



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-19

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 4.765	2943 SSE	3277 S	2996 SSW	2997 S	Min : 57.20 Max : 103.5	Min : 37.60 Max : 89.40	Min : 29.85 Max : 31.98

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 $\mu\text{g}/\text{m}^3$	PM2.5 : 35 $\mu\text{g}/\text{m}^3$	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily ($\mu\text{g}/\text{m}^3$)	Max. PM10-15-min Avg ($\mu\text{g}/\text{m}^3$)	Avg. PM2.5 Daily ($\mu\text{g}/\text{m}^3$)	Max. PM2.5-15-min Avg ($\mu\text{g}/\text{m}^3$)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	16.9	35.4	10.5	24.2	0.004	0.045
2996	15.3	28.0	9.9	18.5	0.002	0.018
2997	17.3	44.9	10.4	25.1	0.001	0.018
3277	154.2	175.0	135.5	149.4	0.003	0.032



Figure 1 : Monitoring Locations

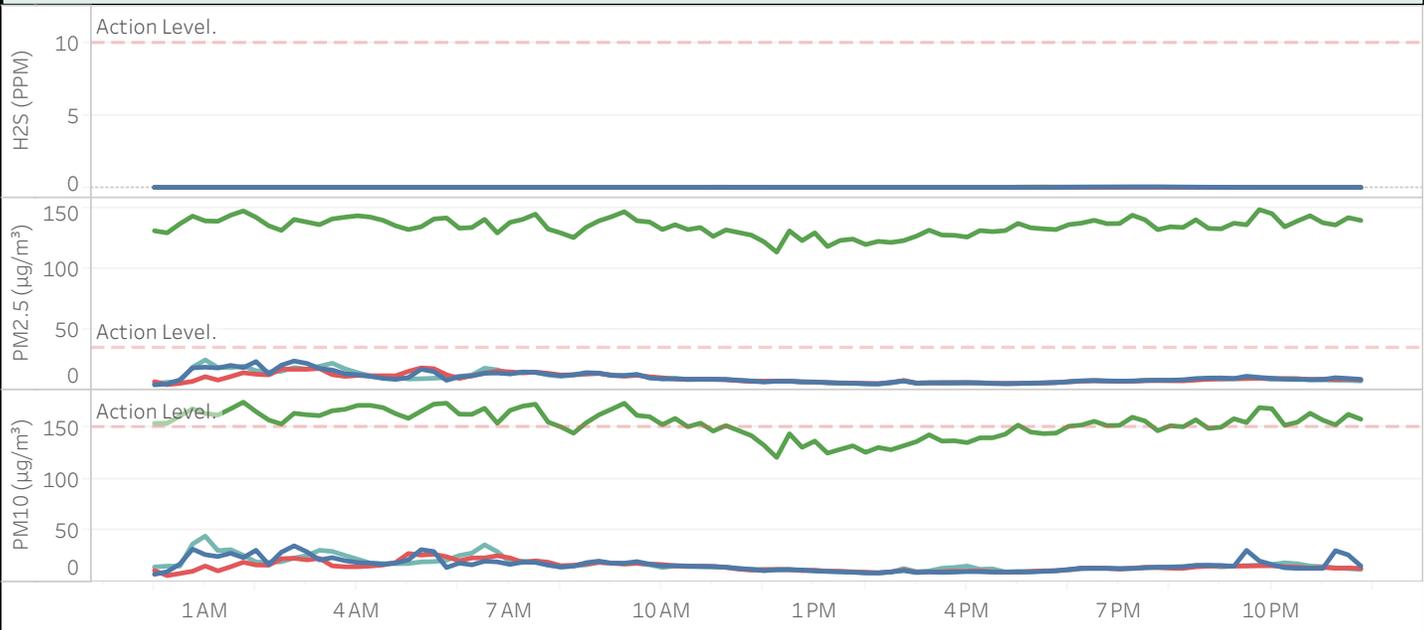


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

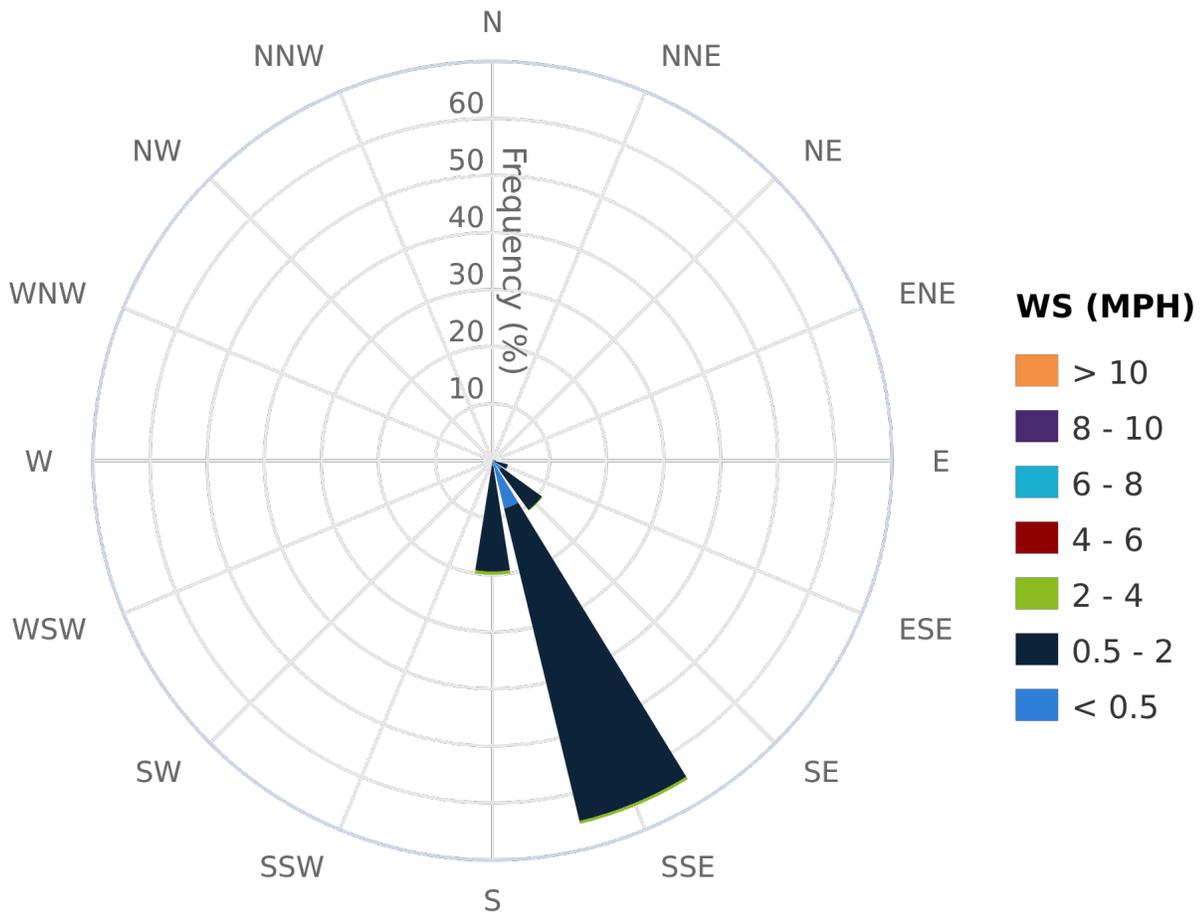


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

