



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-03

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1120 Max : 11.45	2943 ESE	2693 None	2996 None	2997 NNW	Min : 48.38 Max : 87.26	Min : 30.80 Max : 83.30	Min : 30.06 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)
2943	23.3	345.8	7.2	48.0	-0.072	0.031
2997	12.1	34.0	7.2	25.7	0.001	0.020



Figure 1 : Monitoring Locations

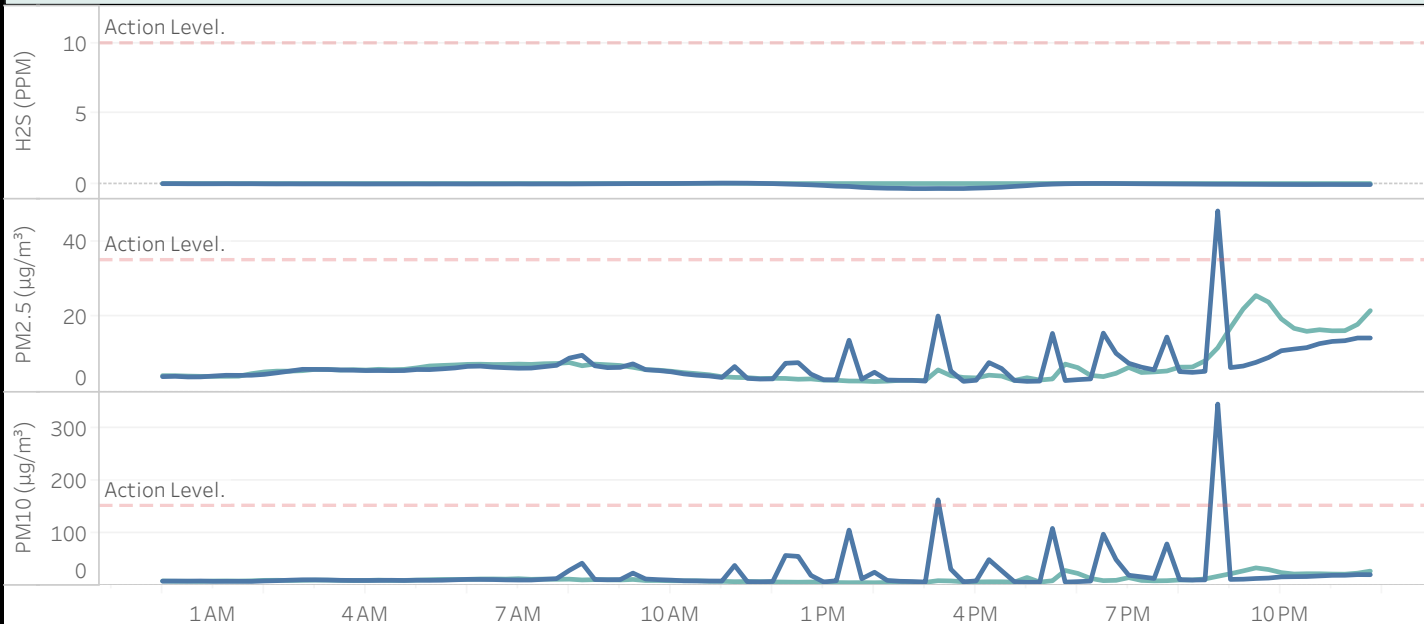


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2997



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Wind Rose Chart 2943

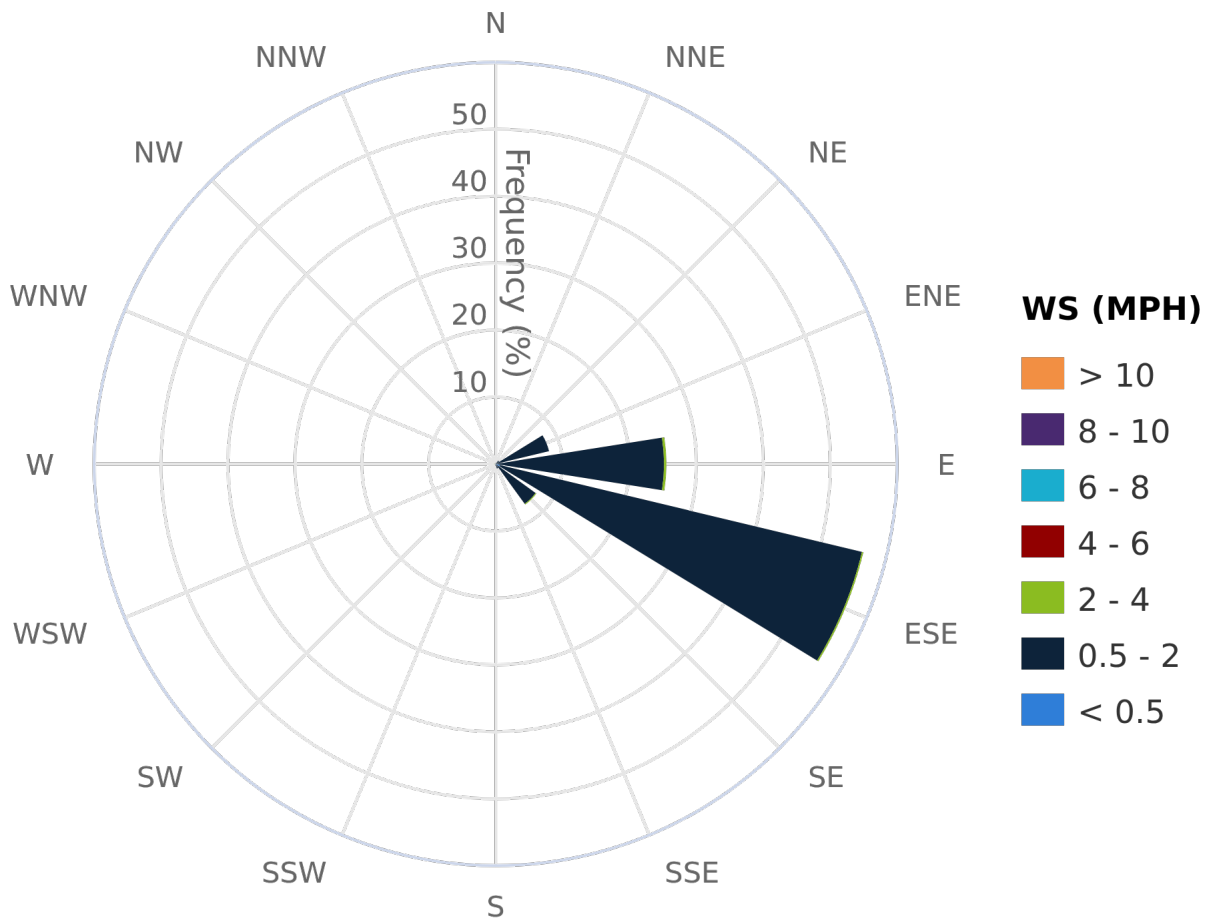


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-10-27

