



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-03-31

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.158	2943 ESE	3061 NNW	2996 ESE	2997 ENE	Min : 58.10 Max : 96.98	Min : 36.70 Max : 90.70	Min : 30.12 Max : 30.39

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	40.5	487.1	16.2	71.2	0.013	0.087
2996	24.3	65.3	13.5	26.9	0.007	0.041
2997	21.7	64.1	12.3	27.5	0.004	0.031
3061	23.6	48.5	13.8	33.4	0.000	0.004



Figure 1 : Monitoring Locations

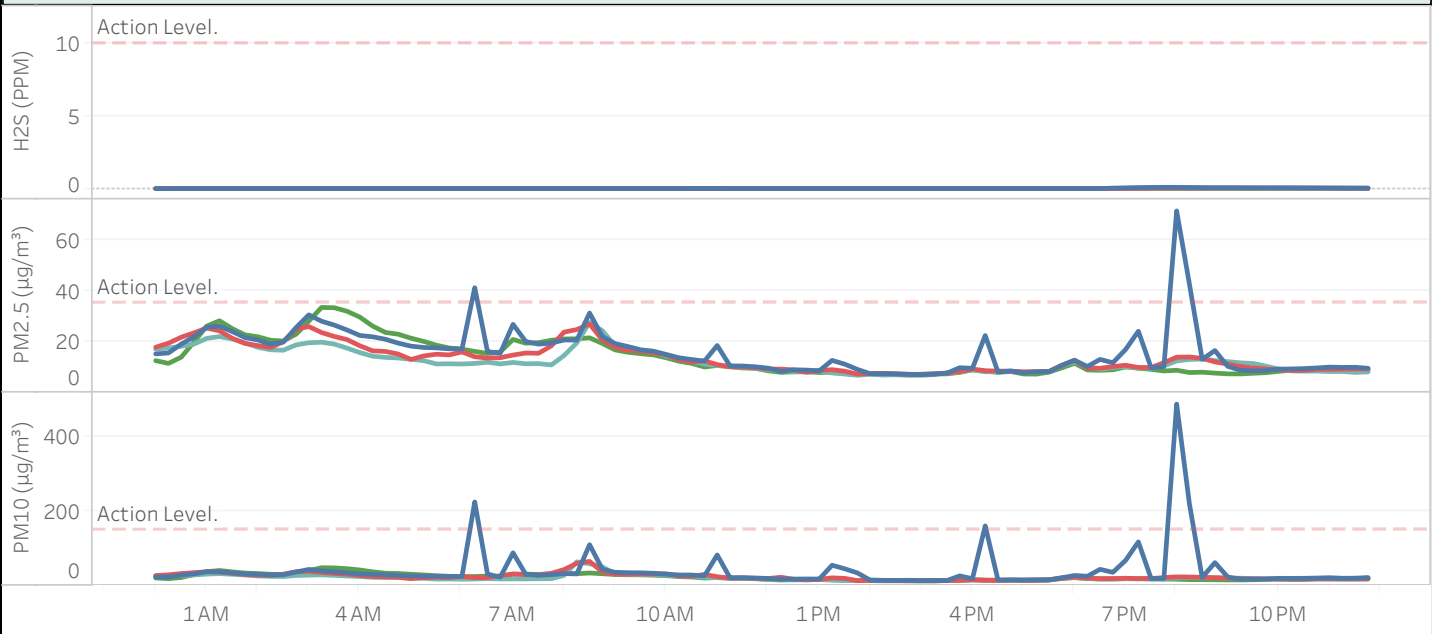


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

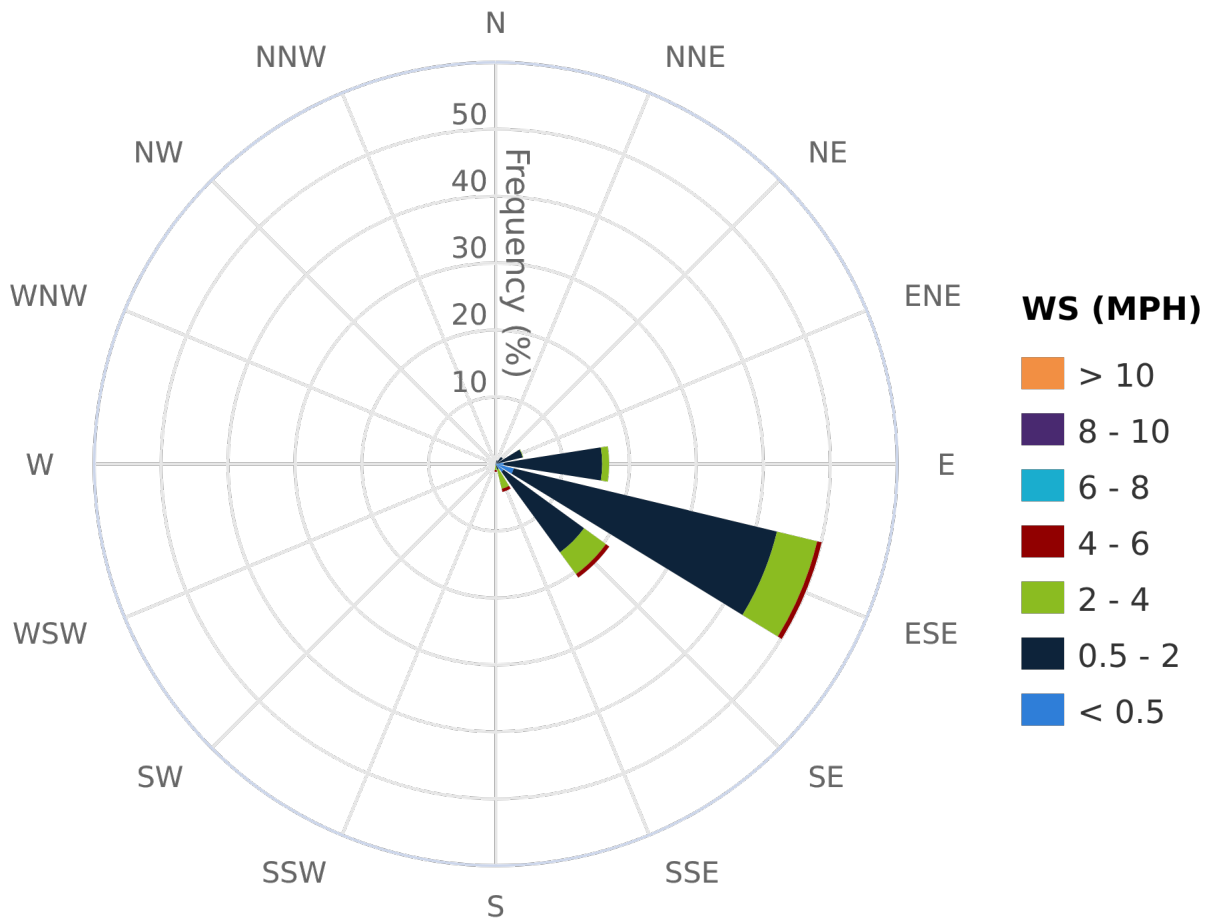


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

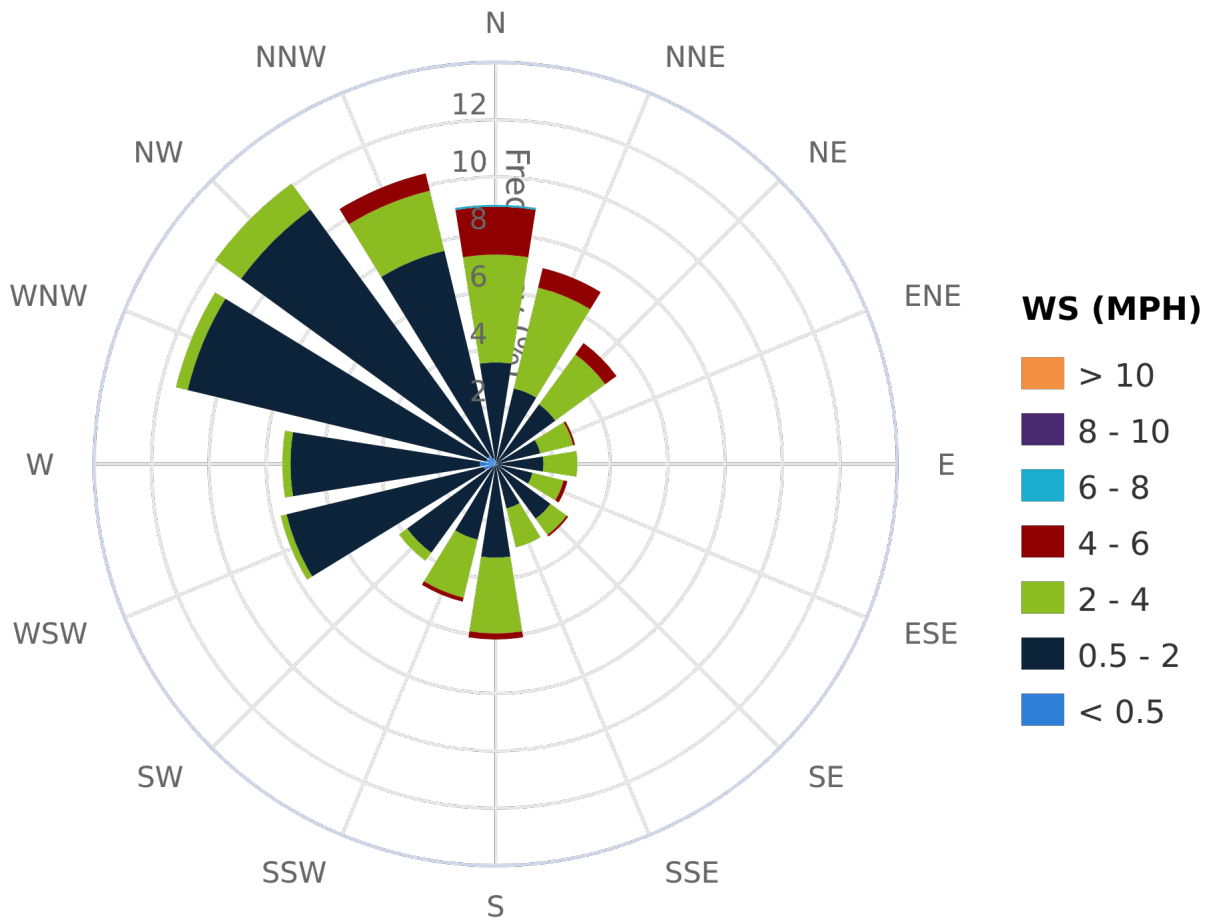


