



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-26

Table 1 : Weather Summary

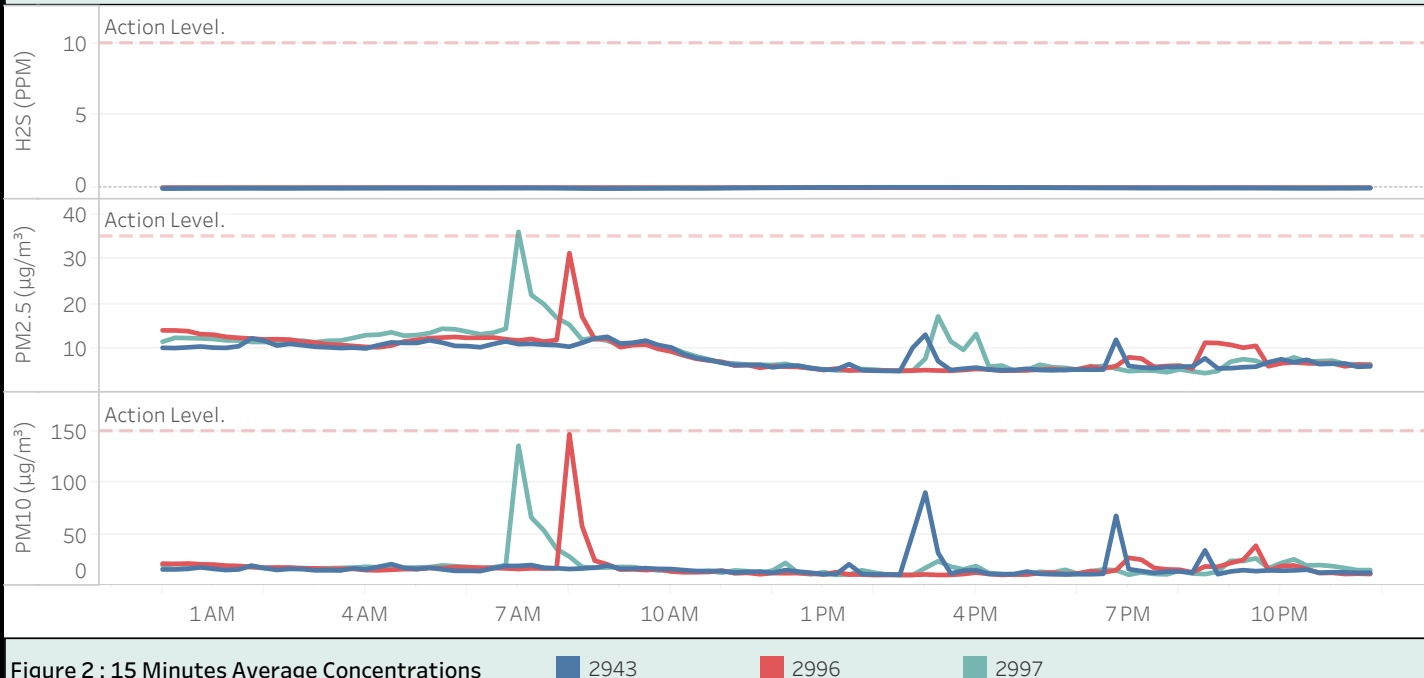
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 19.44	2943 E	2693 None	2996 ESE	2997 SSW	Min : 56.30 Max : 81.68	Min : 62.50 Max : 88.30	Min : 30.01 Max : 30.27

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	16.9	90.3	8.2	13.0	-0.024	0.027
2996	17.4	146.8	8.9	31.4	0.000	0.000
2997	18.7	135.6	9.4	36.2	0.003	0.021



Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

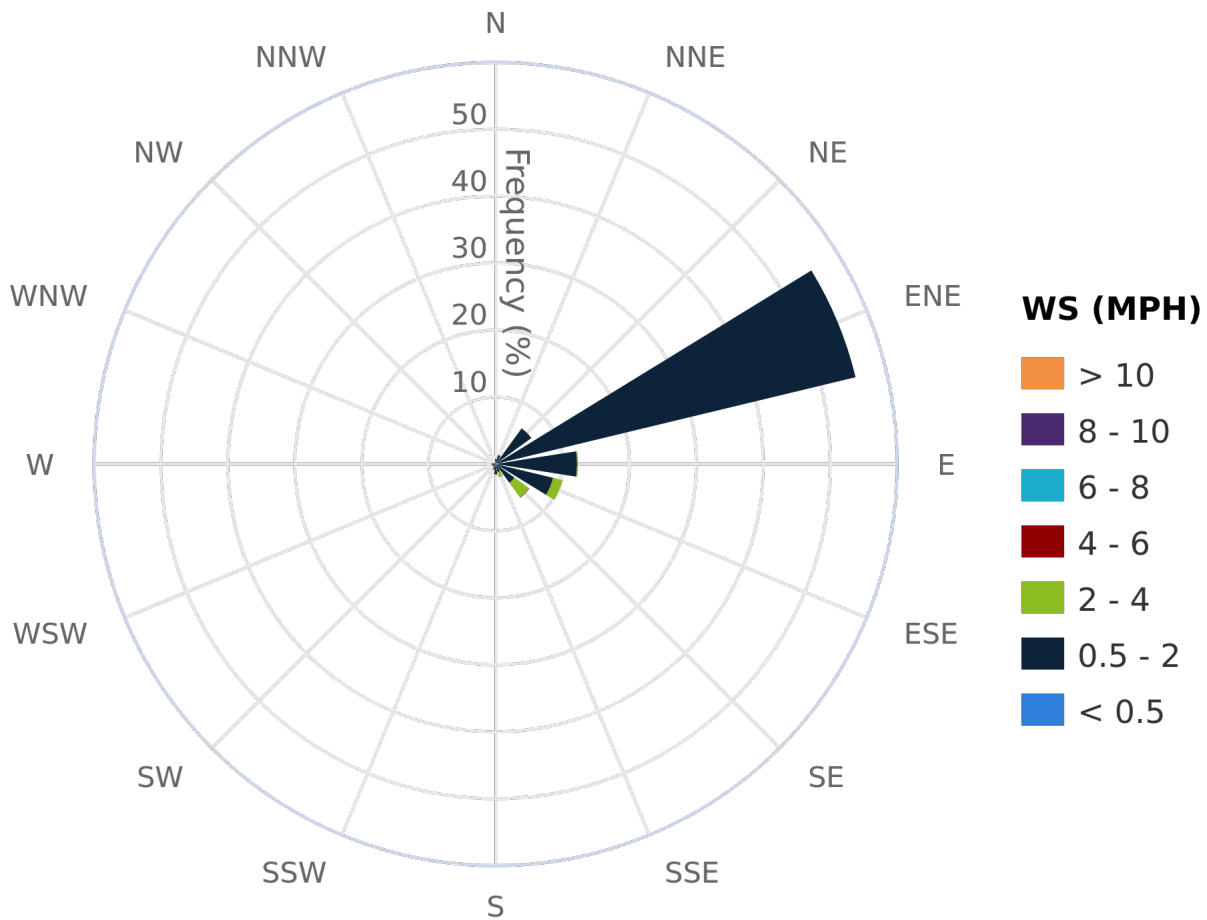


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-11-24

Wind Rose Chart 2693

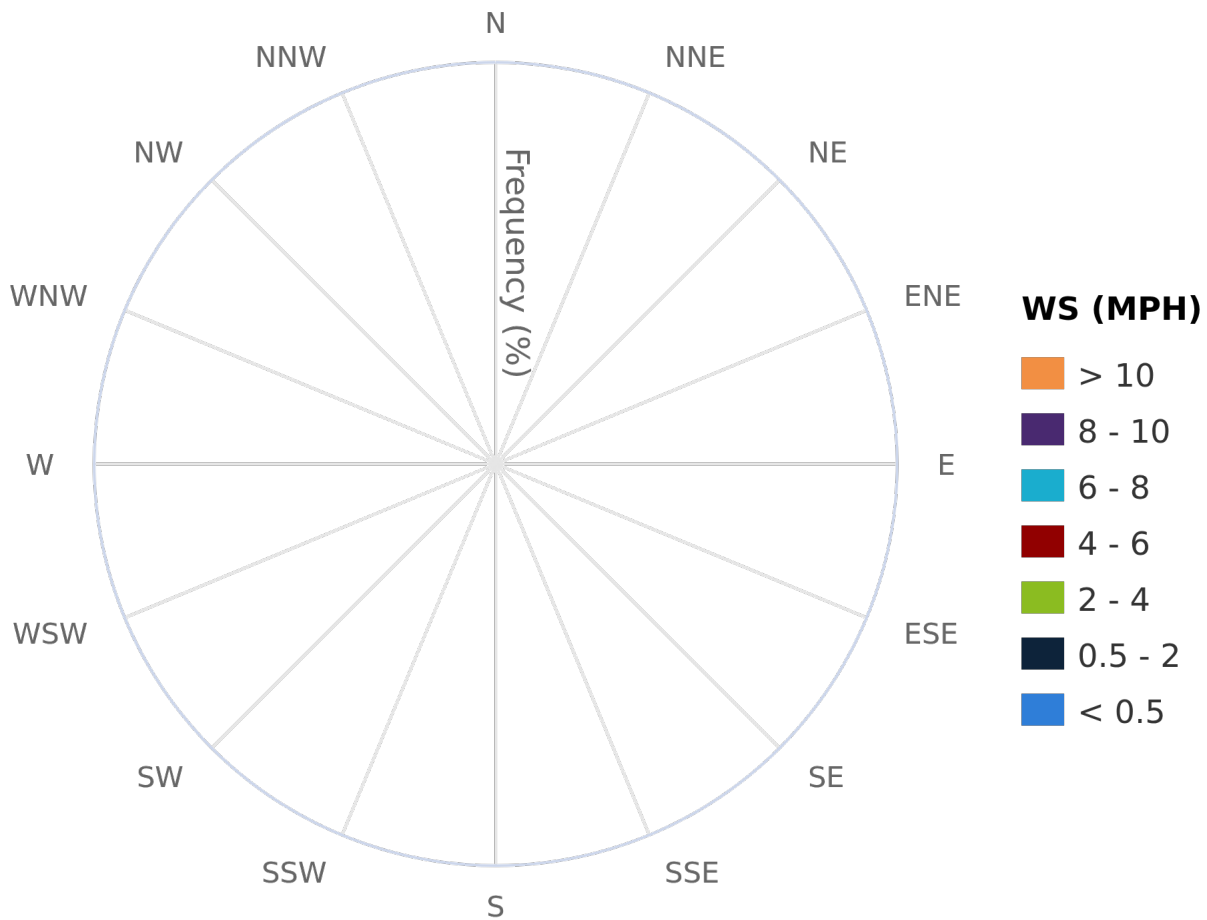


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

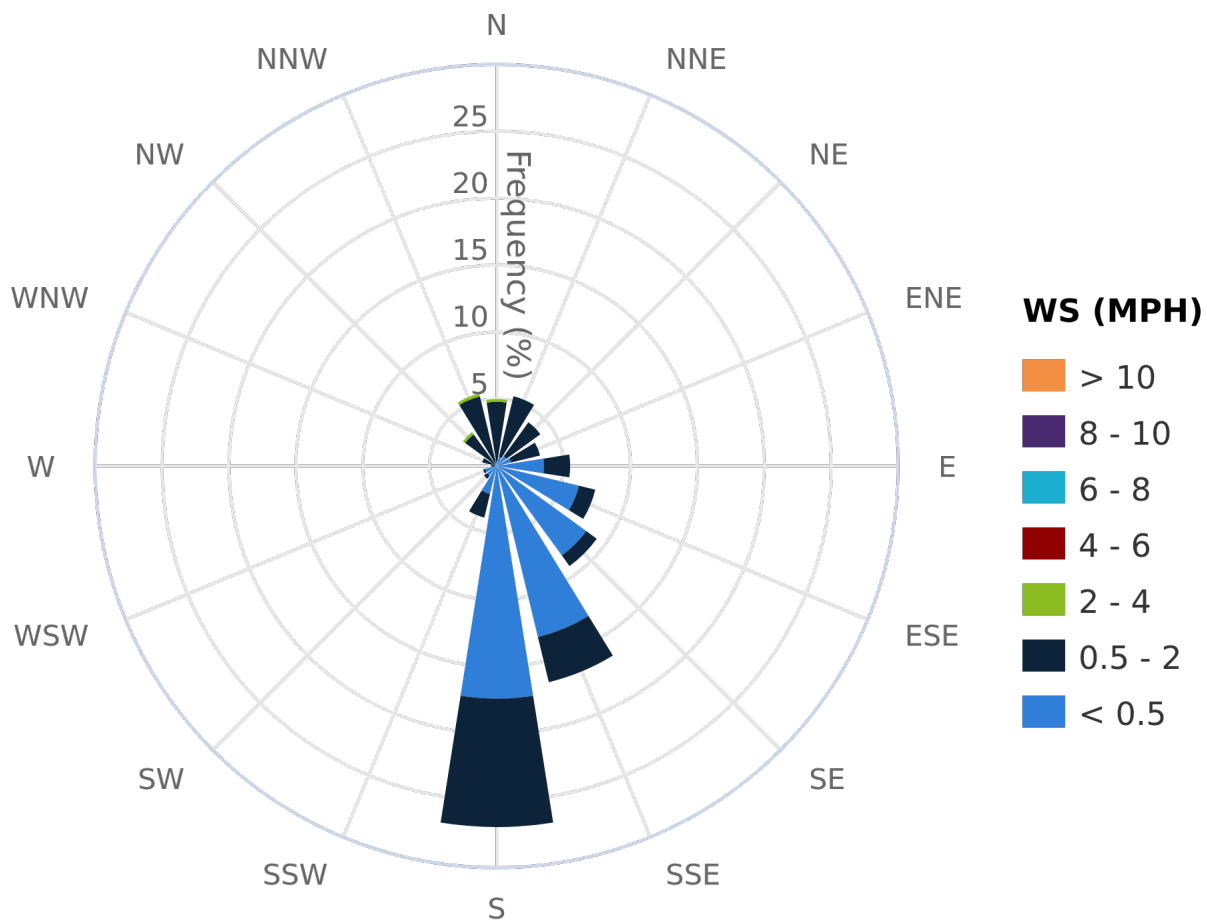


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

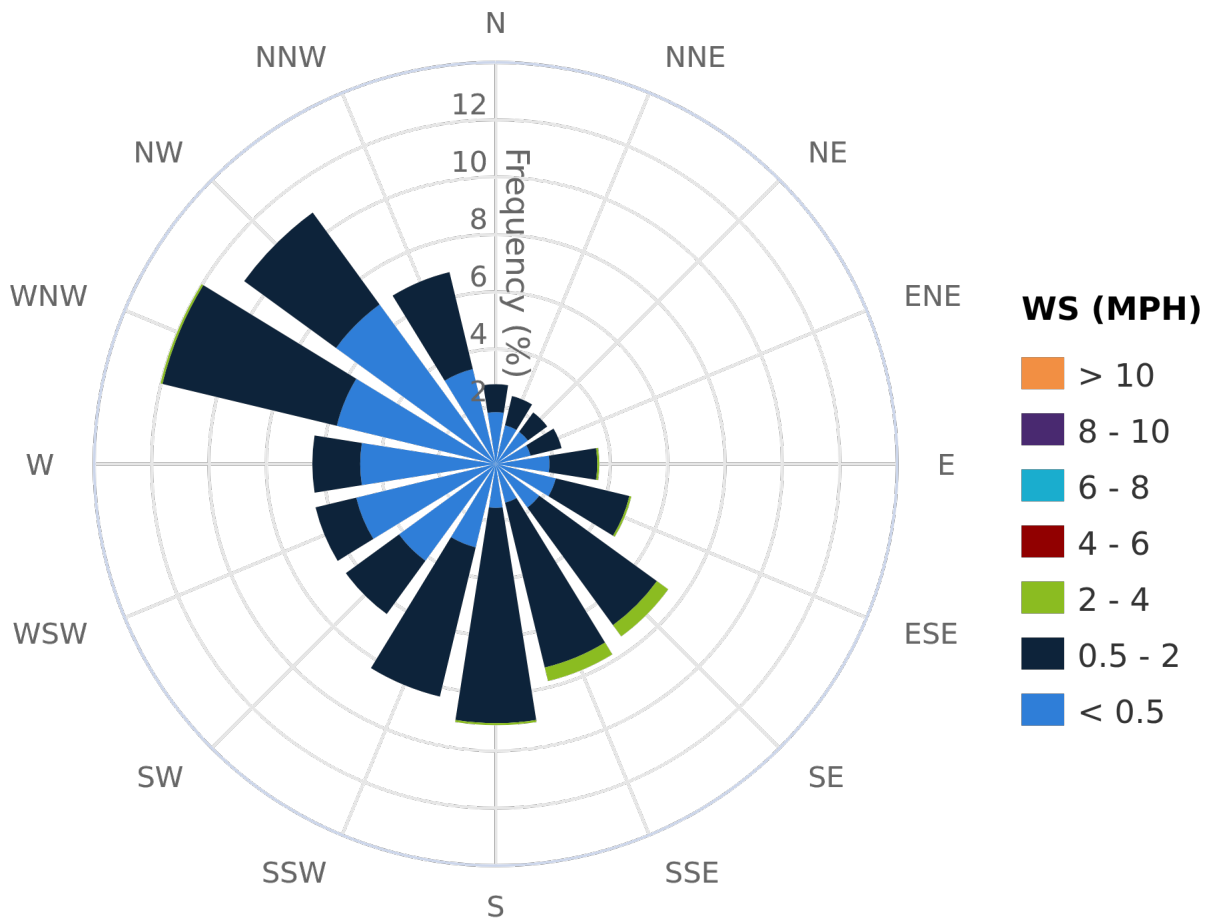


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.8		19.8	21.4	10.1		14.0	11.4	-0.062		0.000	0.000
00:15:00	15.8		21.1	21.1	10.0		14.0	12.3	-0.058		0.000	0.000
00:30:00	16.4		20.3	21.6	10.2		13.8	12.3	-0.053		0.000	0.000
00:45:00	17.8		19.0	20.8	10.4		13.1	12.2	-0.050		0.000	0.000
01:00:00	16.4		19.4	20.5	10.1		13.0	12.1	-0.050		0.000	0.000
01:15:00	15.2		18.3	19.5	10.1		12.6	11.7	-0.050		0.000	0.000
01:30:00	15.8		17.9	19.2	10.4		12.3	11.7	-0.046		0.000	0.000
01:45:00	19.5		18.1	18.3	12.2		12.2	11.4	-0.045		0.000	0.000
02:00:00	17.1		17.0	17.5	11.7		12.0	11.4	-0.047		0.000	0.000
