



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-05

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.06700 Max : 19.17	2943 ESE	2693 NE	2996 SE	2997 WNW	Min : 51.62 Max : 92.48	Min : 39.00 Max : 94.20	Min : 30.09 Max : 30.35

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	7.9	12.5	4.2	6.5	0.001	0.003
2943	19.4	160.9	5.8	19.7	-0.068	0.032
2996	15.6	80.6	5.8	15.5	0.000	0.003
2997	13.2	83.7	5.2	16.0	0.001	0.021



Figure 1 : Monitoring Locations

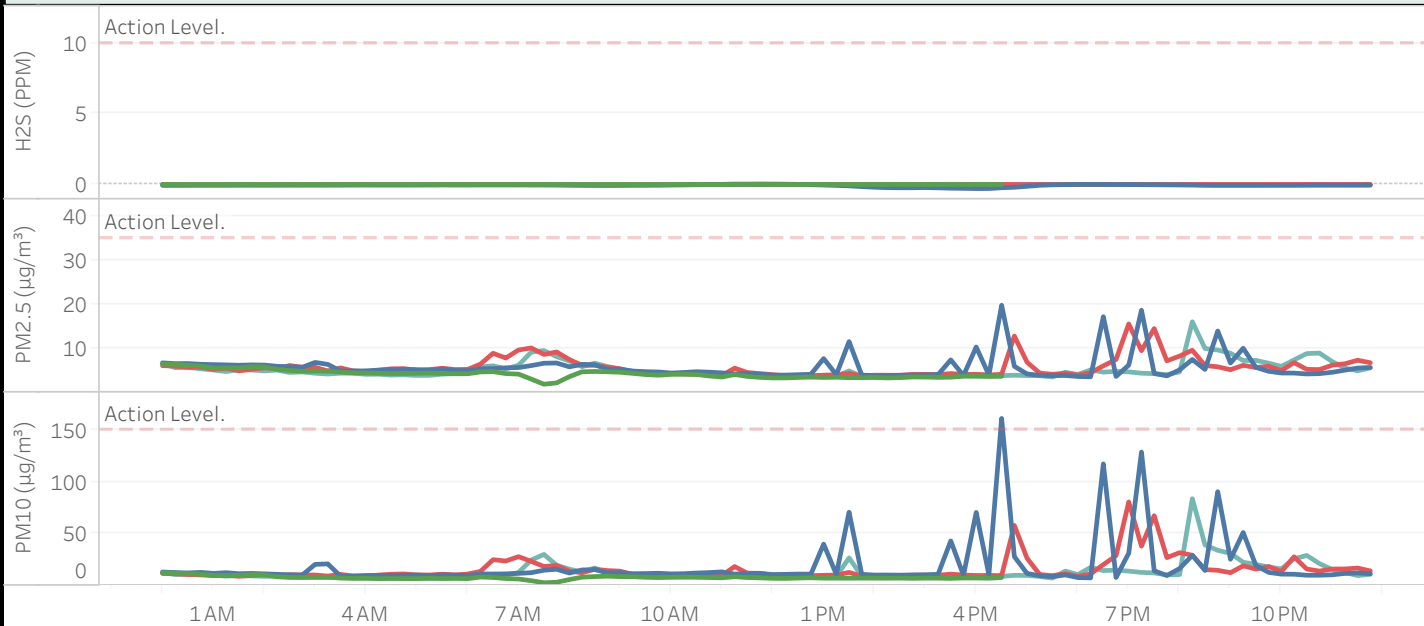


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

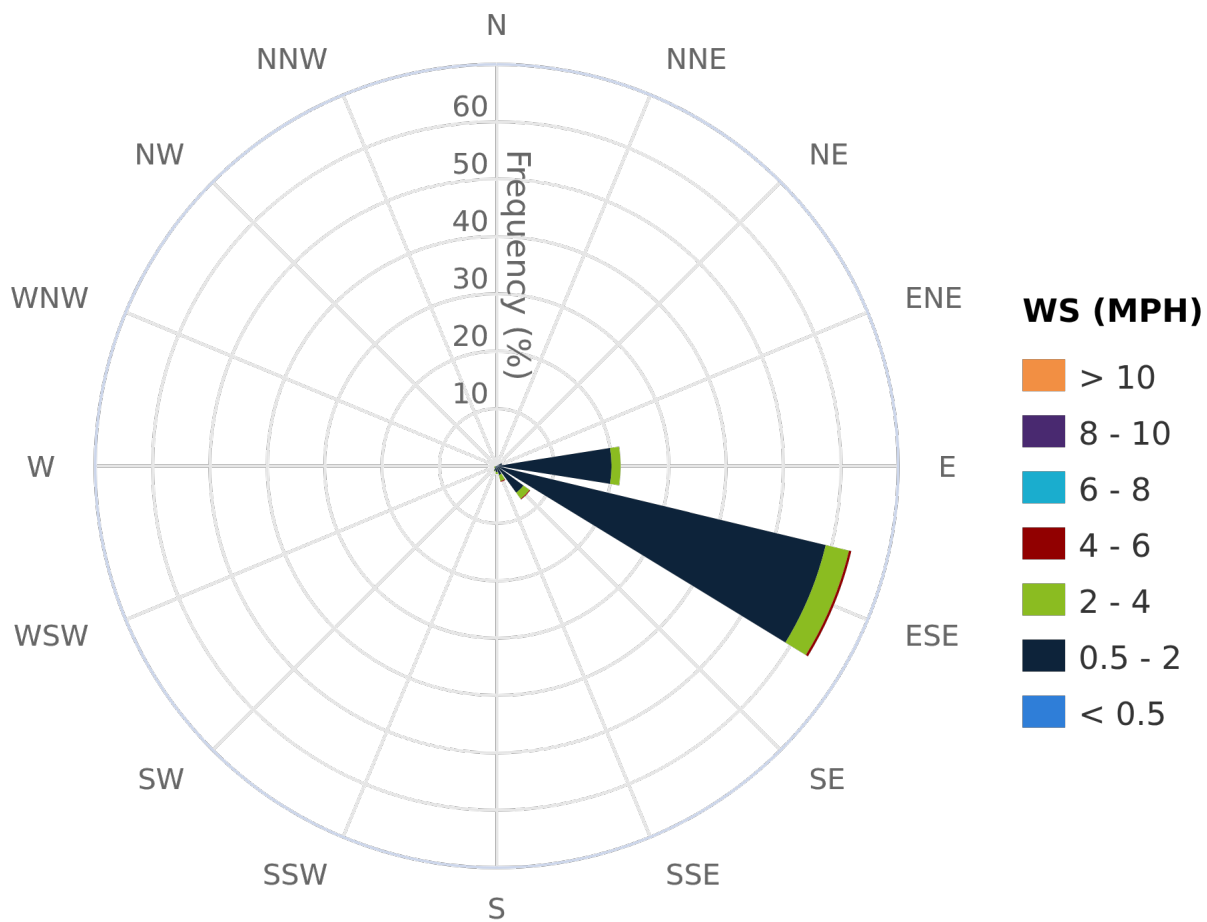


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-04

Wind Rose Chart 2693

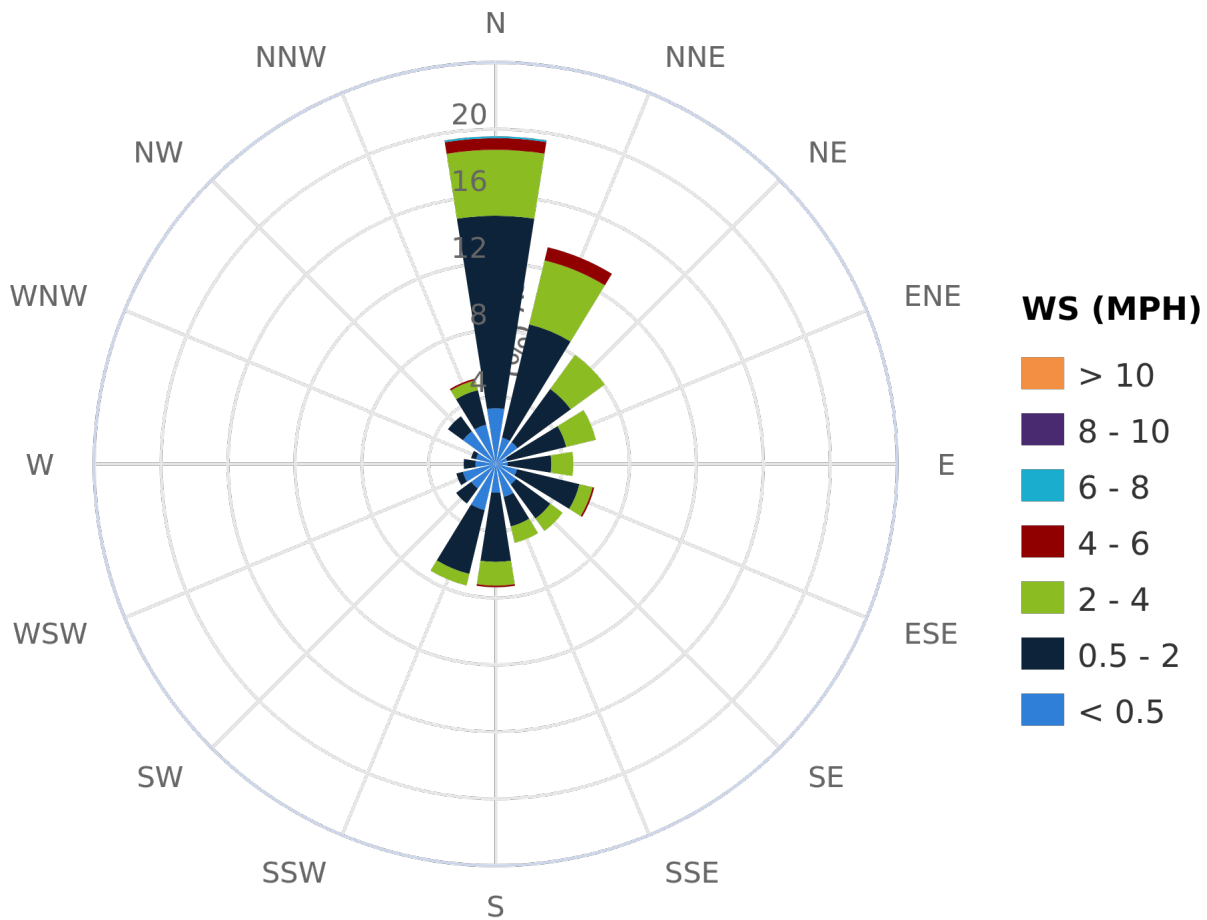