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

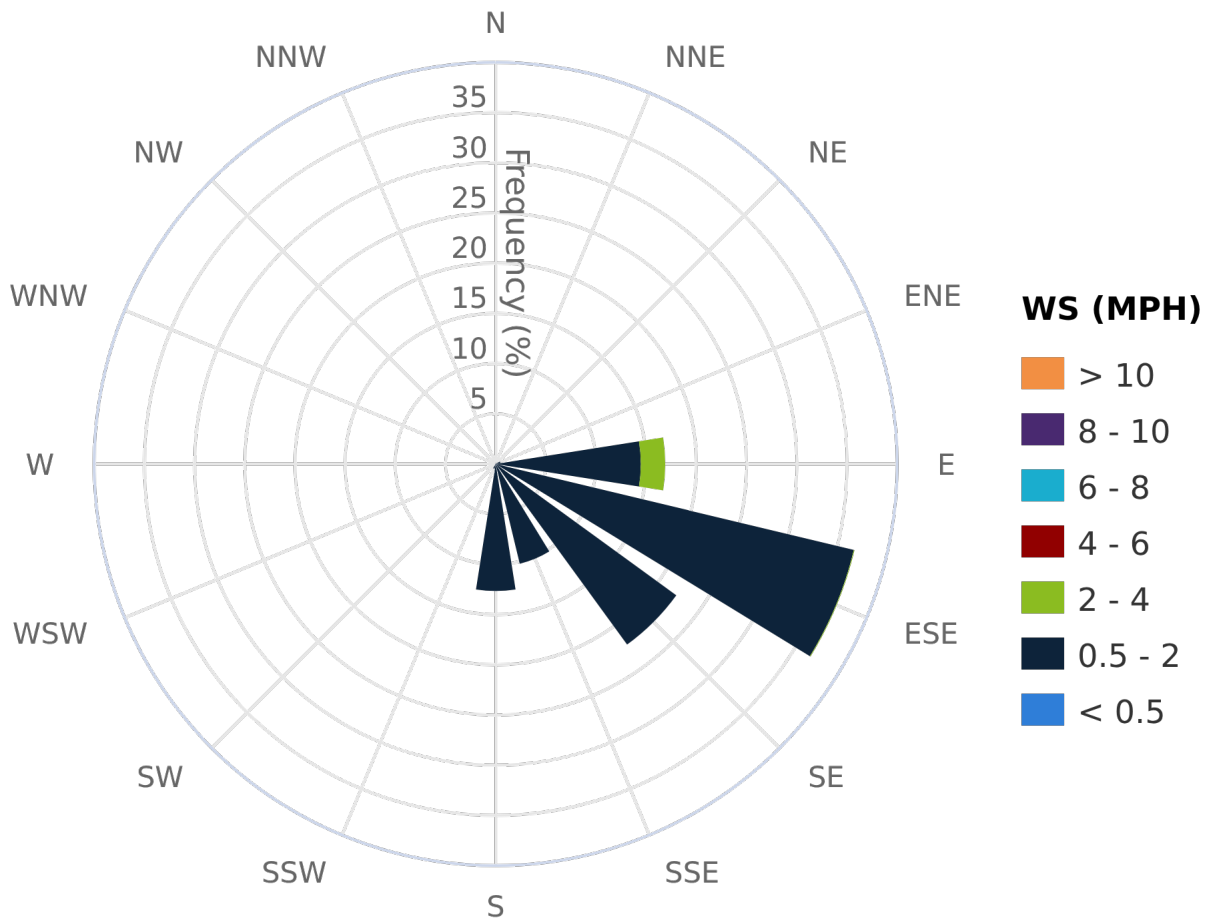


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

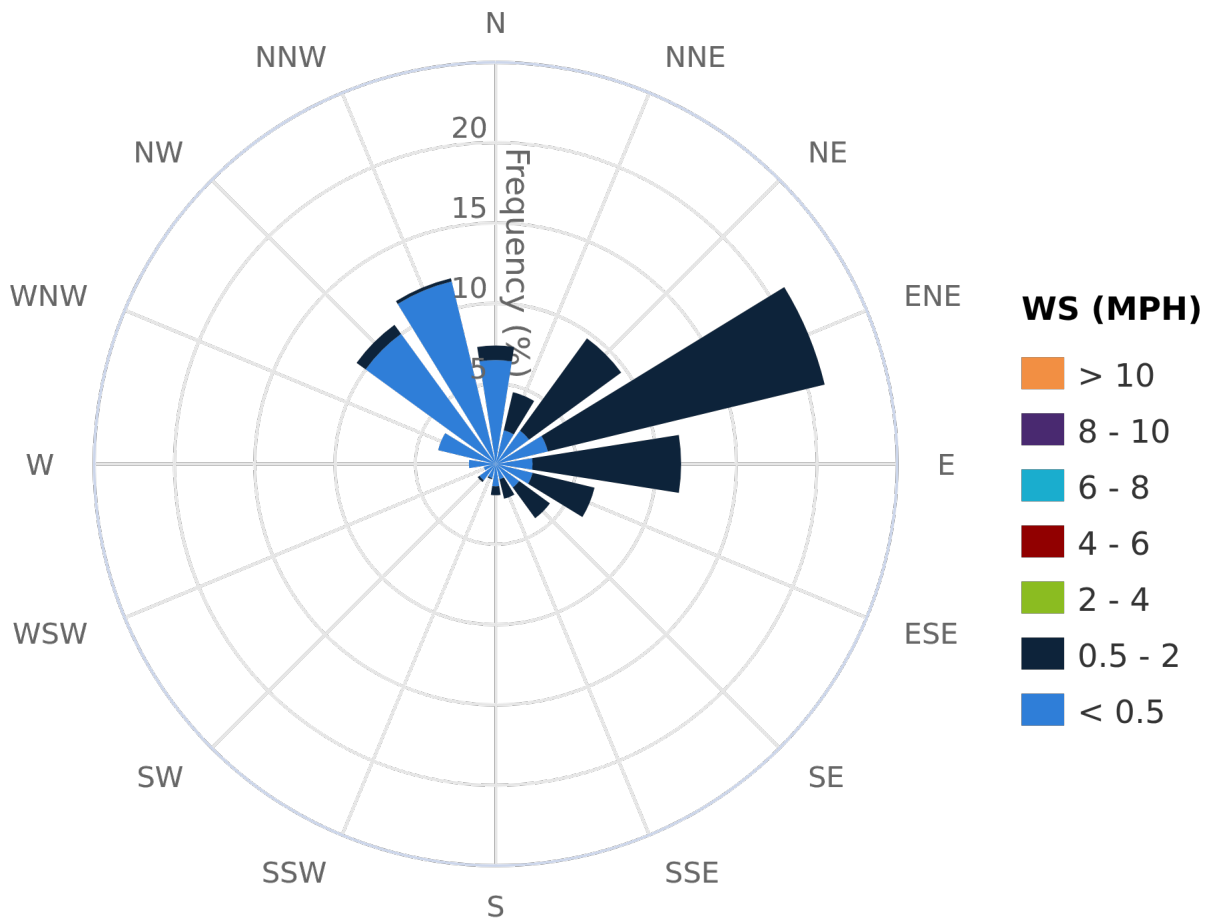


Figure 3 : Wind Rose Chart (WS in MPH)