02:15:00	15.3		17.2	17.7	10.6		12.0	11.4	-0.050		0.000	0.000
02:30:00	16.4		17.0	17.7	11.0		11.9	11.6	-0.047		0.000	0.000
02:45:00	16.1		17.2	16.8	10.7		11.5	11.7	-0.044		0.000	0.000
03:00:00	14.9		16.6	16.8	10.3		11.3	11.3	-0.041		0.000	0.000
03:15:00	15.0		17.0	16.1	10.2		10.8	11.7	-0.040		0.000	0.000
03:30:00	14.8		17.3	16.4	10.0		10.7	11.7	-0.041		0.000	0.000
03:45:00	16.9		17.6	16.4	10.1		10.5	12.3	-0.040		0.000	0.000
04:00:00	15.8		18.4	15.2	9.9		10.3	12.9	-0.036		0.000	0.000
04:15:00	18.4		18.0	15.0	10.7		10.2	13.0	-0.035		0.000	0.000
04:30:00	20.9		18.5	15.5	11.3		10.6	13.6	-0.034		0.000	0.000
04:45:00	17.3		17.5	16.1	11.2		11.5	12.8	-0.033		0.000	0.000
05:00:00	16.3		17.7	16.1	11.2		11.9	12.9	-0.035		0.000	0.000
05:15:00	17.4		18.1	17.3	11.8		12.3	13.4	-0.032		0.000	0.000
05:30:00	15.9		19.7	17.2	11.2		12.4	14.4	-0.031		0.000	0.000
05:45:00	14.5		19.0	18.0	10.5		12.5	14.2	-0.032		0.000	0.000
06:00:00	14.4		18.0	18.0	10.5		12.3	13.7	-0.034		0.000	0.000
06:15:00	14.2		17.0	17.5	10.2		12.3	13.1	-0.034		0.000	0.000
06:30:00	16.9		17.9	17.2	10.9		12.4	13.5	-0.032		0.000	0.000