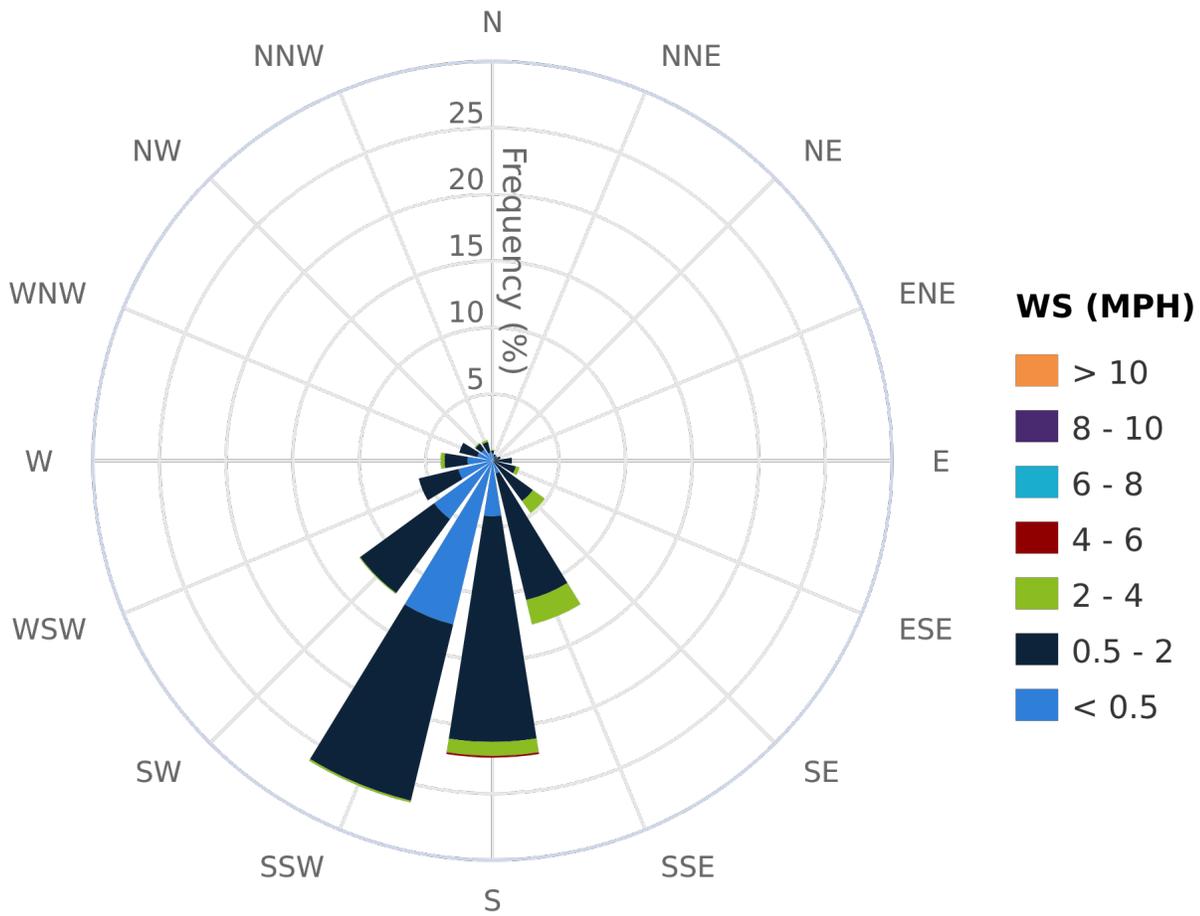


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-02-19

Wind Rose Chart 2996

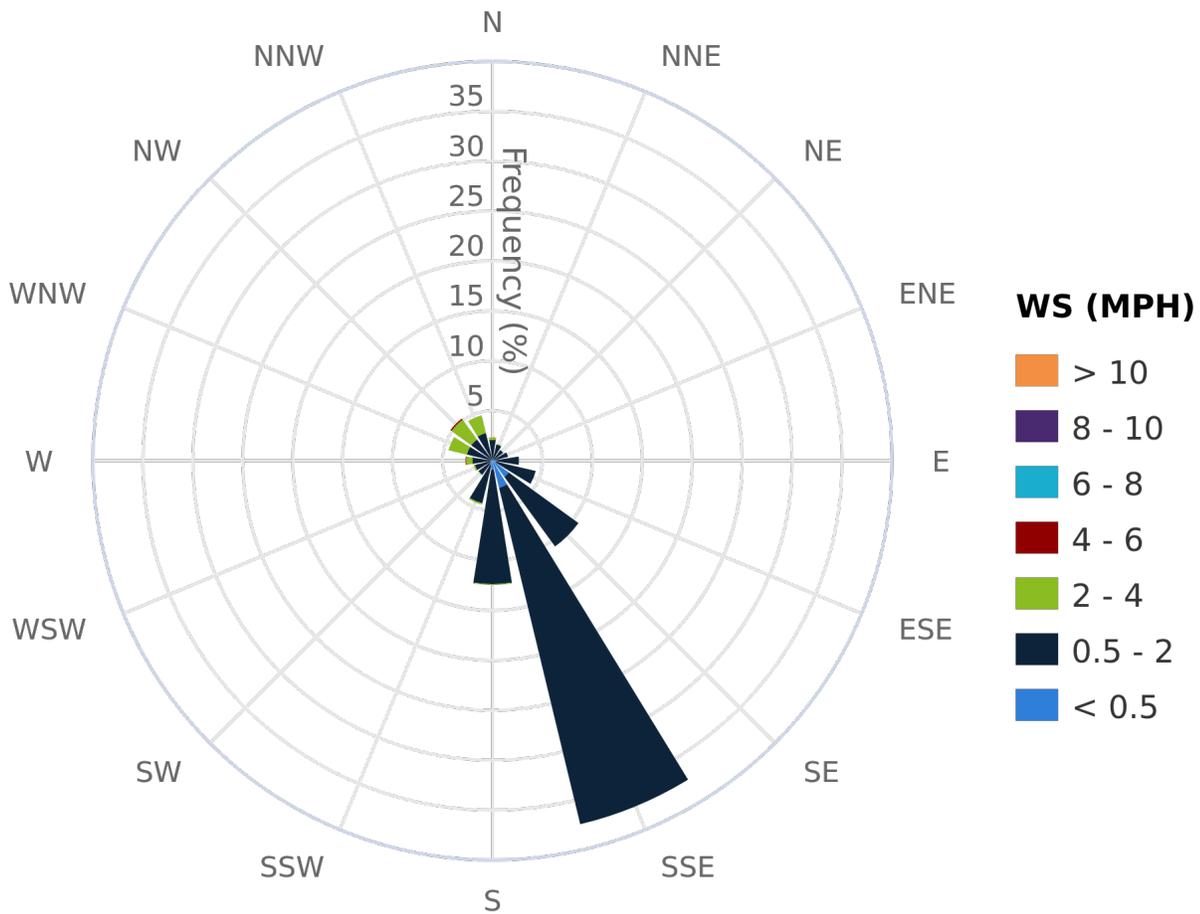


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

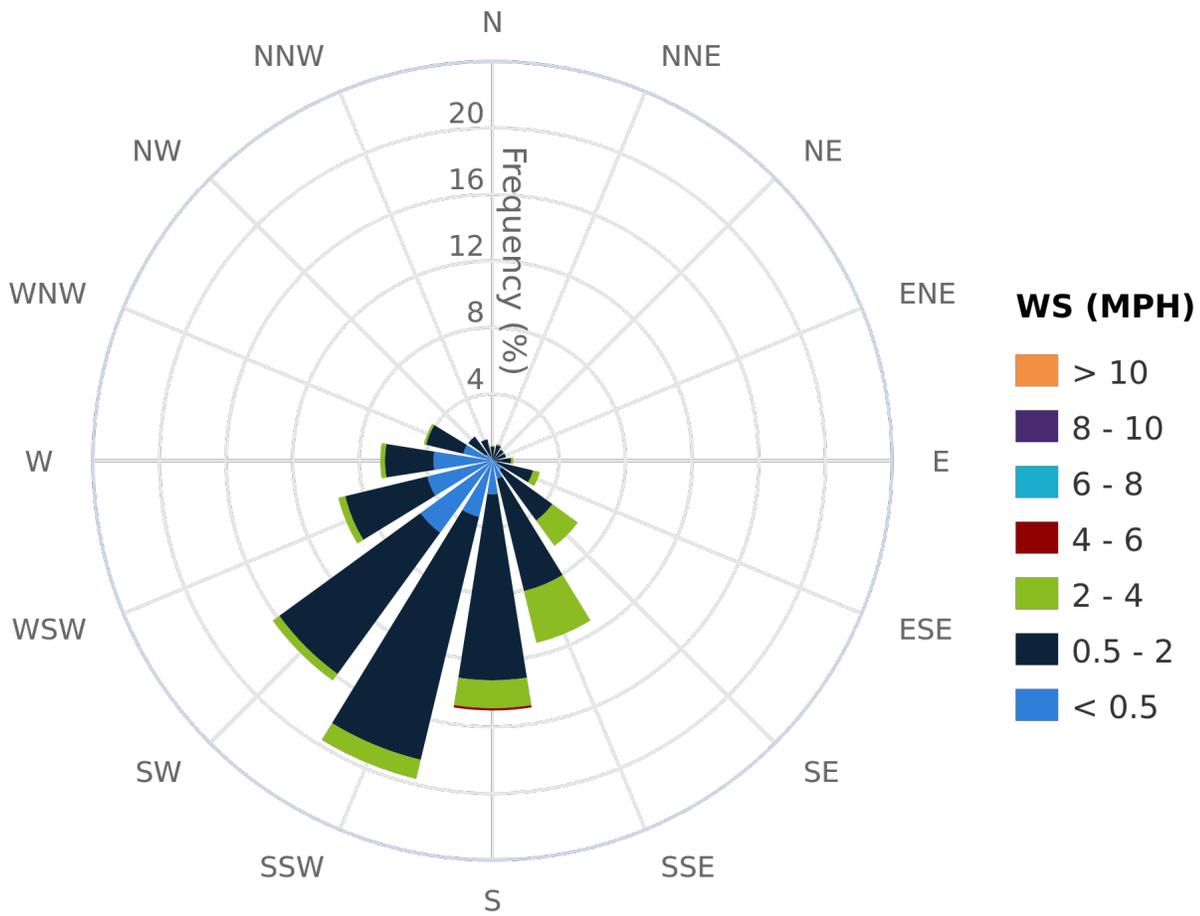


Figure 3 : Wind Rose Chart (WS in MPH)



