



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-02

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 7.650	2943 ESE	2693 None	2996 None	2997 WNW	Min : 46.40 Max : 88.70	Min : 34.50 Max : 88.40	Min : 30.00 Max : 30.23

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)
2943	13.4	234.2	5.4	33.1	-0.043	0.023
2997	9.2	23.6	6.1	21.2	0.001	0.018



Figure 1 : Monitoring Locations

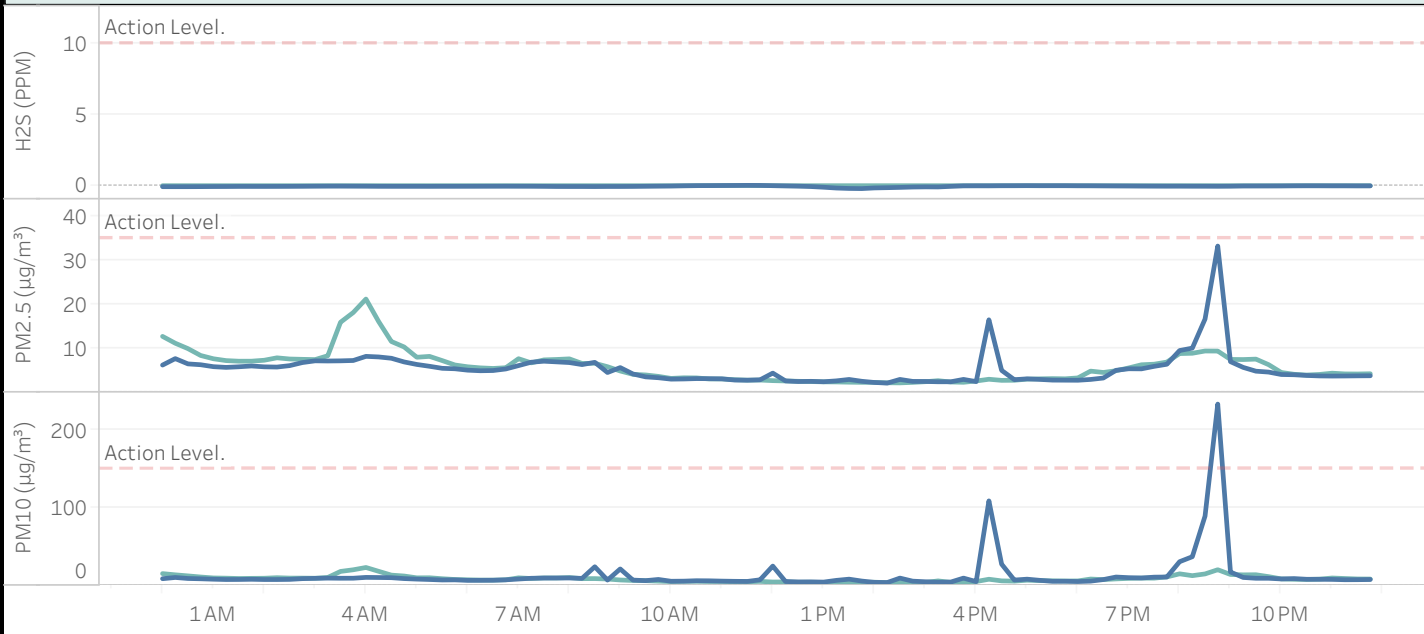


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2997



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Wind Rose Chart 2943

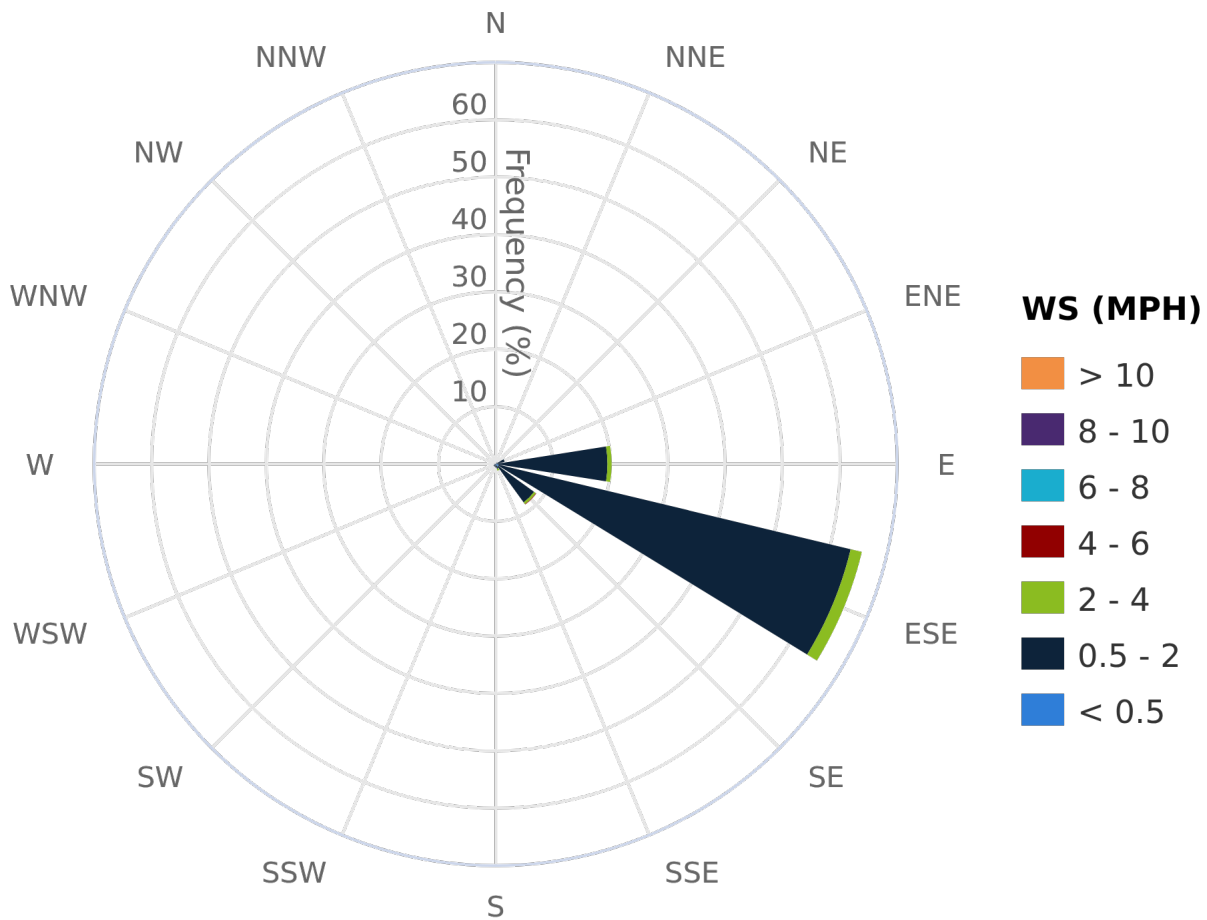


