



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-27

Table 1 : Weather Summary

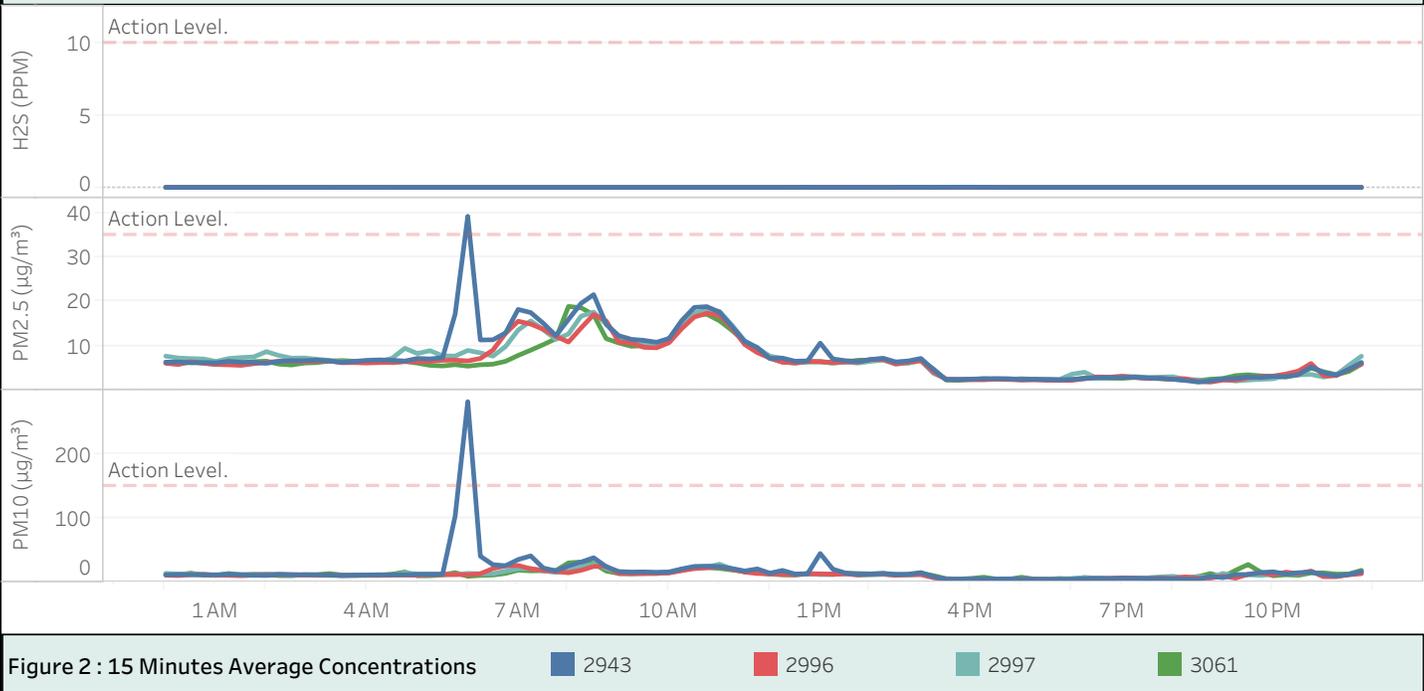
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.740	2943 SE	3061 SSW	2996 WSW	2997 WSW	Min : 53.60 Max : 83.30	Min : 57.60 Max : 90.80	Min : 29.46 Max : 114.4

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	17.9	280.8	7.7	39.3	0.001	0.017
2996	11.9	26.2	6.7	17.4	0.001	0.012
2997	12.3	28.1	7.1	18.0	0.002	0.018
3061	12.7	31.6	6.4	18.9	0.000	0.001



Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

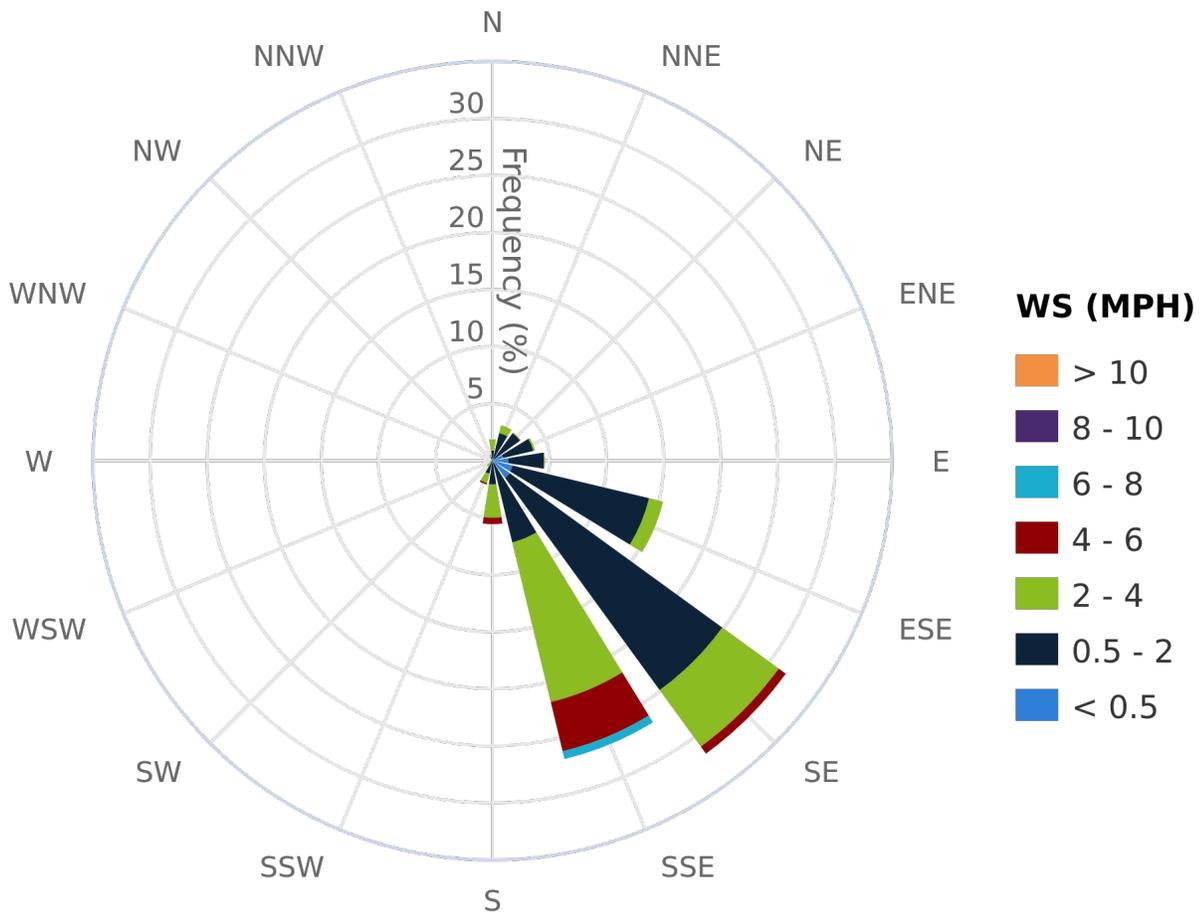


