



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-13

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.089 to 7.203	2943 ENE	3277 NNE	2996 SSE	2997 WNW	Min : 41.00 Max : 87.62	Min : 21.60 Max : 82.70	Min : 28.91 Max : 30.48

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	55.9	512.3	14.5	68.6	0.004	0.046
2996	16.1	75.0	9.8	47.5	0.012	0.068
2997	13.9	41.3	8.9	20.6	0.002	0.028
3277	97.7	148.0	88.0	121.2	0.005	0.045



Figure 1 : Monitoring Locations

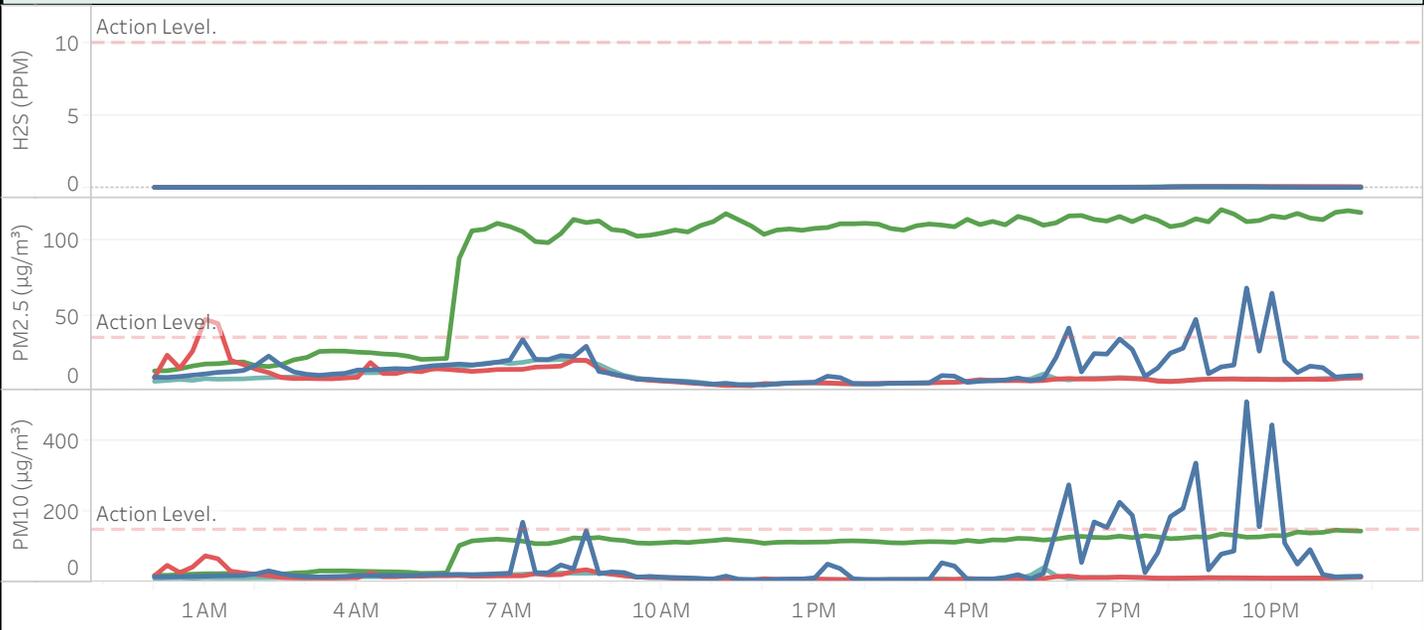