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-10-27

Wind Rose Chart 2693

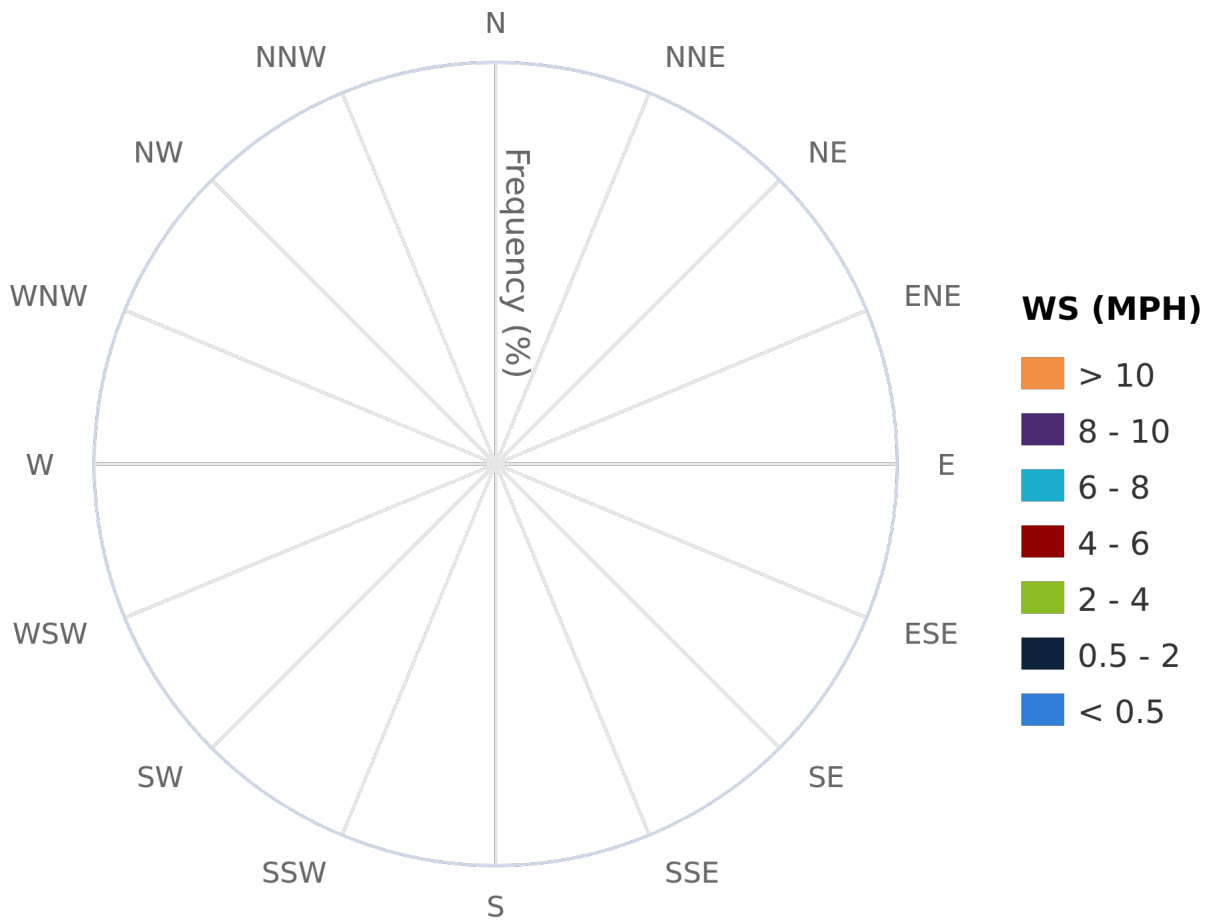


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-10-29

Wind Rose Chart 2996

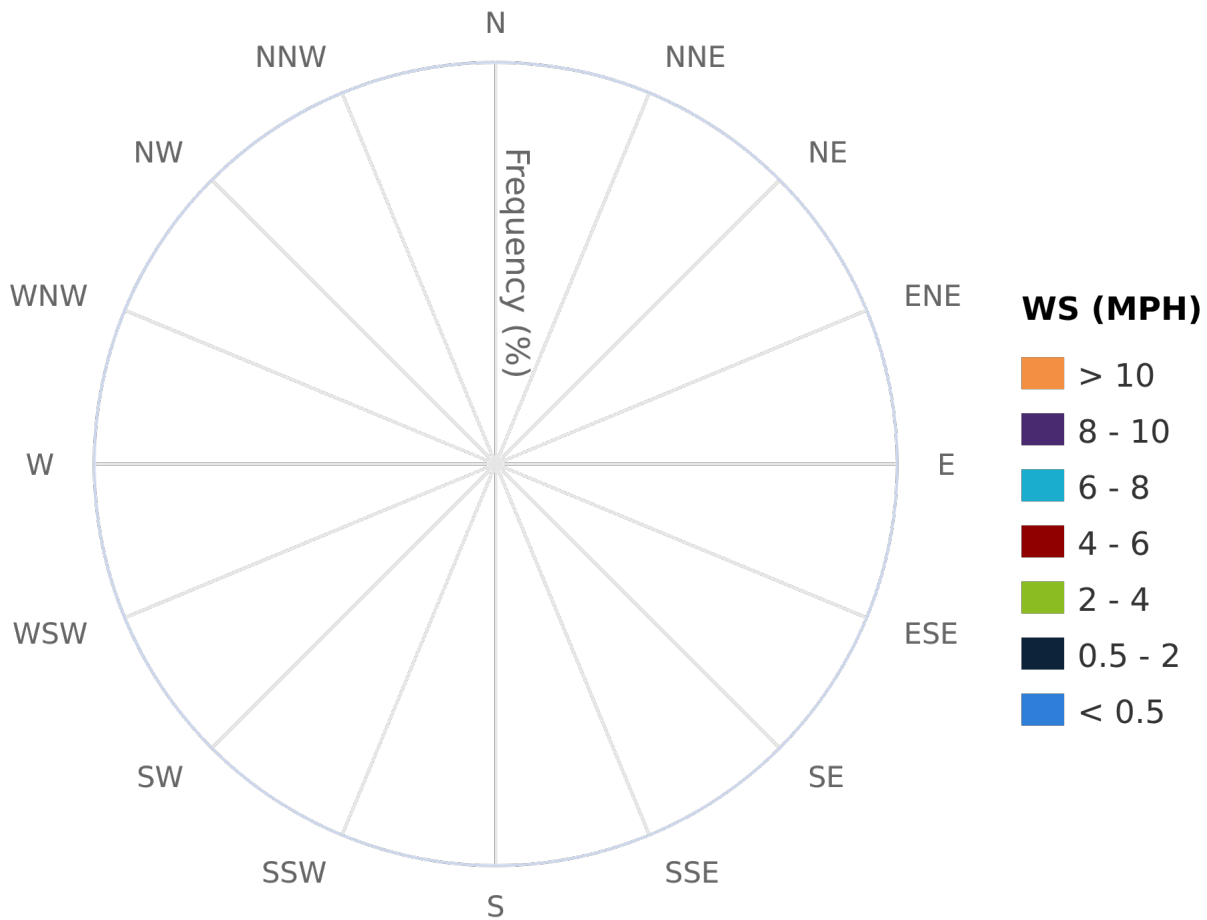


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

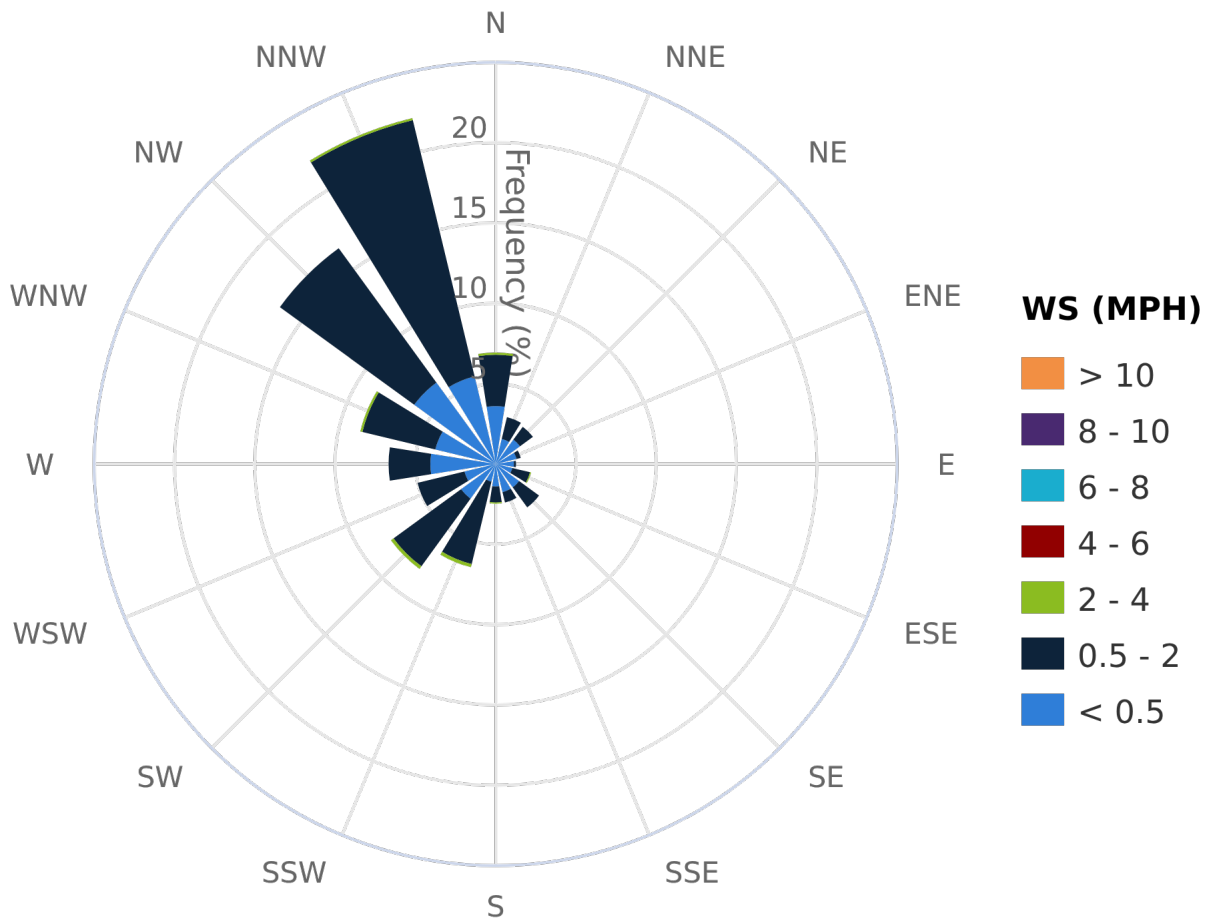


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.1		15.7		6.2			12.7	-0.070			0.000
00:15:00	10.7		14.1		7.7			11.2	-0.071			0.000
00:30:00	9.4		12.7		6.5			9.9	-0.070			0.000
00:45:00	9.0		11.3		6.3			8.4	-0.066			0.000
01:00:00	8.5		10.1		5.9			7.7	-0.060			0.000
01:15:00	8.0		9.8		5.7			7.2	-0.058			0.000