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

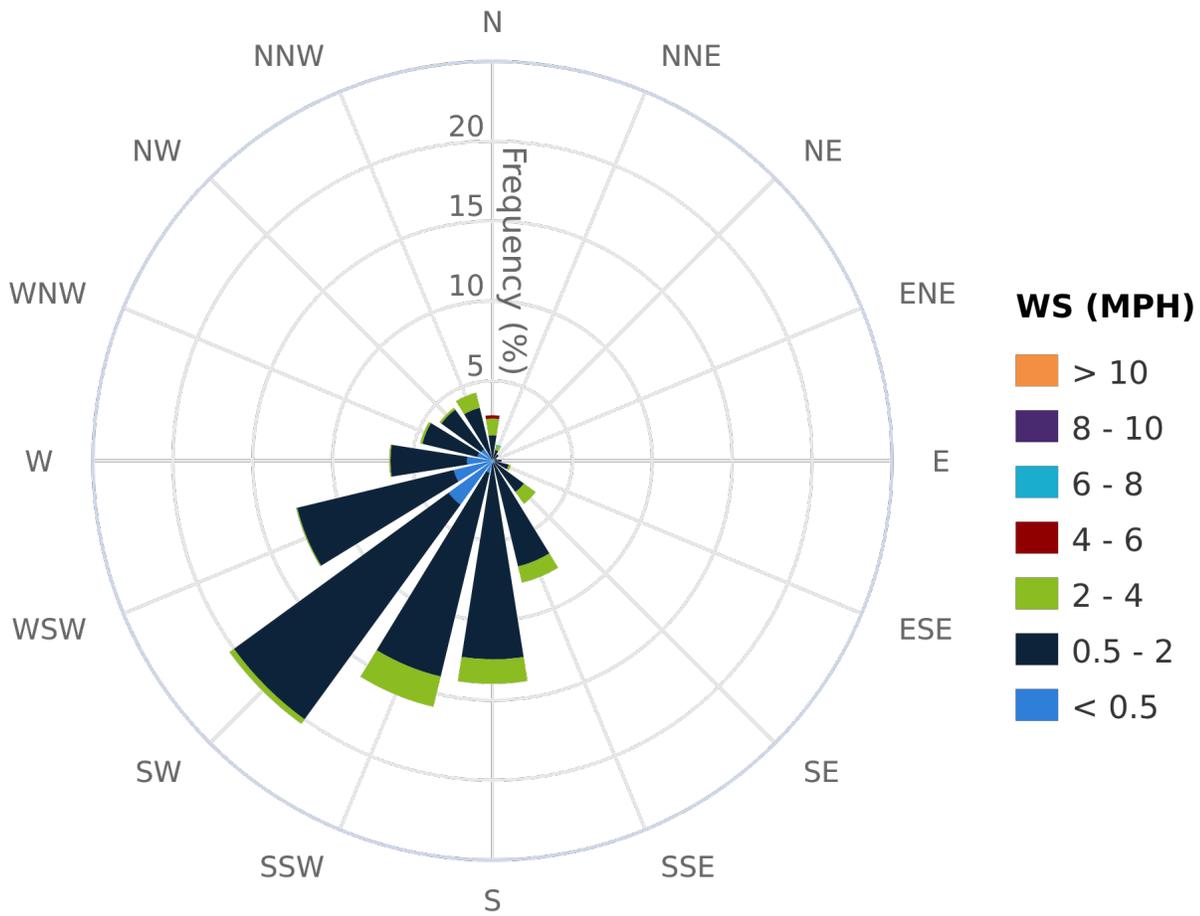


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