



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-17

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 7.203	2943 SSE	3277 NNE	2996 SE	2997 S	Min : 46.04 Max : 104.9	Min : 39.90 Max : 89.20	Min : 28.95 Max : 31.35

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³	PM2.5 : 35 µg/m ³	H2S : 10 PPM			
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2943	10.1	16.8	5.0	8.0	0.005	0.033
2996	11.0	16.8	5.2	7.9	0.001	0.009
2997	10.8	16.6	5.0	6.7	0.001	0.024
3277	160.5	184.8	134.5	152.1	0.002	0.027

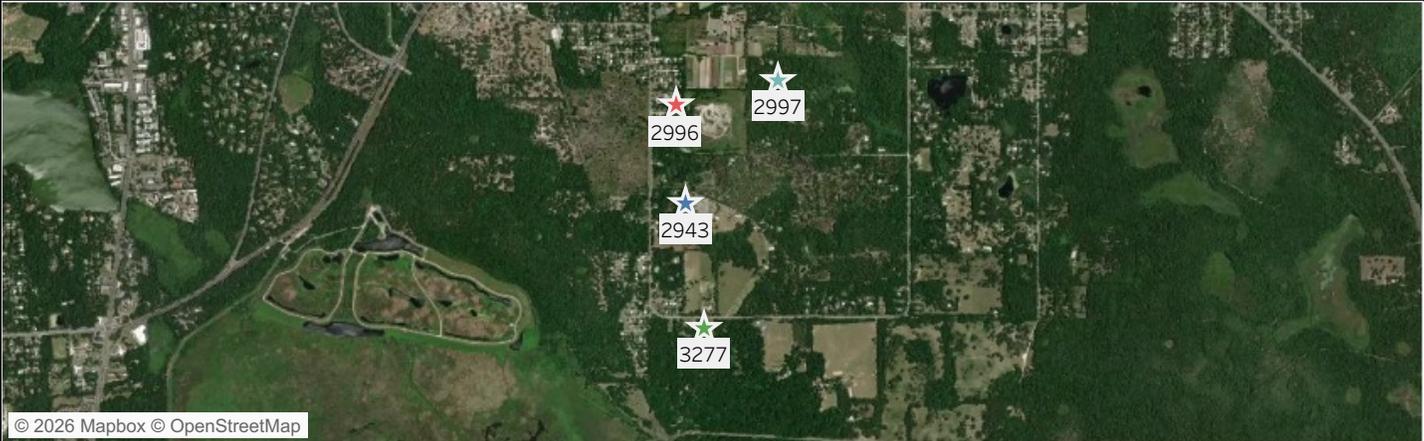


Figure 1 : Monitoring Locations

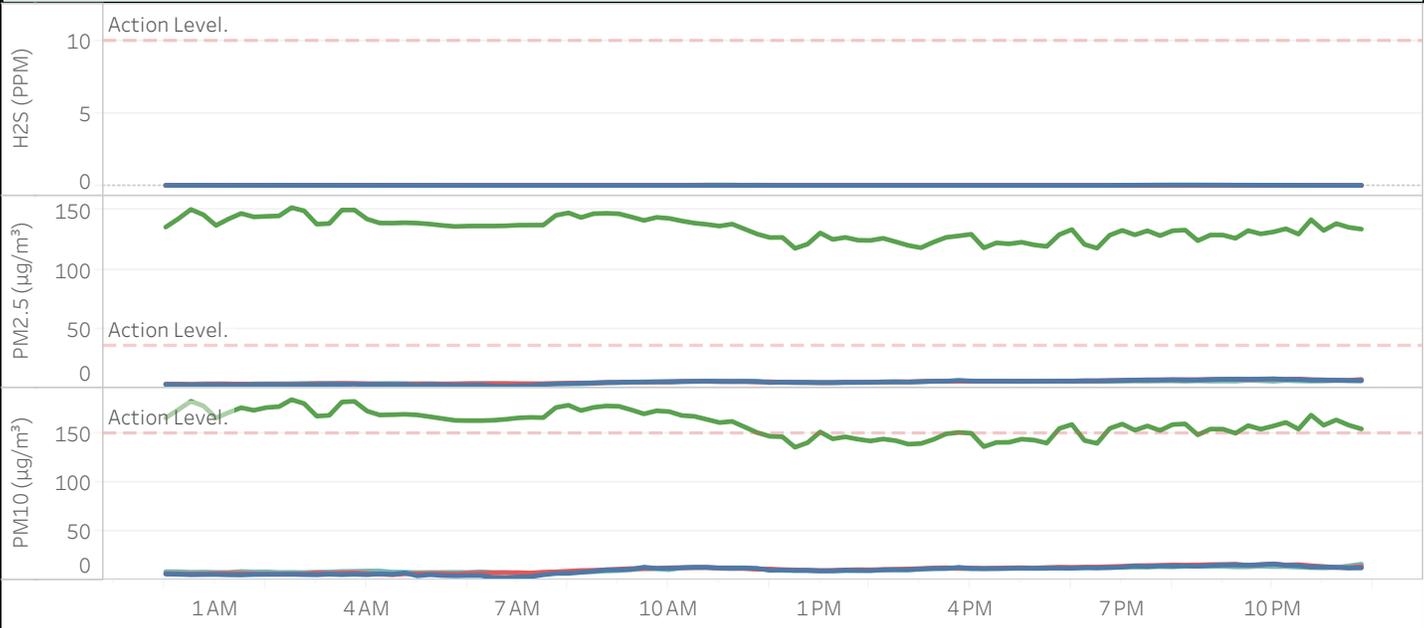


