



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-20

Table 1 : Weather Summary

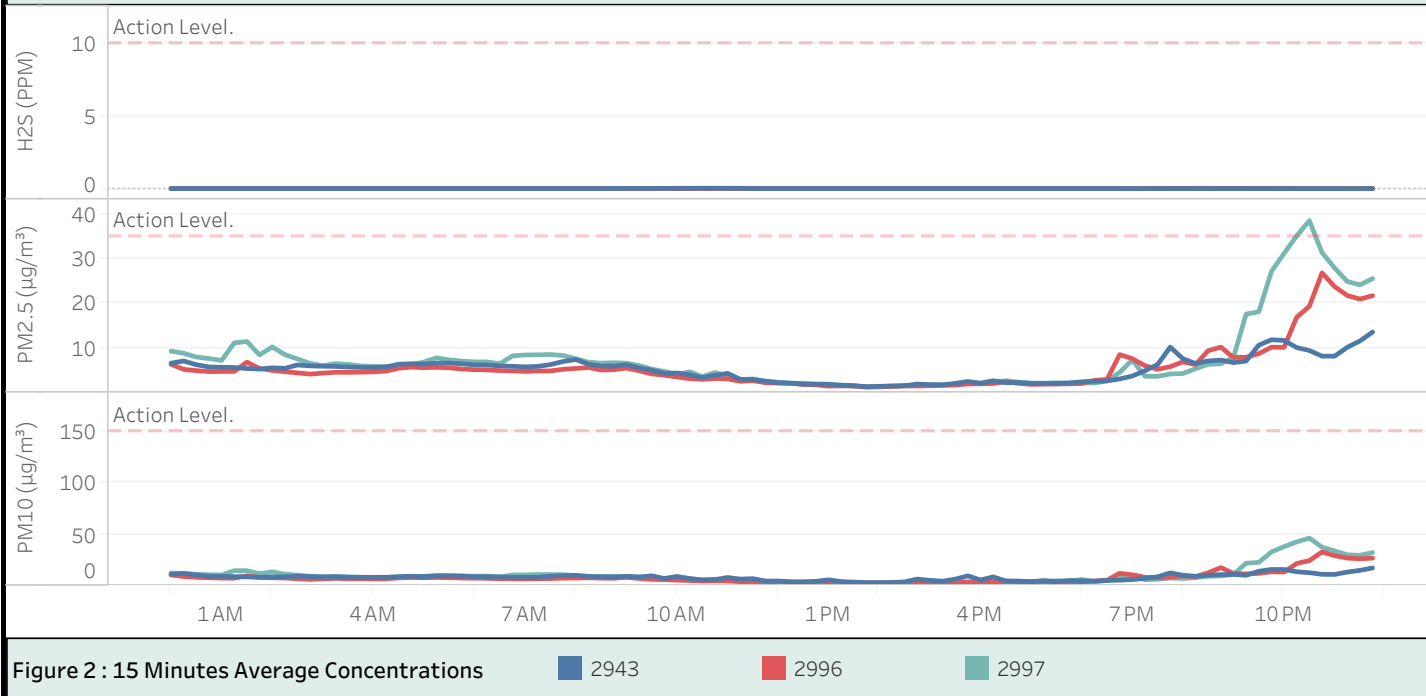
Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.224 to 5.033	2943 NE	3277 None	2996 S	2997 N	Min : 32.36 Max : 71.42	Min : 24.80 Max : 79.30	Min : 30.30 Max : 30.54

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	8.2	17.2	5.2	13.6	0.002	0.022
2996	8.0	32.8	5.6	26.9	0.004	0.024
2997	10.3	46.1	7.7	38.6	0.004	0.028



Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

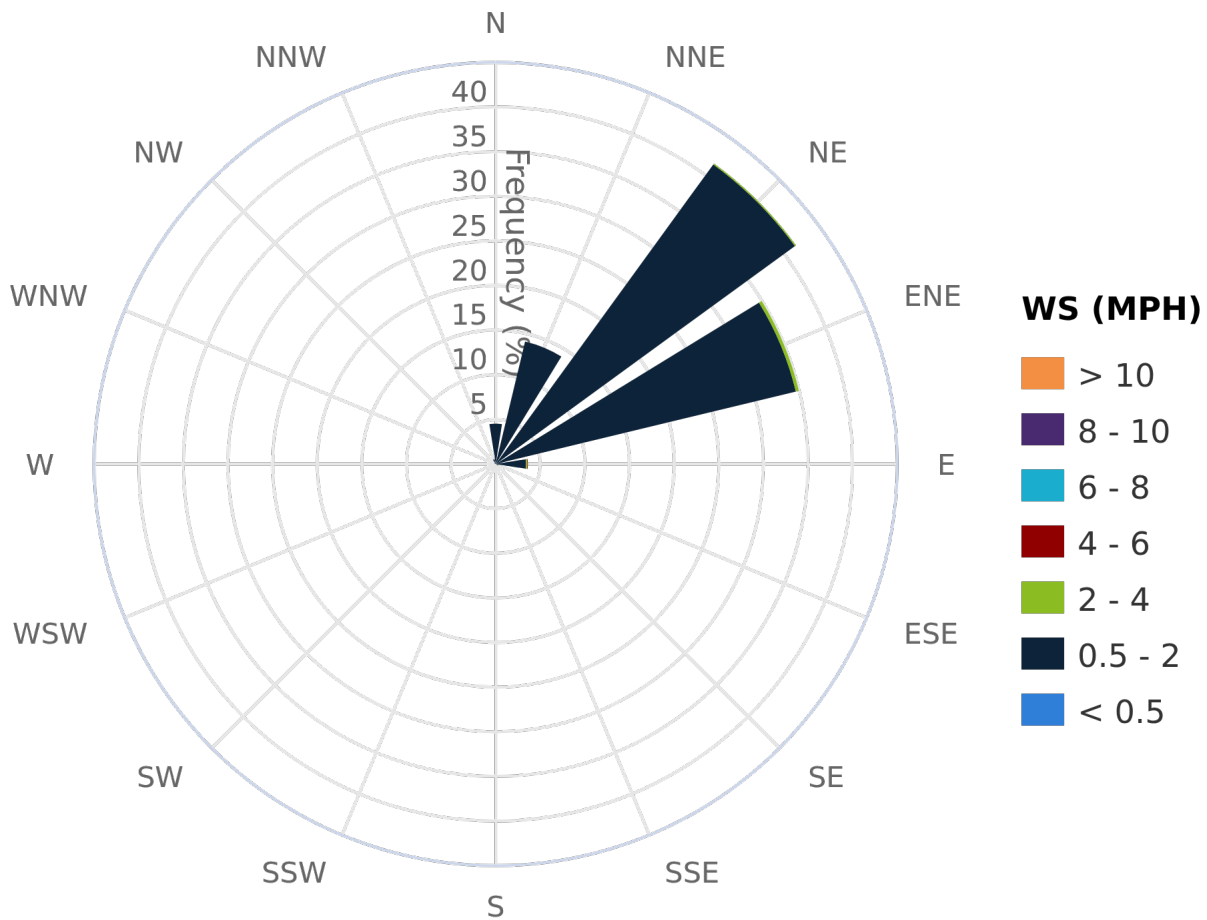


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-01-18

Wind Rose Chart 3277

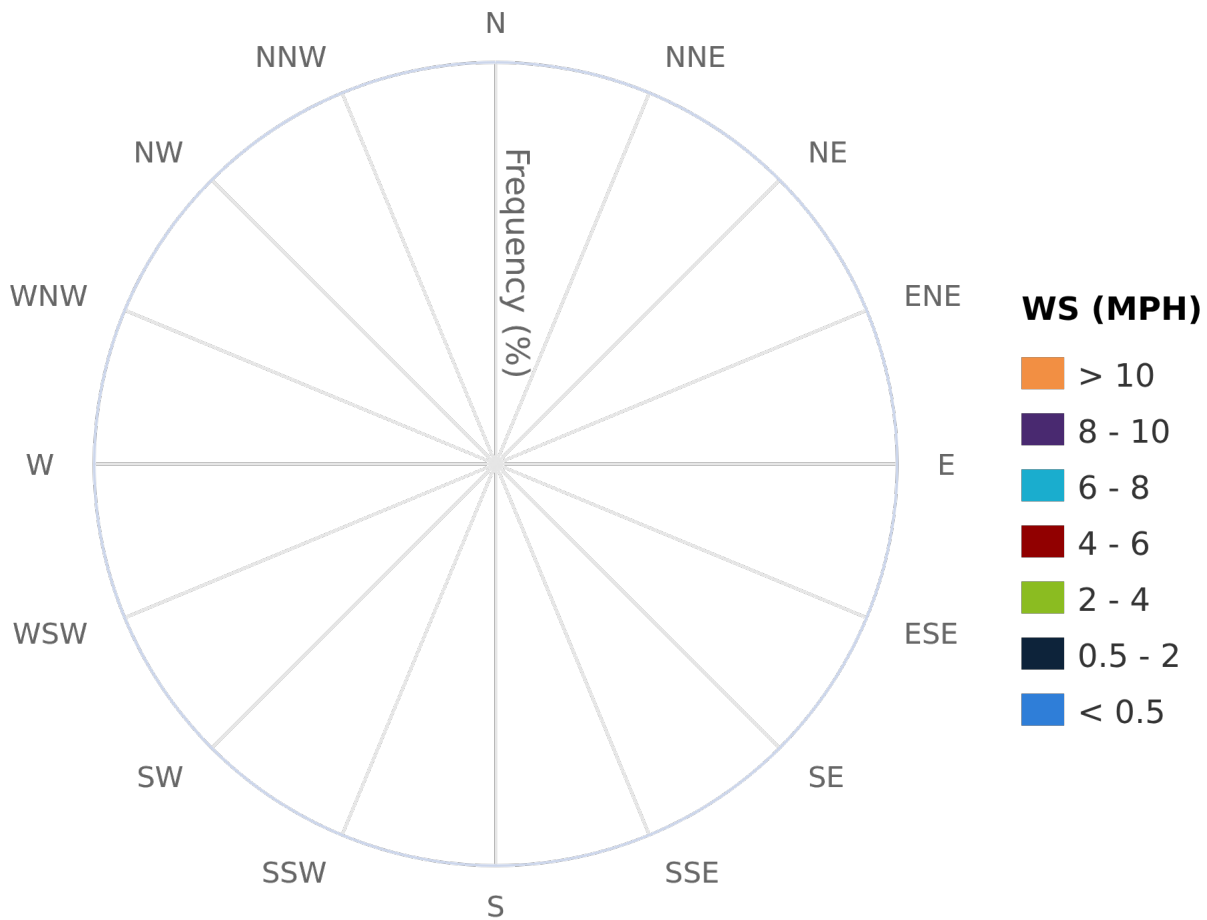


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

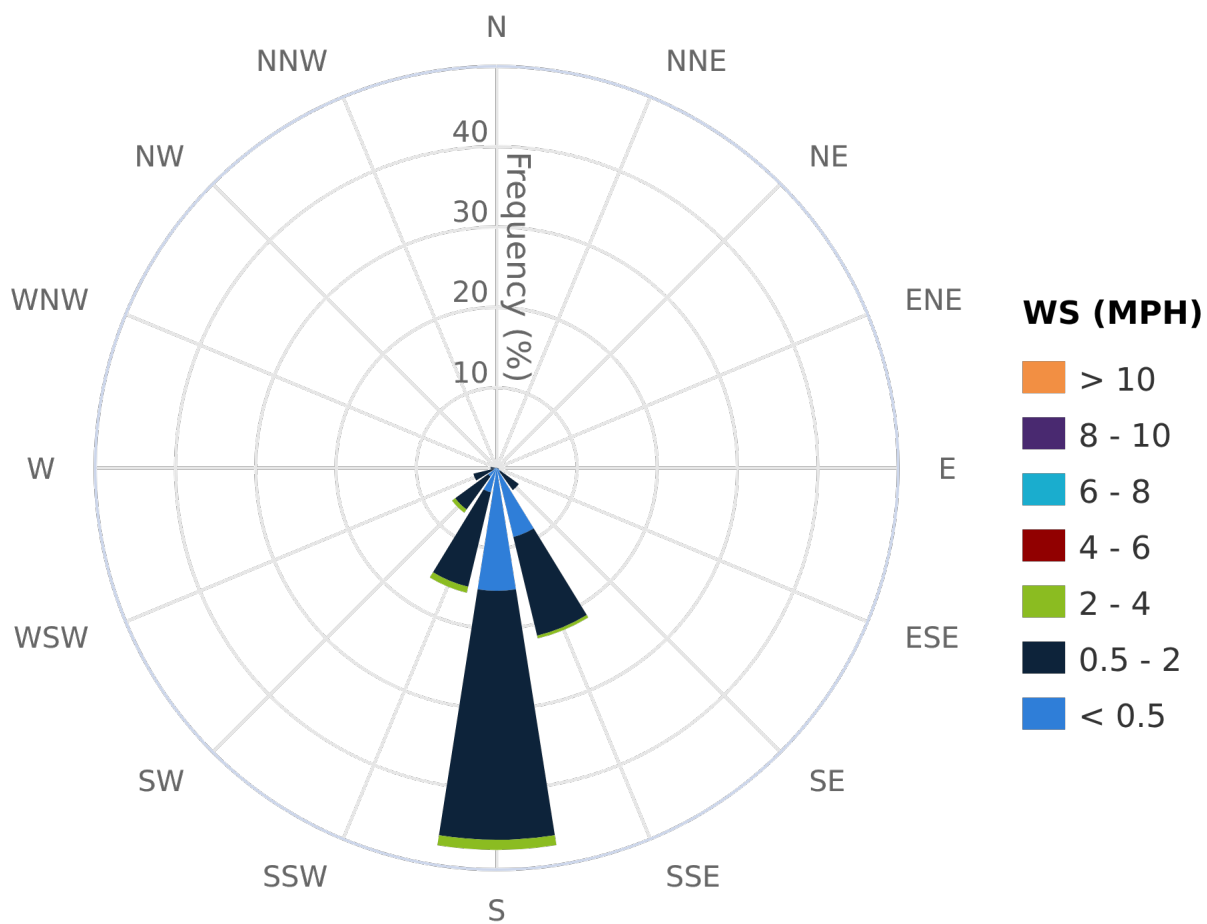


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

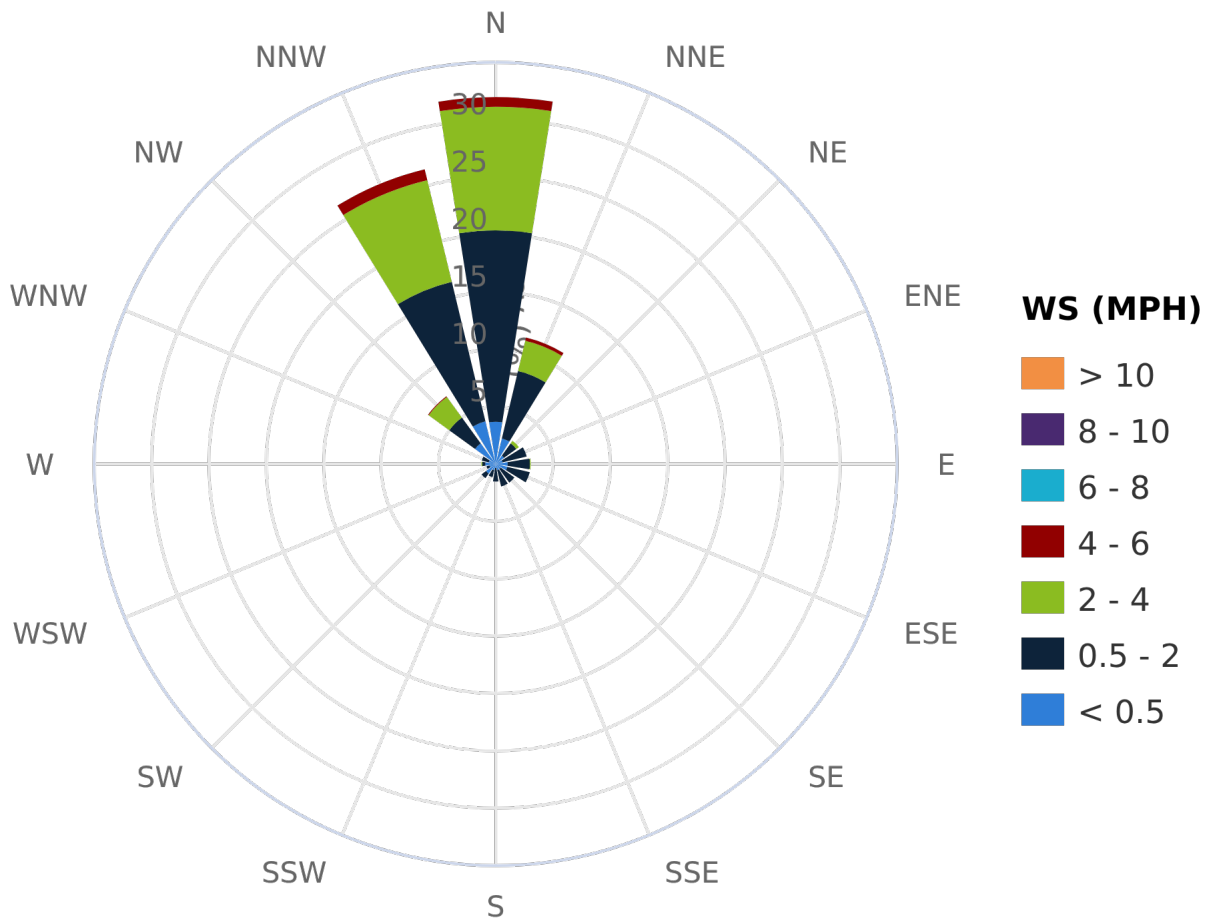


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	11.1		12.4	10.4	6.6		6.3	9.3	0.000		0.000	0.000
00:15:00	12.0		11.8	9.0	7.1		5.2	8.8	0.000		0.000	0.000
00:30:00	10.4		11.2	8.2	6.3		4.9	8.0	0.000		0.000	0.000