06:45:00	19.2		19.9	16.8	11.5		12.0	14.4	-0.027		0.000	0.000
07:00:00	19.2		135.6	16.2	10.9		11.7	36.2	-0.028		0.000	0.000
07:15:00	20.0		66.2	16.8	11.0		12.1	22.0	-0.025		0.000	0.000
07:30:00	17.5		53.5	16.7	10.8		11.5	19.9	-0.031		0.000	0.000
07:45:00	17.0		35.7	16.9	10.7		11.8	16.8	-0.035		0.000	0.000
08:00:00	16.2		28.3	146.8	10.3		31.4	15.3	-0.044		0.000	0.000
08:15:00	16.7		18.1	57.7	11.2		17.1	11.9	-0.054		0.000	0.000
08:30:00	17.6		17.4	24.3	12.2		12.0	12.3	-0.057		0.000	0.000
08:45:00	19.6		17.7	20.7	12.5		12.1	11.6	-0.061		0.000	0.000
09:00:00	16.6		18.3	15.7	11.0		10.2	10.7	-0.059		0.000	0.000
09:15:00	16.6		18.1	15.9	11.2		10.7	10.9	-0.055		0.000	0.000
09:30:00	17.0		16.4	15.2	11.7		10.8	11.5	-0.050		0.000	0.000
09:45:00	16.3		14.9	15.9	10.7		9.8	10.3	-0.047		0.000	0.000
10:00:00	16.2		15.1	13.9	10.2		9.2	10.1	-0.044		0.000	0.000
10:15:00	15.1		13.8	13.1	8.7		8.4	9.0	-0.046		0.000	0.000
10:30:00	14.2		13.6	13.1	7.8		7.6	8.2	-0.048		0.000	0.000
10:45:00	14.3		14.3	13.4	7.3		7.2	7.5	-0.043		0.000	0.000
