



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-17

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 10.38	2943 ESE	2693 NNE	2996 SE	2997 NW	Min : 59.18 Max : 90.86	Min : 41.90 Max : 93.00	Min : 29.93 Max : 30.15

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m³		PM2.5 : 35 µg/m³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m³)	Max. PM10-15-min Avg (µg/m³)	Avg. PM2.5 Daily (µg/m³)	Max. PM2.5-15-min Avg (µg/m³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	6.8	12.0	3.3	8.1	0.000	0.001
2943	15.6	155.4	4.7	18.7	-0.051	0.038
2996	8.9	13.5	3.7	7.0	0.000	0.006
2997	11.0	41.6	4.2	11.2	0.002	0.060



Figure 1 : Monitoring Locations

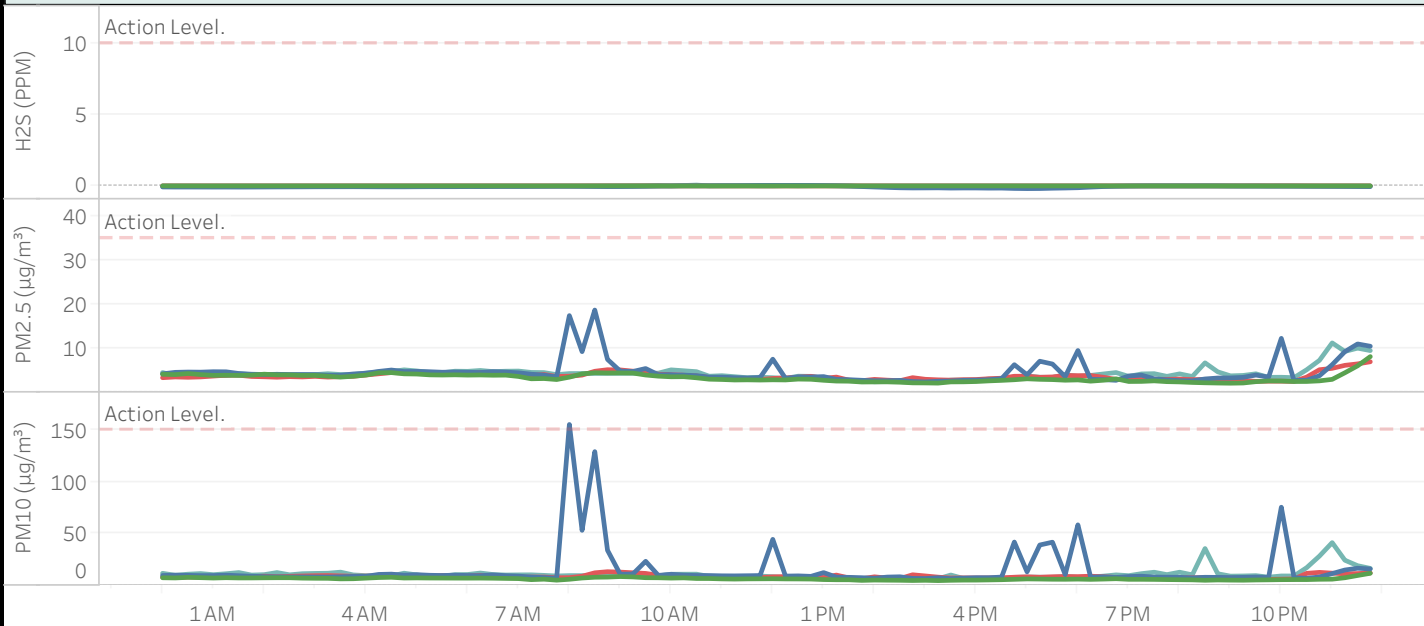