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

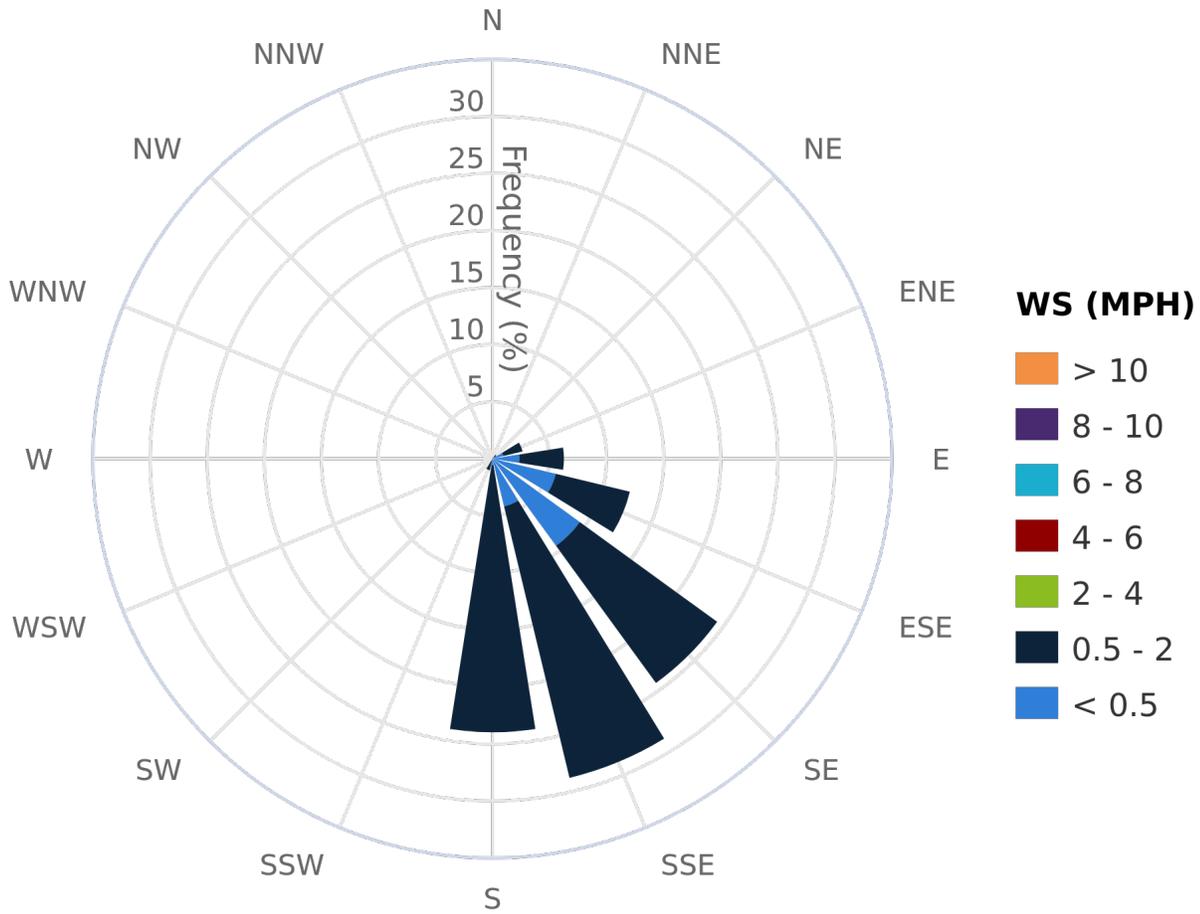


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

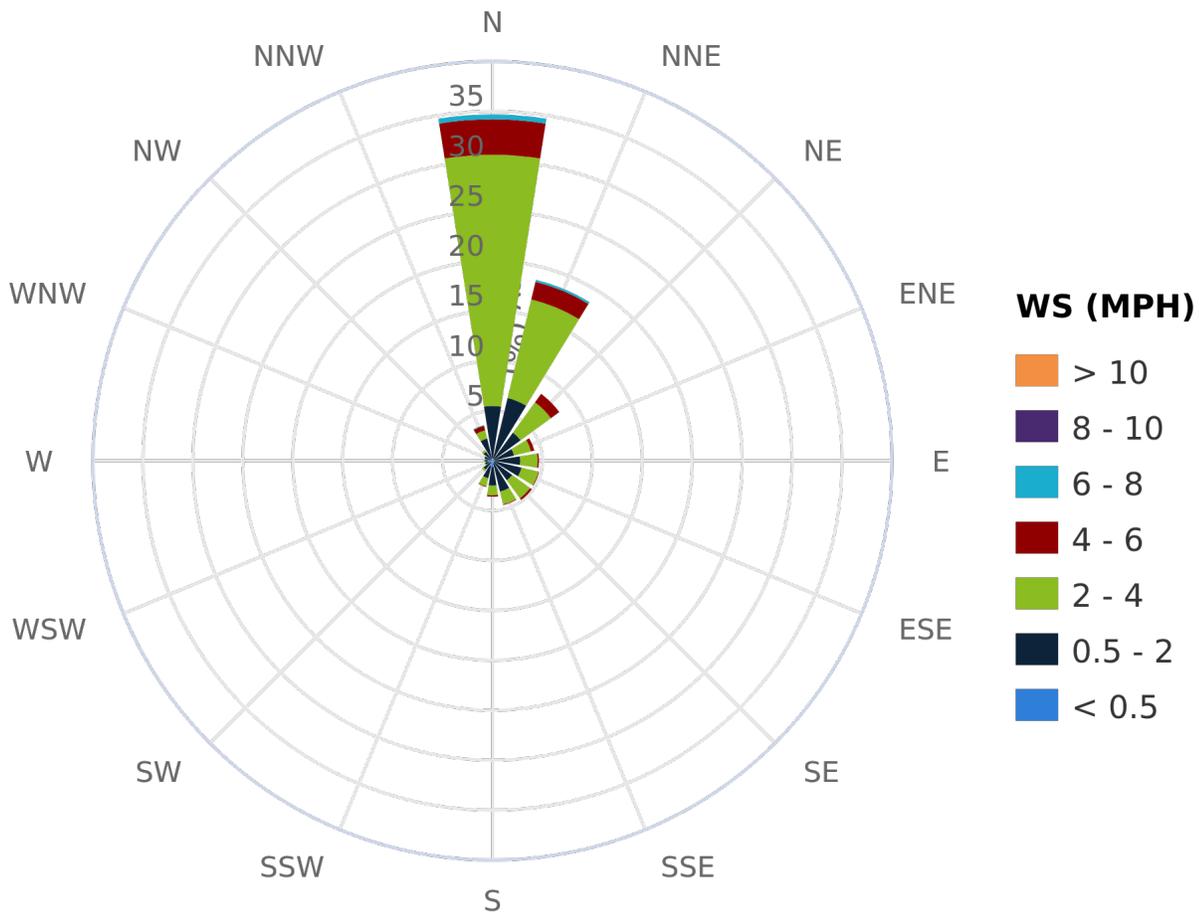