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-05

Wind Rose Chart 2996

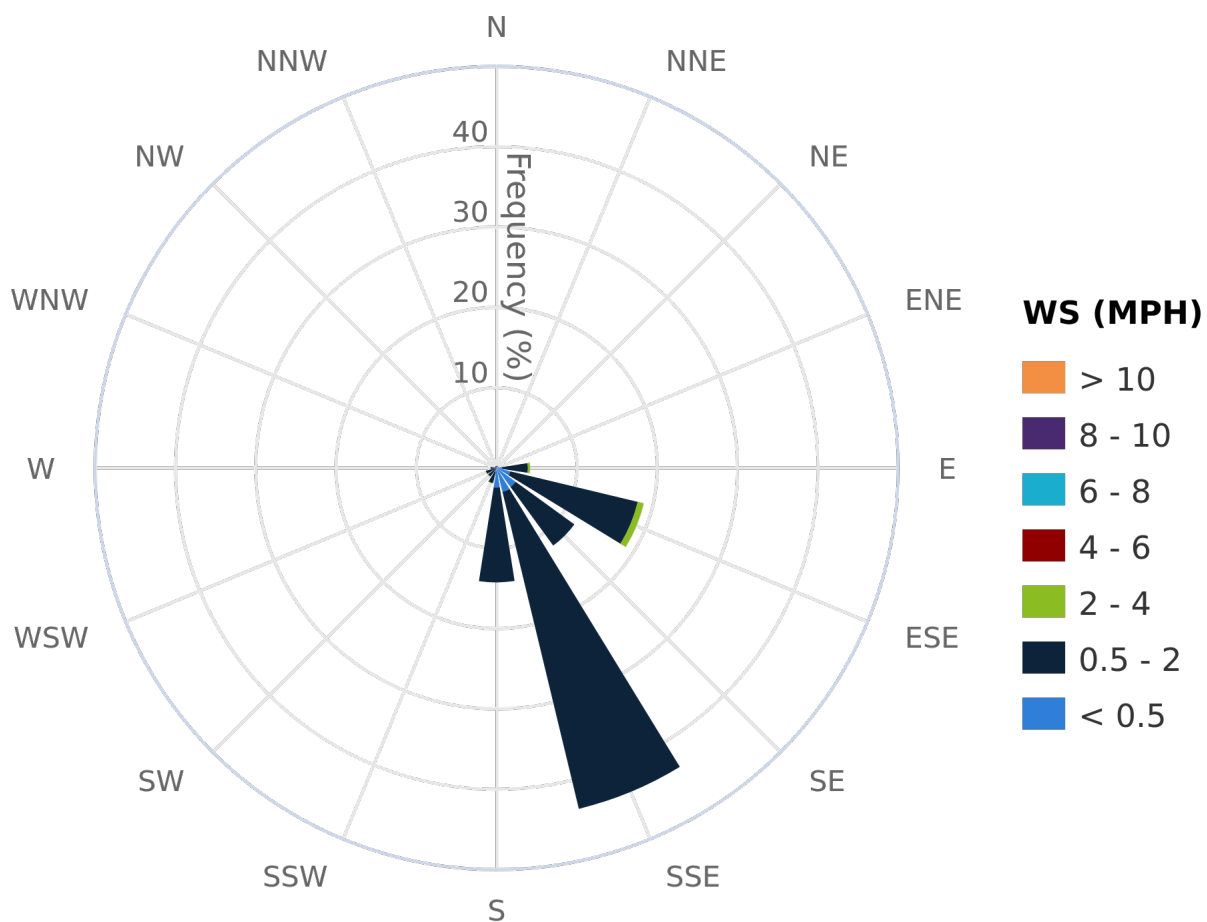


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-05

Wind Rose Chart 2997

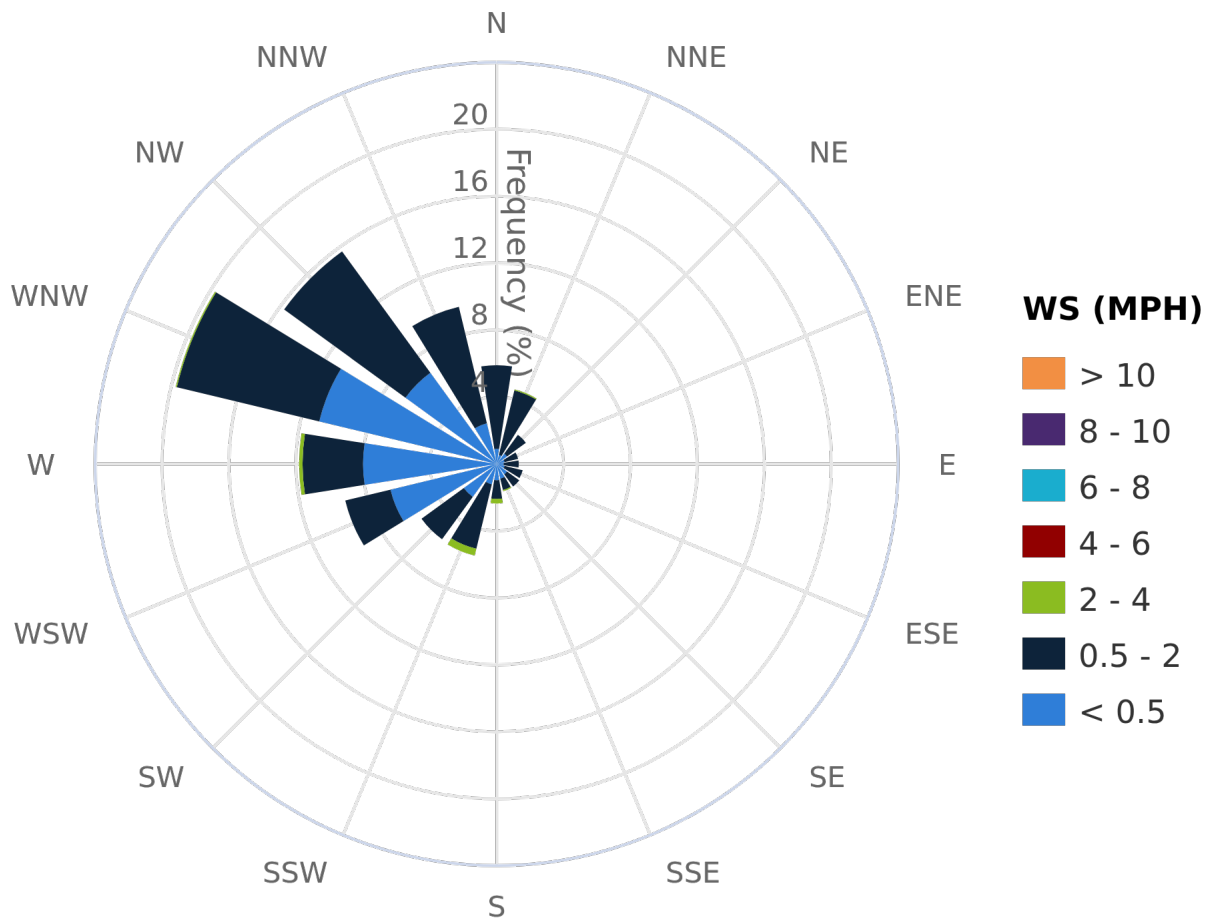


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-11-05

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	13.2	12.5	12.9	11.8	6.7	6.5	6.1	6.6	-0.066	0.001	0.000	0.000
00:15:00	12.7	12.2	10.7	11.6	6.6	6.4	6.0	5.6	-0.064	0.001	0.000	0.000
00:30:00	12.3	11.6	11.0	10.8	6.6	6.2	5.7	5.7	-0.061	0.001	0.000	0.000
00:45:00	12.8	11.1	10.3	10.9	6.4	6.0	5.7	5.4	-0.060	0.000	0.000	0.000
01:00:00	11.9	9.9	10.2	9.8	6.3	5.6	5.3	5.1	-0.059	0.000	0.000	0.000