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

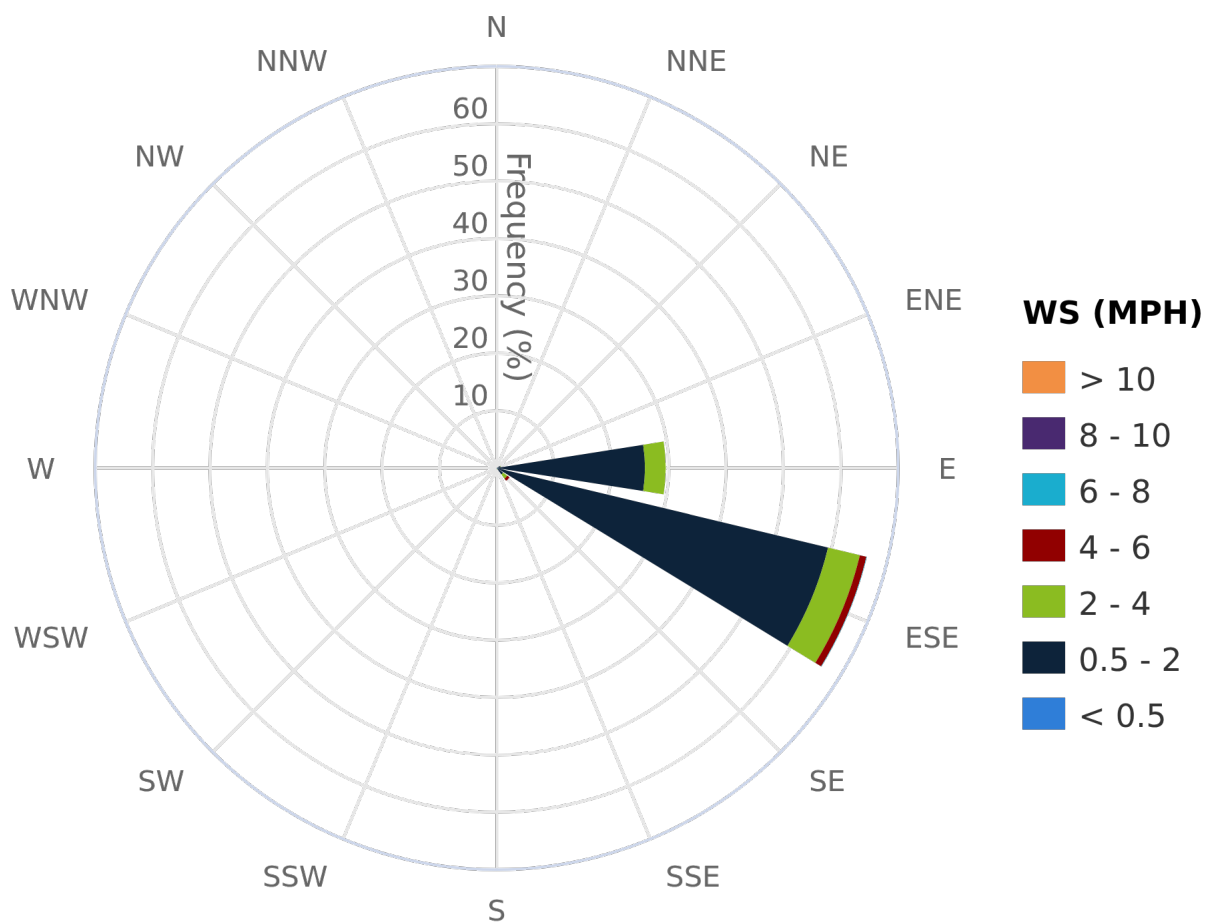


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

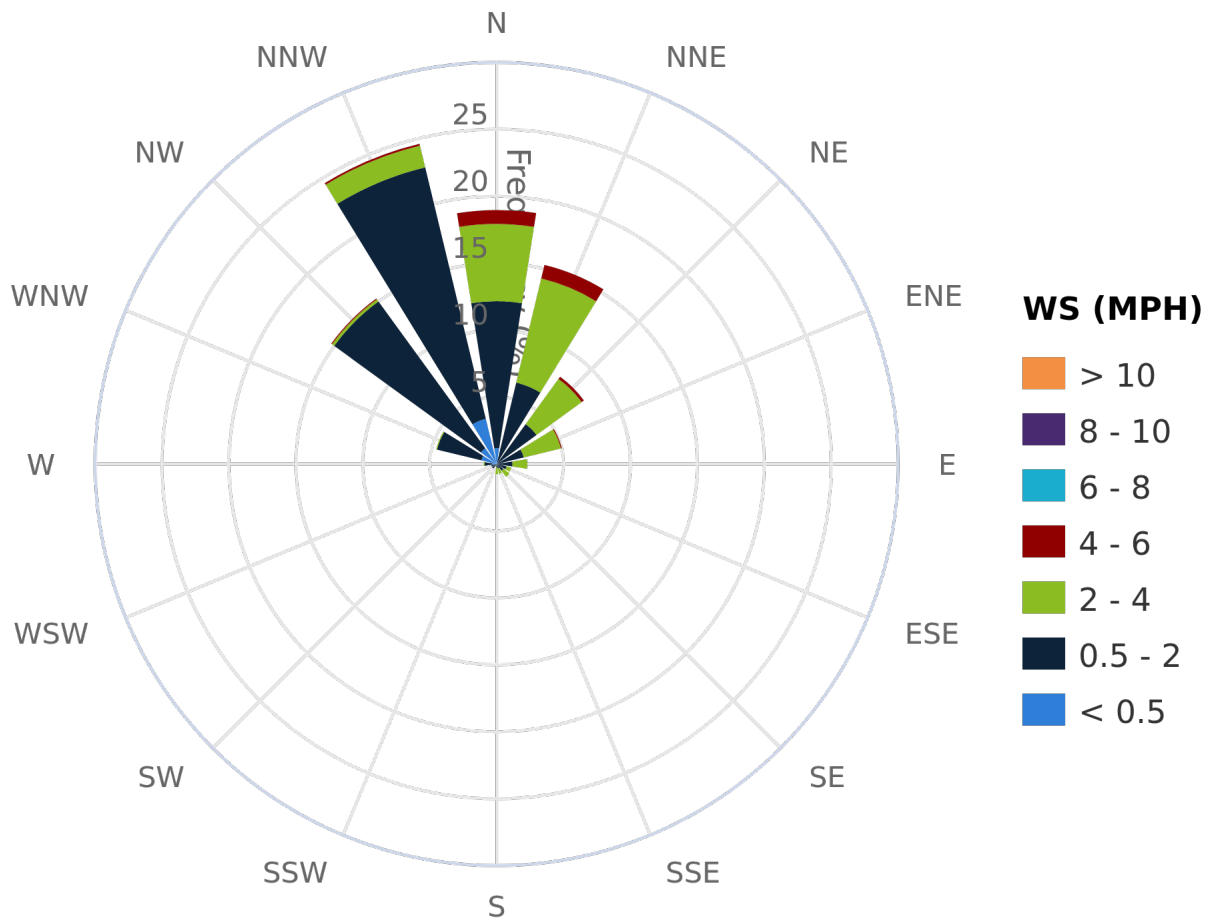


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

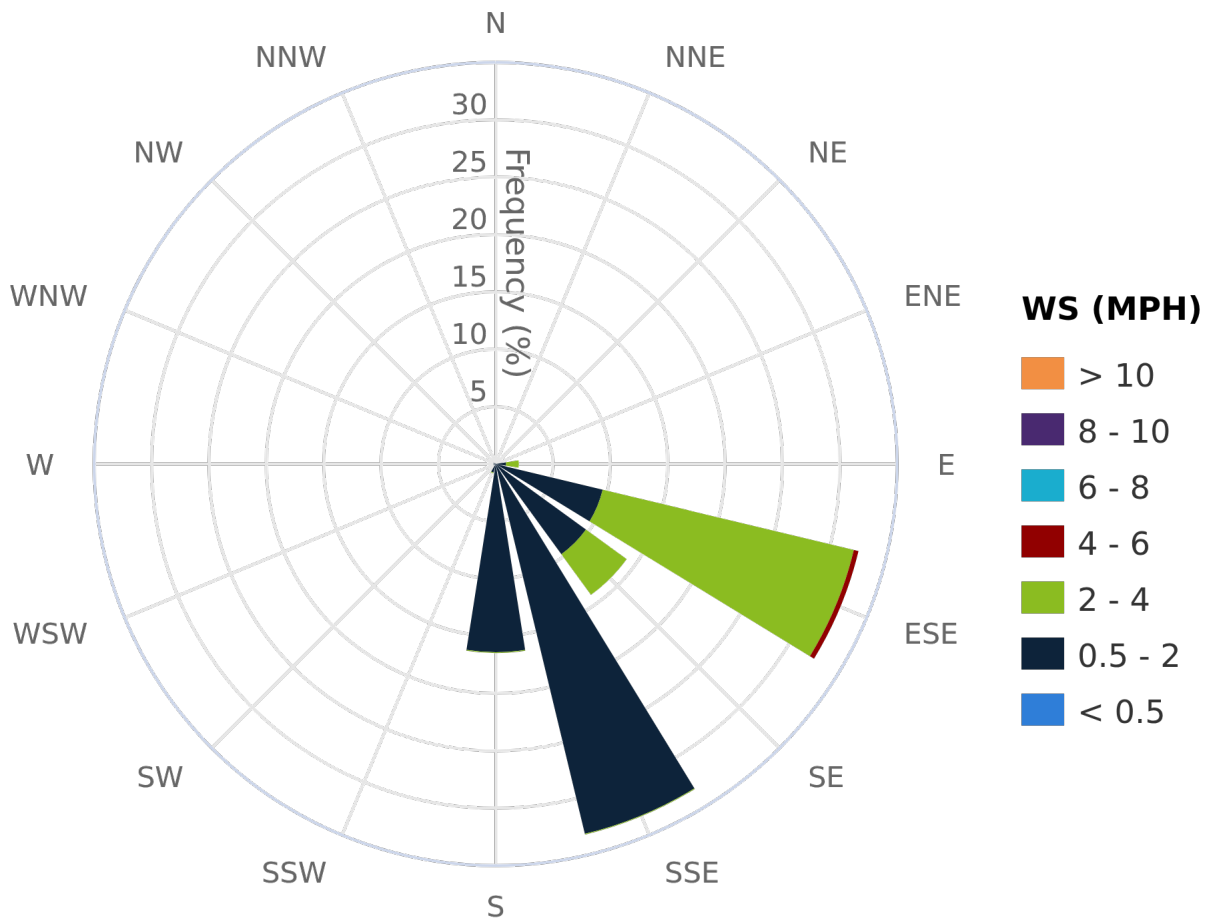


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

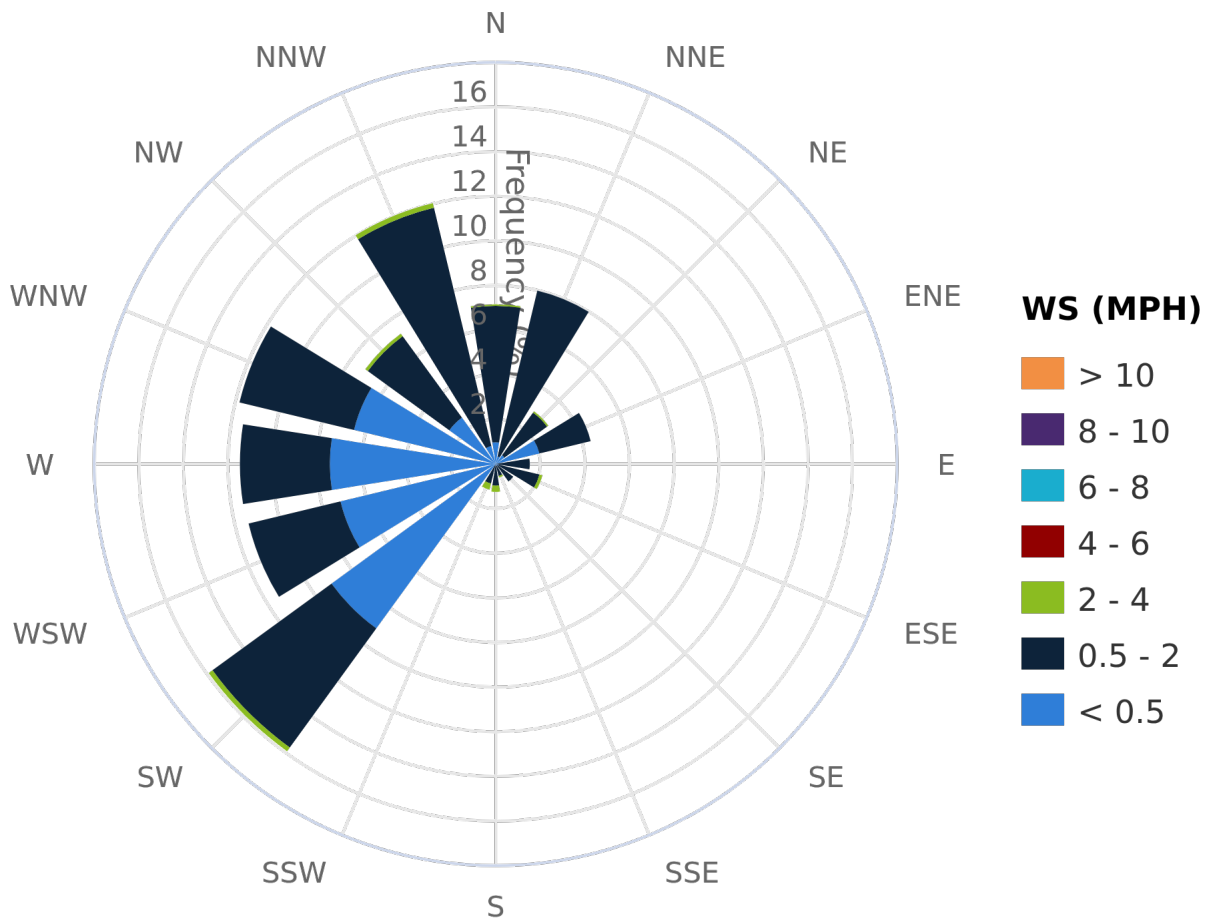


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	9.9	7.7	12.0	8.3	4.2	4.1	3.4	4.5	-0.074	0.000	0.000	0.000
00:15:00	10.2	7.5	10.1	8.0	4.6	4.1	3.5	3.8	-0.079	0.001	0.000	0.000
00:30:00	10.0	8.1	11.2	8.4	4.7	4.3	3.5	4.1	-0.078	0.001	0.000	0.000
00:45:00	9.8	7.8	11.8	8.3	4.6	4.1	3.6	4.3	-0.080	-0.001	0.000	0.000
