



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-01-18

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.067 to 7.449	2943 NE	3277 NW	2996 SW	2997 NNW	Min : 31.82 Max : 57.02	Min : 66.90 Max : 90.40	Min : 29.92 Max : 30.26

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	8.1	20.8	4.8	14.8	0.002	0.009
2996	7.8	19.6	4.8	14.1	0.004	0.028
2997	8.7	20.4	5.6	14.8	0.002	0.013
3277	13.6	55.8	10.5	49.6	0.002	0.014

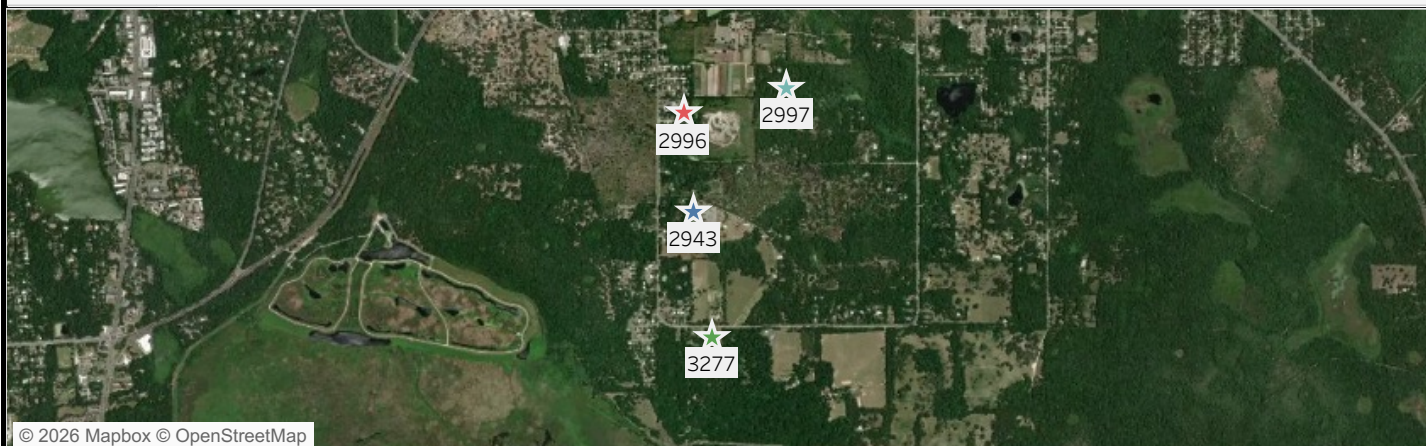
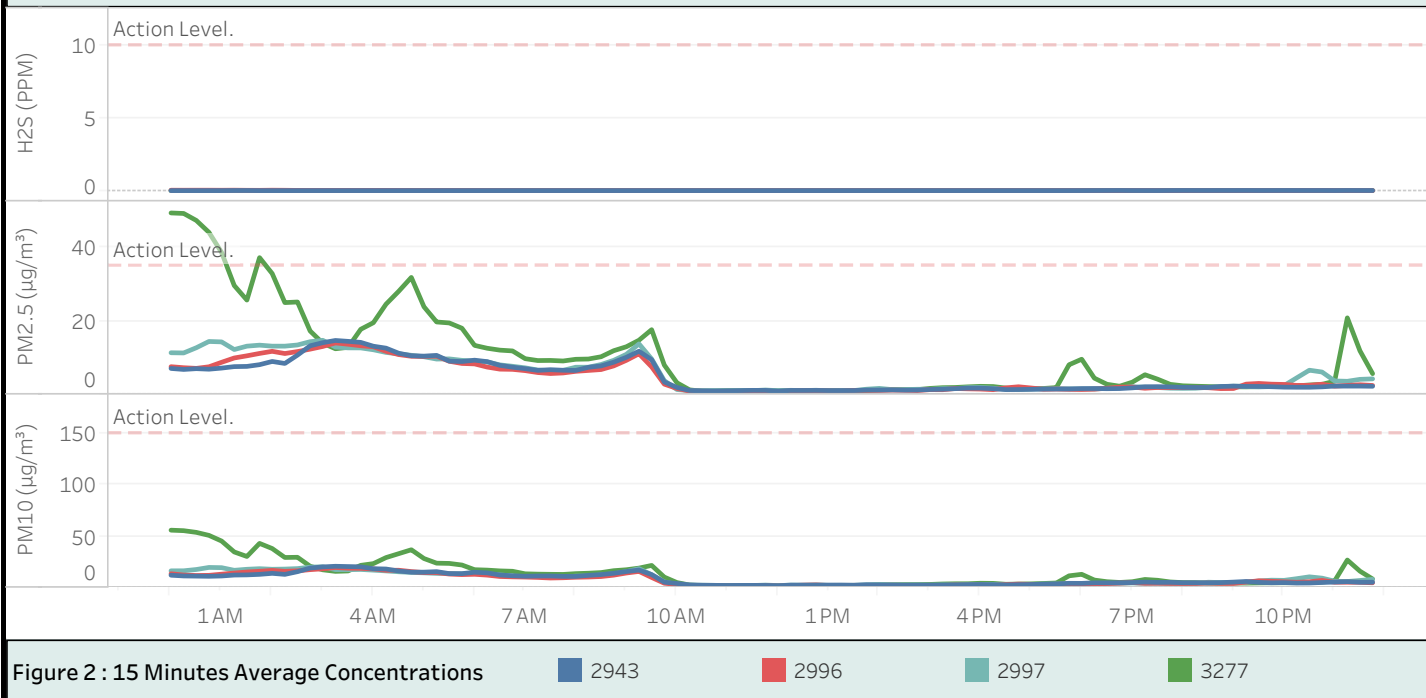


