



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-30

Table 1 : Weather Summary

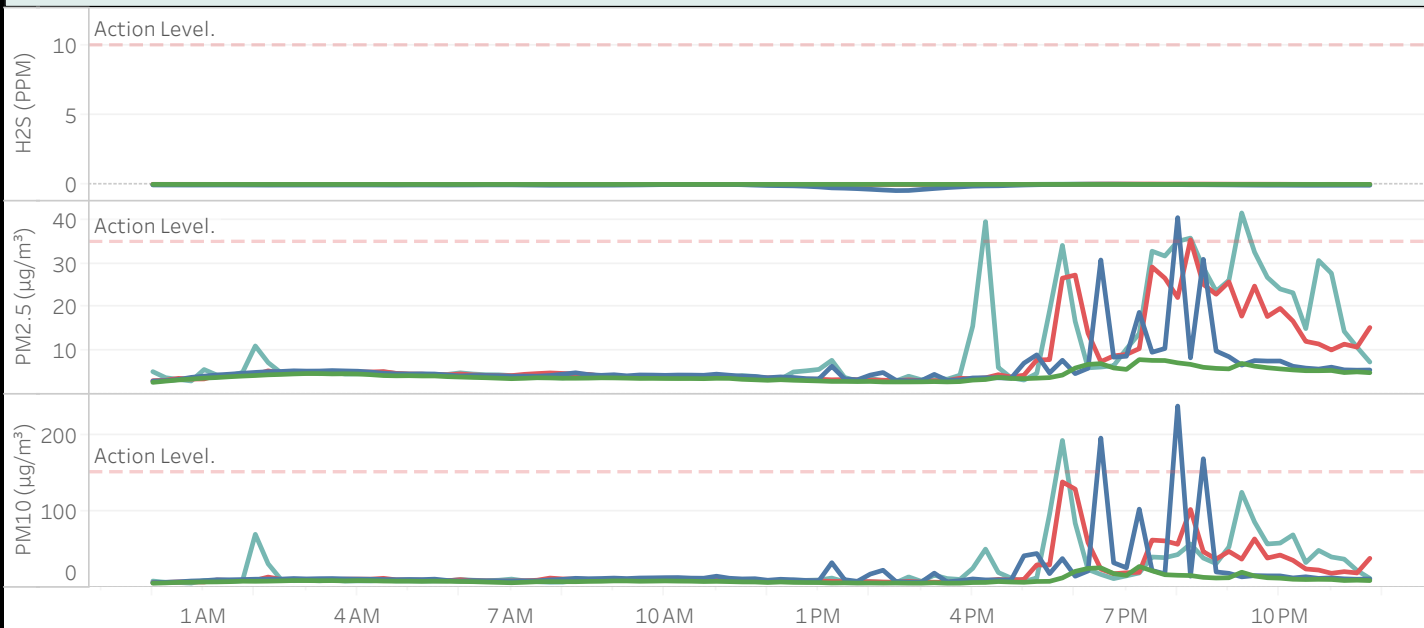
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 9.350	2943 E	2693 NNE	2996 SE	2997 WNW	Min : 55.58 Max : 91.94	Min : 32.70 Max : 81.80	Min : 30.05 Max : 30.32

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	9.9	27.9	4.4	8.0	0.001	0.003
2943	20.5	238.1	6.2	40.5	-0.076	0.015
2996	20.1	138.7	8.0	35.4	0.004	0.028
2997	22.8	193.1	9.9	41.6	0.001	0.015



Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

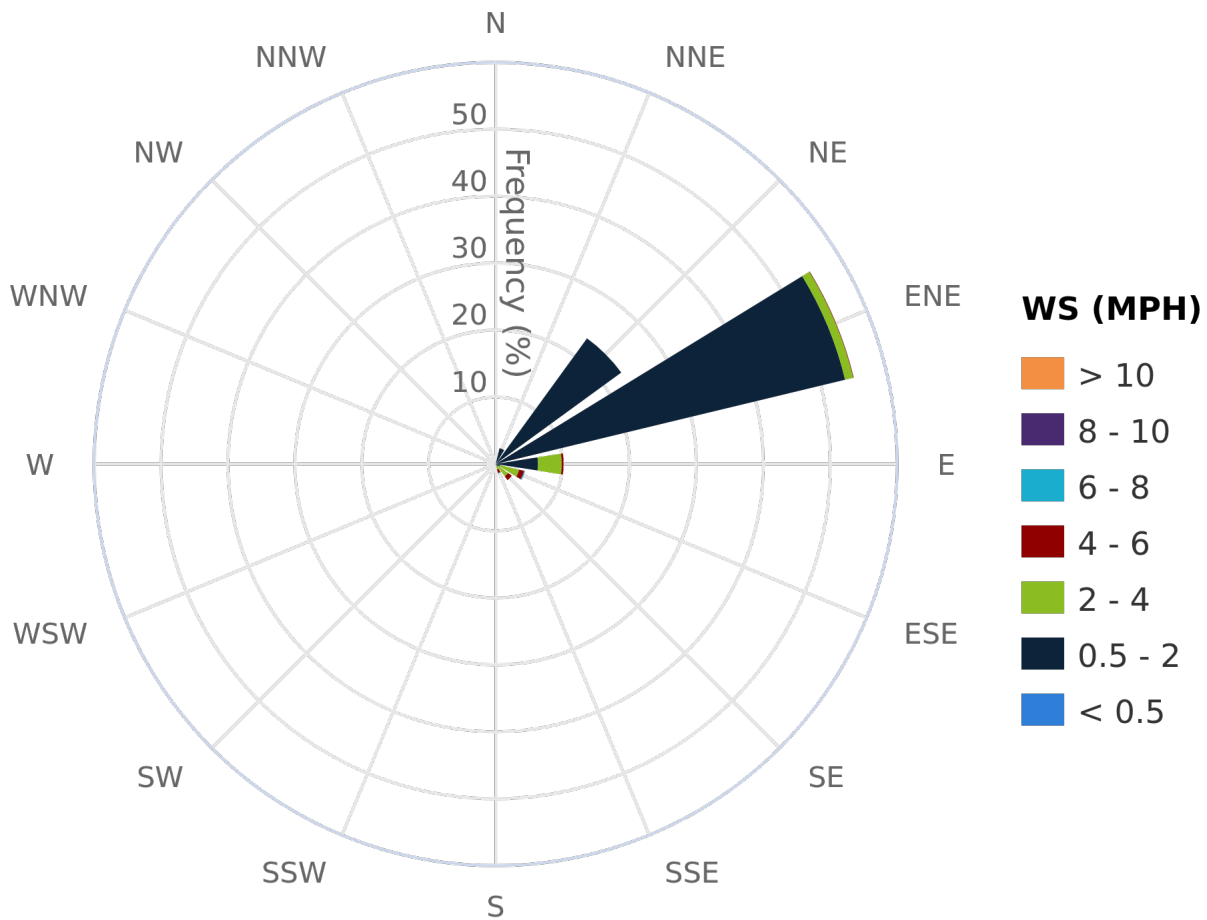