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3277



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Wind Rose Chart 2943

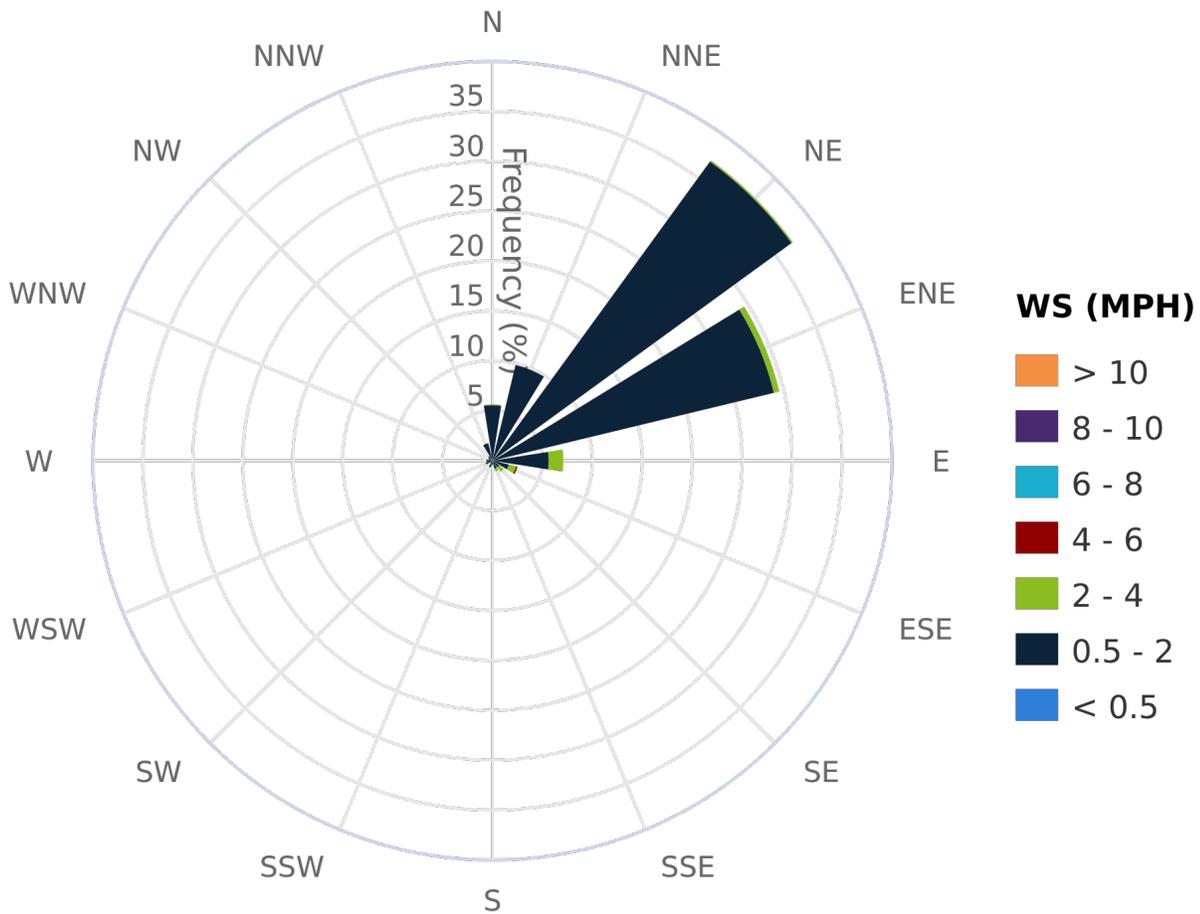


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

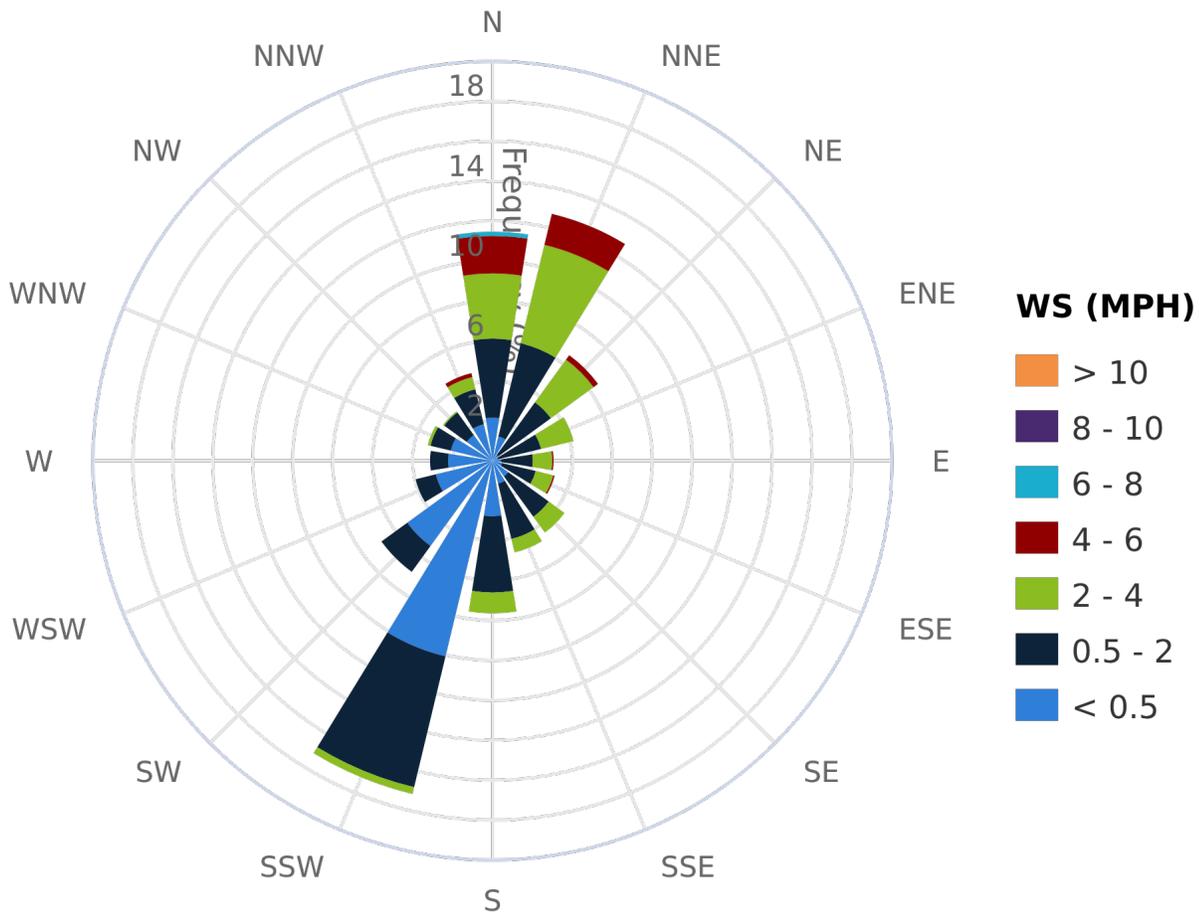