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

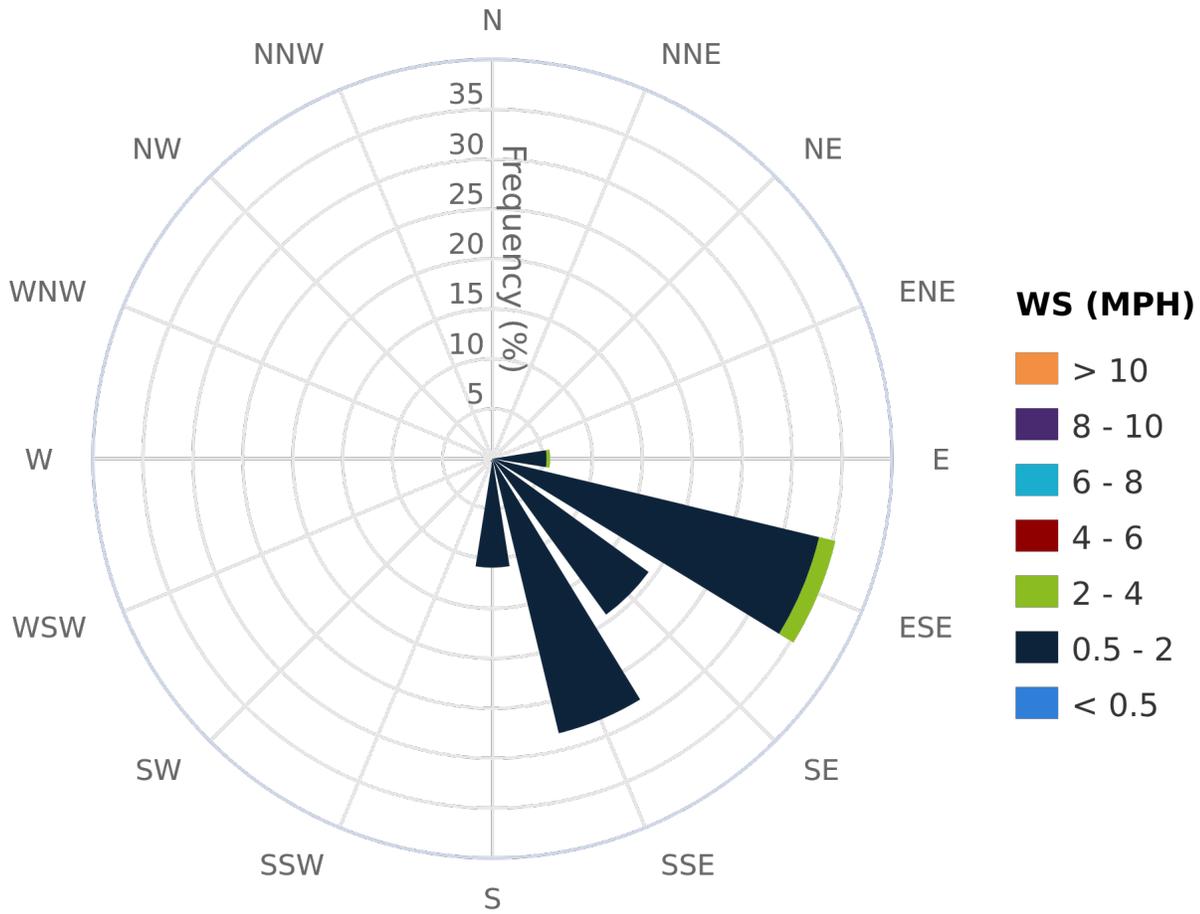


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

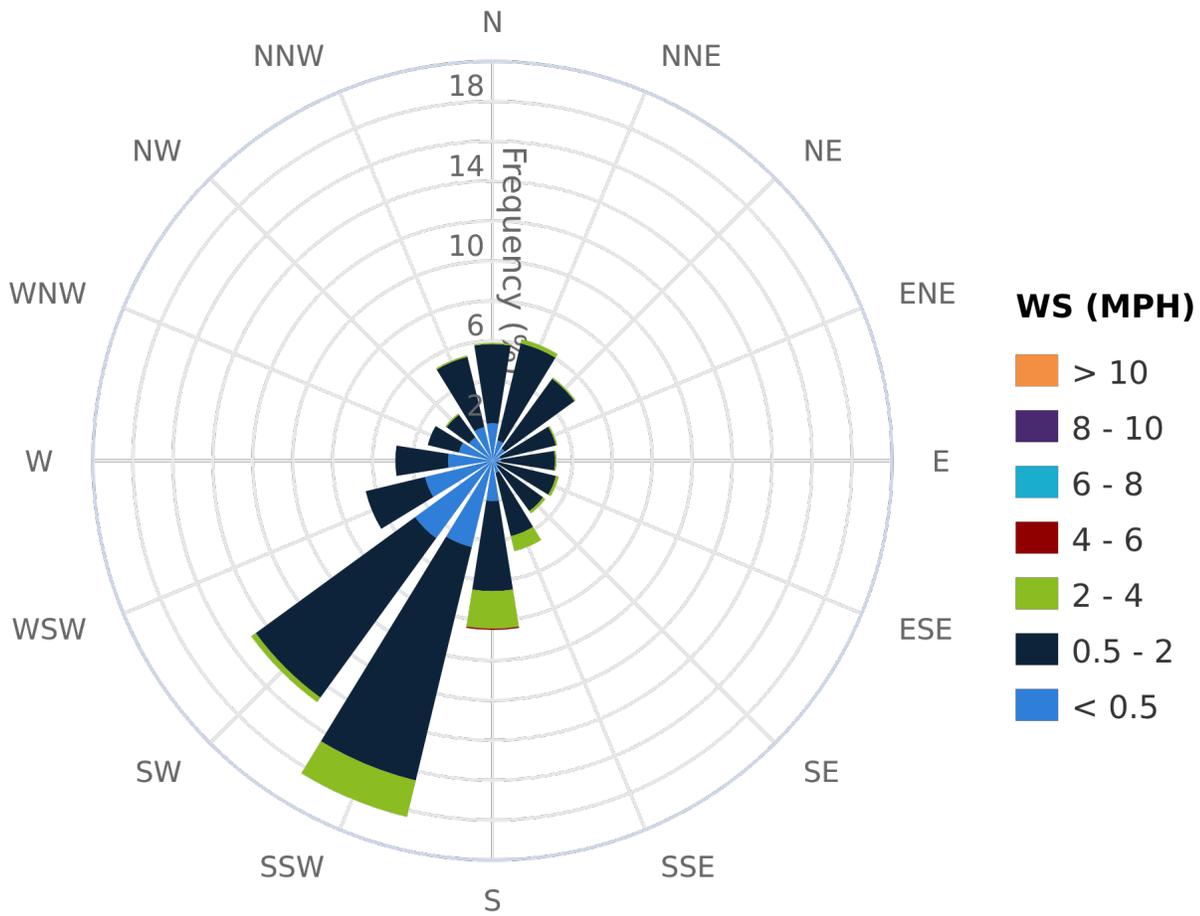


Figure 3 : Wind Rose Chart (WS in MPH)