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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	7.8	154.4	14.8	11.4	4.5	131.9	7.1	5.8	0.000	0.000	0.000	0.000
00:15:00	10.3	154.6	15.7	6.5	5.2	130.1	4.6	6.6	0.000	0.000	0.000	0.000
00:30:00	17.7	161.5	15.7	8.6	8.6	137.6	5.7	7.4	0.000	0.000	0.000	0.000
00:45:00	32.3	168.6	37.2	10.7	18.5	144.0	7.4	19.0	0.000	0.000	0.000	0.000
01:00:00	26.8	164.0	44.9	15.8	19.1	140.0	11.3	25.1	0.000	0.000	0.000	0.000
01:15:00	25.0	162.5	30.7	11.1	18.5	139.8	8.4	18.8	0.000	0.000	0.000	0.000
01:30:00	28.2	168.5	31.7	15.1	20.6	144.7	11.3	18.8	0.000	0.000	0.000	0.000
01:45:00	24.0	175.0	26.2	19.5	18.7	148.3	14.5	19.9	0.000	0.000	0.000	0.000
02:00:00	31.2	165.8	19.6	16.8	23.7	143.0	13.3	16.2	0.000	0.000	0.000	0.000
02:15:00	17.2	157.7	19.4	16.6	13.6	136.0	12.7	15.1	0.000	0.000	0.000	0.000
02:30:00	29.3	153.7	20.0	22.9	20.7	132.2	17.5	15.7	0.000	0.000	0.000	0.000
02:45:00	35.4	164.2	23.6	23.4	24.2	141.2	17.3	18.8	0.000	0.000	0.000	0.000
03:00:00	29.6	162.8	25.9	21.8	22.2	139.1	17.4	17.5	0.000	0.000	0.000	0.000
03:15:00	21.8	161.9	31.1	23.2	18.1	136.9	18.0	19.9	0.000	0.000	0.000	0.000
03:30:00	24.0	166.7	30.0	16.0	16.7	141.7	12.9	22.4	0.000	0.000	0.000	0.000
03:45:00	21.0	168.1	26.1	15.1	13.7	143.1	11.5	17.8	0.000	0.000	0.000	0.000
04:00:00	19.2	171.9	22.4	15.1	12.9	144.3	12.2	14.5	0.000	0.000	0.000	0.000
04:15:00	18.7	171.9	18.6	15.8	11.5	143.2	12.0	11.9	0.000	0.000	0.000	0.000
04:30:00	17.5	169.7	18.2	16.8	9.8	140.5	12.1	11.6	0.000	0.000	0.000	0.000
04:45:00	18.8	163.8	18.0	19.3	9.0	136.0	12.0	11.0	0.000	0.000	0.000	0.000
05:00:00	21.8	159.3	18.2	28.0	10.5	132.9	15.6	9.3	0.000	0.000	0.000	0.000
05:15:00	31.7	166.3	19.8	26.4	17.4	135.2	18.5	9.5	0.000	0.000	0.000	0.000
05:30:00	29.9	173.1	20.1	27.3	15.4	141.6	17.9	9.9	0.000	0.000	0.000	0.000
