



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-28

Table 1 : Weather Summary

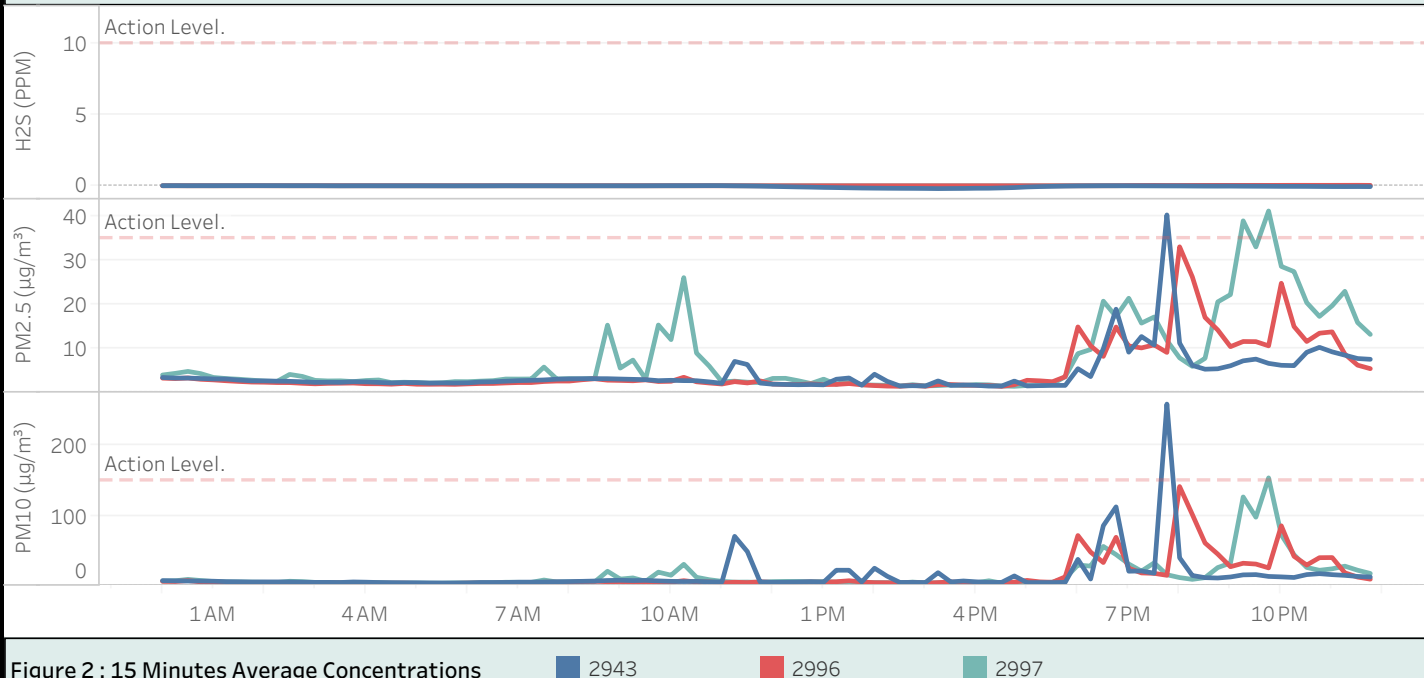
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 24.92	2943 ENE	2693 None	2996 S	2997 N	Min : 35.42 Max : 72.86	Min : 19.20 Max : 74.10	Min : 30.21 Max : 30.42

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	14.6	258.9	4.4	40.5	-0.038	0.011
2996	14.6	141.4	5.1	33.2	0.006	0.035
2997	15.1	153.8	7.7	41.4	0.001	0.008



Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

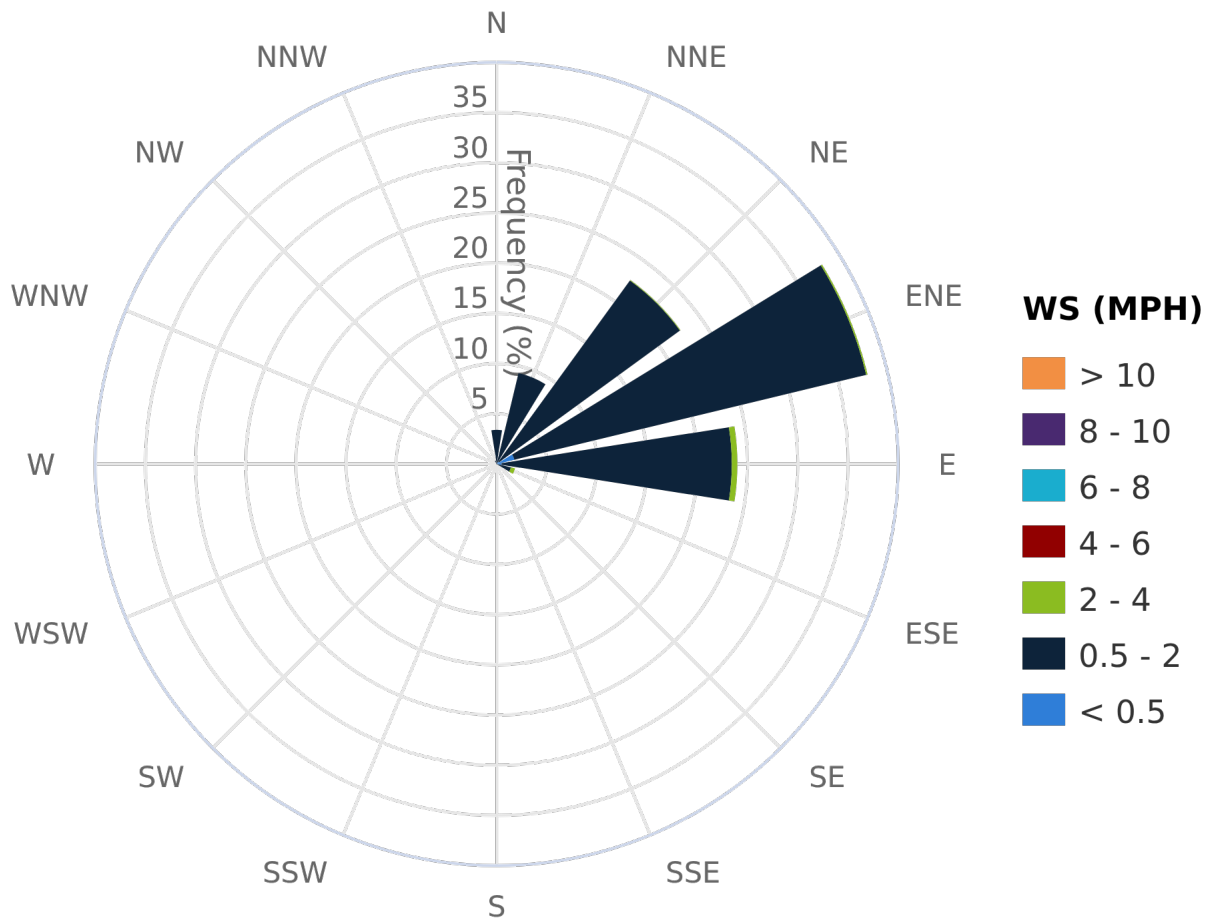