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

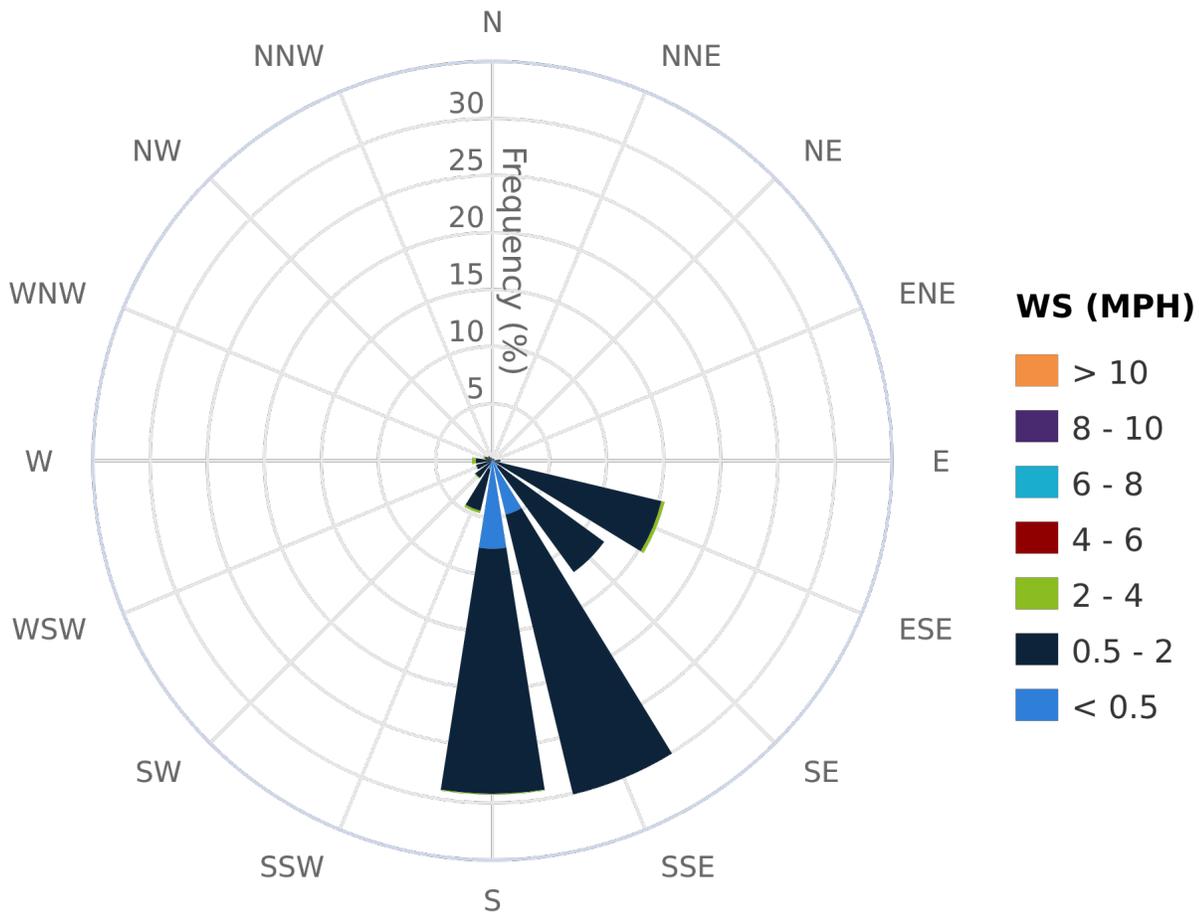


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

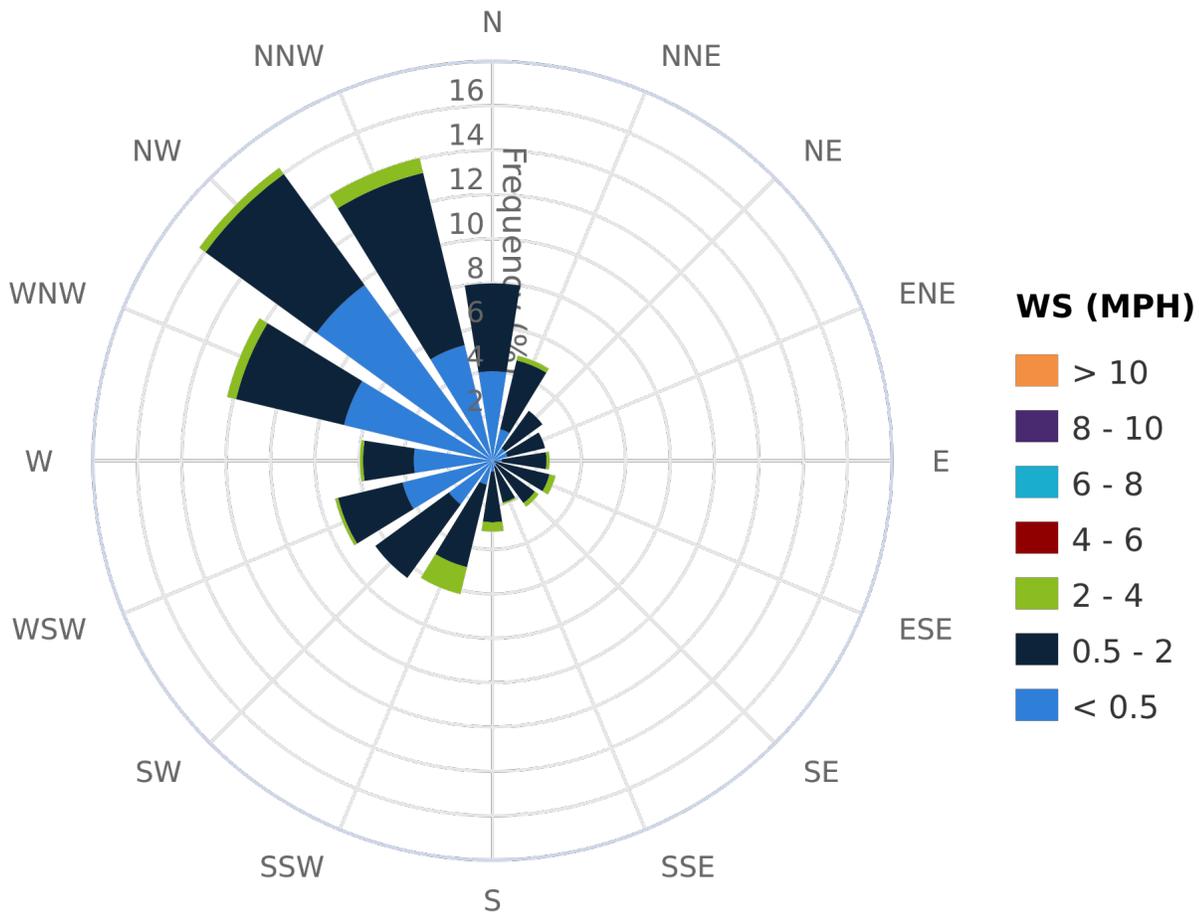


Figure 3 : Wind Rose Chart (WS in MPH)