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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	23.4	20.8	26.2	27.3	15.2	12.5	17.8	17.0	0.000	0.000	0.002	0.000
00:15:00	23.7	19.1	27.1	29.3	15.5	11.5	19.4	17.5	0.000	0.000	0.001	0.000
00:30:00	28.4	22.2	27.2	32.7	19.0	13.9	21.7	18.2	0.000	0.000	0.000	0.000
00:45:00	32.0	30.0	28.9	35.1	21.9	19.8	23.4	19.0	0.000	0.000	0.000	0.000
01:00:00	37.5	37.8	31.3	37.7	25.6	26.1	25.3	21.3	0.000	0.000	0.000	0.000
01:15:00	37.6	41.0	32.5	37.1	26.0	28.2	24.2	22.0	0.000	0.000	0.000	0.000
01:30:00	34.6	37.2	30.8	33.3	23.9	25.1	21.3	21.0	0.000	0.000	0.000	0.000
01:45:00	31.9	34.0	28.7	30.1	21.6	22.6	19.3	19.5	0.000	0.000	0.000	0.000
02:00:00	30.8	32.8	26.2	28.7	20.6	21.9	18.4	17.8	0.000	0.000	0.000	0.000
02:15:00	28.7	30.9	25.3	27.8	19.0	20.5	17.7	16.8	0.000	0.000	0.000	0.000
02:30:00	29.6	30.5	24.7	31.0	19.8	20.2	20.0	16.6	0.000	0.000	0.000	0.000
02:45:00	36.9	34.2	27.6	37.7	25.5	22.9	24.9	18.7	0.000	0.000	0.000	0.000
03:00:00	43.8	40.7	28.4	39.0	30.5	28.0	25.9	19.5	0.000	0.000	0.000	0.000
03:15:00	39.8	48.5	29.3	35.8	28.0	33.4	23.5	19.8	0.000	0.000	0.000	0.000
03:30:00	37.3	47.9	27.8	33.1	26.5	33.3	22.0	19.0	0.000	0.000	0.000	0.000
03:45:00	34.8	45.8	26.1	31.2	24.5	31.9	20.8	17.4	0.000	0.000	0.000	0.000
04:00:00	31.4	42.3	24.9	27.5	22.4	29.6	18.4	15.7	0.000	0.000	0.000	0.000
04:15:00	30.8	37.4	22.6	24.6	21.9	26.1	16.4	14.3	0.000	0.000	0.000	0.000
04:30:00	29.6	33.7	21.9	24.2	20.9	23.6	16.1	13.8	0.000	0.000	0.000	0.000
04:45:00	27.7	33.0	22.4	22.4	19.4	22.9	15.1	13.6	0.000	0.000	0.000	0.000
05:00:00	26.2	30.8	21.1	19.0	18.2	21.3	13.0	13.1	0.000	0.000	0.000	0.000
05:15:00	25.8	29.1	20.1	21.7	17.7	20.1	14.4	12.5	0.000	0.000	0.000	0.000
05:30:00	25.4	26.9	17.9	22.8	17.5	18.6	15.1	11.2	0.000	0.000	0.000	0.000
