



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-02-04

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.134 to 9.418	2943 ESE	3277 S	2996 SW	2997 SSW	Min : 30.74 Max : 82.40	Min : 30.80 Max : 85.40	Min : 30.01 Max : 30.68

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	15.3	227.7	5.7	35.0	0.005	0.044
2996	10.5	44.0	5.4	17.3	0.025	0.072
2997	16.9	232.5	6.3	42.4	0.002	0.026
3277	14.2	83.4	10.4	67.6	0.004	0.032

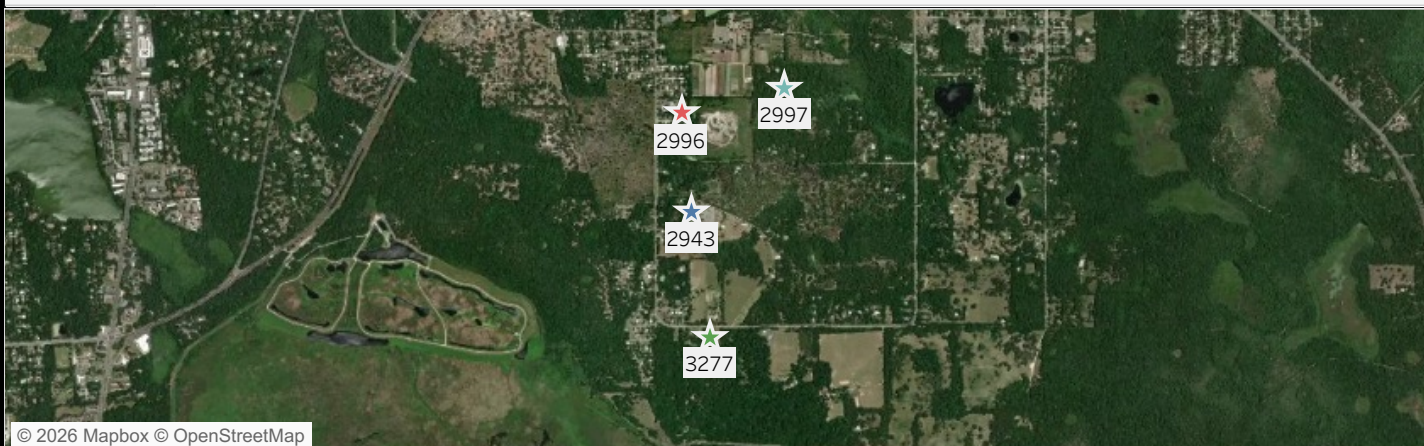
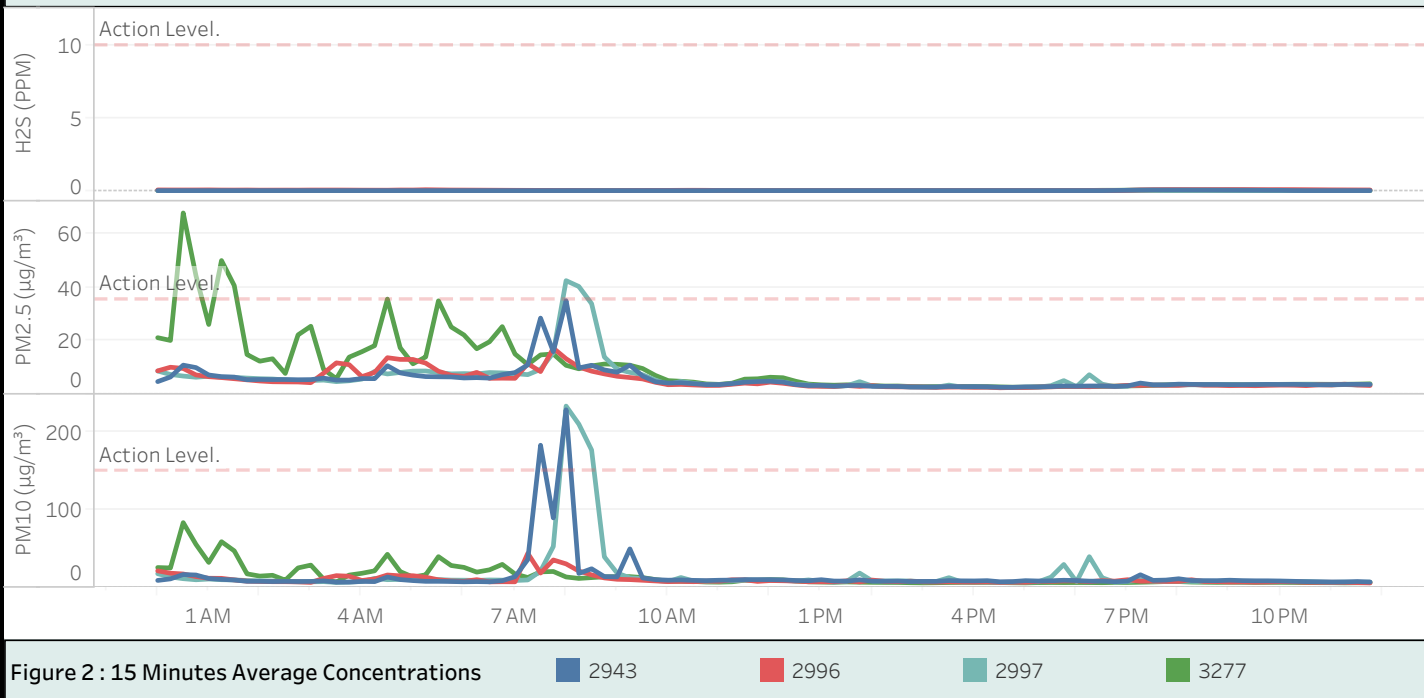