01:30:00	8.1		9.4		5.8			7.1	-0.052			0.000
01:45:00	8.4		9.6		6.0			7.1	-0.052			0.000
02:00:00	8.0		9.7		5.8			7.3	-0.053			0.000
02:15:00	8.0		10.4		5.8			7.9	-0.051			0.000
02:30:00	8.2		9.9		6.1			7.6	-0.048			0.000
02:45:00	9.2		9.9		6.8			7.5	-0.043			0.000
03:00:00	9.6		9.7		7.2			7.5	-0.037			0.000
03:15:00	9.9		10.7		7.2			8.3	-0.033			0.000
03:30:00	9.7		18.5		7.2			15.9	-0.031			0.000
03:45:00	9.7		20.6		7.3			18.1	-0.035			0.000
04:00:00	10.8		23.6		8.2			21.2	-0.038			0.000
04:15:00	10.6		18.6		8.1			16.1	-0.044			0.000
04:30:00	10.4		13.7		7.8			11.6	-0.046			0.000
04:45:00	9.3		12.6		6.9			10.3	-0.046			0.000
05:00:00	8.6		10.2		6.4			8.0	-0.046			0.000
05:15:00	8.1		10.3		6.0			8.2	-0.047			0.000
05:30:00	7.5		9.1		5.5			7.2	-0.045			0.000
05:45:00	7.6		8.1		5.4			6.3	-0.045			0.000
06:00:00	6.9		7.7		5.1			5.8	-0.043			0.000
06:15:00	7.0		7.4		4.9			5.6	-0.041			0.000
06:30:00	7.1		7.3		5.0			5.5	-0.040			0.000
06:45:00	7.7		7.7		5.4			5.6	-0.038			0.000
07:00:00	8.7		10.2		6.1			7.7	-0.040			0.000
07:15:00	9.7		9.4		6.9			6.7	-0.042			0.000
07:30:00	9.9		10.1		7.1			7.4	-0.048			0.000
07:45:00	10.0		10.0		7.0			7.5	-0.056			0.000
08:00:00	10.0		10.6		6.8			7.6	-0.058			0.000
08:15:00	9.6		9.2		6.3			6.6	-0.058			0.000
08:30:00	24.5		9.2		6.9			6.6	-0.061			0.000
08:45:00	7.3		8.7		4.5			5.9	-0.056			0.000
09:00:00	21.7		7.5		5.7			4.9	-0.056			0.000
09:15:00	7.3		6.8		4.2			4.1	-0.052			0.000
09:30:00	6.6		6.6		3.6			4.0	-0.043			0.000
09:45:00	8.2		6.0		3.4			3.7	-0.034			0.000
10:00:00	5.8		5.4		3.1			3.2	-0.026			0.000
10:15:00	6.0		5.7		3.1			3.4	-0.009			0.000
10:30:00	6.5		5.8		3.2			3.3	0.003			0.001
10:45:00	6.4		5.5		3.2			3.1	0.005			0.007
11:00:00	6.0		5.5		3.1			3.1	0.010			0.013
11:15:00	5.7		5.2		2.8			2.9	0.015			0.018
11:30:00	5.6		5.1		2.8			2.8	0.023			0.016
11:45:00	7.7		5.7		2.9			2.8	0.019			0.009