Figure 1 : Monitoring Locations





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Date : 2026-01-18

Wind Rose Chart 2943

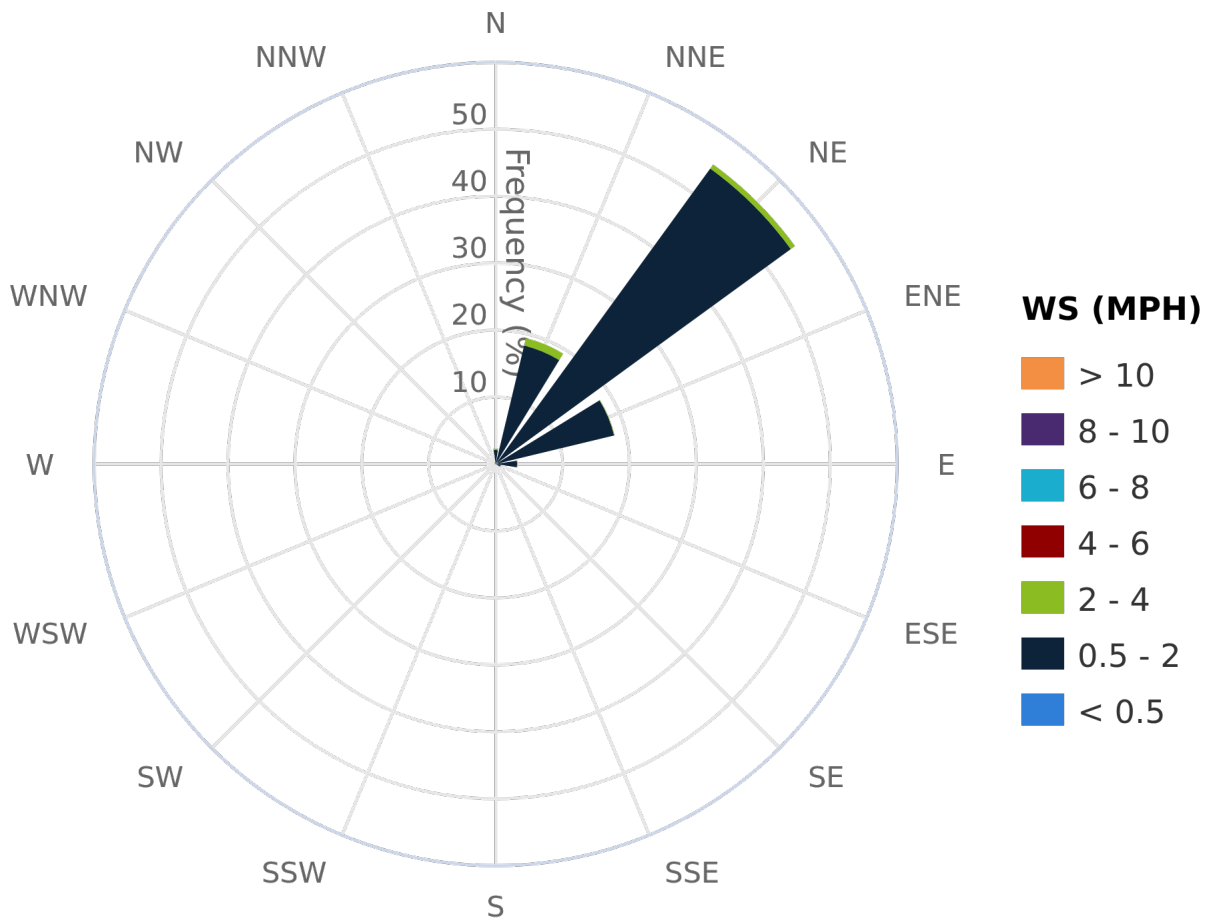


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

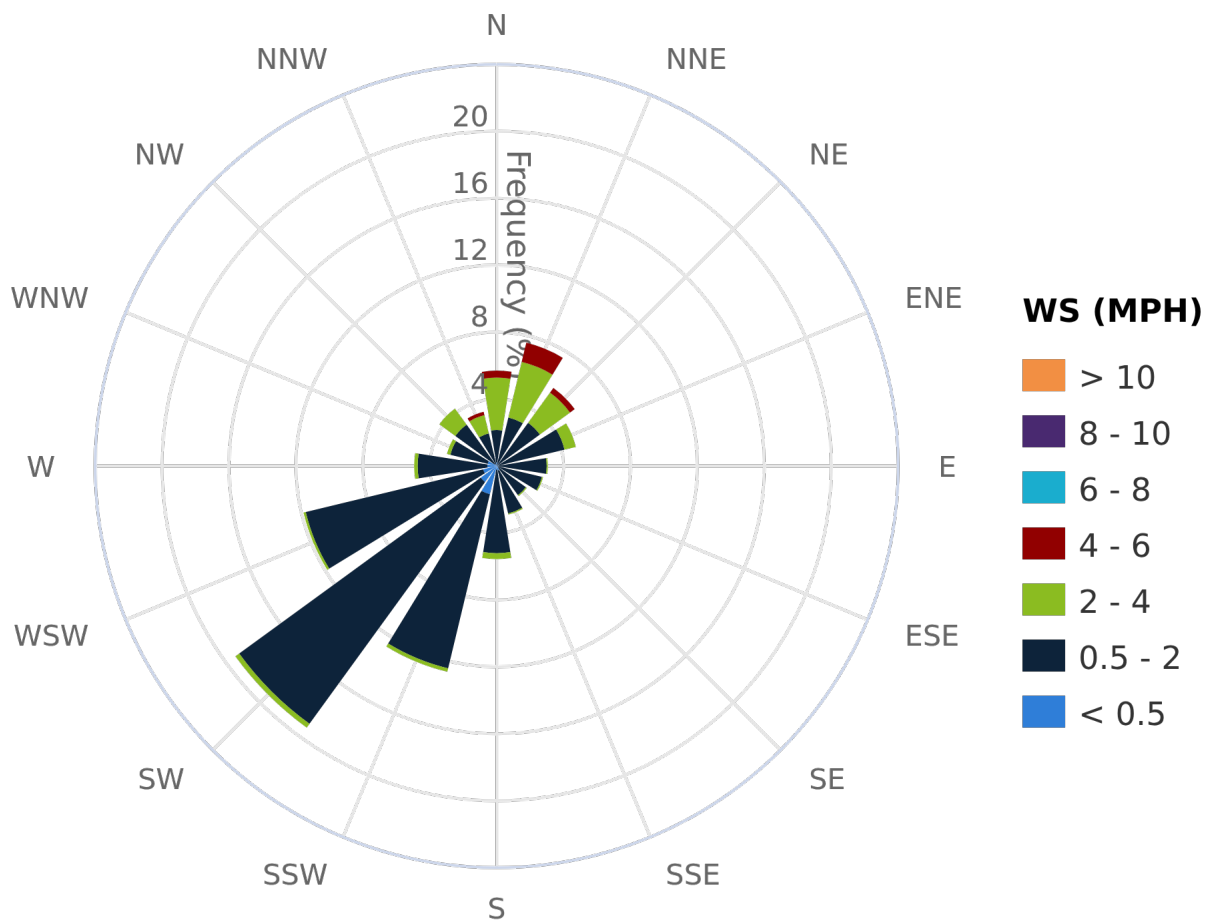