01:00:00	9.9	7.5	10.7	8.3	4.7	3.9	3.7	4.0	-0.082	-0.001	0.000	0.000
01:15:00	10.2	7.8	11.6	8.8	4.7	3.9	3.9	3.9	-0.080	0.000	0.000	0.000
01:30:00	9.7	7.5	12.7	8.8	4.3	3.9	3.9	4.3	-0.082	0.001	0.000	0.000
01:45:00	9.2	7.5	10.3	8.6	4.2	4.0	3.7	4.1	-0.079	0.000	0.000	0.000
02:00:00	8.8	7.7	10.7	9.2	4.1	4.2	3.6	3.9	-0.075	0.000	0.000	0.000
02:15:00	8.6	7.7	12.7	8.7	4.1	4.0	3.5	4.2	-0.071	0.000	0.000	0.000
02:30:00	8.5	7.7	10.6	9.1	4.1	4.0	3.6	3.9	-0.068	0.000	0.000	0.000
02:45:00	8.5	7.4	11.6	9.4	4.1	3.9	3.6	4.0	-0.065	0.001	0.000	0.000
03:00:00	8.5	7.2	11.9	9.7	4.1	3.9	3.7	4.1	-0.061	0.000	0.000	0.000
03:15:00	8.5	7.2	12.1	9.9	3.9	3.7	3.5	4.3	-0.059	0.000	0.000	0.000
03:30:00	8.7	6.7	13.1	9.5	3.9	3.5	3.6	4.1	-0.058	0.000	0.000	0.000