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

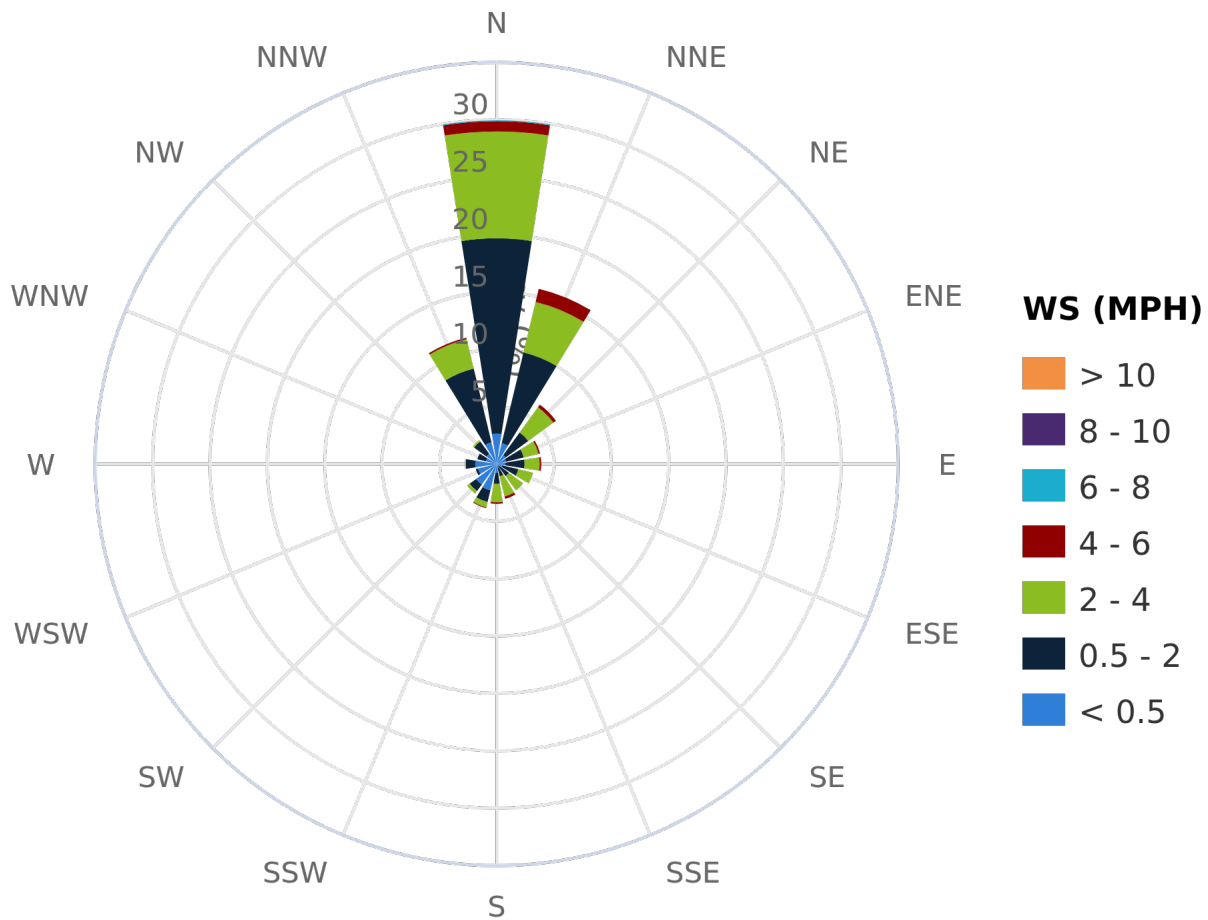