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

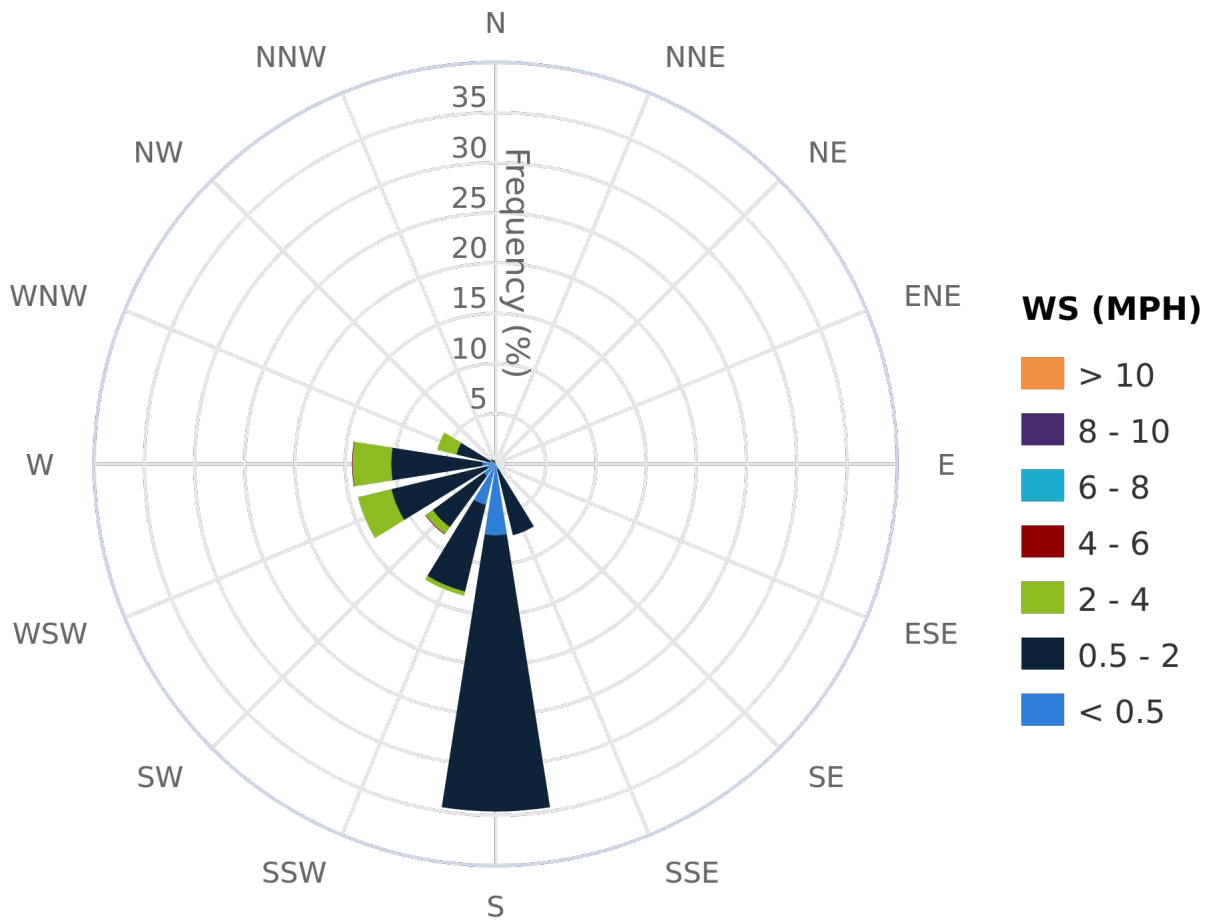