05:45:00	14.3	174.0	21.4	24.8	8.3	142.5	12.8	10.5	0.000	0.000	0.000	0.000
06:00:00	18.7	163.3	26.0	20.9	11.2	134.0	9.8	11.5	0.000	0.000	0.000	0.000
06:15:00	17.0	163.2	28.4	23.7	11.9	134.6	12.0	12.6	0.000	0.000	0.000	0.000
06:30:00	20.5	169.1	36.4	23.8	14.1	141.3	14.2	18.3	0.000	0.000	0.000	0.000
06:45:00	19.8	154.6	29.7	25.8	14.2	130.1	15.9	16.9	0.000	0.000	0.000	0.000
07:00:00	17.4	167.0	19.7	23.7	13.6	138.8	15.2	13.6	0.000	0.000	0.000	0.000
07:15:00	19.6	171.1	20.6	19.4	15.1	141.3	14.3	15.1	0.000	0.000	0.000	0.000
07:30:00	19.3	173.0	19.8	20.8	14.8	145.7	15.0	14.7	0.000	0.000	0.000	0.000
07:45:00	16.8	155.6	16.7	19.5	13.1	133.3	14.1	12.7	0.000	0.000	0.000	0.000
08:00:00	15.0	151.0	14.5	16.1	12.1	130.1	12.6	11.5	0.000	0.000	0.000	0.000
08:15:00	15.7	144.9	15.9	16.6	12.8	126.2	12.9	12.6	0.000	0.000	0.000	0.000
08:30:00	19.0	155.0	17.0	17.8	14.6	134.8	13.7	13.3	0.000	0.000	0.000	0.000
08:45:00	20.6	162.7	19.2	19.5	14.2	140.1	13.9	14.1	0.000	0.000	0.000	0.000
09:00:00	18.6	168.2	18.7	18.6	12.2	143.5	12.4	12.7	0.000	0.000	0.000	0.000
09:15:00	18.6	173.9	18.2	17.7	12.2	147.7	11.6	12.0	0.000	0.000	0.000	0.000
09:30:00	20.1	162.1	18.4	18.5	13.2	140.1	12.4	12.7	0.000	0.000	0.000	0.000
09:45:00	17.6	160.9	16.9	17.7	10.1	139.1	11.2	10.7	0.000	0.000	0.000	0.000
10:00:00	15.9	153.1	14.4	17.2	9.5	132.9	10.3	9.4	0.000	0.000	0.000	0.000
10:15:00	16.3	159.3	15.8	15.9	9.5	136.9	9.3	9.9	0.000	0.000	0.000	0.000
10:30:00	15.8	151.1	15.2	15.6	9.1	132.9	8.8	9.1	0.000	0.001	0.000	0.000
10:45:00	15.4	154.6	15.1	15.7	9.1	134.6	9.1	9.1	0.000	0.011	0.000	0.000
11:00:00	15.3	146.9	14.8	15.5	9.1	127.2	9.0	9.1	0.001	0.018	0.000	0.001
11:15:00	14.7	152.3	14.7	14.4	8.9	132.6	8.7	9.0	0.004	0.019	0.000	0.008
11:30:00	13.4		13.4	12.8	8.2		8.0	8.4	0.000	0.000	0.000	0.017
11:45:00	12.6	142.5	12.7	11.8	7.6	128.3	7.3	7.7	0.000	0.000	0.000	0.018