00:45:00	9.2		10.7	7.8	5.8		4.7	7.7	0.000		0.000	0.000
01:00:00	9.1		10.4	7.4	5.7		4.8	7.2	0.000		0.000	0.000
01:15:00	8.9		14.6	7.4	5.6		4.8	11.2	0.000		0.001	0.000
01:30:00	8.6		14.6	9.7	5.4		6.9	11.5	0.000		0.000	0.000
01:45:00	8.2		11.7	8.1	5.3		5.4	8.5	0.000		0.000	0.000
02:00:00	8.6		13.5	7.8	5.6		5.0	10.3	0.000		0.000	0.000
02:15:00	8.6		11.2	7.5	5.4		4.7	8.5	0.000		0.000	0.000
02:30:00	9.3		10.3	6.8	6.2		4.4	7.5	0.000		0.000	0.000
02:45:00	8.8		9.3	6.2	6.0		4.2	6.6	0.000		0.000	0.000
03:00:00	8.7		8.4	6.7	5.9		4.4	6.1	0.000		0.000	0.000
03:15:00	8.8		8.9	7.2	5.9		4.6	6.5	0.000		0.000	0.000
03:30:00	8.2		8.7	6.8	5.7		4.6	6.3	0.000		0.000	0.000
03:45:00	8.2		8.2	6.8	5.7		4.6	6.0	0.000		0.000	0.000
04:00:00	8.2		7.9	6.7	5.6		4.7	5.9	0.000		0.000	0.000
04:15:00	8.3		8.0	6.7	5.8		4.8	5.8	0.000		0.000	0.000
04:30:00	8.9		8.1	7.6	6.4		5.5	5.9	0.000		0.000	0.000
04:45:00	9.2		8.6	8.0	6.5		5.7	6.3	0.000		0.000	0.000
05:00:00	8.8		9.1	7.7	6.4		5.6	6.9	0.000		0.000	0.000
05:15:00	9.4		10.2	8.0	6.6		5.7	7.8	0.000		0.000	0.000
05:30:00	9.6		9.9	7.9	6.6		5.6	7.3	0.000		0.000	0.000
05:45:00	9.3		9.6	7.5	6.5		5.3	7.1	0.000		0.000	0.000
06:00:00	8.9		9.3	7.4	6.2		5.1	6.9	0.000		0.000	0.000