Wind Rose Chart 2693

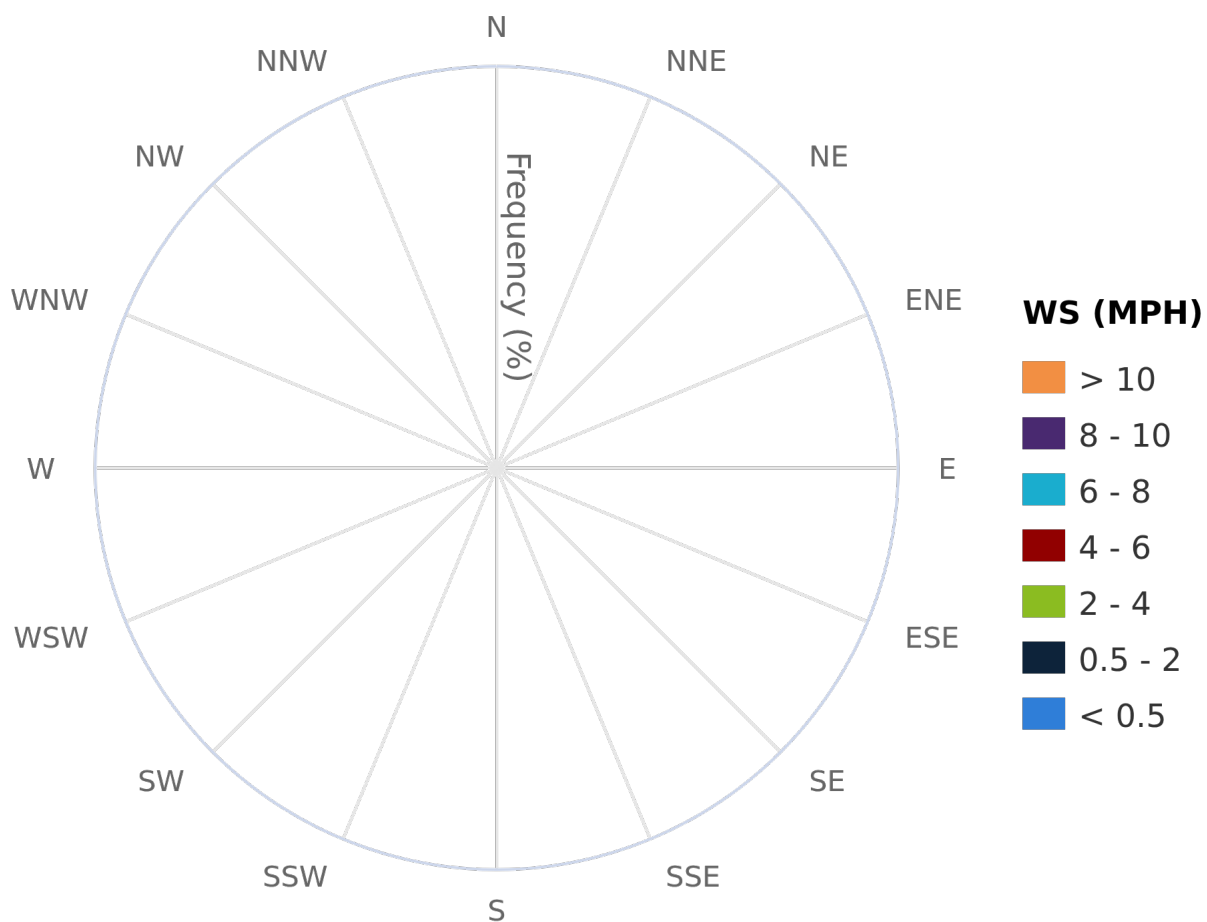


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-10-29

Wind Rose Chart 2996

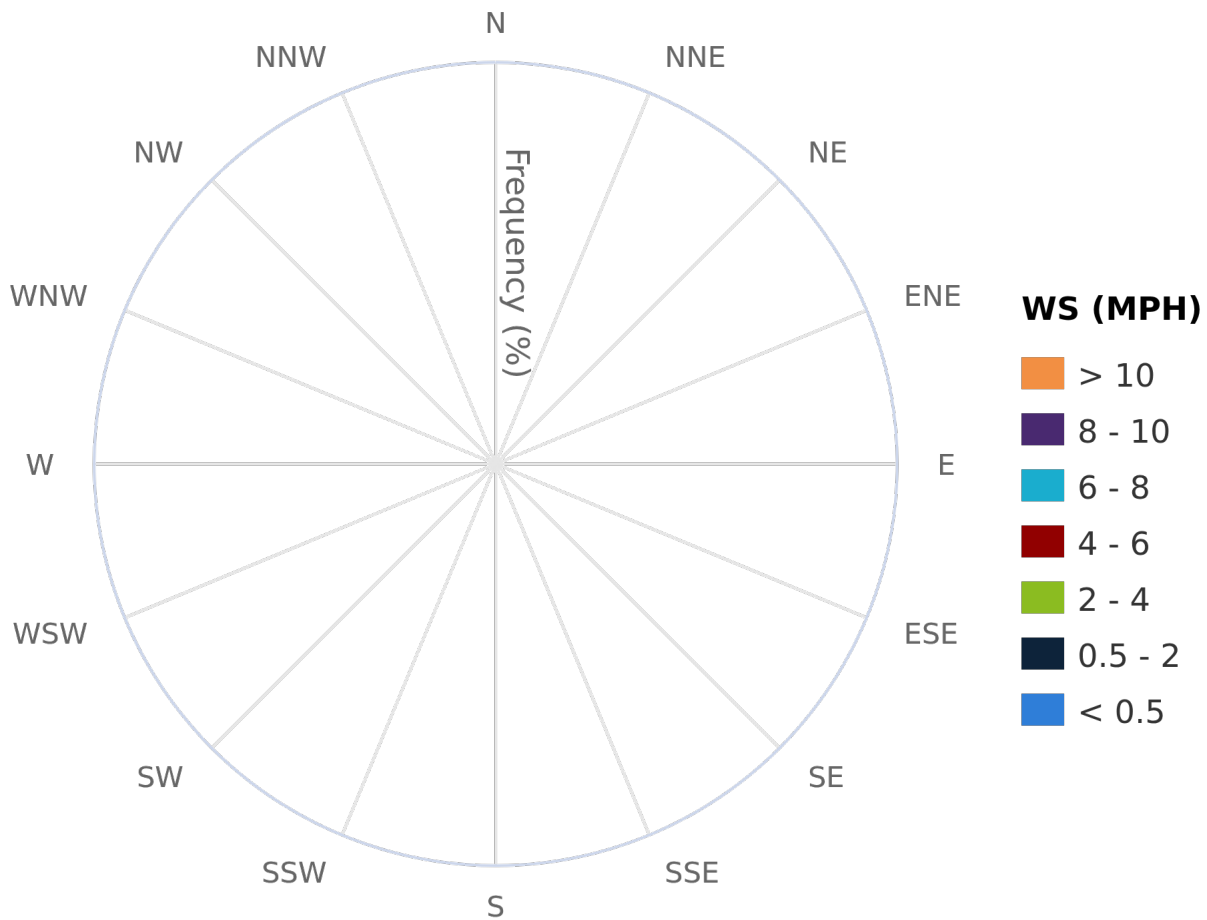


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

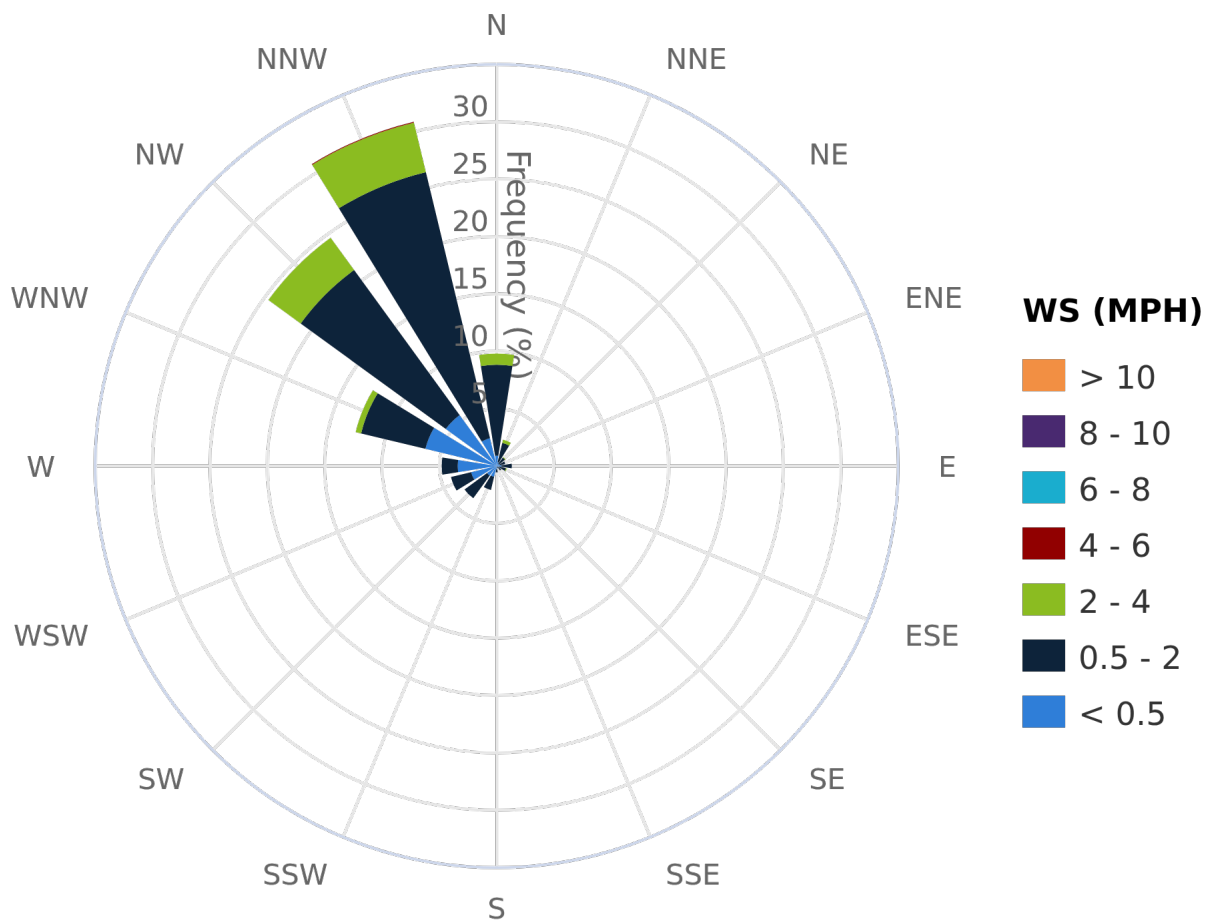


Figure 3 : Wind Rose Chart (WS in MPH)



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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	8.8		9.1		4.2			4.5	-0.010			0.000
00:15:00	9.0		8.5		4.3			4.5	-0.009			0.000
00:30:00	8.8		8.7		4.1			4.4	-0.016			0.001
00:45:00	9.1		8.3		4.2			4.3	-0.017			0.000
01:00:00	8.4		9.0		4.4			4.3	-0.016			0.000