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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	15.5	20.0	11.1	18.3	8.8	13.0	8.4	6.0	0.000	0.000	0.015	0.000
00:15:00	15.4	19.8	12.1	48.2	8.6	13.1	23.5	6.6	0.000	0.000	0.013	0.000
00:30:00	15.8	21.5	12.6	27.4	9.3	14.4	14.8	7.3	0.000	0.000	0.014	0.000
00:45:00	16.7	23.1	11.3	43.3	10.1	16.3	26.2	6.7	0.000	0.000	0.015	0.000
01:00:00	17.3	24.3	12.6	75.0	11.0	17.6	47.5	7.8	0.000	0.000	0.010	0.000
01:15:00	18.4	24.4	12.3	66.7	12.0	17.8	44.8	7.4	0.000	0.000	0.011	0.000
01:30:00	18.9	25.1	12.4	31.6	12.4	18.7	20.1	7.6	0.000	0.000	0.014	0.000
01:45:00	19.5	25.3	12.2	26.7	13.3	19.0	17.2	7.7	0.000	0.000	0.013	0.000
02:00:00	23.8	22.0	12.7	22.5	16.9	16.4	14.1	8.2	0.000	0.000	0.013	0.000
02:15:00	32.4	21.6	12.7	18.6	22.9	16.0	11.8	8.5	0.000	0.000	0.013	0.000
02:30:00	24.3	22.8	13.0	13.8	16.6	17.3	8.5	8.9	0.000	0.000	0.010	0.000
02:45:00	18.4	26.4	13.0	12.7	12.3	20.5	7.9	8.9	0.000	0.000	0.005	0.000
03:00:00	16.2	27.8	12.4	12.4	10.7	22.0	8.0	8.6	0.000	0.000	0.007	0.000
03:15:00	15.4	32.2	14.1	12.1	10.0	26.1	7.8	9.7	0.000	0.000	0.004	0.000
03:30:00	16.1	32.3	14.4	12.0	10.8	26.3	7.7	10.2	0.000	0.000	0.004	0.000
03:45:00	16.9	32.5	13.6	12.6	11.4	26.3	8.2	10.1	0.000	0.000	0.002	0.000
04:00:00	19.2	31.5	15.9	12.9	13.6	25.6	8.7	11.8	0.000	0.000	0.002	0.000
04:15:00	19.2	30.9	16.0	26.7	13.7	25.2	18.6	11.7	0.000	0.000	0.000	0.000
04:30:00	19.3	30.1	15.8	16.2	14.1	24.4	11.3	11.9	0.000	0.000	0.002	0.000
04:45:00	19.7	29.5	17.1	15.7	14.5	24.0	11.2	13.1	0.000	0.000	0.002	0.000
05:00:00	19.4	28.4	17.1	18.1	14.2	22.8	13.2	13.1	0.000	0.000	0.002	0.000
05:15:00	20.7	25.4	18.9	17.4	15.5	20.7	12.4	14.6	0.000	0.000	0.001	0.000
05:30:00	21.8	25.8	18.2	19.2	16.5	21.0	14.5	14.3	0.000	0.000	0.002	0.000