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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	6.4	166.1	8.8	7.0	3.2	135.7	3.4	3.6	0.005	0.000	0.000	0.000
00:15:00	6.1	174.5	8.8	6.6	3.1	142.7	3.3	3.6	0.005	0.000	0.000	0.001
00:30:00	5.6	183.1	8.3	6.4	2.9	150.6	3.2	3.4	0.007	0.000	0.000	0.000
00:45:00	5.9	178.4	8.5	6.5	3.0	146.1	3.3	3.8	0.008	0.000	0.000	0.000
01:00:00	5.9	166.0	8.1	7.0	2.9	137.1	3.7	3.8	0.005	0.000	0.000	0.000
01:15:00	5.6	171.6	8.1	7.0	2.9	142.6	3.6	3.8	0.004	0.000	0.000	0.000
01:30:00	5.4	176.5	9.0	7.0	3.0	147.2	3.6	3.3	0.005	0.001	0.000	0.000
01:45:00	5.9	173.9	8.5	6.6	3.2	144.3	3.4	3.7	0.006	0.000	0.000	0.000
02:00:00	6.0	176.7	8.7	6.4	3.2	144.8	3.4	3.8	0.004	0.000	0.000	0.000
02:15:00	6.0	177.6	8.0	6.4	3.1	145.1	3.4	3.8	0.009	0.000	0.000	0.001
02:30:00	6.0	184.8	8.2	6.5	3.0	152.1	3.4	3.9	0.006	0.000	0.000	0.000
02:45:00	5.8	180.7	8.0	6.6	3.1	149.4	3.5	4.1	0.005	0.000	0.000	0.000
03:00:00	5.6	167.9	8.4	7.5	3.1	138.2	3.9	4.1	0.005	0.000	0.000	0.000
03:15:00	6.2	168.7	8.5	7.1	3.4	138.7	3.8	4.2	0.006	0.000	0.000	0.000
03:30:00	5.7	182.4	9.1	7.5	3.2	150.1	4.0	4.3	0.004	0.000	0.000	0.000
03:45:00	6.1	183.0	9.2	7.6	3.5	150.2	4.0	3.9	0.005	0.000	0.000	0.000
04:00:00	5.7	173.1	9.5	6.8	3.1	142.5	3.7	3.9	0.002	0.000	0.000	0.000
04:15:00	6.6	169.0	9.5	6.4	3.3	139.2	3.5	4.0	0.005	0.000	0.000	0.000
04:30:00	6.2	169.3	8.4	5.6	3.2	139.1	3.2	4.1	0.004	0.000	0.000	0.000
04:45:00	7.6	169.8	8.2	6.6	3.2	139.4	3.6	4.0	0.002	0.000	0.000	0.000
05:00:00	4.5	169.1	7.9	6.7	2.5	139.1	3.5	4.0	0.003	0.000	0.000	0.000
05:15:00	5.7	167.3	8.1	6.9	3.1	138.3	3.6	4.0	0.004	0.000	0.000	0.000
05:30:00	4.9	165.4	8.0	6.9	2.8	137.1	3.7	3.6	0.001	0.000	0.000	0.000
05:45:00	4.6	163.5	8.2	6.4	2.6	136.2	3.5	3.9	0.001	0.000	0.000	0.000
06:00:00	4.8	163.3	8.0	7.2	2.6	136.6	3.8	4.0	0.000	0.000	0.000	0.000
06:15:00	4.8	163.3	8.8	7.3	2.7	136.6	3.8	4.1	0.000	0.000	0.000	0.000
06:30:00	3.0	163.6	8.1	7.6	1.9	136.6	3.9	4.1	0.000	0.000	0.000	0.000
06:45:00	2.6	164.6	8.0	7.8	1.7	136.8	4.0	3.9	0.000	0.000	0.000	0.000
07:00:00	3.4	166.1	7.2	7.9	2.1	137.4	3.9	3.6	0.000	0.000	0.000	0.000
07:15:00	3.7	166.6	7.3	7.4	2.2	137.4	3.8	3.8	0.000	0.000	0.000	0.000
07:30:00	5.6	166.3	7.8	8.3	3.2	137.4	3.9	3.6	0.000	0.001	0.000	0.000
07:45:00	7.0	176.7	8.2	8.7	3.7	145.6	4.0	3.9	0.000	0.000	0.000	0.000
08:00:00	7.1	179.1	8.5	9.3	3.9	147.7	4.3	3.9	0.000	0.000	0.000	0.000
08:15:00	8.2	173.6	8.6	10.0	4.2	143.8	4.5	3.8	0.000	0.000	0.000	0.000
08:30:00	9.3	176.8	8.8	10.3	4.5	147.0	4.6	4.1	0.000	0.000	0.000	0.000
08:45:00	10.8	178.3	9.5	10.7	4.9	147.4	4.8	4.6	0.000	0.000	0.000	0.000
09:00:00	10.7	178.0	10.0	11.4	5.0	146.9	5.0	4.7	0.000	0.000	0.000	0.000
09:15:00	11.2	174.3	10.8	12.0	5.2	144.3	5.2	5.0	0.000	0.000	0.000	0.000
09:30:00	13.4	170.2	11.8	12.1	5.4	141.3	5.2	5.3	0.000	0.000	0.000	0.000
09:45:00	12.2	173.4	11.8	12.2	5.5	143.9	5.3	5.3	0.000	0.000	0.000	0.000
10:00:00	12.3	172.5	10.8	12.8	5.6	143.1	5.5	4.9	0.000	0.015	0.000	0.000
10:15:00	12.8	168.5	12.7	13.0	5.7	140.9	5.7	5.7	0.000	0.015	0.000	0.000
10:30:00	13.4	167.7	13.0	12.9	5.9	139.1	5.7	5.8	0.000	0.017	0.000	0.000
10:45:00	13.3	164.5	12.9	13.2	6.1	138.0	5.8	5.8	0.000	0.026	0.000	0.005
11:00:00	12.7	161.3	12.2	12.5	5.9	136.6	5.7	5.6	0.002	0.027	0.000	0.011
11:15:00	12.7	162.5	11.8	12.4	5.9	138.3	5.6	5.6	0.008	0.025	0.000	0.019
11:30:00	12.7		12.1	12.2	5.9		5.6	5.6	0.005	0.012	0.000	0.020
11:45:00	12.3	151.0	11.7	11.3	5.8	129.9	5.3	5.5	0.000	0.001	0.000	0.024