03:45:00	9.0	6.8	10.5	9.2	4.2	3.7	3.7	4.1	-0.056	0.000	0.000	0.000
04:00:00	9.1	7.4	9.8	9.3	4.4	4.0	4.0	4.4	-0.059	0.000	0.000	0.000
04:15:00	10.9	7.9	9.6	9.1	4.8	4.5	4.3	4.6	-0.063	-0.001	0.000	0.000
04:30:00	11.2	8.2	9.5	9.8	5.1	4.5	4.5	4.8	-0.064	-0.001	0.000	0.000
04:45:00	10.2	7.5	12.1	9.3	4.8	4.2	4.5	5.2	-0.064	0.000	0.000	0.000
05:00:00	10.7	7.6	10.5	9.0	4.8	4.2	4.4	4.9	-0.059	0.000	0.000	0.000
05:15:00	10.1	7.5	9.0	8.9	4.7	4.0	4.3	4.6	-0.055	0.000	0.000	0.000
05:30:00	9.9	7.4	9.1	9.9	4.6	4.0	4.5	4.5	-0.054	0.000	0.000	0.000
05:45:00	10.2	7.4	10.7	9.1	4.7	4.0	4.3	4.8	-0.053	0.000	0.000	0.000
06:00:00	9.9	7.4	10.9	9.4	4.6	4.0	4.3	4.8	-0.048	0.000	0.000	0.000