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

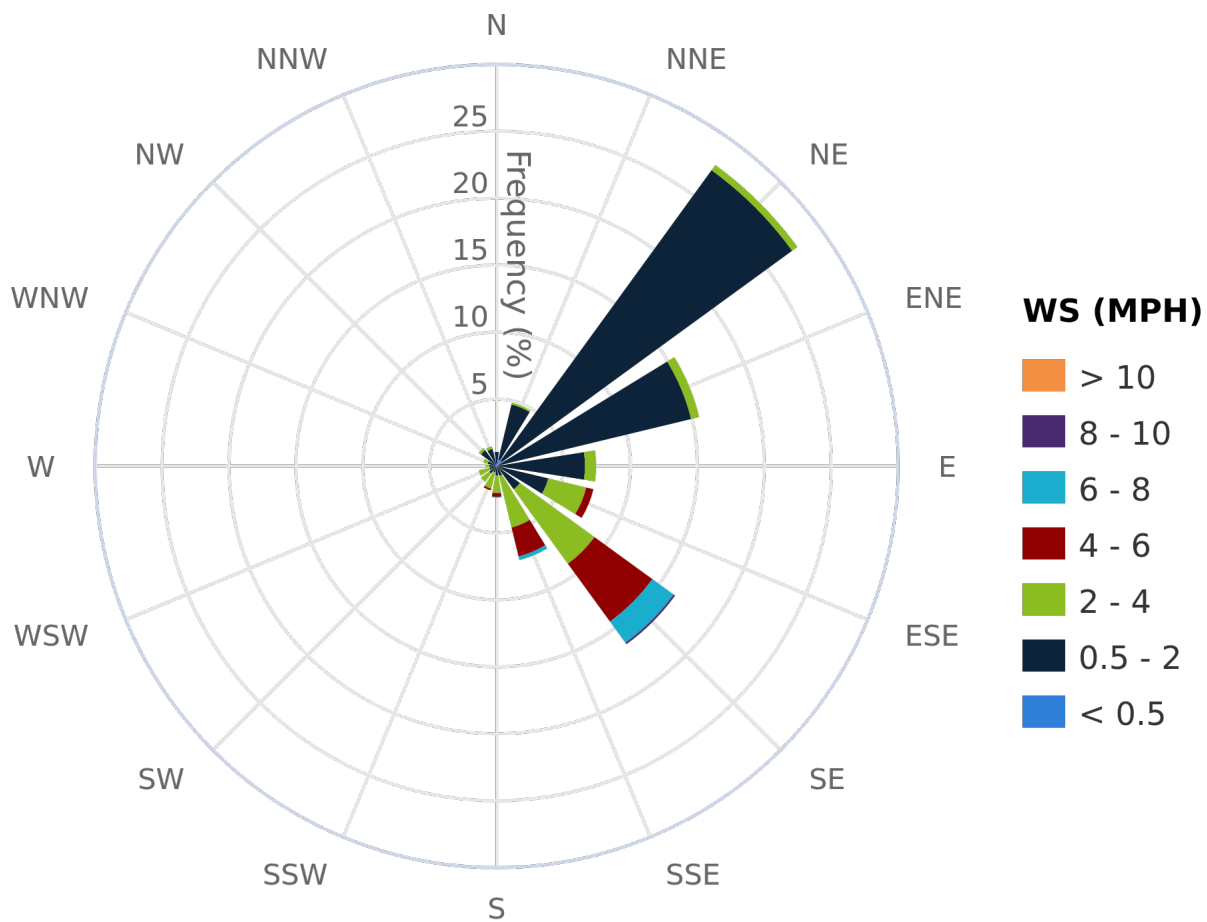


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

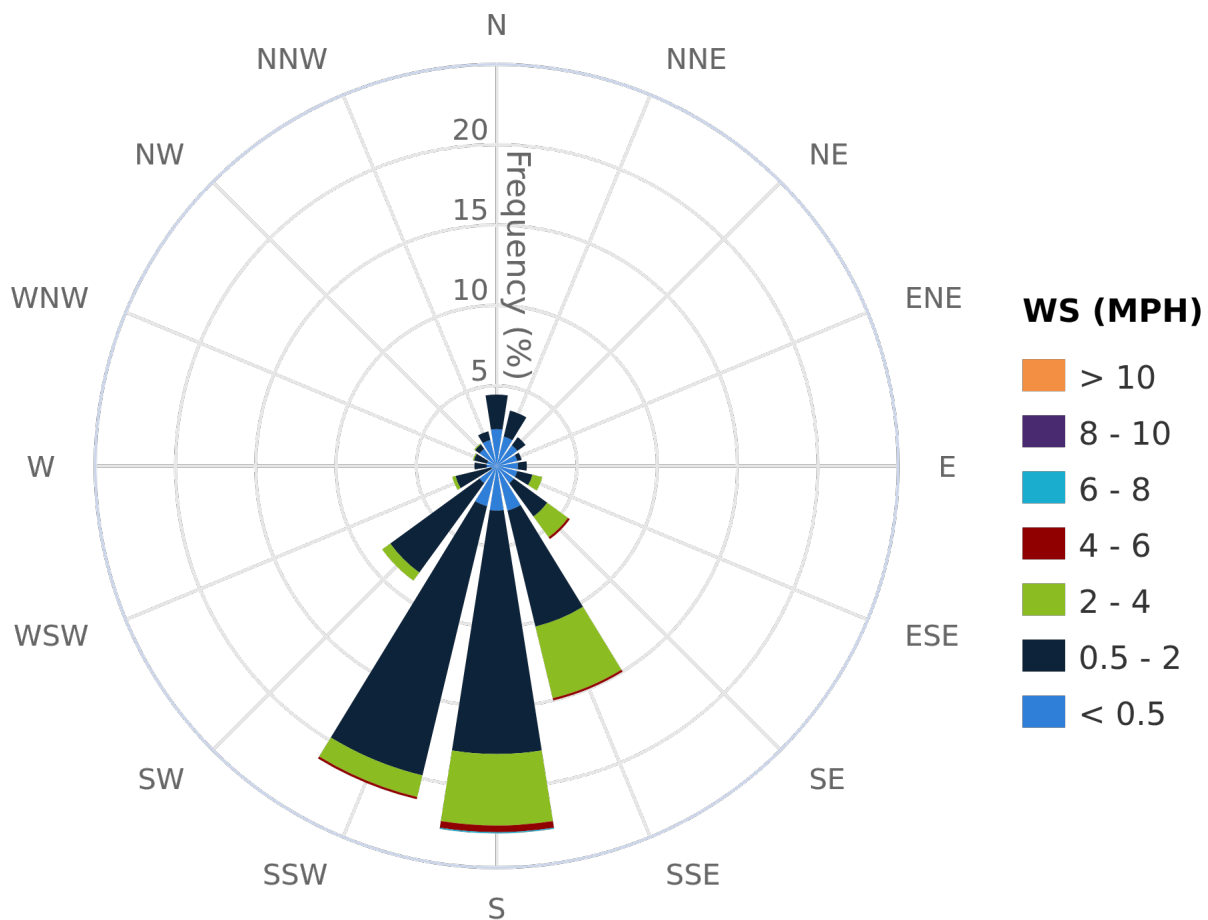


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2026-02-04

Wind Rose Chart 2996

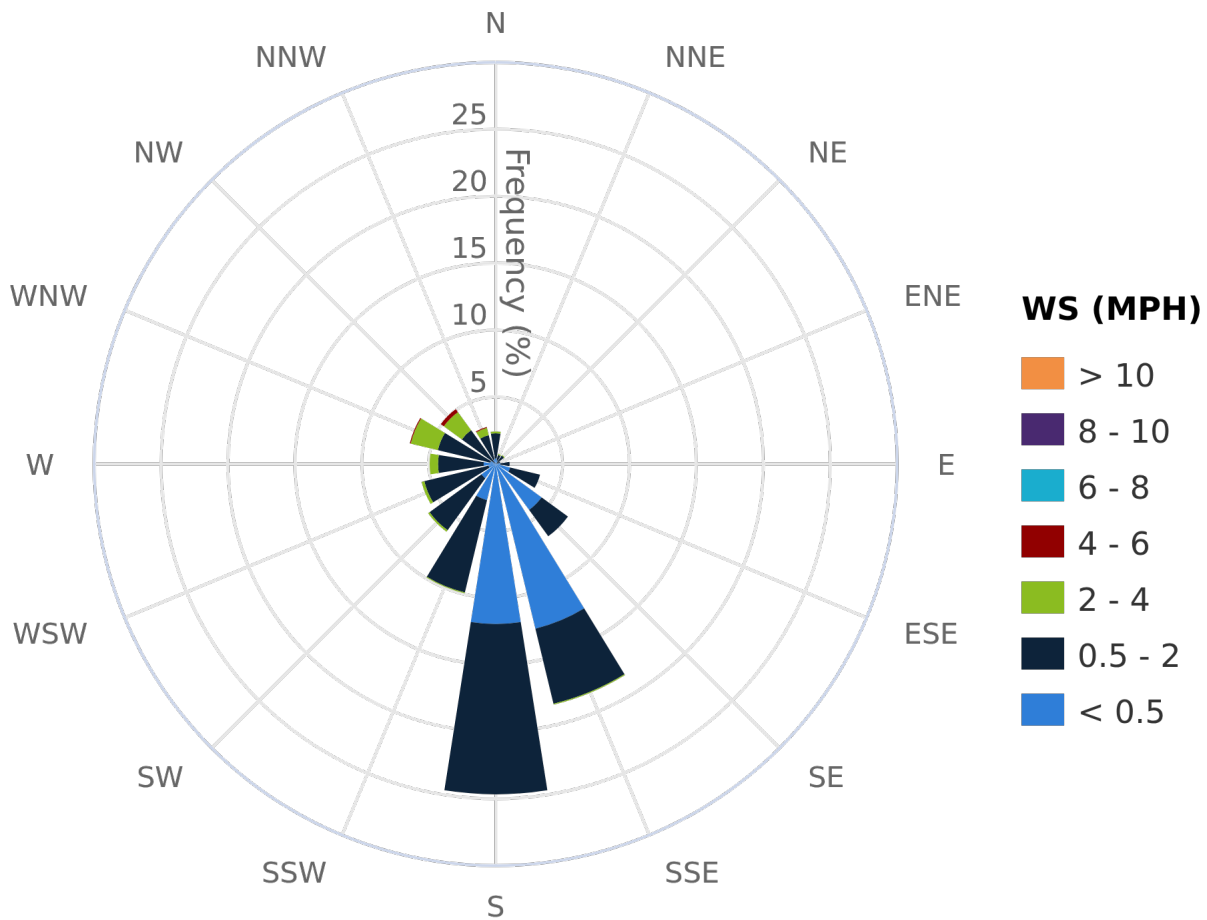


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

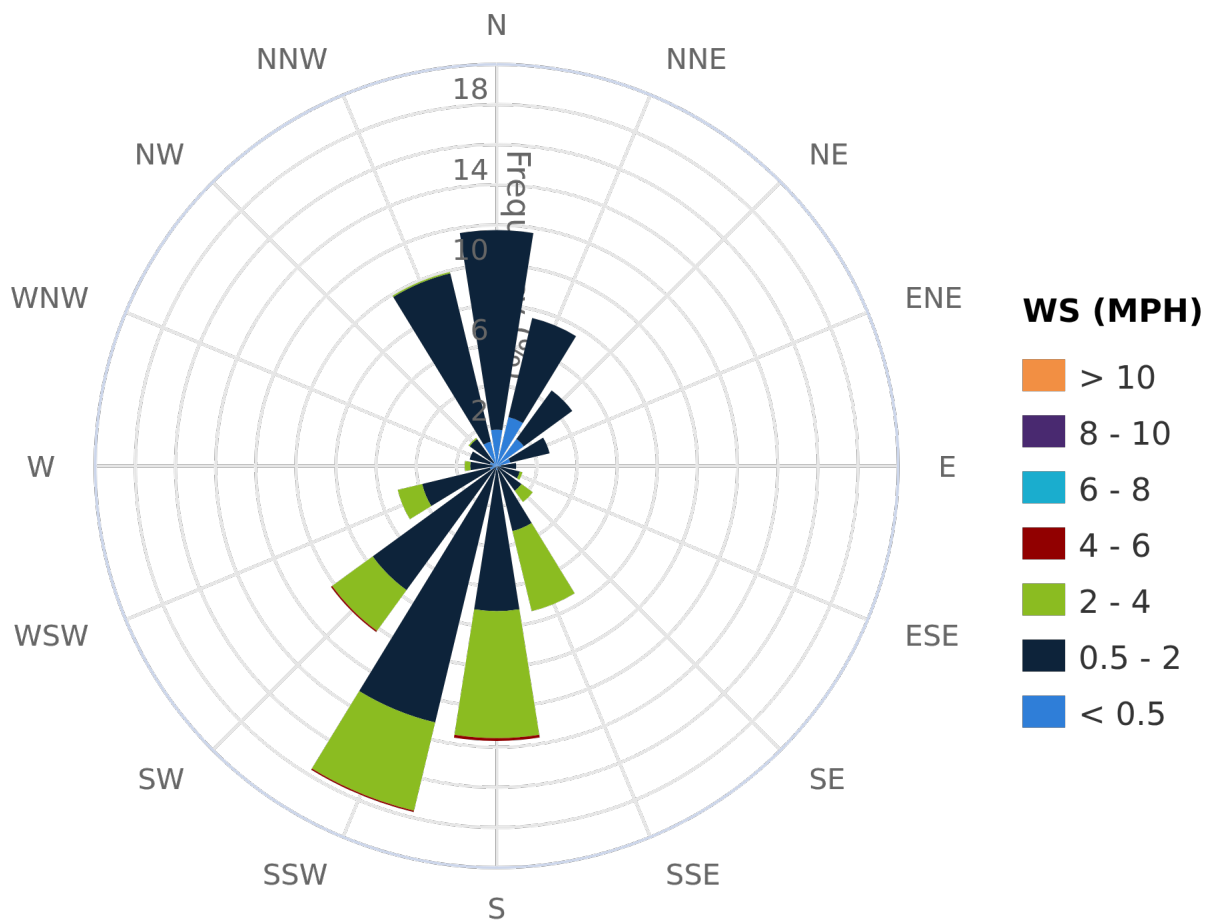


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.4	25.9	18.0	21.7	4.8	21.2	8.8	8.8	0.000	0.000	0.046	0.000