05:45:00	22.1	26.7	19.9	18.4	17.0	21.4	14.1	15.8	0.000	0.000	0.000	0.000
06:00:00	22.7	104.2	19.5	19.4	17.6	88.5	13.4	15.5	0.000	0.000	0.000	0.000
06:15:00	21.8	117.3	20.5	17.3	17.0	107.0	12.7	16.6	0.000	0.000	0.000	0.000
06:30:00	22.5	120.3	22.2	17.5	17.6	108.0	13.2	18.1	0.000	0.000	0.000	0.000
06:45:00	24.2	122.5	23.2	18.1	18.8	112.0	13.9	18.9	0.000	0.000	0.000	0.000
07:00:00	25.8	119.9	21.8	18.2	20.4	109.8	14.0	17.9	0.000	0.000	0.000	0.000
07:15:00	170.6	116.7	22.9	18.4	34.0	106.4	14.0	18.7	0.000	0.000	0.000	0.000
07:30:00	27.1	109.6	24.9	24.3	20.7	99.7	15.5	20.3	0.000	0.000	0.000	0.000
07:45:00	26.9	109.6	24.9	20.8	20.6	99.0	15.8	20.3	0.000	0.000	0.000	0.000
08:00:00	49.2	116.0	26.3	21.8	23.2	105.1	16.2	20.6	0.000	0.000	0.000	0.000
08:15:00	38.0	126.0	25.6	31.4	22.5	114.6	20.1	20.3	0.000	0.000	0.000	0.000
08:30:00	146.6	124.3	25.7	35.6	29.5	112.5	20.1	19.8	0.000	0.000	0.000	0.000
08:45:00	24.2	127.2	25.9	27.1	12.6	113.6	14.6	17.2	0.000	0.000	0.000	0.000
09:00:00	29.4	121.1	26.1	22.7	11.1	107.8	10.8	13.2	0.000	0.000	0.000	0.000
09:15:00	27.5	118.5	18.3	19.0	9.3	106.9	9.2	9.9	0.000	0.000	0.000	0.000
09:30:00	14.5	111.5	15.5	14.6	7.4	103.4	7.5	8.3	0.000	0.000	0.000	0.000
09:45:00	16.7	110.5	13.1	13.9	7.3	104.0	6.7	7.1	0.000	0.000	0.000	0.000
10:00:00	14.5	112.1	12.7	13.8	6.7	105.5	6.2	6.3	0.000	0.000	0.000	0.000
10:15:00	13.5	114.4	12.0	11.5	6.3	107.5	5.6	6.2	0.000	0.001	0.000	0.000
10:30:00	12.3	112.7	12.1	10.6	5.5	106.2	5.0	6.0	0.000	0.000	0.000	0.000
10:45:00	10.4	115.8	10.9	9.8	4.8	110.5	4.4	5.2	0.001	0.000	0.000	0.003
11:00:00	9.5	118.3	8.3	7.9	4.1	113.1	3.8	4.1	0.000	0.000	0.000	0.004
11:15:00	17.6	121.9	6.8	7.4	4.7	118.5	3.3	3.3	0.000	0.000	0.000	0.000
11:30:00	8.7		7.6	7.1	3.8		3.3	3.6	0.000	0.000	0.000	0.000
11:45:00	7.7	116.0	7.4	6.2	3.7	110.2	3.1	3.8	0.000	0.000	0.000	0.000