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-11-24

Wind Rose Chart 2693

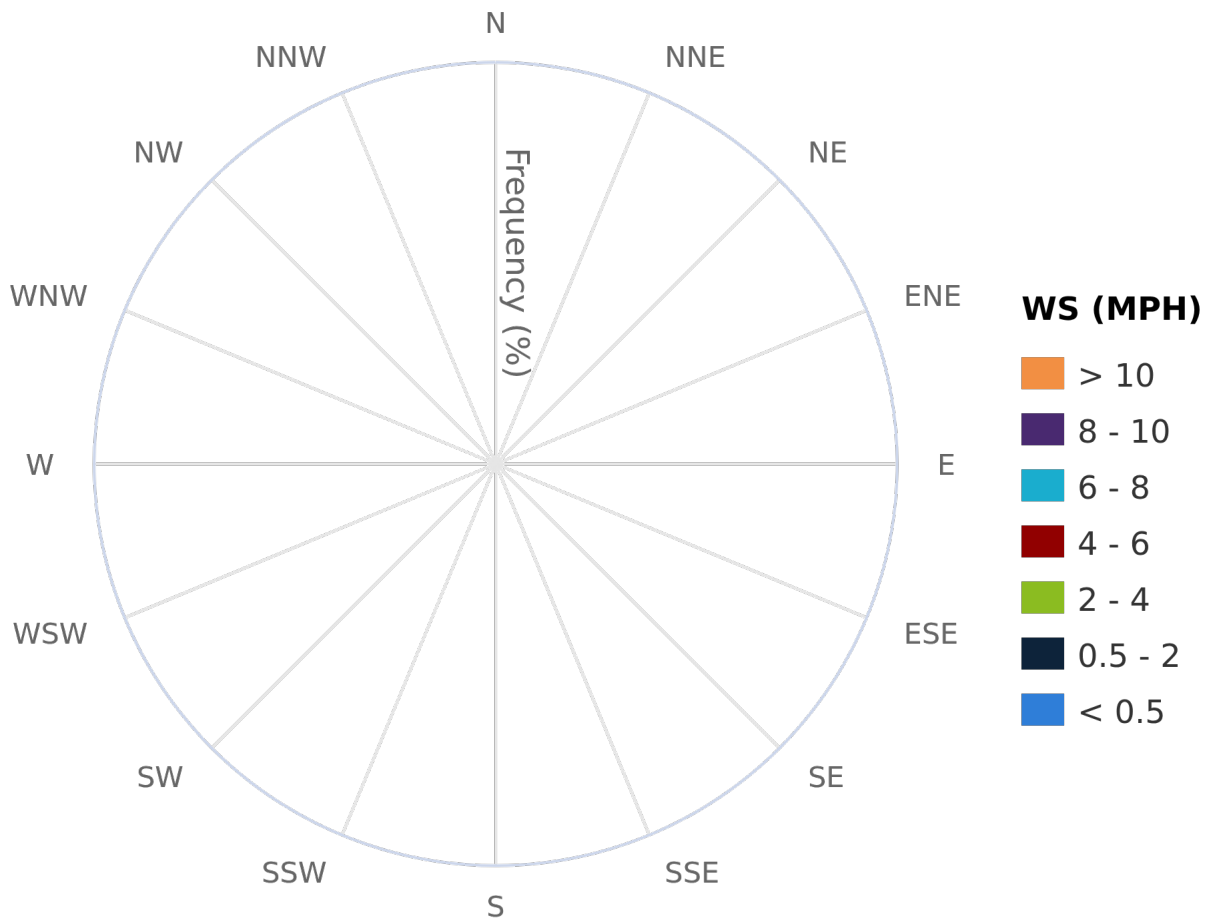


