0.000
04:30:00	10.6	6.8	15.2	10.9	7.0	5.0	7.9	8.1	0.000	0.000	0.000	0.000
04:45:00	10.4	5.6	14.3	9.8	5.4	4.4	7.3	8.2	0.000	0.000	0.000	0.000
05:00:00	7.9	5.8	15.8	9.4	5.8	4.2	6.5	8.6	0.000	0.000	0.000	0.000
05:15:00	17.6	8.5	21.6	12.6	8.7	5.7	8.8	9.8	0.000	0.000	0.000	0.000
05:30:00	16.6	7.4	29.7	13.2	9.6	5.6	9.9	13.1	0.000	0.000	0.000	0.000
05:45:00	24.0	9.3	20.4	12.6	9.4	5.8	9.9	13.3	0.000	0.000	0.000	0.000
06:00:00	29.7	10.5	16.1	11.9	8.7	5.5	9.2	12.5	0.000	0.000	0.000	0.000
06:15:00	19.0	8.1	14.0	10.2	8.2	5.5	8.1	11.6	0.000	0.000	0.000	0.000
06:30:00	11.6	7.8	13.6	10.1	8.2	5.9	8.1	11.3	0.000	0.000	0.000	0.000
06:45:00	13.5	8.2	14.1	9.8	8.8	6.6	8.0	11.6	0.000	0.000	0.000	0.000
07:00:00	14.9	10.9	19.5	10.8	8.9	7.1	8.8	11.8	0.000	0.000	0.000	0.000
07:15:00	31.7	8.9	15.2	9.5	8.9	6.5	8.1	11.5	0.000	0.000	0.000	0.000
07:30:00	36.5	11.6	15.1	9.0	8.4	6.9	7.8	12.4	0.000	0.000	0.000	0.000
07:45:00	32.0	12.6	14.9	8.7	7.7	6.7	7.4	11.9	0.000	0.000	0.000	0.000
08:00:00	22.9	7.0	10.8	8.7	7.7	5.5	7.3	9.2	0.000	0.000	0.000	0.000
08:15:00	9.0	5.9	10.3	8.5	7.0	5.2	7.1	8.1	0.000	0.000	0.000	0.000
08:30:00	9.6	6.2	11.8	8.5	6.9	5.3	6.8	7.9	0.000	0.000	0.000	0.000
08:45:00	16.7	7.8	14.5	14.1	9.5	6.0	10.0	9.8	0.000	0.000	0.000	0.000
09:00:00	61.7	19.0	20.6	19.7	18.4	13.6	14.2	15.3	0.000	0.000	0.000	0.000
09:15:00	22.1	21.3	22.3	19.7	15.5	15.6	14.3	16.6	0.000	0.000	0.000	0.000
09:30:00	21.3	20.6	21.4	19.4	15.0	15.1	14.0	15.9	0.000	0.000	0.000	0.000
09:45:00	103.2	19.8	20.5	18.4	23.3	14.6	13.6	15.6	0.000	0.000	0.000	0.000
10:00:00	188.2	20.1	20.6	18.3	27.9	14.6	13.4	15.3	0.000	0.000	0.000	0.000
10:15:00	45.0	20.6	20.3	18.5	16.2	14.8	13.7	15.3	0.001	0.000	0.000	0.000
10:30:00	195.8	21.6	21.4	19.5	29.1	15.6	14.6	16.1	0.002	0.000	0.000	0.000
10:45:00	88.0	20.6	22.3	20.6	21.1	14.8	15.3	16.6	0.001	0.001	0.000	0.000
11:00:00	30.8	23.4	23.1	21.3	16.4	17.1	15.7	17.3	0.000	0.000	0.000	0.002
11:15:00	26.0	24.0	23.6	21.7	16.3	17.4	16.1	17.5	0.000	0.000	0.000	0.005
11:30:00	24.7	24.7	24.9	23.0	16.8	18.1	17.0	18.1	0.000	0.000	0.000	0.005
11:45:00	25.9	26.8	25.9	24.6	17.6	19.3	17.8	18.8	0.000	0.000	0.000	0.008



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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	42.4	28.5	28.5	26.8	19.7	19.9	18.6	19.4	0.000	0.000	0.000	0.006
12:15:00	29.4	30.1	28.9	29.0	18.9	20.9	19.6	20.1	0.000	0.000	0.000	0.004
12:30:00	51.2	34.5	36.5	37.2	21.8	22.0	21.2	21.5	0.000	0.000	0.000	0.000
12:45:00	79.8	51.9	50.0	59.1	25.8	24.4	23.7	23.7	0.000	0.000	0.000	0.000
13:00:00	64.9	44.4	46.5	69.9	26.1	25.7	27.8	25.0	0.000	0.000	0.000	0.000
13:15:00	106.6	42.0	44.3	85.5	30.6	26.7	30.2	25.6	0.000	0.000	0.000	0.000
13:30:00	47.7	35.6	34.3	56.4	23.3	23.0	24.3	21.0	0.000	0.000	0.000	0.000
13:45:00	31.0	29.3	28.5	48.3	17.7	18.0	19.7	17.1	0.000	0.000	0.000	0.000
14:00:00	29.5	26.2	28.7	45.9	15.2	15.1	17.1	15.0	0.000	0.000	0.000	0.006