06:15:00	9.7	7.4	12.3	10.1	4.6	4.0	4.5	5.0	-0.048	0.000	0.000	0.000
06:30:00	10.5	7.3	10.8	9.0	4.7	3.9	4.1	4.8	-0.043	0.000	0.000	0.000
06:45:00	9.7	7.1	10.4	8.9	4.6	4.0	4.2	4.8	-0.041	0.001	0.000	0.000
07:00:00	9.3	6.9	10.5	8.2	4.5	3.7	3.9	4.9	-0.041	0.000	0.000	0.000
07:15:00	8.4	5.9	10.6	8.4	4.2	3.1	3.9	4.6	-0.036	0.000	0.000	0.000
07:30:00	7.9	6.4	10.0	8.4	4.0	3.2	4.1	4.5	-0.032	0.000	0.000	0.000
07:45:00	7.3	5.4	9.4	7.8	3.5	3.0	3.7	4.1	-0.028	0.000	0.000	0.000
08:00:00	155.4	6.3	9.8	7.8	17.4	3.5	3.7	4.3	-0.028	0.000	0.000	0.000
08:15:00	53.4	7.5		9.2	9.3	4.2	4.0		-0.034	0.000	0.000	
08:30:00	129.2	8.2		12.5	18.7	4.5	4.8		-0.042	0.000	0.000	
08:45:00	34.2	8.4		13.5	7.5	4.4	5.2		-0.048	0.001	0.000	
09:00:00	11.1	8.9		13.2	4.9	4.4	5.1		-0.046	0.001	0.000	