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

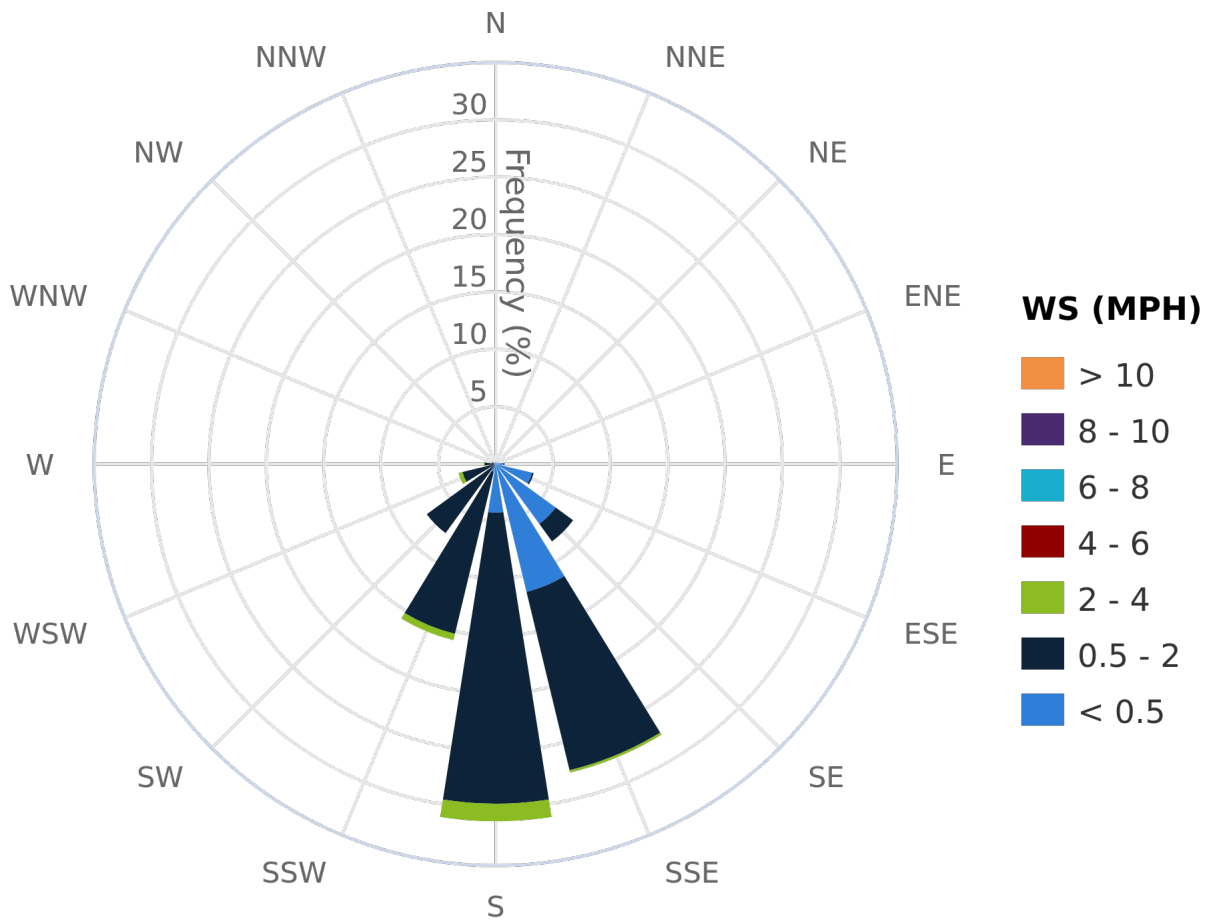