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

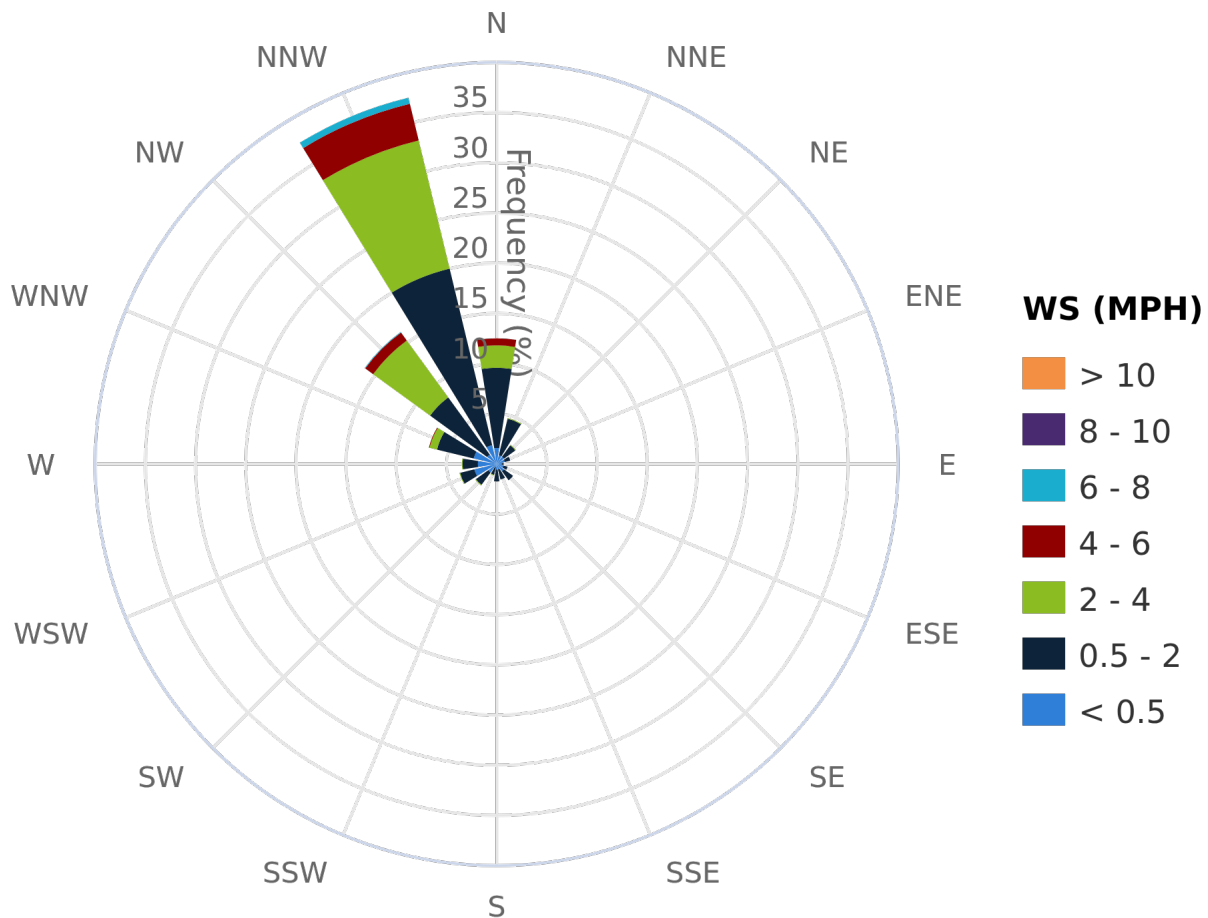


Figure 3 : Wind Rose Chart (WS in MPH)