01:15:00	8.5		9.2		4.6			4.3	-0.013			0.000
01:30:00	8.5		9.0		4.6			4.4	-0.016			0.000
01:45:00	8.3		9.4		4.6			5.0	-0.015			0.000
02:00:00	9.2		10.3		4.8			5.5	-0.023			0.000
02:15:00	9.7		10.4		5.2			5.7	-0.026			0.000
02:30:00	10.7		10.1		5.7			5.7	-0.024			0.000
02:45:00	11.3		10.4		6.2			5.8	-0.028			0.000
03:00:00	11.3		10.8		6.1			6.1	-0.027			0.000
03:15:00	11.0		10.7		6.1			6.1	-0.028			0.000
03:30:00	10.4		10.3		6.0			6.0	-0.028			0.000
03:45:00	10.2		10.0		5.9			6.1	-0.029			0.000
04:00:00	10.1		10.1		5.8			6.0	-0.031			0.000
04:15:00	10.2		10.8		5.8			6.2	-0.029			0.000
04:30:00	10.5		10.2		5.8			6.1	-0.030			0.000
04:45:00	10.1		10.2		5.8			6.1	-0.029			0.000
05:00:00	10.6		10.8		6.1			6.5	-0.028			0.000
05:15:00	10.4		11.5		6.1			7.0	-0.030			0.000
05:30:00	10.6		12.0		6.3			7.2	-0.028			0.000
05:45:00	11.4		11.9		6.5			7.3	-0.029			0.000
06:00:00	12.1		12.3		6.9			7.5	-0.031			0.000
06:15:00	12.0		12.9		7.0			7.5	-0.029			0.000
06:30:00	11.8		13.0		6.7			7.4	-0.030			0.000
06:45:00	11.2		12.7		6.6			7.4	-0.029			0.000
07:00:00	10.9		13.5		6.5			7.5	-0.026			0.000
07:15:00	11.0		12.3		6.5			7.5	-0.030			0.000
07:30:00	12.3		12.7		6.9			7.6	-0.028			0.000
07:45:00	13.6		12.3		7.2			7.7	-0.028			0.000
08:00:00	29.3		12.6		9.1			7.9	-0.029			0.000
08:15:00	43.0		11.1		9.9			7.1	-0.024			0.000
08:30:00	11.9		11.7		7.1			7.5	-0.019			0.000
08:45:00	11.5		11.3		6.6			7.4	-0.014			0.000
09:00:00	11.7		11.0		6.7			7.2	-0.010			0.000
09:15:00	24.1		12.0		7.6			6.7	-0.004			0.000
09:30:00	12.8		10.0		6.1			6.1	-0.002			0.000
09:45:00	11.6		10.1		5.8			5.9	0.001			0.002
10:00:00	10.8		9.5		5.5			5.7	0.003			0.005
10:15:00	9.5		9.4		5.0			5.3	0.009			0.008
10:30:00	9.2		9.5		4.6			5.0	0.018			0.014
10:45:00	9.1		8.5		4.4			4.7	0.024			0.019
11:00:00	9.0		8.5		4.0			4.2	0.031			0.020
11:15:00	38.7		7.8		6.9			4.0	0.029			0.019
11:30:00	7.7		8.1		3.8			4.0	0.028			0.011
11:45:00	7.4		7.9		3.6			3.7	0.012			0.003