05:45:00	25.3	25.4	18.2	22.1	17.2	17.5	14.8	11.3	0.000	0.000	0.000	0.000
06:00:00	25.0	24.3	17.5	24.8	17.1	17.0	16.0	11.2	0.000	0.000	0.000	0.000
06:15:00	224.7	24.8	18.2	21.8	41.1	16.1	14.1	11.4	0.000	0.000	0.000	0.000
06:30:00	31.4	26.0	19.2	22.0	16.1	15.3	13.6	11.9	0.000	0.000	0.000	0.000
06:45:00	23.1	24.5	18.2	26.9	15.5	16.0	13.7	11.3	0.000	0.000	0.000	0.000
07:00:00	88.3	31.1	18.5	31.7	26.7	20.8	14.7	11.8	0.000	0.000	0.000	0.000
07:15:00	30.5	31.2	18.4	29.8	20.0	19.4	15.5	11.3	0.000	0.000	0.000	0.000
07:30:00	28.2	30.4	18.9	28.9	19.0	19.6	15.4	11.4	0.000	0.000	0.000	0.000
07:45:00	29.9	32.0	18.9	33.4	19.4	20.5	18.3	10.8	0.000	0.000	0.000	0.000
08:00:00	32.7	33.4	27.9	43.4	20.6	21.0	23.7	14.5	0.000	0.000	0.000	0.000
08:15:00	31.8	32.3	64.1	60.2	20.6	21.1	24.7	19.5	0.000	0.000	0.000	0.000
08:30:00	110.1	34.3	59.1	65.3	31.2	21.5	26.9	27.5	0.000	0.000	0.000	0.000
08:45:00	44.2	32.3	50.8	37.1	21.9	19.3	20.6	24.3	0.000	0.000	0.000	0.000
09:00:00	36.1	30.1	31.6	31.0	19.2	16.7	17.8	18.3	0.000	0.000	0.000	0.000
09:15:00	35.0	29.6	30.5	30.7	18.1	15.8	16.6	17.6	0.000	0.000	0.000	0.000
09:30:00	34.7	29.3	29.8	31.7	16.8	15.3	16.4	16.5	0.000	0.000	0.000	0.000
09:45:00	33.6	28.5	30.1	31.5	16.2	14.8	15.6	16.0	0.000	0.000	0.000	0.000
10:00:00	31.2	27.0	27.8	32.0	15.0	13.7	14.8	14.3	0.000	0.000	0.000	0.000
10:15:00	29.0	24.6	26.5	26.4	13.7	12.3	12.9	13.2	0.000	0.001	0.000	0.000
10:30:00	28.7	23.5	25.0	25.1	13.0	11.5	12.1	12.3	0.004	0.001	0.000	0.000
10:45:00	26.6	20.6	23.0	30.4	12.4	10.0	12.4	11.2	0.006	0.000	0.000	0.000
11:00:00	82.7	22.0	21.6	24.2	18.5	10.7	11.0	10.6	0.007	0.000	0.000	0.003
11:15:00	21.4	20.5	20.7	20.3	10.5	10.2	10.1	10.3	0.002	0.000	0.000	0.008
11:30:00	21.8	19.6	19.7	21.3	10.4	9.7	10.1	9.9	0.000	0.000	0.000	0.011
11:45:00	20.9	19.1	19.0	19.6	10.1	9.5	9.8	9.5	0.000	0.000	0.000	0.012