01:15:00	12.6	9.8	9.2	10.1	6.3	5.6	5.5	4.8	-0.059	0.001	0.000	0.000
01:30:00	11.6	10.0	9.8	9.1	6.2	5.6	4.9	5.2	-0.056	0.001	0.000	0.000
01:45:00	11.9	10.8	9.5	9.9	6.3	5.9	5.2	5.1	-0.055	0.002	0.000	0.000
02:00:00	11.5	10.5	9.0	10.5	6.2	5.9	5.6	4.9	-0.054	0.001	0.000	0.000
02:15:00	11.0	8.6	9.3	9.8	6.0	5.2	5.4	5.1	-0.055	0.001	0.000	0.000
02:30:00	10.5	8.0	8.6	10.7	5.8	5.0	6.1	4.6	-0.054	0.000	0.000	0.000
02:45:00	10.4	7.9	8.6	10.4	5.7	4.8	5.7	4.7	-0.052	-0.001	0.000	0.000
03:00:00	20.6	8.1	8.2	10.3	6.8	4.9	5.7	4.4	-0.051	0.000	0.000	0.000
03:15:00	21.0	8.2	8.0	9.3	6.4	4.9	4.9	4.2	-0.051	0.000	0.000	0.000
03:30:00	9.2	7.4	8.6	10.9	4.9	4.6	5.6	4.4	-0.049	0.001	0.000	0.000
03:45:00	9.2	7.0	7.9	9.4	4.9	4.5	4.9	4.4	-0.045	0.001	0.000	0.000