00:15:00	11.4	25.3	13.8	18.6	6.6	20.2	10.2	7.5	0.000	0.000	0.043	0.000
00:30:00	16.9	83.4	11.6	17.6	11.0	67.6	9.7	6.9	0.000	0.000	0.042	0.000
00:45:00	16.3	55.5	10.2	14.3	10.1	44.3	7.3	6.5	0.000	0.000	0.043	0.000
01:00:00	11.9	32.4	11.2	12.2	7.3	26.1	6.7	6.9	0.000	0.000	0.047	0.000
01:15:00	10.7	59.0	10.3	12.1	6.7	49.9	6.3	6.5	0.000	0.000	0.038	0.000
01:30:00	9.9	47.2	10.0	10.1	6.5	40.6	5.9	6.4	0.000	0.000	0.036	0.000
01:45:00	8.3	17.8	9.3	8.5	5.6	14.9	5.5	6.2	0.000	0.000	0.041	0.000
02:00:00	8.3	14.9	8.9	8.1	5.7	12.4	5.1	5.9	0.000	0.000	0.031	0.000
02:15:00	8.0	16.0	8.7	7.8	5.6	13.4	4.8	5.8	0.000	0.000	0.033	0.000
02:30:00	8.1	9.7	8.1	7.7	5.6	7.9	4.7	5.5	0.000	0.000	0.035	0.000
02:45:00	8.0	25.4	7.6	7.5	5.5	22.2	4.7	5.3	0.000	0.000	0.033	0.000
03:00:00	8.1	29.0	7.6	6.9	5.6	25.5	4.4	5.3	0.000	0.000	0.039	0.000
03:15:00	8.8	11.2	7.8	11.9	6.1	9.4	8.0	5.4	0.000	0.000	0.039	0.000