09:15:00	11.4	8.5		12.5	4.8	4.4	4.9		-0.039	0.001	0.000	
09:30:00	23.6	7.8		11.9	5.4	4.0	4.6		-0.028	0.001	0.000	
09:45:00	10.0	7.7	9.6	10.1	4.0	3.7	4.2	4.4	-0.012	0.001	0.000	0.031
10:00:00	11.1	7.4	11.1	9.9	4.1	3.6	4.1	5.2	0.000	0.000	0.000	0.000
10:15:00	10.2	7.6		9.6	4.0	3.6	3.9		0.008	0.000	0.000	
10:30:00	9.9	7.0	11.2	9.3	3.8	3.4	3.8	4.7	0.008	0.000	0.000	0.060
10:45:00	9.9	7.0	9.0	8.9	3.5	3.0	3.4	3.7	0.011	0.000	0.000	0.002
11:00:00	9.6	6.6	9.0	8.7	3.5	3.0	3.4	3.8	0.019	0.000	0.000	0.000
11:15:00	9.5	6.5		8.4	3.4	2.9	3.2		0.020	0.000	0.000	
11:30:00	9.7	6.6	8.8	8.4	3.3	2.9	3.2	3.4	0.025	0.000	0.000	0.008
11:45:00	9.8	6.7	9.4	7.9	3.4	2.8	3.0	3.5	0.036	0.000	0.000	0.000