06:15:00	8.7		9.4	7.2	6.2		5.1	6.9	0.000		0.000	0.001
06:30:00	8.5		8.7	6.9	6.0		4.9	6.5	0.000		0.000	0.000
06:45:00	8.3		10.4	6.8	5.9		4.9	8.3	0.000		0.000	0.000
07:00:00	8.1		10.5	6.7	5.8		4.8	8.5	0.000		0.000	0.005
07:15:00	8.3		10.9	6.8	5.9		4.9	8.5	0.000		0.000	0.008
07:30:00	9.2		10.9	6.9	6.3		4.9	8.6	0.000		0.000	0.011
07:45:00	9.8		10.7	7.4	7.0		5.2	8.3	0.000		0.000	0.010
08:00:00	10.1		9.9	7.5	7.4		5.4	7.6	0.000		0.000	0.013
08:15:00	9.1		9.0	7.7	6.4		5.6	6.8	0.000		0.000	0.012
08:30:00	8.8		8.8	7.4	6.0		5.1	6.6	0.002		0.000	0.010
08:45:00	8.6		8.9	7.3	5.9		5.1	6.7	0.006		0.000	0.012
09:00:00	9.2		9.0	8.2	6.3		5.5	6.6	0.009		0.000	0.013
09:15:00	8.5		8.4	7.1	5.6		4.9	6.1	0.011		0.000	0.015
09:30:00	9.6		7.6	6.2	5.0		4.2	5.3	0.009		0.000	0.016
09:45:00	7.0		7.0	5.9	4.3		3.9	4.8	0.015		0.000	0.018
10:00:00	9.0		6.0	5.4	4.4		3.5	4.1	0.019		0.000	0.020
10:15:00	7.0		6.7	5.1	4.0		3.1	4.7	0.019		0.000	0.023
10:30:00	5.7		5.5	4.5	3.4		3.0	3.6	0.022		0.000	0.026
10:45:00	6.0		6.3	4.7	3.9		3.2	4.5	0.022		0.000	0.026
11:00:00	8.1		5.4	4.6	4.3		3.1	3.8	0.019		0.000	0.028
11:15:00	6.4		4.5	4.0	3.0		2.5	2.9	0.016		0.000	0.026
11:30:00	6.9		4.6	4.1	2.9		2.7	3.1	0.003		0.000	0.021
11:45:00	4.6		4.1	3.6	2.6		2.2	2.5	0.000		0.000	0.012