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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	7.0	110.5	8.0	10.3	3.5	104.6	4.4	4.4	0.000	0.000	0.000	0.000
12:15:00	8.4	113.4	8.0	7.9	4.3	107.5	4.3	4.4	0.000	0.000	0.000	0.000
12:30:00	9.1	114.2	8.3	8.4	4.9	108.2	4.7	4.9	0.000	0.000	0.000	0.000
12:45:00	9.4	113.6	8.4	8.6	5.1	107.3	4.9	4.9	0.000	0.000	0.000	0.000
13:00:00	12.9	114.1	7.8	9.7	5.4	108.6	5.1	4.8	0.000	0.000	0.000	0.000
13:15:00	51.6	114.5	8.4	8.2	9.4	109.1	5.0	4.7	0.000	0.000	0.000	0.000
13:30:00	38.8	117.0	7.5	7.9	8.5	111.7	4.6	4.4	0.000	0.000	0.000	0.000
13:45:00	10.1	117.6	7.0	7.1	4.6	111.6	4.4	4.2	0.000	0.000	0.000	0.000
14:00:00	7.8	116.8	6.9	7.6	4.4	112.0	4.5	4.2	0.000	0.000	0.000	0.000
14:15:00	7.8	115.0	7.2	7.1	4.3	111.4	4.5	4.4	0.000	0.000	0.000	0.000
14:30:00	7.9	112.2	8.4	7.5	4.7	108.5	4.8	4.8	0.000	0.000	0.000	0.000
14:45:00	7.9	111.5	7.8	7.6	4.7	107.4	4.9	4.6	0.000	0.000	0.000	0.000
15:00:00	8.1	113.9	7.9	7.7	4.9	110.4	5.0	4.9	0.000	0.000	0.000	0.000
15:15:00	8.0	115.4	9.1	7.6	4.9	111.5	5.0	5.2	0.000	0.000	0.000	0.000
15:30:00	55.2	115.0	9.9	7.8	9.9	110.8	5.2	5.4	0.000	0.000	0.000	0.000
15:45:00	46.0	113.6	8.5	7.9	9.4	109.7	5.3	5.5	0.000	0.000	0.000	0.000
16:00:00	8.8	118.9	8.7	10.9	5.3	114.7	6.0	5.9	0.000	0.000	0.000	0.000
16:15:00	9.3	115.4	10.0	9.5	6.1	111.1	6.9	7.2	0.000	0.000	0.000	0.000
16:30:00	9.6	120.3	9.5	9.3	6.4	113.3	6.6	6.6	0.000	0.000	0.000	0.000
16:45:00	13.9	119.6	10.0	9.2	6.9	111.0	6.4	6.6	0.000	0.000	0.000	0.000
17:00:00	21.6	124.9	10.0	9.4	8.2	116.6	6.5	6.7	0.000	0.000	0.000	0.000
17:15:00	9.7	123.5	20.1	9.0	6.5	114.4	6.3	7.7	0.000	0.000	0.000	0.000
17:30:00	25.1	119.8	41.3	10.9	8.0	110.7	6.6	10.9	0.000	0.000	0.000	0.000
17:45:00	148.1	122.5	18.6	15.8	22.0	112.3	7.5	7.9	0.000	0.000	0.000	0.000
18:00:00	276.5	128.1	11.2	17.8	41.8	116.9	7.9	6.9	0.000	0.000	0.000	0.000
18:15:00	56.2	130.2	13.4	13.5	12.3	117.2	7.5	8.0	0.000	0.000	0.000	0.000
18:30:00	171.3	127.5	14.2	13.3	24.6	114.6	7.5	8.0	0.000	0.002	0.000	0.000
18:45:00	155.4	126.5	13.4	13.6	24.3	113.5	7.7	8.2	0.000	0.011	0.000	0.000
19:00:00	227.1	130.9	14.4	14.7	34.4	116.6	8.1	8.6	0.000	0.020	0.000	0.000
19:15:00	190.0	126.7	14.0	14.0	27.3	113.1	7.8	8.2	0.000	0.024	0.000	0.004
19:30:00	27.5	132.2	13.2	13.2	9.4	116.8	7.4	7.8	0.001	0.029	0.000	0.012
19:45:00	83.5	128.7	11.7	11.6	14.9	114.1	6.1	6.4	0.014	0.038	0.011	0.021