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	44.7	6.8	8.7	8.6	7.6	2.9	3.2	3.4	0.037	0.000	0.000	0.000
12:15:00	9.3	6.6	8.3	8.8	3.2	2.9	3.3	3.2	0.036	0.000	0.000	0.016
12:30:00	9.5	6.6	8.9	8.2	3.6	3.1	3.5	3.7	0.038	0.000	0.000	0.005
12:45:00	9.1	6.5	8.1	8.3	3.5	3.0	3.7	3.7	0.035	0.000	0.000	0.015
13:00:00	12.7	6.0	7.9	8.0	3.6	2.8	3.2	3.2	0.021	0.000	0.000	0.026
13:15:00	8.3	5.8	7.6	10.3	3.0	2.6	3.5	2.9	0.009	0.000	0.000	0.020
13:30:00	8.1	5.8	6.8	7.5	2.9	2.6	2.8	2.7	-0.012	0.000	0.000	0.013
13:45:00	7.8	5.2	6.8	6.8	2.8	2.4	2.7	2.7	-0.046	0.000	0.000	0.001
14:00:00	7.3	5.5	6.2	8.6	2.7	2.4	3.0	2.4	-0.076	0.000	0.000	0.000
14:15:00	8.4	5.4	6.3	7.4	2.7	2.4	2.8	2.5	-0.105	0.000	0.000	0.000
14:30:00	8.7	5.3	6.5	6.9	2.8	2.4	2.7	2.5	-0.131	0.000	0.000	0.000
14:45:00	7.1	5.1	6.2	10.6	2.5	2.2	3.4	2.4	-0.143	0.000	0.000	0.000
15:00:00	7.0	5.3	6.2	9.5	2.4	2.2	3.0	2.3	-0.139	0.000	0.000	0.000
15:15:00	7.8	5.0	6.7	8.3	2.6	2.2	2.9	2.5	-0.135	0.000	0.000	0.000
15:30:00	6.8	5.3	10.4	7.4	2.6	2.4	2.8	2.8	-0.150	0.000	0.000	0.000
15:45:00	7.4	5.5	7.0	7.6	2.8	2.4	2.9	2.8	-0.144	0.001	0.000	0.000
16:00:00	7.8	5.5	7.0	7.6	2.8	2.5	3.0	2.8	-0.145	0.001	0.000	0.000
16:15:00	7.8	5.6	7.3	7.5	2.9	2.7	3.1	3.1	-0.155	0.000	0.000	0.000
16:30:00	8.4	5.8	7.0	7.7	3.2	2.8	3.3	3.1	-0.151	0.001	0.000	0.000
16:45:00	42.1	6.2	8.1	8.3	6.3	2.9	3.7	3.6	-0.177	0.000	0.000	0.000
17:00:00	13.4	6.6	8.4	8.6	4.0	3.1	3.7	3.8	-0.187	0.000	0.000	0.000
17:15:00	39.3	6.5	8.3	8.2	7.1	3.0	3.5	3.5	-0.183	0.000	0.000	0.000
17:30:00	42.0	6.3	8.2	8.7	6.5	2.9	3.6	3.5	-0.161	0.000	0.000	0.000
17:45:00	10.7	6.3	9.0	8.9	3.6	2.8	3.9	4.1	-0.146	0.000	0.000	0.000
18:00:00	58.7	6.4	8.2	8.8	9.5	2.9	3.8	3.7	-0.126	-0.001	0.000	0.000