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

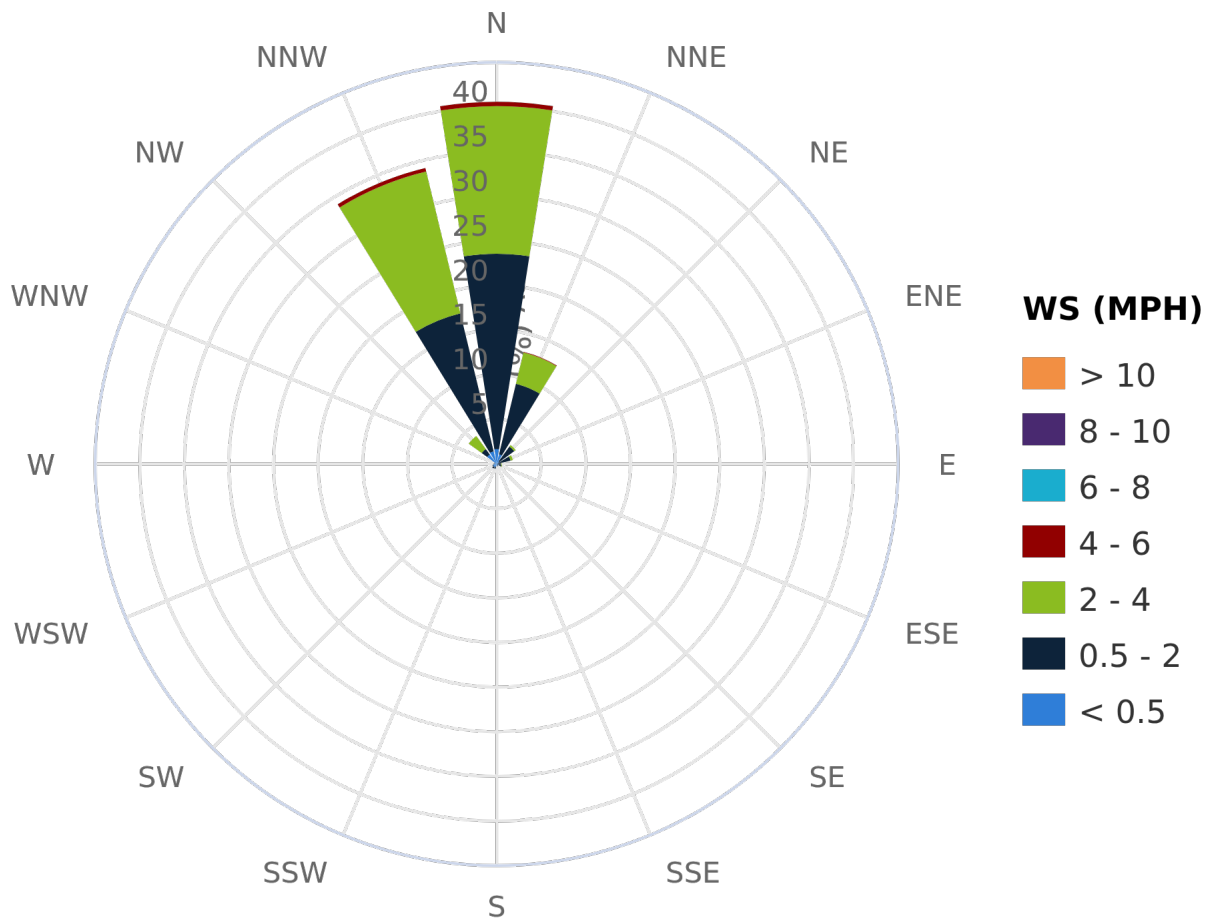


Figure 3 : Wind Rose Chart (WS in MPH)