14:15:00	29.7	26.5	26.6	31.5	14.6	14.1	15.0	14.1	0.000	0.001	0.000	0.011
14:30:00	80.7	23.7	26.2	32.2	18.5	11.3	13.4	12.3	0.000	0.001	0.000	0.013
14:45:00	41.5	16.5	17.8	48.0	9.8	7.4	10.1	7.2	0.000	0.000	0.000	0.012
15:00:00	15.9	11.2	13.3	38.1	6.2	5.4	8.2	5.9	0.000	0.000	0.000	0.009
15:15:00	18.1	10.1	11.9	18.9	5.9	4.9	5.8	5.1	0.000	0.000	0.000	0.006
15:30:00	11.3	9.7	10.7	34.4	5.2	4.8	7.1	5.1	0.001	0.000	0.000	0.004
15:45:00	11.6	10.8	10.7	22.9	5.8	5.4	6.6	5.5	0.000	0.000	0.000	0.002
16:00:00	33.6	12.5	13.4	21.1	9.0	6.3	7.2	6.5	0.001	0.000	0.000	0.001
16:15:00	16.6	14.8	14.3	33.8	7.3	6.8	8.7	6.8	0.001	0.000	0.000	0.000
16:30:00	17.2	15.1	15.6	47.8	7.3	6.8	9.6	6.9	0.001	0.000	0.000	0.001
16:45:00	20.7	16.7	17.7	50.4	8.1	7.5	10.5	7.6	0.001	0.000	0.000	0.001
17:00:00	23.0	19.4	20.1	28.1	9.3	8.5	9.4	8.7	0.000	0.000	0.000	0.003
17:15:00	22.8	20.5	19.0	36.7	9.4	8.8	10.3	8.9	0.000	0.000	0.000	0.001
17:30:00	27.3	22.7	24.8	82.6	10.7	9.8	15.5	10.4	0.000	0.000	0.000	0.000
17:45:00	47.3	26.5	27.0	28.3	13.1	10.9	11.3	11.3	0.000	0.000	0.000	0.001
18:00:00	27.8	25.4	24.8	35.6	11.8	11.1	12.1	11.2	0.000	0.000	0.000	0.000
18:15:00	26.8	25.9	24.3	31.1	11.7	11.3	11.8	11.1	0.000	0.000	0.000	0.000
18:30:00	26.3	23.7	23.6	49.9	11.2	10.4	12.8	10.6	0.000	0.000	0.000	0.000
18:45:00	26.3	24.8	21.9	54.1	11.1	10.4	13.1	10.1	0.000	0.000	0.000	0.000
19:00:00	40.5	22.7	22.5	34.4	13.0	10.5	11.8	10.7	0.000	0.000	0.000	0.000
19:15:00	157.3	23.5	23.9	35.8	25.5	10.8	12.2	11.3	0.000	0.000	0.000	0.000
19:30:00	28.8	24.0	26.3	27.3	12.2	11.1	11.5	11.8	0.000	0.000	0.000	0.000
19:45:00	93.5	24.7	25.7	34.6	20.7	11.3	12.4	11.9	0.000	0.000	0.000	0.000
20:00:00	30.7	25.5	28.1	41.4	13.0	11.7	13.3	12.3	0.000	0.000	0.000	0.000
20:15:00	31.2	25.9	28.2	48.2	12.8	11.6	13.8	12.4	0.000	0.000	0.000	0.000
20:30:00	30.1	24.7	26.4	36.5	12.5	11.3	12.5	12.0	0.000	0.000	0.000	0.000
20:45:00	28.3	24.2	25.7	37.9	12.2	11.0	12.4	11.7	0.000	0.000	0.000	0.000
21:00:00	27.1	23.3	23.7	32.6	11.9	10.7	11.8	11.2	0.000	0.000	0.000	0.001
21:15:00	26.4	23.2	24.1	31.4	11.4	10.5	11.4	10.9	0.000	0.000	0.000	0.000
21:30:00	25.7	23.1	23.3	26.0	11.2	10.3	10.7	10.7	0.000	0.000	0.000	0.000
21:45:00	25.4	22.6	22.3	24.7	10.9	10.0	10.3	10.4	0.000	0.000	0.000	0.000
22:00:00	25.2	22.6	22.1	24.2	10.9	9.9	10.2	10.4	0.000	0.000	0.000	0.000
22:15:00	25.3	22.5	21.9	23.1	11.1	10.1	10.2	10.6	0.000	0.000	0.000	0.000
22:30:00	25.0	22.6	22.2	23.7	11.3	10.2	10.5	10.5	0.000	0.000	0.000	0.000
22:45:00	26.2	23.0	22.7	24.3	11.5	10.5	10.6	10.7	0.000	0.000	0.000	0.000
23:00:00	26.5	22.8	23.0	26.4	11.7	10.6	11.0	10.9	0.000	0.000	0.000	0.000
23:15:00	27.2	23.5	23.2	31.7	12.3	11.0	11.9	11.2	0.000	0.000	0.000	0.000
23:30:00	27.2	24.0	23.6	24.8	12.3	11.1	11.2	11.3	0.000	0.000	0.000	0.000
23:45:00	26.7	24.0	22.8	24.8	12.1	11.1	11.2	11.1	0.000	0.000	0.000	0.000