18:15:00	8.3	6.2	8.4	9.2	3.0	2.6	3.9	3.9	-0.082	0.000	0.000	0.000
18:30:00	8.7	6.5	9.3	8.7	2.9	2.8	3.5	4.2	-0.045	0.001	0.000	0.001
18:45:00	8.0	6.8	10.5	8.0	2.8	3.1	3.0	4.5	-0.024	0.000	0.000	0.001
19:00:00	8.9	6.2	9.8	7.7	3.8	2.5	3.0	3.7	-0.010	0.000	0.000	0.001
19:15:00	9.2	6.2	11.7	8.1	4.0	2.5	3.0	4.2	-0.002	0.000	0.000	0.002
19:30:00	8.4	6.1	13.1	8.0	3.1	2.7	3.0	4.3	0.001	0.001	0.000	0.000
19:45:00	8.3	6.0	10.7	8.0	2.9	2.5	3.0	3.7	0.000	-0.001	0.000	0.001
20:00:00	8.2	5.8	13.1	7.8	2.7	2.4	3.1	4.2	0.001	0.000	0.000	0.000
20:15:00	7.6	5.7	10.5	7.7	2.7	2.3	2.9	3.6	-0.001	0.000	0.001	0.000
20:30:00	8.2	5.3	35.9	7.9	3.1	2.2	3.0	6.7	0.001	0.000	0.000	0.000
20:45:00	8.1	5.6	11.6	7.4	3.3	2.2	2.8	4.7	-0.002	0.000	0.001	0.000
21:00:00	7.9	5.4	9.3	7.3	3.3	2.1	2.8	3.8	-0.010	0.000	0.002	0.000
21:15:00	8.1	5.4	9.5	7.1	3.5	2.2	2.7	3.9	-0.013	0.000	0.003	0.000
21:30:00	8.4	5.6	9.8	6.6	4.0	2.5	2.6	4.3	-0.014	0.000	0.006	0.000
21:45:00	8.1	5.7	8.3	6.1	3.5	2.6	2.6	3.5	-0.019	0.000	0.005	0.000
22:00:00	75.7	5.9	9.5	6.4	12.3	2.6	2.6	3.5	-0.019	0.000	0.006	0.000
22:15:00	7.7	6.0	9.4	6.5	2.8	2.5	2.5	3.4	-0.021	0.000	0.005	0.000
22:30:00	7.3	6.0	17.5	12.0	2.8	2.5	3.5	5.2	-0.027	0.000	0.003	0.000
22:45:00	8.5	6.3	28.6	12.9	3.8	2.7	5.2	7.3	-0.031	0.000	0.001	0.000
23:00:00	11.7	6.4	41.6	12.2	6.3	3.0	5.5	11.2	-0.034	0.000	0.001	0.000
23:15:00	15.2	7.7	24.6	11.5	9.3	4.5	6.2	9.3	-0.039	0.000	0.001	0.000
23:30:00	16.9	9.9	19.4	11.8	11.0	6.1	6.5	10.1	-0.045	0.000	0.001	0.000
23:45:00	16.2	12.0	16.8	12.4	10.5	8.1	7.0	9.5	-0.049	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 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
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08:00:00 155.4