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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	11.3	133.1	12.3	12.3	6.8	122.7	7.5	7.6	0.000	0.000	0.000	0.016
12:15:00	12.2	121.3	12.1	12.5	7.5	114.2	7.5	7.4	0.000	0.000	0.000	0.011
12:30:00	12.4	144.3	12.4	12.3	7.5	131.8	7.4	7.6	0.000	0.000	0.000	0.009
12:45:00	12.0	131.1	11.7	11.3	7.0	123.7	6.9	7.0	0.000	0.000	0.000	0.001
13:00:00	11.0	137.2	11.2	11.8	6.8	130.2	6.8	6.8	0.000	0.000	0.000	0.000
13:15:00	10.6	125.5	10.6	10.7	6.3	118.8	6.3	6.2	0.000	0.000	0.000	0.000
13:30:00	10.2	129.1	10.4	10.7	5.9	123.9	6.1	5.9	0.000	0.000	0.000	0.000
13:45:00	9.7	132.6	10.2	10.1	5.8	125.0	6.0	5.8	0.000	0.000	0.000	0.000
14:00:00	9.2	126.2	9.0	9.8	5.4	120.5	5.6	5.3	0.000	0.000	0.000	0.000
14:15:00	9.0	130.9	9.3	9.2	5.3	123.1	5.5	5.2	0.000	0.000	0.000	0.000
14:30:00	10.1	128.8	9.7	10.1	6.5	122.2	6.4	5.9	0.000	0.000	0.000	0.000
14:45:00	11.4	132.6	13.4	11.9	7.6	123.7	8.0	8.1	0.000	0.000	0.000	0.000
15:00:00	9.5	136.6	10.3	9.9	5.8	127.4	6.0	6.0	0.000	0.000	0.000	0.000
15:15:00	10.1	143.3	11.0	10.1	6.1	132.4	6.1	6.3	0.000	0.000	0.000	0.000
15:30:00	9.6	137.2	13.7	10.3	5.9	128.4	6.3	6.5	0.000	0.000	0.000	0.000
15:45:00	9.9	137.5	14.4	10.8	5.9	128.1	6.3	6.6	0.000	0.000	0.000	0.000
16:00:00	10.4	135.7	15.8	10.8	6.1	126.7	6.3	6.7	0.000	0.000	0.000	0.000
16:15:00	10.3	140.3	12.7	11.0	6.0	132.1	6.1	6.3	0.000	0.000	0.000	0.000
16:30:00	9.9	140.4	13.0	10.2	5.6	131.2	5.7	5.9	0.000	0.000	0.000	0.000
16:45:00	9.9	143.9	10.1	10.0	5.5	132.0	5.6	5.5	0.000	0.004	0.000	0.000
17:00:00	10.0	152.7	10.7	9.8	5.6	138.0	5.6	5.7	0.000	0.022	0.000	0.000
17:15:00	10.1	146.0	10.5	10.5	5.8	134.4	5.8	6.0	0.000	0.028	0.000	0.001
17:30:00	10.6	144.4	10.8	11.1	6.1	133.5	6.2	6.1	0.000	0.032	0.000	0.004
17:45:00	11.2	145.0	11.3	11.3	6.4	132.9	6.4	6.4	0.002	0.026	0.003	0.007
18:00:00	12.5	151.6	11.9	12.3	7.1	137.0	7.0	6.9	0.016	0.026	0.010	0.006
18:15:00	13.8	152.7	13.0	13.7	7.8	138.2	7.6	7.6	0.030	0.017	0.013	0.007
18:30:00	13.6	156.4	13.4	14.0	8.0	140.6	8.0	7.9	0.035	0.009	0.016	0.006
18:45:00	13.6	152.3	13.3	13.6	7.7	137.7	7.7	7.8	0.036	0.012	0.015	0.003
19:00:00	13.2	152.5	13.5	12.9	7.5	137.9	7.3	7.6	0.040	0.010	0.017	0.002
19:15:00	13.4	160.4	13.7	13.7	7.7	144.8	7.5	7.6	0.043	0.001	0.018	0.000
19:30:00	14.2	156.7	14.3	14.6	8.1	141.0	8.0	8.1	0.042	0.004	0.018	0.000
19:45:00	14.7	147.2	14.7	14.2	8.4	132.8	8.0	8.1	0.045	0.000	0.017	0.000
20:00:00	14.8	152.1	15.0	13.7	8.3	135.2	7.9	8.2	0.037	0.000	0.014	0.000