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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	12.1	55.8	16.4	13.6	7.1	49.6	7.6	11.4	0.000	0.000	0.027	0.000
00:15:00	11.4	55.3	16.4	12.3	6.9	49.4	7.3	11.4	0.000	0.000	0.026	0.000
00:30:00	11.3	53.7	17.7	11.9	7.1	47.5	7.2	12.8	0.000	0.000	0.027	0.000
00:45:00	11.1	50.7	19.7	12.0	6.9	44.3	7.6	14.5	0.000	0.000	0.027	0.000
01:00:00	11.4	45.3	19.5	13.2	7.2	38.8	8.8	14.4	0.000	0.000	0.024	0.000
01:15:00	12.3	34.7	16.9	14.3	7.6	29.8	10.0	12.3	0.006	0.000	0.028	0.000
01:30:00	12.5	30.3	17.9	15.3	7.7	25.8	10.6	13.2	0.007	0.000	0.021	0.000
01:45:00	13.0	43.0	18.5	16.0	8.2	37.4	11.2	13.5	0.000	0.000	0.019	0.000
02:00:00	14.0	38.0	17.9	16.8	9.1	33.0	11.8	13.2	0.000	0.000	0.028	0.000
02:15:00	13.0	29.3	18.1	15.9	8.5	25.1	11.2	13.2	0.000	0.000	0.023	0.000
02:30:00	15.6	29.5	18.6	16.4	10.8	25.3	11.8	13.5	0.000	0.000	0.014	0.000
02:45:00	19.1	20.9	20.0	17.5	13.3	17.4	12.4	14.4	0.000	0.000	0.012	0.000
03:00:00	20.2	17.4	20.4	18.4	14.2	14.0	13.1	14.8	0.000	0.000	0.012	0.000
03:15:00	20.8	15.9	17.6	19.6	14.8	12.5	14.1	13.0	0.000	0.000	0.012	0.000
03:30:00	20.5	16.3	17.5	18.9	14.5	12.9	13.7	12.8	0.000	0.000	0.010	0.000
03:45:00	20.3	21.7	17.7	18.8	14.3	17.8	13.3	12.7	0.000	0.000	0.009	0.000
04:00:00	18.5	23.4	17.1	18.3	13.2	19.6	13.1	12.2	0.000	0.000	0.014	0.000
04:15:00	18.2	29.2	16.3	16.9	12.7	24.7	11.8	11.5	0.000	0.000	0.013	0.000
04:30:00	16.2	33.0	15.5	17.0	11.3	28.2	10.9	11.1	0.000	0.000	0.009	0.000
04:45:00	15.1	36.8	14.9	15.7	10.6	32.0	10.5	10.7	0.000	0.000	0.006	0.000
05:00:00	15.1	28.3	14.5	14.7	10.5	24.0	10.4	10.3	0.000	0.000	0.005	0.000
05:15:00	15.6	23.8	13.9	14.7	10.7	19.8	10.5	9.7	0.000	0.000	0.004	0.000
05:30:00	13.7	23.6	13.8	13.3	9.1	19.6	9.1	9.8	0.000	0.000	0.005	0.000
05:45:00	13.7	22.0	13.4	12.8	9.0	18.1	8.5	9.4	0.000	0.000	0.003	0.000
06:00:00	15.0	17.5	14.0	13.0	9.4	13.4	8.4	9.2	0.000	0.000	0.002	0.000
06:15:00	14.4	17.1	13.6	12.3	9.0	12.7	7.5	8.9	0.000	0.000	0.000	0.000
06:30:00	12.4	16.3	12.5	10.9	8.0	12.1	7.0	8.1	0.000	0.000	0.000	0.000
06:45:00	11.6	16.0	11.4	10.6	7.5	11.9	6.9	7.7	0.000	0.000	0.000	0.000
07:00:00	11.2	13.5	10.8	10.4	7.1	9.8	6.6	7.3	0.000	0.000	0.000	0.000
07:15:00	11.4	13.2	10.9	10.0	6.6	9.3	6.0	6.7	0.000	0.000	0.000	0.000
07:30:00	11.4	13.0	10.1	9.4	6.8	9.3	5.8	6.5	0.000	0.000	0.000	0.000