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

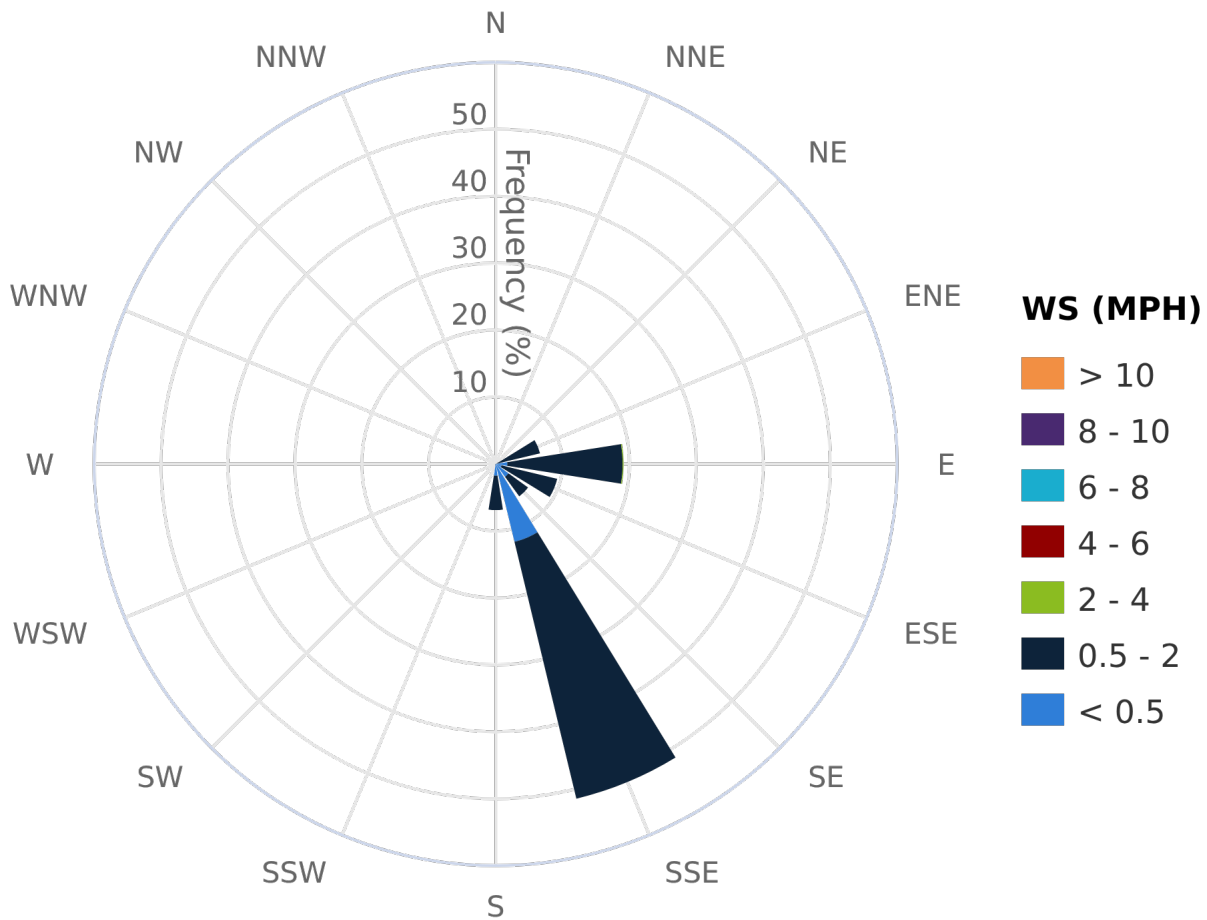


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