04:00:00	9.9	7.2	7.6	9.4	4.9	4.4	4.7	4.1	-0.044	0.000	0.000	0.000
04:15:00	10.1	6.8	7.8	10.3	5.1	4.4	5.1	4.2	-0.046	0.000	0.000	0.000
04:30:00	9.9	7.0	7.5	11.1	5.2	4.3	5.4	4.0	-0.045	0.000	0.000	0.000
04:45:00	10.0	6.9	7.6	11.4	5.3	4.3	5.4	4.0	-0.046	0.000	0.000	0.000
05:00:00	10.4	6.9	7.2	10.4	5.2	4.4	5.1	3.9	-0.044	0.000	0.000	0.000
05:15:00	9.8	7.2	7.0	10.3	5.0	4.4	5.2	3.9	-0.042	0.000	0.000	0.000
05:30:00	10.4	6.9	7.4	11.2	5.3	4.3	5.5	4.2	-0.037	0.000	0.000	0.000
05:45:00	10.3	7.1	7.6	10.4	5.0	4.3	5.2	4.3	-0.040	0.001	0.000	0.000
06:00:00	9.9	6.8	8.2	11.3	5.0	4.3	5.2	4.5	-0.039	0.000	0.000	0.000
06:15:00	11.3	8.4	10.4	13.8	5.4	4.7	6.4	5.8	-0.038	0.000	0.000	0.000
06:30:00	11.3	7.9	11.1	25.1	5.4	4.7	8.9	6.1	-0.037	0.000	0.000	0.000