2026-02-27

Wind Rose Chart 2996

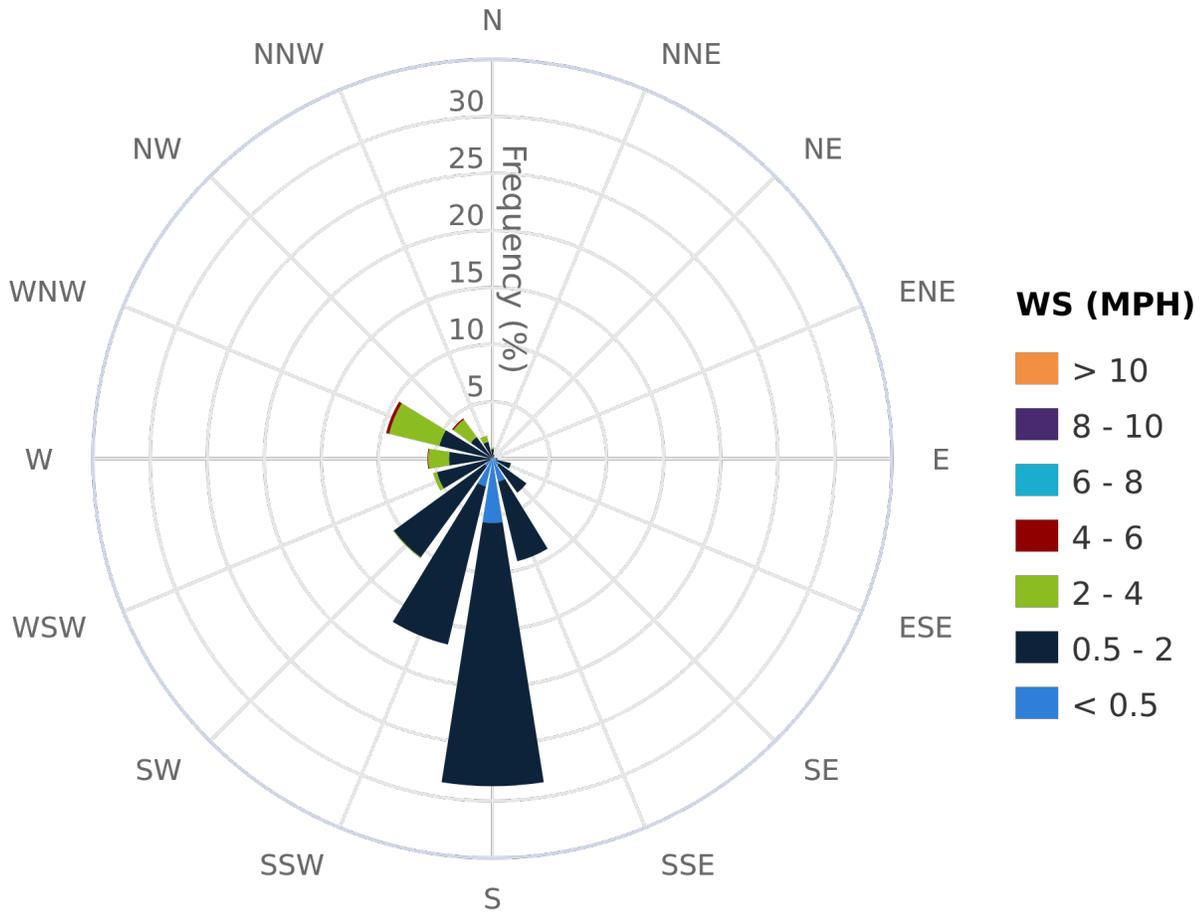