20:15:00	15.2	151.1	15.0	13.5	8.7	134.6	7.8	8.1	0.030	0.000	0.012	0.000
20:30:00	16.5	157.9	16.0	15.0	9.7	141.0	8.4	9.0	0.023	0.000	0.010	0.000
20:45:00	16.6	149.4	16.1	15.6	10.1	133.9	9.1	9.4	0.017	0.000	0.006	0.000
21:00:00	16.4	150.7	14.9	16.0	10.2	133.5	9.6	9.1	0.008	0.000	0.002	0.000
21:15:00	15.5	158.9	15.9	15.8	9.7	138.2	9.6	9.5	0.004	0.000	0.001	0.000
21:30:00	31.0	155.2	16.2	15.9	11.6	136.8	9.8	9.7	0.001	0.000	0.000	0.000
21:45:00	20.8	169.7	16.6	16.0	10.7	149.4	9.9	10.0	0.000	0.000	0.000	0.000
22:00:00	17.2	168.6	17.3	16.1	9.9	146.1	9.8	8.9	0.000	0.000	0.000	0.000
22:15:00	14.2	152.5	18.9	15.1	9.1	135.1	9.6	9.7	0.000	0.000	0.000	0.000
22:30:00	13.6	155.5	17.9	14.6	8.9	140.0	9.5	9.6	0.000	0.000	0.000	0.000
22:45:00	13.6	164.3	15.8	13.8	8.8	144.3	8.9	8.6	0.000	0.000	0.000	0.000
23:00:00	13.5	157.5	15.2	14.5	8.9	138.5	9.2	8.6	0.000	0.000	0.000	0.000
23:15:00	30.7	153.0	14.2	13.6	10.4	136.7	9.0	8.3	0.000	0.000	0.000	0.000
23:30:00	26.7	163.2	13.3	14.0	9.8	142.7	9.2	8.1	0.000	0.000	0.000	0.000
23:45:00	15.8	158.4	12.5	13.5	9.0	140.5	8.5	7.7	0.000	0.000	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. 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)
00:00:00		154.4				131.9						
00:15:00		154.6				130.1						
00:30:00		161.5				137.6						
00:45:00		168.6				144.0						
01:00:00		164.0				140.0						
01:15:00		162.5				139.8						
01:30:00		168.5				144.7						
01:45:00		175.0				148.3						
02:00:00		165.8				143.0						
02:15:00		157.7				136.0						
02:30:00		153.7				132.2						
02:45:00		164.2				141.2						
03:00:00		162.8				139.1						
03:15:00		161.9				136.9						
03:30:00		166.7				141.7						
03:45:00		168.1				143.1						
04:00:00		171.9				144.3						
04:15:00		171.9				143.2						
04:30:00		169.7				140.5						
04:45:00		163.8				136.0						
05:00:00		159.3				132.9						
05:15:00		166.3				135.2						
05:30:00		173.1				141.6						
05:45:00		174.0				142.5						
06:00:00		163.3				134.0						
06:15:00		163.2				134.6						
06:30:00		169.1				141.3						
06:45:00		154.6				130.1						
07:00:00		167.0				138.8						
07:15:00		171.1				141.3						
07:30:00		173.0				145.7						
07:45:00		155.6				133.3						
08:00:00		151.0				130.1						
08:15:00						126.2						
08:30:00		155.0				134.8						
08:45:00		162.7				140.1						
09:00:00		168.2				143.5						
09:15:00		173.9				147.7						
09:30:00		162.1				140.1						
09:45:00		160.9				139.1						
10:00:00		153.1				132.9						
10:15:00		159.3				136.9						