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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	8.2		7.4		3.6			3.8	-0.006			0.000
12:15:00	57.6		7.0		7.8			3.8	-0.035			0.000
12:30:00	55.9		6.8		7.9			3.5	-0.062			0.000
12:45:00	19.7		7.2		4.9			3.6	-0.091			0.000
13:00:00	7.3		6.6		3.4			3.3	-0.133			0.000
13:15:00	9.6		6.1		3.4			3.3	-0.185			0.000
13:30:00	105.9		5.9		13.8			3.1	-0.205			0.000
13:45:00	13.3		6.0		3.5			3.1	-0.272			0.000
14:00:00	25.8		5.8		5.4			2.9	-0.307			0.000
14:15:00	10.2		6.2		3.3			3.0	-0.332			0.000
14:30:00	8.6		7.0		3.3			3.2	-0.340			0.000
14:45:00	8.1		6.5		3.3			3.2	-0.358			0.000
15:00:00	7.1		6.6		3.0			3.2	-0.359			0.000
15:15:00	163.5		9.7		20.3			6.0	-0.351			0.000
15:30:00	31.6		9.2		5.8			4.5	-0.354			0.000
15:45:00	7.4		7.7		3.0			4.0	-0.354			0.000
16:00:00	9.3		7.2		3.3			3.9	-0.325			0.000
16:15:00	49.7		7.6		7.9			4.6	-0.301			0.000
16:30:00	28.6		7.6		6.4			4.4	-0.264			0.000
16:45:00	7.7		7.0		3.2			3.2	-0.202			0.000
17:00:00	6.5		15.7		3.0			3.9	-0.148			0.000
17:15:00	7.0		7.0		3.1			3.3	-0.080			0.003
17:30:00	109.2		9.5		15.7			3.6	-0.041			0.005
17:45:00	7.0		29.1		3.2			7.5	-0.016			0.007
18:00:00	7.9		23.4		3.4			6.6	-0.002			0.003
18:15:00	8.9		13.9		3.6			4.6	0.005			0.001
18:30:00	98.1		9.8		15.7			4.2	0.006			0.000
18:45:00	49.8		10.4		10.4			5.1	0.002			0.000
19:00:00	20.0		15.5		7.8			6.7	-0.008			0.000
19:15:00	17.1		10.2		6.7			5.3	-0.015			0.000
19:30:00	13.9		9.4		6.0			5.5	-0.021			0.000
19:45:00	79.6		9.7		14.7			5.7	-0.026			0.000
20:00:00	11.6		11.1		5.6			6.7	-0.033			0.000
20:15:00	10.9		11.1		5.4			6.8	-0.037			0.000
20:30:00	11.2		13.0		5.6			8.4	-0.044			0.000
20:45:00	345.8		18.0		48.0			11.8	-0.049			0.000
21:00:00	12.1		22.9		6.6			17.2	-0.050			0.000
21:15:00	12.5		28.3		7.0			22.1	-0.057			0.000
21:30:00	13.8		34.0		8.0			25.7	-0.060			0.000
21:45:00	14.7		30.9		9.3			23.9	-0.065			0.000
22:00:00	17.0		25.0		11.1			19.5	-0.068			0.000
22:15:00	17.3		22.3		11.5			17.0	-0.069			0.000
22:30:00	17.6		22.9		11.9			16.2	-0.072			0.000
22:45:00	18.7		22.8		12.9			16.6	-0.069			0.000
23:00:00	19.8		22.3		13.5			16.3	-0.069			0.000
23:15:00	20.0		22.1		13.7			16.4	-0.071			0.000
23:30:00	21.2		24.0		14.4			18.0	-0.072			0.000
23:45:00	21.1		27.9		14.4			21.7	-0.073			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)
15:15:00	163.5											
20:45:00	345.8				48.0							