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

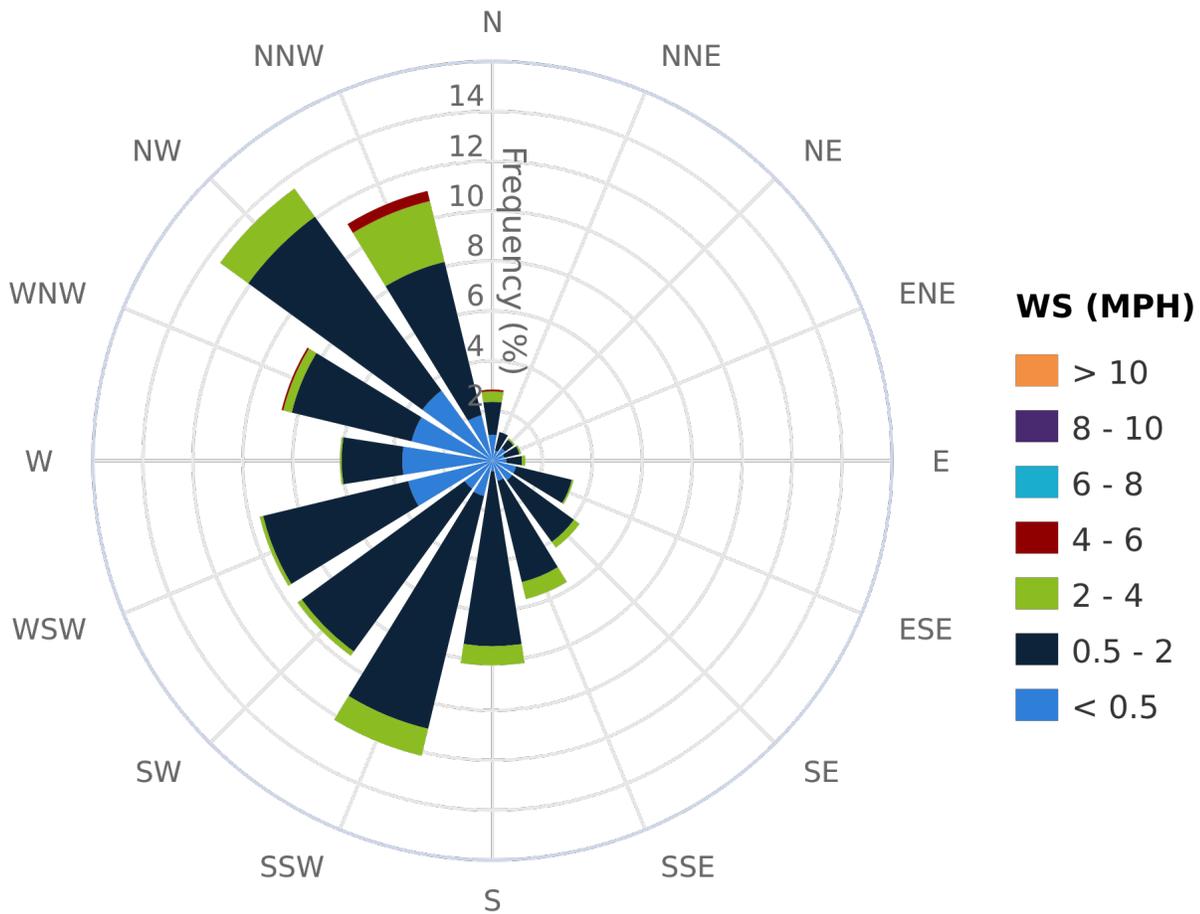


Figure 3 : Wind Rose Chart (WS in MPH)