11:00:00	14.3		12.7	14.7	6.7		6.9	6.7	-0.034		0.000	0.000
11:15:00	12.8		14.9	12.1	6.2		6.1	6.5	-0.023		0.000	0.000
11:30:00	13.5		14.2	12.5	6.2		6.2	6.3	-0.016		0.000	0.000
11:45:00	13.8		12.3	11.2	6.3		5.6	6.3	-0.007		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	12.5		14.8	12.3	5.7		6.0	6.2	-0.006		0.000	0.000
12:15:00	15.2		22.2	12.2	6.0		5.8	6.5	0.002		0.000	0.000
12:30:00	13.7		12.4	12.3	6.1		5.8	5.8	0.004		0.000	0.001
12:45:00	12.6		11.1	11.7	5.5		5.5	5.4	0.011		0.000	0.008
13:00:00	11.2		13.2	11.0	5.2		5.1	5.3	0.018		0.000	0.014
13:15:00	11.4		10.5	13.2	5.2		5.4	5.0	0.019		0.000	0.016
13:30:00	20.8		10.8	10.9	6.4		5.0	5.0	0.021		0.000	0.018
13:45:00	11.4		15.1	10.9	5.1		5.0	5.3	0.021		0.000	0.017
14:00:00	11.0		12.7	10.4	4.9		5.0	5.2	0.024		0.000	0.018
14:15:00	10.9		10.9	10.5	4.9		5.0	5.0	0.027		0.000	0.018
14:30:00	10.7		10.4	10.5	4.9		4.9	4.9	0.027		0.000	0.020
14:45:00	50.1		10.4	10.5	10.1		5.0	4.9	0.027		0.000	0.019
15:00:00	90.3		17.3	11.0	13.0		5.1	7.6	0.026		0.000	0.021