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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	19.6	16.8	17.4	19.5	9.6	8.5	9.3	9.0	0.000	0.000	0.000	0.010
12:15:00	17.5	15.5	17.2	22.8	8.3	8.0	9.2	8.6	0.000	0.000	0.000	0.007
12:30:00	18.0	16.3	15.8	17.4	9.0	8.1	8.9	8.2	0.000	0.000	0.000	0.000
12:45:00	18.3	16.4	16.6	15.6	8.8	8.1	8.0	8.4	0.000	0.000	0.000	0.000
13:00:00	18.1	16.4	16.8	17.2	8.6	7.9	8.7	8.5	0.000	0.000	0.000	0.000
13:15:00	55.1	16.0	15.4	21.2	12.6	8.0	9.0	7.7	0.000	0.000	0.000	0.000
13:30:00	45.4	14.8	14.0	19.8	11.1	7.5	8.4	7.3	0.000	0.000	0.000	0.000
13:45:00	34.2	14.1	13.5	13.7	9.1	7.1	7.2	6.8	0.000	0.000	0.000	0.000
14:00:00	14.8	15.3	13.7	14.5	7.4	7.4	7.5	7.2	0.000	0.000	0.000	0.000
14:15:00	14.6	14.6	13.1	14.5	7.4	7.3	7.6	6.9	0.000	0.000	0.000	0.000
14:30:00	14.3	14.5	13.2	14.3	7.3	7.3	7.4	7.0	0.000	0.000	0.000	0.000
14:45:00	14.7	14.0	12.7	13.9	7.2	7.1	7.2	6.7	0.000	0.000	0.000	0.000
15:00:00	13.8	13.8	12.6	13.4	7.0	7.2	7.1	6.8	0.000	0.000	0.000	0.000
15:15:00	14.2	13.7	12.8	13.3	7.3	7.4	7.3	7.1	0.000	0.000	0.000	0.000
15:30:00	14.0	13.7	14.0	13.9	7.6	7.3	7.7	7.7	0.000	0.000	0.000	0.000
15:45:00	26.5	14.7	14.2	14.7	9.8	7.9	8.3	8.0	0.000	0.000	0.000	0.000
16:00:00	19.0	16.1	15.6	16.0	9.5	8.9	9.2	9.0	0.000	0.000	0.000	0.000
16:15:00	160.7	15.1	14.7	14.8	22.4	8.4	8.6	8.2	0.000	0.000	0.000	0.000
16:30:00	15.5	14.6	14.6	14.7	8.1	7.9	8.4	8.3	0.000	0.000	0.000	0.000
16:45:00	16.0	15.1	14.6	15.0	8.5	8.3	8.4	8.2	0.000	0.000	0.000	0.000
17:00:00	15.9	13.9	14.6	14.6	7.8	7.3	8.1	8.0	0.000	0.000	0.000	0.000
17:15:00	16.3	14.3	14.8	14.9	8.2	7.2	8.2	8.2	0.000	0.000	0.000	0.000
17:30:00	16.2	15.5	15.4	15.7	8.2	8.0	8.3	8.2	0.000	0.000	0.000	0.000
17:45:00	21.4	19.2	21.4	20.6	10.7	9.7	10.8	10.6	0.000	0.000	0.000	0.000
18:00:00	27.6	21.9	21.7	23.1	12.7	11.5	12.6	12.0	0.000	0.000	0.000	0.000