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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	11.6	11.8	13.9	11.2	6.3	6.3	6.1	7.7	0.000	0.000	0.012	0.000
00:15:00	12.1	12.0	12.8	10.5	6.4	6.2	5.8	7.3	0.000	0.000	0.010	0.000
00:30:00	11.8	14.3	12.5	11.9	6.2	6.2	6.5	7.2	0.000	0.000	0.009	0.000
00:45:00	11.6	11.1	12.5	12.2	6.3	6.2	6.1	7.1	0.000	0.000	0.009	0.000
01:00:00	11.7	10.8	10.8	11.3	6.2	5.8	5.8	6.5	0.000	0.000	0.008	0.000
01:15:00	12.5	13.7	12.0	10.8	6.5	6.2	5.7	7.2	0.000	0.000	0.007	0.000
01:30:00	11.6	11.6	12.1	10.3	6.3	6.2	5.6	7.4	0.000	0.000	0.005	0.000
01:45:00	10.9	12.5	11.8	11.1	6.3	6.5	6.0	7.5	0.000	0.000	0.002	0.000
02:00:00	10.6	12.1	12.9	11.5	6.1	6.6	6.3	8.7	0.000	0.000	0.003	0.000
02:15:00	12.2	10.4	12.5	12.0	6.5	5.9	6.6	7.8	0.000	0.000	0.003	0.000
02:30:00	11.7	10.3	11.5	12.0	6.7	5.7	6.6	7.3	0.000	0.000	0.002	0.000
02:45:00	11.8	11.8	11.1	11.5	6.7	6.1	6.5	7.3	0.000	0.000	0.001	0.000
03:00:00	11.7	11.8	10.8	11.4	6.8	6.3	6.6	7.0	0.000	0.000	0.004	0.000
03:15:00	11.3	13.6	10.8	11.5	6.6	6.6	6.6	6.8	0.000	0.000	0.000	0.000
03:30:00	10.6	11.3	10.3	10.7	6.3	6.7	6.2	6.4	0.000	0.000	0.002	0.000
03:45:00	11.1	10.7	10.6	10.8	6.5	6.6	6.2	6.5	0.000	0.000	0.003	0.000
04:00:00	11.5	11.4	10.6	11.1	6.8	6.6	6.2	6.5	0.000	0.000	0.002	0.000
04:15:00	11.8	10.9	10.6	11.1	6.9	6.5	6.3	6.5	0.000	0.000	0.002	0.000
04:30:00	11.7	12.6	11.1	11.3	6.8	6.2	6.3	7.3	0.000	0.000	0.000	0.000
04:45:00	11.8	16.0	14.4	11.2	6.6	6.5	6.5	9.5	0.000	0.000	0.000	0.000
05:00:00	12.4	10.1	13.0	10.9	7.2	6.1	6.5	8.3	0.000	0.000	0.000	0.000
05:15:00	12.3	10.2	13.1	11.6	7.1	5.6	6.5	8.9	0.000	0.000	0.000	0.000
05:30:00	12.8	11.4	11.9	12.1	7.4	5.5	6.8	7.8	0.000	0.000	0.000	0.000
05:45:00	103.2	15.0	12.0	12.2	17.2	5.8	6.8	7.7	0.000	0.000	0.000	0.000
06:00:00	280.8	9.4	13.8	11.7	39.3	5.4	6.6	9.0	0.000	0.000	0.000	0.000
06:15:00	40.6	10.7	13.2	13.3	11.4	5.8	7.2	8.5	0.000	0.000	0.000	0.000
06:30:00	27.4	11.3	13.4	21.4	11.4	5.9	9.1	7.7	0.000	0.000	0.000	0.000
06:45:00	25.8	13.8	17.3	25.4	12.9	6.5	12.9	9.9	0.000	0.000	0.000	0.000
07:00:00	35.4	18.8	21.1	26.2	18.3	7.9	15.6	13.6	0.000	0.000	0.000	0.000
07:15:00	41.0	17.8	21.4	21.0	17.5	9.1	15.0	15.7	0.000	0.000	0.000	0.000
07:30:00	22.1	18.1	17.9	18.4	15.1	10.3	13.8	13.7	0.000	0.000	0.000	0.000
07:45:00	17.9	18.2	15.3	16.9	12.3	11.6	12.2	11.5	0.000	0.000	0.000	0.000
08:00:00	25.3	30.2	17.9	14.8	16.0	18.9	10.9	12.7	0.000	0.000	0.000	0.000
08:15:00	31.4	31.6	23.9	18.7	19.6	18.6	14.1	16.7	0.000	0.000	0.000	0.000