15:15:00	31.9		23.8	10.4	7.1		5.0	17.1	0.027		0.000	0.018
15:30:00	11.9		18.6	10.5	5.1		4.9	11.5	0.026		0.000	0.019
15:45:00	14.7		15.9	11.4	5.4		5.1	9.6	0.023		0.000	0.016
16:00:00	14.9		19.1	12.8	5.6		5.3	13.2	0.020		0.000	0.017
16:15:00	11.6		12.3	11.4	5.2		5.2	5.8	0.016		0.000	0.012
16:30:00	11.2		11.3	10.5	5.0		4.9	6.1	0.016		0.000	0.011
16:45:00	11.4		10.5	11.0	5.1		5.0	5.0	0.015		0.000	0.010
17:00:00	13.8		10.9	11.0	5.4		5.0	5.1	0.010		0.000	0.008
17:15:00	11.6		13.6	12.2	5.1		5.2	6.3	0.007		0.000	0.004
17:30:00	11.1		12.7	12.7	5.0		5.3	5.7	0.000		0.000	0.002
17:45:00	11.0		15.5	11.2	5.1		5.1	5.6	-0.001		0.000	0.000
18:00:00	11.2		11.6	11.9	5.2		5.3	5.1	-0.007		0.000	0.001
18:15:00	11.1		14.1	14.2	5.2		5.9	5.8	-0.012		0.000	0.000
18:30:00	11.6		15.8	13.0	5.2		5.4	6.0	-0.014		0.000	0.000
18:45:00	67.8		15.0	15.0	11.9		6.0	5.4	-0.015		0.000	0.000
19:00:00	16.1		10.7	27.1	6.0		7.9	4.8	-0.019		0.000	0.000
19:15:00	14.2		12.9	25.2	5.7		7.7	5.0	-0.024		0.000	0.000
19:30:00	12.5		11.4	17.2	5.5		5.8	4.9	-0.027		0.000	0.000