06:45:00	11.5	7.0	10.2	23.8	5.6	4.3	7.8	5.4	-0.037	0.000	0.000	0.000
07:00:00	11.9	6.5	12.7	28.0	5.7	4.2	9.6	6.2	-0.036	0.000	0.000	0.000
07:15:00	12.6	4.9	24.7	23.5	6.1	3.1	10.1	9.2	-0.039	0.000	0.000	0.000
07:30:00	14.9	2.9	30.1	18.5	6.6	1.9	8.6	9.5	-0.042	0.001	0.000	0.000
07:45:00	15.8	3.4	19.8	19.5	6.7	2.2	9.2	8.1	-0.045	0.001	0.000	0.000
08:00:00	12.2	6.0	16.0	14.0	5.8	3.6	7.5	7.1	-0.056	0.000	0.000	0.000
08:15:00	15.2	8.3	13.3	12.5	6.4	4.7	6.2	5.9	-0.066	0.000	0.000	0.000
08:30:00	15.5	8.8	17.1	15.9	6.3	4.8	6.2	6.7	-0.069	0.001	0.000	0.000
08:45:00	12.5	9.2	11.6	14.6	5.3	4.7	5.8	5.9	-0.072	0.001	0.000	0.000
09:00:00	12.6	8.8	10.8	14.1	5.3	4.6	5.4	5.3	-0.069	0.001	0.000	0.000