07:45:00	11.0	12.9	10.2	9.7	6.7	9.2	5.9	6.6	0.000	0.000	0.000	0.000
08:00:00	11.0	13.7	11.3	10.2	6.6	9.6	6.4	7.5	0.000	0.000	0.000	0.000
08:15:00	12.0	14.1	11.4	10.4	7.5	9.7	6.6	7.5	0.000	0.000	0.000	0.000
08:30:00	12.8	14.7	12.4	10.9	7.8	10.3	6.8	8.2	0.000	0.000	0.000	0.000
08:45:00	14.0	16.5	13.5	12.2	8.9	12.0	7.8	9.4	0.000	0.000	0.000	0.000
09:00:00	15.7	17.5	15.6	14.3	10.2	13.1	9.4	11.0	0.000	0.000	0.000	0.000
09:15:00	17.2	19.1	18.5	15.8	11.8	14.8	11.2	13.8	0.000	0.000	0.000	0.000
09:30:00	12.7	21.6	12.7	10.0	9.5	17.7	7.6	9.7	0.000	0.000	0.000	0.000
09:45:00	5.4	10.3	5.8	4.4	3.5	8.1	2.9	3.8	0.000	0.000	0.000	0.000
10:00:00	4.1	5.0	3.1	3.2	2.0	3.2	1.7	1.4	0.000	0.000	0.000	0.000
10:15:00	2.7	2.7	2.6	2.1	1.1	1.3	1.0	1.1	0.000	0.000	0.000	0.000
10:30:00	2.4	2.1	2.5	2.0	1.0	0.9	0.9	1.1	0.000	0.000	0.000	0.000
10:45:00	2.4	2.1	2.4	1.8	1.0	1.0	0.9	1.1	0.000	0.004	0.000	0.000
11:00:00	2.3	2.2	2.0	1.6	1.1	1.1	0.9	1.0	0.000	0.001	0.000	0.000
11:15:00	2.3	2.1	2.3	1.6	1.1	1.0	0.9	1.1	0.000	0.000	0.000	0.000
11:30:00	2.3	2.1	2.2	2.0	1.2	1.1	1.0	1.1	0.000	0.000	0.000	0.000
11:45:00	2.3	2.0	2.6	2.0	1.2	1.1	0.9	1.3	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	2.0	2.0	2.1	1.6	1.0	1.0	0.9	1.1	0.000	0.000	0.000	0.000
12:15:00	2.6	1.9	2.6	2.1	1.1	1.0	1.0	1.2	0.000	0.000	0.000	0.000
12:30:00	2.5	2.0	2.5	2.5	1.1	1.0	1.1	1.1	0.000	0.000	0.000	0.000
12:45:00	2.5	2.1	2.8	2.7	1.2	1.1	1.1	1.2	0.000	0.000	0.000	0.000
13:00:00	2.6	2.1	2.4	2.2	1.1	1.1	1.0	1.1	0.000	0.000	0.000	0.000
13:15:00	2.6	2.1	2.4	2.2	1.1	1.1	1.0	1.1	0.000	0.000	0.000	0.000
13:30:00	2.5	2.1	2.4	2.4	1.1	1.1	1.2	1.1	0.000	0.000	0.000	0.000
13:45:00	2.9	2.2	2.9	2.2	1.3	1.1	1.1	1.5	0.000	0.000	0.000	0.000
14:00:00	2.7	2.9	3.2	2.3	1.3	1.3	1.1	1.7	0.000	0.000	0.000	0.000
14:15:00	2.7	2.9	2.8	2.4	1.3	1.4	1.2	1.4	0.000	0.000	0.000	0.000
14:30:00	2.5	3.1	2.7	2.3	1.2	1.4	1.2	1.4	0.000	0.000	0.000	0.000
14:45:00	2.6	3.1	2.8	2.2	1.3	1.4	1.1	1.5	0.000	0.000	0.000	0.000
15:00:00	2.5	3.3	2.6	2.4	1.4	1.7	1.4	1.5	0.000	0.000	0.000	0.000
15:15:00	2.7	3.7	2.8	2.3	1.5	1.9	1.3	1.6	0.000	0.000	0.000	0.000
15:30:00	2.8	3.9	2.8	2.6	1.6	2.0	1.7	1.6	0.000	0.000	0.000	0.000
15:45:00	3.0	3.9	3.0	2.5	1.8	2.1	1.6	1.9	0.000	0.000	0.000	0.000
16:00:00	3.2	4.4	3.2	2.6	1.8	2.3	1.5	2.0	0.000	0.000	0.000	0.000