08:30:00	38.2	29.5	28.0	24.6	21.6	17.0	17.1	17.6	0.000	0.000	0.000	0.000
08:45:00	24.3	17.5	21.8	24.7	14.9	11.7	15.7	14.9	0.000	0.000	0.000	0.000
09:00:00	16.7	13.8	15.1	13.5	12.3	10.7	10.9	11.8	0.000	0.000	0.000	0.000
09:15:00	15.9	13.1	14.3	13.6	11.5	9.9	10.7	11.1	0.000	0.000	0.000	0.000
09:30:00	16.2	14.0	14.6	13.4	11.3	10.1	9.7	10.6	0.000	0.000	0.000	0.000
09:45:00	15.5	13.7	14.8	13.9	10.8	9.9	9.6	10.3	0.000	0.000	0.000	0.000
10:00:00	16.1	15.3	14.9	14.7	11.7	11.5	10.8	11.2	0.000	0.000	0.000	0.000
10:15:00	20.8	20.1	18.5	18.2	15.7	15.5	13.9	14.3	0.000	0.000	0.000	0.000
10:30:00	24.7	22.2	22.9	21.3	18.7	17.1	16.5	17.5	0.000	0.000	0.000	0.000
10:45:00	25.2	23.0	23.7	22.6	18.9	17.2	17.4	18.0	0.000	0.000	0.000	0.000
11:00:00	24.3	21.6	28.1	24.1	17.6	15.7	16.9	17.8	0.000	0.000	0.000	0.000
11:15:00	21.4	19.1	20.8	20.3	14.4	13.5	14.0	14.7	0.000	0.000	0.000	0.000
11:30:00	17.6	16.7	17.1	15.8	11.0	11.0	10.3	11.2	0.000	0.000	0.000	0.000
11:45:00	20.8	15.1	15.3	13.8	9.7	9.4	8.5	9.6	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	14.2	12.8	13.3	13.0	7.2	7.2	7.3	7.7	0.000	0.000	0.000	0.000
12:15:00	18.2	11.9	18.5	12.0	7.3	6.4	6.3	7.2	0.000	0.001	0.000	0.001
12:30:00	12.8	11.4	11.9	11.8	6.6	6.1	6.2	6.2	0.005	0.000	0.000	0.009
12:45:00	13.4	13.7	12.7	13.4	6.6	6.4	6.5	6.4	0.009	0.000	0.000	0.016
13:00:00	44.8	12.3	12.2	13.2	10.7	6.5	6.5	6.4	0.004	0.000	0.000	0.011
13:15:00	20.5	12.8	11.9	12.6	7.1	6.2	6.3	6.1	0.001	0.000	0.000	0.011
13:30:00	14.4	13.9	13.9	13.0	6.7	6.4	6.4	6.4	0.004	0.000	0.000	0.011
13:45:00	12.7	13.7	11.1	11.6	6.5	6.8	6.4	6.1	0.007	0.000	0.000	0.007
14:00:00	12.9	13.1	11.5	12.7	6.9	6.8	6.9	6.5	0.000	0.000	0.000	0.000
14:15:00	14.2	13.2	12.3	13.0	7.2	6.9	7.0	6.8	0.000	0.000	0.000	0.000
14:30:00	12.0	12.5	10.8	10.9	6.4	6.1	5.9	5.9	0.009	0.000	0.000	0.003
14:45:00	12.7	11.6	11.3	11.9	6.6	6.2	6.3	6.1	0.012	0.000	0.000	0.012
15:00:00	15.1	14.1	12.0	12.2	7.2	6.7	6.7	6.7	0.007	0.001	0.000	0.011
15:15:00	8.9	10.3	7.1	7.4	4.7	4.8	4.1	3.8	0.008	0.000	0.000	0.012
15:30:00	4.8	5.7	5.2	4.8	2.4	2.3	2.5	2.5	0.012	0.000	0.000	0.018
15:45:00	4.9	5.1	4.7	4.4	2.4	2.3	2.4	2.4	0.016	0.001	0.000	0.016
16:00:00	5.0	6.0	4.6	4.5	2.5	2.5	2.4	2.5	0.017	0.001	0.000	0.011
16:15:00	5.1	7.9	4.5	4.4	2.6	2.6	2.4	2.4	0.011	0.000	0.000	0.005
16:30:00	5.1	5.1	5.2	4.9	2.6	2.5	2.5	2.6	0.001	0.000	0.000	0.000
16:45:00	5.3	4.9	5.0	4.7	2.6	2.4	2.4	2.5	0.000	0.000	0.000	0.000
17:00:00	4.8	7.9	4.8	4.3	2.4	2.6	2.3	2.4	0.000	0.000	0.000	0.000