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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	25.4		4.9		4.4			2.7	0.000			0.003
12:15:00	5.5		4.9		2.6			2.6	-0.017			0.000
12:30:00	4.9		4.6		2.5			2.6	-0.035			0.000
12:45:00	5.0		4.5		2.6			2.5	-0.061			0.000
13:00:00	4.8		4.3		2.5			2.4	-0.108			0.000
13:15:00	7.0		4.4		2.7			2.4	-0.165			0.000
13:30:00	8.5		4.1		3.0			2.4	-0.194			0.000
13:45:00	6.1		4.3		2.6			2.3	-0.203			0.000
14:00:00	4.4		4.6		2.3			2.3	-0.157			0.000
14:15:00	4.2		4.1		2.2			2.2	-0.140			0.000
14:30:00	9.9		4.2		3.0			2.2	-0.120			0.000
14:45:00	6.0		4.3		2.5			2.3	-0.094			0.000
15:00:00	5.2		4.3		2.5			2.5	-0.084			0.000
15:15:00	4.5		6.3		2.5			2.7	-0.089			0.000
15:30:00	4.8		4.4		2.5			2.4	-0.048			0.000
15:45:00	9.9		4.3		3.0			2.3	-0.012			0.000
16:00:00	5.4		5.5		2.5			2.6	-0.010			0.000
16:15:00	109.4		8.4		16.5			3.0	-0.011			0.001
16:30:00	27.9		6.3		5.0			2.8	-0.004			0.001
16:45:00	7.4		6.0		2.9			2.8	-0.002			0.001
17:00:00	8.5		7.2		3.1			3.0	0.002			0.001
17:15:00	7.0		6.6		3.0			3.1	-0.002			0.000
17:30:00	5.8		6.4		2.8			3.2	-0.001			0.000
17:45:00	5.8		6.2		2.8			3.1	0.000			0.000
18:00:00	5.5		6.2		2.8			3.3	-0.007			0.000
18:15:00	6.0		8.7		3.0			4.9	-0.009			0.000
18:30:00	8.0		8.0		3.3			4.6	-0.014			0.000
18:45:00	11.3		8.8		5.0			5.0	-0.020			0.000
19:00:00	10.5		9.5		5.4			5.6	-0.023			0.000
19:15:00	10.1		9.9		5.4			6.3	-0.029			0.000
19:30:00	11.1		9.8		5.9			6.4	-0.033			0.000
19:45:00	11.3		11.4		6.4			6.9	-0.035			0.000
20:00:00	31.0		15.4		9.5			8.8	-0.034			0.000
20:15:00	37.4		13.0		10.1			8.9	-0.037			0.000
20:30:00	89.8		15.3		16.6			9.4	-0.039			0.000
20:45:00	234.2		20.7		33.1			9.4	-0.042			0.000
21:00:00	17.7		14.6		7.0			7.5	-0.037			0.000
21:15:00	10.7		14.1		5.7			7.5	-0.023			0.000
21:30:00	9.7		14.2		4.9			7.6	-0.022			0.000
21:45:00	9.7		11.8		4.6			6.3	-0.021			0.000
22:00:00	8.8		8.9		4.1			4.6	-0.018			0.000
22:15:00	9.3		8.3		4.0			4.2	-0.011			0.001
22:30:00	8.4		8.2		3.9			4.0	-0.008			0.003
22:45:00	8.3		8.6		3.8			4.1	-0.009			0.001
23:00:00	8.2		10.0		3.7			4.4	-0.011			0.000
23:15:00	7.8		9.4		3.8			4.2	-0.011			0.000
23:30:00	7.8		8.8		3.8			4.2	-0.015			0.000
23:45:00	8.1		8.7		3.8			4.3	-0.014			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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20:45:00 234.2