19:45:00	13.7		11.0	15.8	5.7		6.0	4.6	-0.027		0.000	0.000
20:00:00	13.9		14.5	15.5	5.8		6.1	5.2	-0.026		0.000	0.000
20:15:00	12.7		11.8	13.0	5.9		5.4	4.8	-0.028		0.000	0.000
20:30:00	34.3		11.3	18.7	7.7		11.2	4.4	-0.030		0.000	0.000
20:45:00	11.2		13.5	18.3	5.5		11.2	4.9	-0.025		0.000	0.000
21:00:00	13.8		24.2	22.0	5.5		10.8	6.9	-0.024		0.000	0.000
21:15:00	15.1		24.0	25.0	5.7		10.1	7.5	-0.026		0.000	0.000
21:30:00	14.2		26.6	38.8	5.8		10.5	7.2	-0.027		0.000	0.000
21:45:00	14.9		17.0	14.8	6.8		5.9	6.1	-0.031		0.000	0.000
22:00:00	14.6		22.1	19.0	7.5		6.6	6.9	-0.040		0.000	0.000
22:15:00	14.9		25.6	19.7	6.8		6.8	7.9	-0.042		0.000	0.000
22:30:00	15.6		19.6	16.2	7.4		6.6	7.0	-0.044		0.000	0.000
22:45:00	12.6		20.1	12.3	6.4		6.5	7.1	-0.045		0.000	0.000
23:00:00	13.1		19.0	12.6	6.5		6.6	7.2	-0.041		0.000	0.000
23:15:00	13.0		17.2	11.4	6.5		5.9	6.5	-0.039		0.000	0.000
23:30:00	12.5		15.1	11.7	5.8		6.3	6.3	-0.034		0.000	0.000
23:45:00	12.5		15.2	11.4	5.9		6.1	6.4	-0.030		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)
07:00:00								36.2				