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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	7.3		6.7	6.3	3.4		3.3	4.0	0.006		0.000	0.005
00:15:00	7.1		7.1	6.1	3.3		3.2	4.4	0.009		0.000	0.005
00:30:00	6.8		9.1	7.4	3.3		3.3	4.8	0.005		0.000	0.002
00:45:00	6.7		7.5	5.6	3.2		3.0	4.3	0.006		0.000	0.002
01:00:00	6.5		6.1	5.2	3.1		2.9	3.5	0.005		0.000	0.003
01:15:00	5.9		5.5	4.9	3.1		2.7	3.2	0.007		0.000	0.004
01:30:00	5.7		5.5	4.6	2.9		2.5	3.1	0.008		0.000	0.003
01:45:00	5.4		5.3	4.5	2.7		2.4	2.8	0.010		0.000	0.005
02:00:00	5.5		4.9	4.5	2.7		2.4	2.6	0.008		0.000	0.004
02:15:00	5.5		4.7	4.4	2.6		2.3	2.6	0.008		0.000	0.001
02:30:00	5.4		6.4	4.2	2.6		2.3	4.1	0.005		0.000	0.002
02:45:00	5.1		5.9	4.0	2.5		2.1	3.7	0.005		0.000	0.003
03:00:00	4.8		4.8	3.8	2.3		2.0	2.8	0.006		0.000	0.003
03:15:00	4.8		4.7	4.0	2.4		2.1	2.7	0.001		0.000	0.002
03:30:00	4.7		4.7	4.0	2.3		2.1	2.7	-0.002		0.000	0.000
03:45:00	5.4		4.6	3.9	2.5		2.2	2.5	0.000		0.000	0.000
04:00:00	5.1		4.6	3.7	2.4		2.0	2.8	0.001		0.000	0.000
04:15:00	4.6		4.7	3.6	2.3		2.0	2.9	-0.001		0.000	0.000
04:30:00	4.5		3.9	3.7	2.2		1.9	2.3	0.000		0.000	0.000
04:45:00	4.3		3.9	3.7	2.3		2.1	2.4	-0.001		0.000	0.000
05:00:00	4.3		3.9	3.4	2.3		1.9	2.3	-0.001		0.000	0.000
05:15:00	4.1		3.8	3.4	2.2		1.9	2.2	-0.003		0.000	0.000
05:30:00	4.0		3.7	3.4	2.2		1.9	2.2	-0.004		0.000	0.000
05:45:00	3.9		4.1	3.4	2.2		1.9	2.5	-0.005		0.000	0.000
06:00:00	4.1		4.2	3.8	2.2		2.0	2.5	-0.003		0.000	0.000
06:15:00	4.7		4.5	3.8	2.4		2.1	2.6	-0.004		0.000	0.000
06:30:00	4.7		4.5	3.6	2.5		2.1	2.7	-0.001		0.000	0.000
06:45:00	4.8		5.0	4.1	2.6		2.2	3.1	0.002		0.000	0.000
07:00:00	5.1		5.0	4.4	2.7		2.3	3.1	0.001		0.000	0.000
07:15:00	5.2		4.8	3.9	2.8		2.3	3.1	0.000		0.000	0.000
07:30:00	5.3		8.2	5.0	2.9		2.5	5.8	0.000		0.000	0.000
07:45:00	5.8		5.4	5.0	3.1		2.6	3.1	-0.001		0.000	0.000
08:00:00	6.0		5.5	4.7	3.1		2.6	3.2	-0.003		0.000	0.000
08:15:00	6.3		5.0	6.0	3.2		2.9	3.1	-0.002		0.000	0.000
08:30:00	6.8		5.7	6.3	3.2		3.2	3.3	0.000		0.000	0.000
08:45:00	7.5		20.7	5.8	3.2		2.8	15.4	-0.001		0.000	0.000
09:00:00	7.8		9.5	5.9	3.1		2.8	5.6	-0.001		0.000	0.000
09:15:00	7.4		11.2	5.4	3.0		2.7	7.4	-0.002		0.000	0.000
09:30:00	7.7		6.3	5.6	3.0		2.9	3.1	0.000		0.000	0.000
09:45:00	6.9		19.4	5.3	2.7		2.5	15.4	0.004		0.000	0.000
10:00:00	6.3		15.1	5.1	2.8		2.6	12.1	0.007		0.000	0.001
10:15:00	6.0		30.6	7.2	2.7		3.5	26.2	0.008		0.000	0.000
10:30:00	6.3		12.1	5.3	2.7		2.5	9.0	0.007		0.000	0.005
10:45:00	5.6		8.6	5.5	2.5		2.2	6.1	0.011		0.000	0.005
11:00:00	5.4		6.4	4.2	2.1		2.0	2.5	0.007		0.000	0.008
11:15:00	70.4		5.2	5.0	7.1		2.5	2.6	-0.004		0.000	0.004
11:30:00	48.7		5.3	4.5	6.4		2.2	2.4	-0.010		0.000	0.000
11:45:00	5.6		4.8	5.6	2.2		2.7	2.3	-0.024		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	5.0		5.9	4.7	1.9		2.0	3.2	-0.044		0.000	0.000