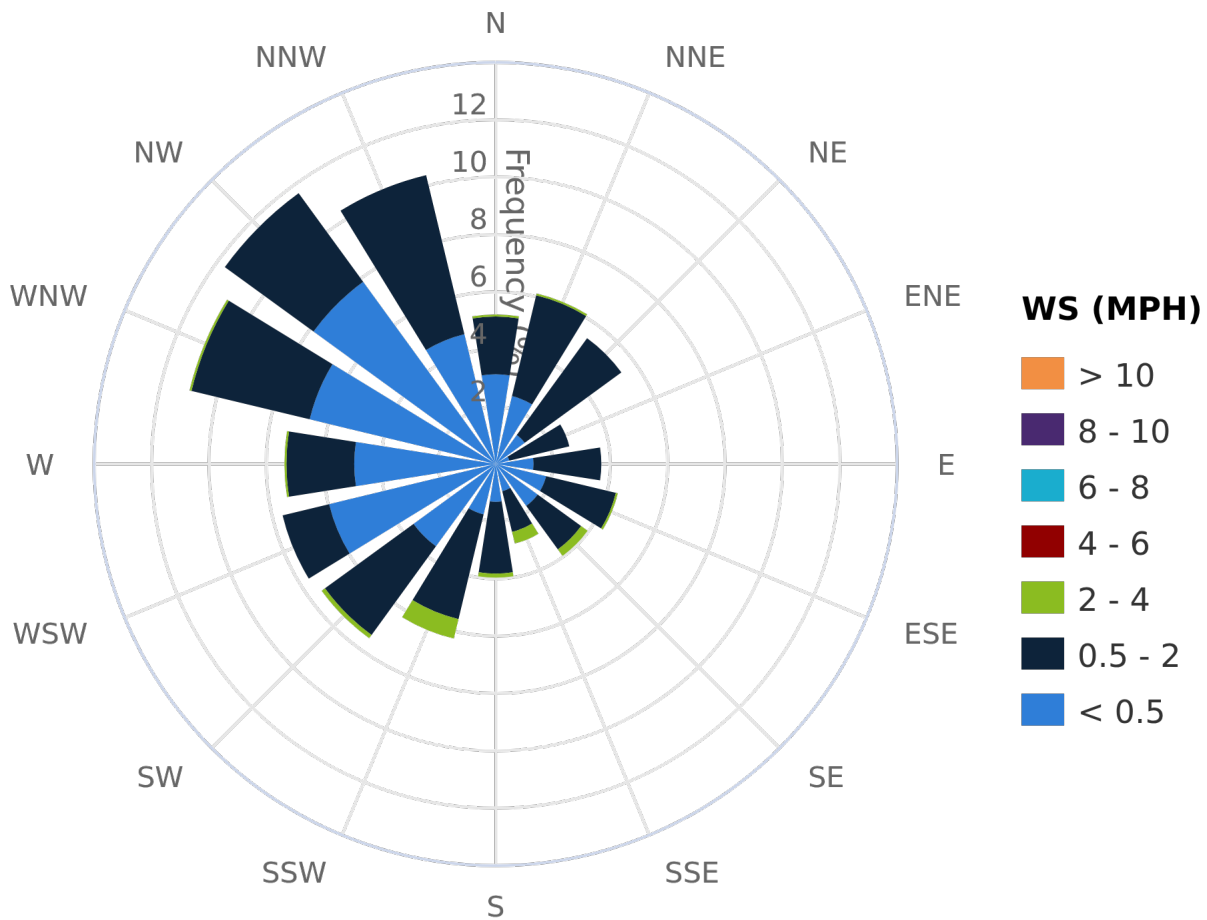


Figure 3 : Wind Rose Chart (WS in MPH)