17:15:00	4.8	5.0	4.9	4.6	2.5	2.5	2.4	2.4	0.000	0.000	0.000	0.000
17:30:00	4.6	4.6	4.9	4.2	2.4	2.4	2.3	2.5	0.000	0.000	0.000	0.000
17:45:00	4.6	5.9	4.6	4.0	2.4	2.3	2.3	2.4	0.000	0.000	0.000	0.000
18:00:00	4.8	5.2	6.0	4.2	2.4	2.4	2.3	3.6	0.000	0.000	0.000	0.000
18:15:00	5.6	7.5	6.9	4.9	2.7	2.8	2.6	4.1	0.000	0.000	0.000	0.000
18:30:00	6.0	6.1	5.8	5.8	2.8	2.8	3.0	2.8	0.000	0.000	0.000	0.000
18:45:00	5.8	5.4	5.7	6.2	2.9	2.7	3.0	2.9	0.000	0.000	0.000	0.000
19:00:00	6.3	6.2	6.0	7.0	2.9	2.7	3.2	3.0	0.000	0.000	0.000	0.000
19:15:00	6.0	6.4	6.8	6.5	3.0	2.9	2.9	3.1	0.000	0.000	0.000	0.000
19:30:00	5.8	5.9	7.0	5.7	2.8	2.8	2.7	2.9	0.000	0.000	0.000	0.000
19:45:00	5.7	6.1	8.4	6.8	2.7	2.6	2.7	3.0	0.000	0.000	0.000	0.000
20:00:00	5.2	6.9	9.3	6.0	2.5	2.5	2.5	3.1	0.000	0.000	0.000	0.000
20:15:00	5.1	6.3	7.2	8.4	2.2	2.3	2.6	2.5	0.000	0.000	0.000	0.000
20:30:00	4.4	8.7	9.1	6.6	1.9	2.2	2.0	2.4	0.000	0.000	0.000	0.000
20:45:00	9.2	13.6	7.3	6.6	2.1	2.5	1.9	2.0	0.000	0.000	0.000	0.000
21:00:00	7.3	8.3	13.9	9.5	2.6	2.7	2.3	2.5	0.000	0.000	0.000	0.000
21:15:00	12.1	18.6	9.0	6.5	2.7	3.3	2.3	2.1	0.000	0.000	0.000	0.000
21:30:00	12.1	27.7	11.8	12.6	3.0	3.5	2.8	2.3	0.000	0.000	0.000	0.000
21:45:00	15.2	15.9	10.7	14.7	2.9	3.3	3.1	2.5	0.000	0.000	0.000	0.000
22:00:00	16.3	10.2	12.5	11.5	3.1	3.1	3.2	2.6	0.000	0.000	0.000	0.000
22:15:00	12.7	11.7	14.7	15.8	3.1	3.0	3.7	3.4	0.000	0.000	0.000	0.000
22:30:00	14.9	10.8	12.8	13.5	3.5	3.6	4.3	3.5	0.000	0.000	0.000	0.000
22:45:00	15.8	14.6	17.5	17.2	5.3	5.0	6.1	3.6	0.000	0.000	0.000	0.000
23:00:00	12.2	14.7	9.5	8.6	4.0	4.2	3.3	3.0	0.000	0.000	0.000	0.000
23:15:00	10.1	12.7	8.8	9.0	3.4	3.5	3.3	3.5	0.000	0.000	0.000	0.000
23:30:00	12.3	13.0	12.2	11.7	4.7	4.3	4.7	5.6	0.000	0.000	0.000	0.000
23:45:00	16.6	18.6	16.2	13.4	6.3	5.9	5.9	7.7	0.000	0.000	0.000	0.000



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Table 4 : Summary of Exceedances (greater than Action Level) -

Minute of 15-min intv	Avg. 2943 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 3061 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2996 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2997 - PM10 ($\mu\text{g}/\text{m}^3$)	Avg. 2943 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 3061 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2996 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2997 - PM2.5 ($\mu\text{g}/\text{m}^3$)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
06:00:00	280.8				39.3							