09:15:00	11.6	8.7	10.4	10.7	4.9	4.3	4.6	4.8	-0.063	0.000	0.000	0.000
09:30:00	11.7	8.1	9.9	11.0	4.7	4.1	4.4	4.6	-0.060	0.000	0.000	0.000
09:45:00	12.0	7.9	9.5	10.5	4.7	3.9	4.4	4.5	-0.053	0.000	0.000	0.000
10:00:00	11.4	8.1	9.4	11.0	4.4	4.1	4.4	4.3	-0.042	0.001	0.000	0.000
10:15:00	11.6	8.2	9.7	10.3	4.6	4.2	4.2	4.4	-0.033	0.001	0.000	0.000
10:30:00	12.2	8.1	10.1	9.8	4.7	4.1	4.1	4.4	-0.019	0.001	0.000	0.000
10:45:00	12.7	7.9	10.8	10.5	4.6	3.8	4.2	4.4	-0.005	0.001	0.000	0.000
11:00:00	13.3	7.7	10.0	9.9	4.5	3.5	3.9	3.9	0.009	0.001	0.000	0.006
11:15:00	11.2	8.7	10.2	18.5	4.2	4.1	5.5	4.1	0.022	0.001	0.000	0.021
11:30:00	12.1	7.9	9.4	12.1	4.3	3.7	4.5	4.1	0.024	0.002	0.000	0.013
11:45:00	11.8	7.6	9.5	12.0	4.2	3.5	4.3	3.9	0.032	0.002	0.000	0.010