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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	6.8	5.9	8.8	6.7	3.1	2.8	3.2	5.3	-0.041	0.000	0.006	0.000
00:15:00	7.2	6.4	7.1	7.0	3.2	3.1	3.3	3.9	-0.045	0.000	0.004	0.000
00:30:00	7.8	7.1	6.9	7.6	3.5	3.4	3.7	3.5	-0.046	0.000	0.005	0.000
00:45:00	8.9	7.3	6.1	7.8	4.0	3.6	3.6	3.1	-0.047	0.000	0.004	0.000
01:00:00	9.3	7.6	9.5	7.6	4.2	3.8	3.6	5.7	-0.046	0.000	0.004	0.000
01:15:00	10.5	7.7	9.0	10.2	4.5	3.9	4.4	4.5	-0.045	0.001	0.002	0.000
01:30:00	10.5	8.0	8.5	9.6	4.7	4.1	4.4	4.3	-0.045	0.000	0.003	0.000
01:45:00	10.8	8.6	9.3	9.6	4.9	4.3	4.5	5.1	-0.046	0.000	0.002	0.000
02:00:00	11.2	8.5	70.0	9.8	5.1	4.4	4.6	11.1	-0.047	0.000	0.002	0.000
02:15:00	11.3	8.7	31.4	14.0	5.3	4.5	5.4	7.3	-0.050	0.000	0.002	0.000
02:30:00	11.4	9.0	11.0	10.9	5.3	4.6	4.9	5.0	-0.048	0.000	0.000	0.000
02:45:00	12.1	9.4	9.3	10.5	5.5	4.7	4.9	4.8	-0.048	0.000	0.000	0.000
03:00:00	11.6	9.4	9.7	10.5	5.4	4.8	4.9	5.0	-0.047	0.000	0.000	0.000
03:15:00	11.9	9.2	9.1	10.5	5.4	4.8	5.0	4.8	-0.046	0.000	0.000	0.000
03:30:00	12.1	9.4	10.0	10.7	5.5	4.7	5.0	5.2	-0.045	0.000	0.000	0.000
03:45:00	11.6	9.0	8.8	11.2	5.4	4.8	5.1	4.7	-0.044	0.000	0.000	0.000
04:00:00	11.4	9.4	9.0	11.4	5.4	4.7	5.2	4.8	-0.044	0.000	0.000	0.000
04:15:00	11.2	9.2	9.0	11.3	5.2	4.6	5.2	4.9	-0.044	0.000	0.000	0.000
04:30:00	10.8	8.8	9.8	12.4	4.9	4.4	5.3	5.2	-0.046	0.001	0.000	0.000
04:45:00	10.6	8.6	9.0	10.4	4.8	4.3	4.9	4.9	-0.049	0.001	0.000	0.000
05:00:00	10.9	8.7	9.0	10.1	4.7	4.3	4.7	4.7	-0.044	0.000	0.000	0.000
05:15:00	10.7	8.4	8.9	10.0	4.8	4.3	4.7	4.6	-0.043	0.000	0.000	0.000
05:30:00	11.3	8.7	8.9	9.2	4.7	4.3	4.5	4.6	-0.044	0.000	0.000	0.000
05:45:00	9.6	8.5	9.0	9.3	4.5	4.1	4.5	4.6	-0.046	0.000	0.000	0.000
06:00:00	8.8	8.2	10.9	10.5	4.3	4.0	4.7	5.0	-0.043	0.000	0.000	0.000
06:15:00	9.4	8.0	9.9	9.2	4.4	3.9	4.5	4.7	-0.041	0.000	0.000	0.000
06:30:00	9.1	7.5	9.3	8.9	4.4	3.9	4.4	4.6	-0.036	0.001	0.000	0.000
06:45:00	9.1	7.0	9.9	8.6	4.3	3.8	4.3	4.5	-0.037	0.000	0.000	0.000
07:00:00	8.9	6.6	11.4	8.8	4.2	3.7	4.4	4.4	-0.036	0.001	0.000	0.000
07:15:00	9.1	7.2	9.1	9.1	4.3	3.7	4.6	4.2	-0.044	0.000	0.000	0.000
07:30:00	9.1	7.9	7.9	9.9	4.2	3.9	4.8	4.3	-0.052	0.000	0.000	0.000
07:45:00	10.3	8.1	7.2	12.7	4.4	3.8	5.0	3.9	-0.060	0.000	0.000	0.000
08:00:00	11.0	8.0	7.4	11.6	4.7	3.8	4.9	3.8	-0.059	0.000	0.000	0.000
08:15:00	12.4	7.9	9.4	11.4	5.0	3.8	4.7	4.1	-0.058	0.000	0.000	0.000
08:30:00	11.9	8.3	10.2	11.1	4.6	3.8	4.6	4.5	-0.056	0.000	0.000	0.000
08:45:00	12.2	8.5	9.8	10.9	4.4	3.9	4.2	4.4	-0.055	0.000	0.000	0.000
09:00:00	12.7	9.0	10.1	10.7	4.6	3.8	4.1	4.1	-0.053	0.000	0.000	0.000
09:15:00	12.1	9.0	10.9	11.0	4.3	3.8	4.2	4.1	-0.045	0.000	0.000	0.000
09:30:00	12.8	8.5	10.2	11.0	4.5	3.7	4.1	4.1	-0.039	0.000	0.000	0.000
09:45:00	13.0	8.7	10.7	10.9	4.5	3.7	4.2	4.2	-0.027	0.000	0.000	0.000
10:00:00	13.3	9.0	10.5	11.9	4.4	3.7	4.2	4.2	-0.015	0.000	0.000	0.000
10:15:00	13.4	8.7	10.6	12.3	4.5	3.7	4.2	4.1	-0.004	0.000	0.000	0.000
10:30:00	12.7	8.6	11.6	10.9	4.5	3.7	4.0	4.2	-0.001	0.000	0.000	0.001
10:45:00	12.5	8.2	11.3	10.9	4.4	3.7	4.1	4.1	0.000	0.000	0.000	0.001
11:00:00	15.1	8.4	10.0	11.1	4.7	3.7	4.1	4.0	-0.003	0.000	0.000	0.001
11:15:00	12.5	8.0	9.7	10.6	4.4	3.7	4.1	4.0	-0.006	0.001	0.000	0.000
11:30:00	11.6	7.6	10.1	10.5	4.2	3.5	4.2	4.4	-0.023	0.001	0.000	0.000
11:45:00	11.9	7.6	9.9	9.4	4.2	3.4	3.6	4.2	-0.053	0.002	0.000	0.000