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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	10.2	147.2	10.9	11.6	4.8	126.9	5.4	5.4	0.000	0.000	0.000	0.017
12:15:00	10.6	146.7	10.2	10.9	5.1	127.0	5.1	4.9	0.000	0.000	0.000	0.008
12:30:00	10.1	136.0	9.9	10.6	5.1	117.8	4.9	4.7	0.000	0.000	0.000	0.000
12:45:00	10.3	140.8	9.7	10.2	5.0	121.4	4.9	4.7	0.000	0.000	0.000	0.000
13:00:00	9.7	151.7	9.4	10.0	4.8	130.8	4.8	4.6	0.000	0.000	0.000	0.000
13:15:00	9.7	144.6	9.5	10.1	4.9	125.3	4.8	4.6	0.000	0.000	0.000	0.000
13:30:00	10.4	146.7	9.7	10.6	5.1	127.1	5.0	4.7	0.000	0.000	0.000	0.000
13:45:00	10.2	144.3	9.8	10.9	5.0	124.7	5.0	4.7	0.000	0.000	0.000	0.000
14:00:00	9.9	142.5	10.0	10.8	5.1	124.5	5.1	4.9	0.000	0.000	0.000	0.000
14:15:00	10.8	144.5	10.4	11.1	5.4	126.3	5.3	5.0	0.000	0.000	0.000	0.000
14:30:00	10.8	142.8	10.7	11.3	5.5	123.4	5.5	5.2	0.000	0.000	0.000	0.000
14:45:00	10.8	139.2	10.6	11.6	5.3	120.3	5.5	5.2	0.000	0.000	0.000	0.000
15:00:00	11.7	139.8	11.3	12.0	5.7	118.3	5.7	5.5	0.000	0.000	0.000	0.000
15:15:00	12.1	144.0	11.8	12.6	5.9	123.1	6.0	5.8	0.000	0.000	0.000	0.000
15:30:00	12.0	149.8	12.2	12.9	6.0	127.1	6.1	5.9	0.000	0.000	0.000	0.000
15:45:00	13.3	151.2	12.0	12.4	6.7	128.3	6.0	5.9	0.000	0.000	0.000	0.000
16:00:00	12.2	150.4	11.7	12.5	6.1	129.7	6.1	5.8	0.000	0.000	0.000	0.000
16:15:00	11.9	136.7	12.0	12.2	6.0	118.2	5.9	5.9	0.000	0.000	0.000	0.000
16:30:00	11.8	141.0	12.3	12.5	6.0	122.5	5.9	5.9	0.000	0.000	0.000	0.000
16:45:00	12.2	141.1	12.2	12.7	6.0	121.6	6.0	5.8	0.000	0.000	0.000	0.000
17:00:00	12.4	144.3	12.3	12.9	6.0	123.0	6.0	5.7	0.000	0.000	0.000	0.000
17:15:00	12.3	143.4	12.1	12.6	5.9	120.7	6.0	5.8	0.000	0.000	0.000	0.000
17:30:00	12.5	140.3	12.1	13.0	6.0	119.4	6.1	5.8	0.000	0.000	0.000	0.000
17:45:00	12.4	155.3	13.1	13.4	6.0	129.4	6.1	6.0	0.000	0.000	0.000	0.000
18:00:00	12.3	159.4	12.4	13.3	6.0	133.7	6.1	5.8	0.000	0.001	0.000	0.000
18:15:00	13.0	143.0	12.7	13.5	6.3	121.1	6.3	5.8	0.000	0.004	0.000	0.001
18:30:00	12.5	140.0	13.5	13.6	6.3	118.0	6.3	5.8	0.000	0.000	0.000	0.002
18:45:00	12.9	155.3	13.2	13.9	6.4	128.9	6.5	5.8	0.000	0.002	0.000	0.002
19:00:00	13.4	159.8	13.5	14.3	6.6	133.0	6.7	5.9	0.011	0.005	0.000	0.002
19:15:00	14.7	153.5	13.4	14.9	6.9	129.2	6.9	6.1	0.018	0.004	0.000	0.000
19:30:00	14.0	157.9	13.6	15.1	7.0	132.7	7.1	6.0	0.021	0.003	0.001	0.001
19:45:00	14.8	153.2	13.9	15.3	7.0	128.5	7.1	6.2	0.028	0.001	0.004	0.000
20:00:00	14.5	159.3	13.7	15.7	7.2	132.7	7.2	6.2	0.031	0.001	0.007	0.000