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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	10.8	7.1	9.8	10.1	3.9	3.3	4.1	3.9	0.027	0.002	0.000	0.001
12:15:00	11.0	7.1	9.5	9.6	4.0	3.3	3.8	3.8	0.021	0.002	0.000	0.000
12:30:00	11.3	7.4	8.9	9.4	4.1	3.4	3.7	3.6	0.009	0.002	0.000	0.000
12:45:00	11.2	7.7	8.4	9.7	4.2	3.5	3.8	3.5	-0.018	0.003	0.000	0.000
13:00:00	40.0	7.3	8.7	10.1	7.7	3.4	3.9	3.6	-0.040	0.002	0.000	0.000
13:15:00	10.9	7.3	8.9	10.3	4.1	3.5	4.1	3.6	-0.066	0.002	0.000	0.000
13:30:00	70.7	7.3	26.8	12.9	11.5	3.4	4.3	4.9	-0.100	0.002	0.000	0.000
13:45:00	11.0	7.3	9.1	9.3	4.0	3.4	3.8	3.6	-0.150	0.003	0.000	0.000
14:00:00	10.3	7.3	9.2	10.0	3.9	3.4	3.9	3.7	-0.196	0.002	0.000	0.000
14:15:00	10.3	7.3	8.8	9.7	3.8	3.3	3.9	3.8	-0.227	0.002	0.000	0.000
14:30:00	10.2	7.4	8.9	9.9	3.9	3.4	3.9	3.8	-0.233	0.001	0.000	0.000
14:45:00	10.4	7.1	9.9	10.2	4.0	3.5	4.1	3.9	-0.233	0.001	0.000	0.000
15:00:00	10.5	7.3	9.7	10.4	4.0	3.5	4.1	3.8	-0.220	0.001	0.000	0.000
15:15:00	11.1	7.3	8.8	10.1	4.1	3.4	4.1	3.8	-0.239	0.001	0.000	0.000
15:30:00	43.1	7.1	8.6	11.2	7.4	3.5	4.3	3.7	-0.263	0.001	0.000	0.000
15:45:00	10.1	7.5	8.8	10.3	3.9	3.7	4.1	3.9	-0.274	0.001	0.000	0.000
16:00:00	70.5	7.5	9.3	9.8	10.3	3.7	4.1	3.9	-0.291	0.001	0.000	0.000
16:15:00	10.6	7.3	10.4	9.6	4.0	3.7	4.0	4.0	-0.288	0.000	0.000	0.000
16:30:00	160.9	8.0	9.0	9.8	19.7	3.7	4.1	3.8	-0.232	0.000	0.000	0.000
16:45:00	28.0		10.0	58.0	6.0		12.8	3.9	-0.198		0.000	0.000
17:00:00	11.8		9.9	26.5	4.2		6.9	3.8	-0.130		0.000	0.003
17:15:00	9.6		9.0	10.8	3.9		4.4	3.8	-0.058		0.000	0.003
17:30:00	8.7		7.4	9.8	3.8		4.2	3.5	-0.027		0.000	0.001
17:45:00	10.5		14.1	11.6	3.9		4.4	4.6	-0.012		0.000	0.000
18:00:00	7.9		10.8	9.1	3.6		4.0	4.1	0.000		0.000	0.000
18:15:00	7.5		17.7	11.4	3.6		4.5	5.1	0.007		0.003	0.000
18:30:00	117.2		14.6	20.3	17.2		6.0	4.6	0.000		0.003	0.000
18:45:00	7.9		15.0	28.9	3.7		7.5	4.8	-0.006		0.002	0.000
19:00:00	31.4		14.1	80.6	6.2		15.5	4.7	-0.010		0.002	0.000
19:15:00	128.5		12.8	38.1	18.6		9.5	4.4	-0.016		0.002	0.000
19:30:00	14.4		12.3	67.4	4.3		14.5	4.3	-0.022		0.001	0.000
19:45:00	9.8		10.4	27.1	3.8		7.2	4.1	-0.028		0.001	0.000
20:00:00	16.6		10.8	31.8	5.2		8.3	4.7	-0.036		0.000	0.000
20:15:00	29.3		83.7	29.4	7.5		9.6	16.0	-0.045		0.000	0.000
20:30:00	14.7		39.3	15.6	5.2		6.1	10.0	-0.062		0.000	0.000
20:45:00	90.5		34.1	14.9	13.9		5.8	9.6	-0.068		0.000	0.000
21:00:00	25.5		31.2	12.6	6.7		5.2	8.9	-0.068		0.000	0.000
21:15:00	51.2		22.6	19.2	10.0		6.2	7.3	-0.068		0.000	0.000
21:30:00	19.5		20.5	16.0	5.7		5.7	7.3	-0.067		0.000	0.000
21:45:00	12.9		18.0	18.6	4.8		6.0	6.7	-0.064		0.000	0.000
22:00:00	11.2		16.2	13.6	4.4		5.0	5.9	-0.063		0.000	0.000
22:15:00	11.1		25.9	27.9	4.4		6.8	7.4	-0.063		0.000	0.000
22:30:00	10.1		29.2	16.1	4.2		5.3	8.8	-0.059		0.000	0.000
22:45:00	10.1		21.3	14.1	4.3		5.2	8.9	-0.057		0.000	0.000
23:00:00	10.6		15.6	16.1	4.6		6.2	7.0	-0.053		0.000	0.000
23:15:00	11.8		12.7	16.2	5.1		6.5	5.6	-0.056		0.000	0.000
23:30:00	12.3		9.8	17.0	5.6		7.3	4.9	-0.055		0.000	0.000
23:45:00	11.6		11.0	14.3	5.7		6.8	5.6	-0.054		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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16:30:00 160.9