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	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	9.9	6.9	9.0	9.7	3.9	3.3	3.9	3.7	-0.081	0.002	0.000	0.000
12:15:00	11.2	7.6	8.6	9.7	4.1	3.4	3.8	3.5	-0.092	0.002	0.000	0.000
12:30:00	10.5	7.0	10.1	8.9	3.9	3.3	3.7	5.2	-0.103	0.003	0.000	0.000
12:45:00	9.6	6.9	9.8	8.7	3.7	3.2	3.5	5.5	-0.133	0.003	0.000	0.000
13:00:00	9.3	6.8	10.2	8.9	3.6	3.1	3.5	5.8	-0.181	0.003	0.000	0.000
13:15:00	32.9	6.3	12.7	8.4	6.5	3.0	3.4	7.9	-0.250	0.003	0.000	0.000
13:30:00	10.6	6.4	7.9	8.1	3.6	3.0	3.5	3.9	-0.272	0.003	0.000	0.000
13:45:00	8.5	6.1	7.5	8.1	3.4	3.0	3.4	3.2	-0.305	0.003	0.000	0.000
14:00:00	17.9	6.3	7.8	8.1	4.5	3.0	3.3	3.7	-0.351	0.003	0.000	0.000
14:15:00	23.0	6.1	7.1	7.6	5.1	2.9	3.3	3.2	-0.401	0.003	0.000	0.000
14:30:00	8.3	6.3	6.7	7.2	3.3	2.9	3.2	3.1	-0.445	0.003	0.000	0.000
14:45:00	7.3	6.1	14.2	8.4	3.2	2.9	3.4	4.2	-0.436	0.003	0.000	0.000
15:00:00	7.5	6.0	8.3	7.3	3.2	2.9	3.2	3.4	-0.365	0.003	0.000	0.000
15:15:00	19.2	6.6	16.5	7.3	4.6	3.0	3.2	3.9	-0.295	0.003	0.000	0.000
15:30:00	7.7	6.0	12.1	7.1	3.3	2.9	3.2	3.5	-0.230	0.002	0.000	0.000
15:45:00	9.3	6.0	10.9	8.7	3.4	3.0	3.8	4.4	-0.180	0.002	0.000	0.000
16:00:00	11.6	6.9	25.4	8.8	3.8	3.3	3.6	15.7	-0.126	0.002	0.000	0.000
16:15:00	10.3	7.0	50.7	9.3	3.9	3.5	3.8	39.6	-0.108	0.002	0.000	0.000
16:30:00	10.4	8.2	20.0	11.0	3.9	3.9	4.6	6.2	-0.101	0.002	0.000	0.000
16:45:00	10.3	7.6	12.7	10.1	3.8	3.7	4.0	3.9	-0.072	0.001	0.000	0.000
17:00:00	41.9	7.2	8.3	11.1	7.2	3.7	4.5	3.3	-0.044	0.001	0.000	0.001
17:15:00	44.9	8.3	12.8	30.0	9.1	3.8	8.0	4.9	-0.025	0.000	0.000	0.006
17:30:00	18.5	8.4	96.5	29.9	5.0	3.9	8.0	19.2	-0.010	0.001	0.000	0.012
17:45:00	38.3	12.9	193.1	138.7	7.9	4.5	26.7	34.2	0.002	0.000	0.000	0.015
18:00:00	15.1	21.5	84.7	129.3	4.8	6.1	27.4	16.8	0.012	0.001	0.004	0.014
18:15:00	22.0	25.4	23.9	59.2	6.0	6.9	14.1	6.1	0.014	0.000	0.015	0.012