20:00:00	186.5	123.7	11.5	11.4	24.9	109.7	5.8	6.1	0.035	0.040	0.035	0.027
20:15:00	209.7	125.6	11.5	12.2	28.2	111.1	6.3	6.4	0.041	0.045	0.046	0.028
20:30:00	338.3	129.1	12.3	12.6	47.5	115.0	7.0	7.1	0.045	0.039	0.056	0.025
20:45:00	35.1	127.6	13.2	13.0	11.1	113.0	7.4	7.5	0.046	0.042	0.062	0.025
21:00:00	80.0	136.9	12.4	13.0	15.7	121.2	7.5	7.6	0.044	0.036	0.067	0.021
21:15:00	88.6	133.6	12.4	13.0	16.9	118.2	7.6	7.7	0.043	0.031	0.068	0.015
21:30:00	512.3	127.9	11.9	12.6	68.6	113.1	7.3	7.6	0.042	0.026	0.068	0.010
21:45:00	157.3	128.7	12.2	12.2	26.2	113.9	7.3	7.7	0.034	0.022	0.068	0.005
22:00:00	446.5	132.5	11.6	11.7	65.1	116.9	7.2	7.4	0.018	0.014	0.067	0.001
22:15:00	111.4	132.0	11.8	11.9	19.6	115.8	7.1	7.6	0.014	0.012	0.068	0.000
22:30:00	51.5	142.7	11.9	12.0	11.9	118.6	7.3	7.5	0.006	0.010	0.066	0.000
22:45:00	92.7	139.8	11.8	12.4	16.2	115.6	7.5	7.5	0.001	0.005	0.063	0.000
23:00:00	22.0	141.7	12.5	12.1	15.2	114.4	7.2	7.9	0.000	0.000	0.060	0.000
23:15:00	15.3	148.0	12.4	12.9	8.9	119.4	7.5	8.0	0.000	0.000	0.059	0.000
23:30:00	16.6	146.3	12.7	14.5	9.6	120.5	8.3	8.0	0.000	0.000	0.055	0.000
23:45:00	17.2	145.3	13.8	15.1	10.0	119.2	8.3	8.4	0.000	0.000	0.049	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)
01:00:00							47.5					
01:15:00							44.8					
06:00:00						88.5						
06:15:00						107.0						
06:30:00						108.0						
06:45:00						112.0						
07:00:00						109.8						
07:15:00	170.6					106.4						
07:30:00						99.7						
07:45:00						99.0						
08:00:00						105.1						
08:15:00						114.6						
08:30:00						112.5						
08:45:00						113.6						
09:00:00						107.8						
09:15:00						106.9						
09:30:00						103.4						
09:45:00						104.0						
10:00:00						105.5						
10:15:00						107.5						
10:30:00						106.2						
10:45:00						110.5						
11:00:00						113.1						
11:15:00						118.5						
11:45:00						110.2						
12:00:00						104.6						
12:15:00						107.5						
12:30:00						108.2						
12:45:00						107.3						
13:00:00						108.6						
13:15:00						109.1						
13:30:00						111.7						
13:45:00						111.6						
14:00:00						112.0						
14:15:00						111.4						
14:30:00						108.5						
14:45:00						107.4						
15:00:00						110.4						
15:15:00						111.5						
15:30:00						110.8						
15:45:00						109.7						
16:00:00						114.7						