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Table 3 : 15 Minute Average Concentrations (PM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3277 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	4.6		3.9	3.6	2.2		2.1	2.4	0.000		0.000	0.000
12:15:00	3.9		3.5	3.5	2.2		2.1	2.1	0.000		0.000	0.000
12:30:00	3.8		3.5	3.2	1.9		1.8	2.1	0.000		0.000	0.000
12:45:00	4.4		3.3	3.1	1.9		1.7	1.9	0.000		0.000	0.000
13:00:00	5.8		3.1	2.7	1.9		1.5	1.7	0.000		0.000	0.000
13:15:00	4.0		3.1	2.9	1.7		1.5	1.7	0.000		0.000	0.000
13:30:00	3.5		2.8	2.7	1.6		1.5	1.5	0.000		0.000	0.000
13:45:00	3.1		2.5	2.4	1.3		1.2	1.3	0.000		0.000	0.000
14:00:00	3.0		2.9	2.6	1.4		1.3	1.4	0.000		0.000	0.000
14:15:00	3.2		2.8	2.7	1.5		1.4	1.5	0.000		0.000	0.000
14:30:00	3.8		2.9	2.9	1.6		1.5	1.6	0.000		0.000	0.000
14:45:00	6.5		3.2	2.8	1.9		1.5	1.6	0.000		0.000	0.000
15:00:00	5.2		3.7	3.0	1.8		1.5	1.7	0.000		0.000	0.000
15:15:00	4.4		3.4	3.3	1.8		1.6	1.7	0.000		0.000	0.000
15:30:00	6.4		3.6	3.2	2.1		1.7	1.9	0.000		0.000	0.000
15:45:00	9.6		3.7	3.5	2.5		1.9	2.0	0.000		0.000	0.000
16:00:00	5.6		3.9	3.8	2.1		2.0	2.1	0.000		0.000	0.000
16:15:00	8.6		4.0	3.7	2.7		2.1	2.3	0.000		0.000	0.000
16:30:00	4.7		4.5	4.1	2.2		2.4	2.7	0.000		0.000	0.000
16:45:00	4.6		4.2	3.6	2.3		2.1	2.4	0.000		0.000	0.000
17:00:00	4.0		4.0	3.4	2.0		1.9	2.2	0.000		0.000	0.000
17:15:00	5.0		3.8	3.6	2.1		1.9	2.1	0.000		0.000	0.000
17:30:00	4.1		4.8	3.5	2.0		1.9	2.2	0.000		0.000	0.003
17:45:00	5.2		4.2	3.5	2.2		2.0	2.1	0.000		0.000	0.002
18:00:00	4.6		6.2	3.8	2.4		2.1	2.2	0.000		0.000	0.000
18:15:00	4.5		4.2	4.5	2.6		2.8	2.2	0.000		0.000	0.004
18:30:00	5.1		5.0	5.3	2.6		3.0	2.6	0.001		0.000	0.001
18:45:00	5.4		7.5	12.1	3.1		8.5	4.5	0.003		0.007	0.000
19:00:00	6.0		10.1	10.6	3.7		7.6	7.3	0.000		0.012	0.000
19:15:00	7.2		5.8	8.2	4.9		6.0	3.7	0.000		0.015	0.000
19:30:00	8.7		6.3	7.6	6.3		5.2	3.7	0.000		0.020	0.000
19:45:00	12.4		7.4	8.4	10.2		5.8	4.2	0.000		0.022	0.000
20:00:00	10.2		7.0	9.5	7.6		6.9	4.3	0.000		0.022	0.000
20:15:00	9.2		7.9	8.8	6.5		6.3	5.4	0.000		0.022	0.000
20:30:00	10.2		9.2	12.6	7.1		9.4	6.4	0.000		0.024	0.000
20:45:00	10.8		9.5	17.6	7.3		10.2	6.5	0.000		0.022	0.000
21:00:00	11.0		11.0	12.0	6.7		7.9	7.9	0.000		0.022	0.000
21:15:00	10.2		21.9	11.4	7.1		8.0	17.6	0.000		0.021	0.000
21:30:00	14.1		22.6	12.0	10.7		8.7	18.1	0.000		0.021	0.000
21:45:00	15.8		32.7	13.5	11.9		10.2	27.2	0.000		0.020	0.000
22:00:00	15.7		37.9	13.3	11.7		10.2	31.2	0.000		0.019	0.000
22:15:00	13.6		42.5	21.6	10.1		16.9	35.2	0.000		0.017	0.000
22:30:00	12.7		46.1	24.3	9.5		19.4	38.6	0.000		0.016	0.000
22:45:00	11.1		37.3	32.8	8.2		26.9	31.4	0.000		0.015	0.000
23:00:00	11.0		33.7	29.2	8.2		23.8	28.0	0.000		0.015	0.000
23:15:00	13.2		29.9	26.8	10.2		21.8	24.9	0.000		0.015	0.000
23:30:00	14.9		29.5	26.1	11.6		21.0	24.2	0.000		0.014	0.000
23:45:00	17.2		32.2	26.8	13.6		21.8	25.6	0.000		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. 3277 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3277 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3277 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
22:15:00								35.2				
22:30:00								38.6				