18:30:00	196.1	26.1	17.5	24.5	30.8	7.1	7.6	6.3	0.015	0.000	0.023	0.010
18:45:00	32.8	18.6	12.0	18.4	8.6	6.1	8.9	6.6	0.015	0.000	0.026	0.005
19:00:00	26.2	16.2	15.6	19.7	8.8	5.8	9.2	10.5	0.010	0.000	0.028	0.002
19:15:00	103.0	27.9	19.5	20.3	18.8	8.0	10.5	14.0	0.005	-0.001	0.027	0.001
19:30:00	22.6	22.2	40.3	62.5	9.7	7.8	29.2	32.8	-0.003	0.000	0.028	0.000
19:45:00	18.3	17.1	39.5	61.4	10.6	7.8	26.7	31.7	-0.008	0.000	0.023	0.000
20:00:00	238.1	16.4	43.5	57.1	40.5	7.3	22.2	35.1	-0.016	0.000	0.025	0.000
20:15:00	15.2	16.0	57.3	102.6	8.4	6.9	35.4	35.8	-0.024	0.000	0.023	0.000
20:30:00	169.1	13.6	39.0	47.3	31.0	6.3	25.3	29.1	-0.025	0.000	0.022	0.000
20:45:00	20.8	12.8	31.7	37.6	10.0	6.0	23.0	23.7	-0.032	0.000	0.019	0.000
21:00:00	18.9	13.1	53.4	47.6	8.7	5.9	25.8	26.2	-0.037	0.000	0.016	0.000
21:15:00	14.3	20.4	125.1	37.5	6.8	7.1	18.0	41.6	-0.045	0.000	0.013	0.000
21:30:00	16.0	15.4	86.2	64.0	7.8	6.5	24.9	32.6	-0.051	0.000	0.013	0.000
21:45:00	15.6	13.1	57.4	38.9	7.7	6.2	17.9	26.8	-0.055	0.000	0.011	0.000
22:00:00	15.5	12.6	58.6	42.9	7.7	5.9	19.8	24.2	-0.056	0.001	0.010	0.000
22:15:00	12.9	11.2	69.3	35.9	6.5	5.7	16.8	23.3	-0.059	0.001	0.005	0.000
22:30:00	14.4	10.8	33.1	24.6	6.1	5.5	12.2	15.1	-0.062	0.000	0.004	0.000
22:45:00	12.3	11.1	49.0	23.2	5.9	5.5	11.6	30.7	-0.062	0.001	0.002	0.000
23:00:00	13.0	10.9	40.4	19.0	6.3	5.5	10.2	27.8	-0.061	0.000	0.004	0.000
23:15:00	11.7	9.5	37.5	21.1	5.7	5.1	11.6	14.5	-0.061	0.000	0.002	0.000
23:30:00	11.2	9.9	22.7	19.4	5.6	5.2	10.9	10.9	-0.060	0.000	0.000	0.000
23:45:00	11.5	9.4	12.3	38.6	5.6	5.0	15.4	7.5	-0.061	0.000	0.001	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)
16:15:00								39.6				
17:45:00				193.1								
18:30:00	196.1											
20:00:00	238.1				40.5			35.1				
20:15:00							35.4	35.8				
20:30:00	169.1											
21:15:00								41.6				