16:15:00	3.0	4.3	3.2	2.3	1.6	2.2	1.4	1.8	0.000	0.000	0.000	0.000
16:30:00	2.7	3.4	2.8	3.0	1.4	1.8	1.8	1.5	0.000	0.000	0.000	0.000
16:45:00	3.0	3.6	3.1	3.6	1.4	1.6	2.2	1.4	0.000	0.000	0.000	0.000
17:00:00	3.2	3.8	3.2	3.3	1.4	1.6	1.8	1.5	0.000	0.003	0.000	0.000
17:15:00	3.5	4.2	3.6	3.2	1.5	1.7	1.5	1.6	0.000	0.001	0.000	0.000
17:30:00	3.8	4.6	3.6	3.3	1.5	1.9	1.5	1.6	0.000	0.000	0.000	0.000
17:45:00	4.3	11.6	3.8	3.7	1.6	8.2	1.5	1.6	0.000	0.003	0.000	0.000
18:00:00	4.3	13.0	3.8	3.5	1.7	9.7	1.4	1.5	0.002	0.004	0.000	0.001
18:15:00	4.8	7.5	3.8	3.9	1.7	4.5	1.5	1.5	0.005	0.012	0.000	0.003
18:30:00	4.8	5.9	4.2	4.1	1.6	2.8	1.8	1.7	0.007	0.014	0.000	0.005
18:45:00	4.9	5.2	4.3	4.5	1.7	2.3	2.0	1.9	0.009	0.013	0.000	0.005
19:00:00	5.1	5.9	4.6	5.1	1.8	3.4	2.1	2.2	0.004	0.009	0.000	0.003
19:15:00	5.5	8.1	4.3	4.4	2.1	5.4	1.7	2.1	0.003	0.010	0.000	0.004
19:30:00	5.2	7.3	4.3	4.4	2.2	4.2	2.0	1.9	0.002	0.007	0.000	0.005
19:45:00	5.2	5.6	4.0	4.2	2.1	2.8	1.9	1.8	0.007	0.009	0.000	0.005
20:00:00	4.9	5.0	3.9	4.2	2.0	2.4	1.9	1.7	0.009	0.007	0.000	0.004
20:15:00	4.9	4.9	3.9	4.2	2.0	2.3	1.9	1.7	0.008	0.005	0.000	0.005
20:30:00	4.8	4.5	5.4	4.5	1.9	2.2	1.9	2.0	0.007	0.004	0.000	0.007
20:45:00	5.0	4.5	5.1	4.2	2.2	2.1	1.6	2.2	0.008	0.005	0.000	0.006
21:00:00	5.5	4.6	5.2	4.2	2.3	2.1	1.7	2.3	0.008	0.007	0.000	0.009
21:15:00	6.1	4.5	5.1	5.5	2.2	2.1	2.9	2.2	0.009	0.008	0.000	0.011
21:30:00	5.2	4.7	6.6	6.7	2.2	2.2	3.1	2.1	0.006	0.005	0.000	0.009
21:45:00	4.8	4.8	7.4	6.3	2.2	2.3	2.9	2.2	0.006	0.005	0.000	0.011
22:00:00	5.0	4.8	7.2	5.8	2.0	2.3	2.8	2.5	0.008	0.005	0.001	0.012
22:15:00	4.6	4.9	8.8	5.3	2.0	2.4	2.5	4.6	0.007	0.007	0.002	0.013
22:30:00	4.6	5.2	10.6	5.8	2.0	2.6	2.5	6.7	0.007	0.006	0.004	0.012
22:45:00	5.1	5.5	9.3	7.1	2.1	2.8	2.9	6.2	0.007	0.009	0.002	0.009
23:00:00	5.5	6.7	6.4	5.4	2.3	3.7	2.3	3.7	0.004	0.009	0.000	0.010
23:15:00	5.9	26.9	6.1	5.3	2.3	20.9	2.5	3.6	0.008	0.007	0.000	0.009
23:30:00	5.3	16.1	7.1	5.3	2.3	11.9	2.7	4.2	0.007	0.007	0.000	0.009
23:45:00	5.4	8.5	8.2	4.8	2.3	5.7	2.5	4.3	0.006	0.006	0.000	0.006



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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						49.6						
00:15:00						49.4						
00:30:00						47.5						
00:45:00						44.3						
01:00:00						38.8						
01:45:00						37.4						