12:15:00	5.0		6.2	3.9	1.9		1.9	3.3	-0.063		0.000	0.000
12:30:00	5.4		6.1	4.8	1.8		1.8	2.7	-0.080		0.000	0.000
12:45:00	5.9		5.7	5.3	1.9		2.0	2.1	-0.095		0.000	0.000
13:00:00	5.2		6.2	5.0	1.8		1.8	3.1	-0.115		0.000	0.000
13:15:00	22.2		5.1	5.8	3.1		1.9	1.9	-0.127		0.000	0.000
13:30:00	22.2		5.9	7.2	3.3		2.1	2.8	-0.143		0.000	0.000
13:45:00	5.4		4.8	5.4	1.7		1.8	1.8	-0.158		0.000	0.000
14:00:00	25.0		4.7	4.4	4.2		1.6	1.7	-0.167		0.000	0.000
14:15:00	13.6		4.5	4.3	2.6		1.5	1.7	-0.174		0.000	0.000
14:30:00	4.8		4.1	4.0	1.5		1.5	1.5	-0.179		0.000	0.000
14:45:00	4.8		5.3	4.9	1.6		1.7	1.8	-0.183		0.000	0.000
15:00:00	4.6		4.2	3.6	1.5		1.5	1.5	-0.188		0.000	0.000
15:15:00	18.7		4.3	4.5	2.7		1.8	1.6	-0.197		0.000	0.000
15:30:00	5.5		4.3	5.5	1.6		1.8	1.8	-0.191		0.000	0.000
15:45:00	6.8		4.2	4.6	1.8		1.7	1.6	-0.186		0.000	0.000
16:00:00	5.6		4.4	4.7	1.7		1.7	1.8	-0.174		0.000	0.000
16:15:00	4.7		7.1	4.3	1.5		1.6	1.8	-0.171		0.000	0.000
16:30:00	4.9		3.8	3.7	1.5		1.4	1.5	-0.150		0.000	0.000
16:45:00	14.0		3.5	5.3	2.6		1.8	1.4	-0.125		0.000	0.000
17:00:00	4.5		5.3	7.6	1.5		2.8	1.6	-0.082		0.000	0.000
17:15:00	4.6		4.2	5.6	1.6		2.7	1.6	-0.056		0.000	0.000
17:30:00	4.6		5.2	5.0	1.6		2.5	2.0	-0.039		0.000	0.002
17:45:00	4.9		10.5	12.7	1.6		3.6	3.6	-0.021		0.000	0.001
18:00:00	37.7		29.6	71.6	5.5		15.0	8.9	-0.009		0.000	0.001
18:15:00	9.6		28.0	48.0	3.7		10.7	9.8	-0.003		0.000	0.000
18:30:00	85.6		56.0	33.1	10.0		8.3	20.8	0.004		0.000	0.000
18:45:00	112.4		44.5	69.1	19.0		14.9	17.3	0.003		0.003	0.000
19:00:00	20.7		31.0	25.0	9.2		10.6	21.5	0.001		0.013	0.000
19:15:00	21.1		20.9	18.3	12.8		10.2	15.8	-0.002		0.017	0.000
19:30:00	17.9		32.7	17.7	10.9		10.9	17.2	-0.004		0.023	0.000
19:45:00	258.9		15.8	14.9	40.5		9.2	11.9	-0.007		0.019	0.000
20:00:00	39.9		11.7	141.4	11.3		33.2	7.9	-0.009		0.020	0.000
20:15:00	14.6		9.2	101.6	6.2		26.4	6.0	-0.016		0.024	0.000
20:30:00	11.6		11.6	61.0	5.3		17.1	7.8	-0.020		0.027	0.000
20:45:00	11.1		25.9	45.2	5.4		14.3	20.7	-0.022		0.028	0.000
21:00:00	12.5		32.3	27.2	6.1		10.5	22.3	-0.020		0.029	0.000
21:15:00	15.5		126.6	32.1	7.2		11.6	39.1	-0.026		0.029	0.000
21:30:00	15.9		97.7	30.9	7.6		11.6	33.2	-0.029		0.030	0.000
21:45:00	13.3		153.8	25.5	6.7		10.7	41.4	-0.034		0.029	0.000
22:00:00	12.7		72.5	85.4	6.2		24.9	28.7	-0.040		0.030	0.000
22:15:00	11.8		44.2	42.0	6.1		15.1	27.6	-0.041		0.033	0.000
22:30:00	15.9		26.1	29.6	9.2		11.6	20.5	-0.043		0.032	0.000
22:45:00	17.2		22.1	40.0	10.3		13.5	17.4	-0.050		0.032	0.000
23:00:00	15.8		24.2	40.2	9.3		13.8	19.8	-0.055		0.032	0.000
23:15:00	14.8		27.9	18.4	8.5		8.8	23.1	-0.057		0.033	0.000
23:30:00	13.3		22.2	12.4	7.8		6.3	16.0	-0.054		0.035	0.000
23:45:00	12.5		17.5	9.4	7.6		5.5	13.3	-0.059		0.029	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)
19:45:00	258.9				40.5							
21:15:00								39.1				
21:45:00				153.8				41.4				