20:15:00	14.7	160.0	14.4	15.6	7.0	133.2	7.2	5.9	0.033	0.000	0.008	0.000
20:30:00	14.3	148.7	14.4	15.8	7.0	124.3	7.3	6.3	0.030	0.001	0.009	0.000
20:45:00	15.1	154.7	14.3	16.1	7.4	129.1	7.4	6.0	0.027	0.001	0.008	0.000
21:00:00	15.6	154.6	14.2	16.2	7.6	129.0	7.6	6.1	0.026	0.000	0.009	0.000
21:15:00	15.7	150.4	13.8	16.5	7.7	126.3	7.6	6.0	0.020	0.000	0.007	0.000
21:30:00	15.6	158.2	13.8	15.2	7.6	132.8	7.3	6.7	0.020	0.000	0.008	0.000
21:45:00	15.9	154.6	14.5	16.1	7.8	130.0	7.6	6.4	0.016	0.000	0.007	0.000
22:00:00	16.8	157.8	14.0	16.8	8.0	131.6	7.9	6.0	0.013	0.000	0.008	0.000
22:15:00	15.3	161.5	14.1	15.7	7.5	134.3	7.5	6.6	0.009	0.000	0.005	0.000
22:30:00	15.1	154.6	13.5	16.0	7.4	129.8	7.8	6.2	0.008	0.000	0.005	0.000
22:45:00	13.5	169.0	13.0	14.9	6.9	142.0	7.3	6.0	0.003	0.000	0.003	0.000
23:00:00	13.7	158.6	12.7	14.0	6.9	132.8	7.1	6.1	0.003	0.000	0.001	0.000
23:15:00	13.4	164.0	13.1	13.1	6.8	138.7	6.7	6.5	0.003	0.000	0.002	0.000
23:30:00	12.6	158.6	14.7	12.9	6.5	135.5	6.7	6.4	0.000	0.000	0.000	0.000
23:45:00	12.6	154.8	16.6	14.2	6.5	134.0	7.4	6.2	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		166.1				135.7						
00:15:00		174.5				142.7						
00:30:00		183.1				150.6						
00:45:00		178.4				146.1						
01:00:00		166.0				137.1						
01:15:00		171.6				142.6						
01:30:00		176.5				147.2						
01:45:00		173.9				144.3						
02:00:00		176.7				144.8						
02:15:00		177.6				145.1						
02:30:00		184.8				152.1						
02:45:00		180.7				149.4						
03:00:00		167.9				138.2						
03:15:00		168.7				138.7						
03:30:00		182.4				150.1						
03:45:00		183.0				150.2						
04:00:00		173.1				142.5						
04:15:00		169.0				139.2						
04:30:00		169.3				139.1						
04:45:00		169.8				139.4						
05:00:00		169.1				139.1						
05:15:00		167.3				138.3						
05:30:00		165.4				137.1						
05:45:00		163.5				136.2						
06:00:00		163.3				136.6						
06:15:00		163.3				136.6						
06:30:00		163.6				136.6						
06:45:00		164.6				136.8						
07:00:00		166.1				137.4						
07:15:00		166.6				137.4						
07:30:00		166.3				137.4						
07:45:00		176.7				145.6						
08:00:00		179.1				147.7						
08:15:00		173.6				143.8						
08:30:00		176.8				147.0						
08:45:00		178.3				147.4						
09:00:00		178.0				146.9						
09:15:00		174.3				144.3						
09:30:00		170.2				141.3						
09:45:00		173.4				143.9						
10:00:00		172.5				143.1						
10:15:00		168.5				140.9						