18:15:00	25.4	19.1	19.9	20.8	10.2	8.9	9.6	10.2	0.000	0.000	0.000	0.000
18:30:00	44.1	18.6	17.8	19.0	13.0	8.8	9.5	9.1	0.001	0.000	0.000	0.003
18:45:00	36.0	18.3	18.0	19.2	11.7	8.9	10.2	9.8	0.034	0.001	0.002	0.011
19:00:00	68.0	19.0	19.2	20.2	16.9	10.1	10.7	10.2	0.053	0.002	0.012	0.016
19:15:00	117.6	18.6	19.7	19.2	24.1	9.6	9.9	9.7	0.070	0.004	0.022	0.020
19:30:00	19.3	18.7	17.8	19.4	9.8	9.1	9.8	9.6	0.080	0.004	0.033	0.027
19:45:00	19.7	17.8	18.6	21.9	10.2	8.5	11.7	10.5	0.087	0.004	0.041	0.031
20:00:00	487.1	17.6	21.2	23.9	71.2	8.8	13.9	12.4	0.086	0.004	0.041	0.029
20:15:00	219.6	16.5	22.3	23.5	42.6	7.9	14.0	13.0	0.077	0.004	0.035	0.026
20:30:00	22.4	16.5	21.7	22.7	13.1	8.0	13.4	13.2	0.068	0.003	0.037	0.021
20:45:00	62.1	16.1	21.6	21.4	16.5	7.6	12.0	12.6	0.062	0.003	0.040	0.020
21:00:00	23.5	15.7	21.1	20.4	10.3	7.4	11.2	12.2	0.063	0.002	0.040	0.019
21:15:00	17.6	15.7	20.2	18.9	8.8	7.3	10.2	11.7	0.061	0.002	0.040	0.019
21:30:00	17.7	16.2	19.5	18.4	8.6	7.6	9.7	11.4	0.055	0.002	0.041	0.016
21:45:00	18.0	17.3	18.2	18.5	8.7	7.8	9.3	10.4	0.054	0.003	0.039	0.015
22:00:00	20.0	18.6	17.0	18.6	9.2	8.3	9.0	9.3	0.056	0.001	0.039	0.012
22:15:00	19.8	19.0	16.4	17.9	9.3	8.8	8.7	8.5	0.055	0.001	0.038	0.009
22:30:00	20.0	19.8	16.3	18.2	9.4	9.2	8.7	8.4	0.052	0.001	0.036	0.008
22:45:00	20.8	19.9	17.6	19.0	9.7	9.3	9.1	8.4	0.048	0.002	0.034	0.006
23:00:00	21.7	19.3	17.2	19.3	10.0	9.2	9.2	8.3	0.044	0.001	0.032	0.005
23:15:00	20.2	19.6	17.2	19.0	9.9	9.3	9.2	8.3	0.042	0.000	0.031	0.003
23:30:00	20.4	19.1	17.3	18.7	9.9	9.1	9.3	7.9	0.037	0.000	0.029	0.001
23:45:00	21.9	20.7	18.4	18.2	9.5	8.9	9.3	8.1	0.033	0.000	0.029	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)
06:15:00	224.7				41.1							
16:15:00	160.7											
20:00:00	487.1				71.2							
20:15:00	219.6				42.6							