03:30:00	7.2	7.4	6.8	15.5	5.4	5.9	11.8	4.8	0.000	0.000	0.039	0.000
03:45:00	7.3	16.2	7.3	14.8	5.4	13.9	11.2	5.2	0.000	0.000	0.036	0.000
04:00:00	8.1	18.5	8.0	9.3	6.0	16.0	6.7	5.8	0.000	0.000	0.031	0.000
04:15:00	7.9	21.7	12.0	11.3	6.0	18.2	8.3	8.7	0.000	0.000	0.029	0.000
04:30:00	13.7	42.8	10.4	16.3	10.8	35.6	13.8	7.7	0.000	0.000	0.028	0.000
04:45:00	10.5	20.7	10.7	15.3	8.1	17.4	13.1	8.3	0.000	0.000	0.042	0.000
05:00:00	9.2	13.7	11.2	15.4	7.3	11.5	13.1	8.8	0.000	0.000	0.040	0.000
05:15:00	8.2	16.6	11.1	13.5	6.7	14.0	11.7	8.8	0.000	0.000	0.060	0.000
05:30:00	8.2	39.8	10.5	10.2	6.6	34.9	8.7	8.2	0.000	0.000	0.049	0.000
05:45:00	8.0	28.5	9.8	8.7	6.6	25.2	7.2	7.7	0.000	0.000	0.038	0.000
06:00:00	7.6	26.1	9.7	8.2	6.2	22.2	6.8	7.8	0.000	0.000	0.035	0.000
06:15:00	7.9	20.0	9.5	10.4	6.3	17.1	8.3	7.7	0.000	0.000	0.032	0.000
06:30:00	7.6	23.0	10.0	7.5	6.2	19.7	6.1	8.2	0.000	0.000	0.028	0.000
06:45:00	9.0	29.9	9.8	7.7	7.4	25.3	6.1	8.1	0.000	0.000	0.024	0.000
07:00:00	14.2	17.7	9.3	7.6	8.2	15.1	6.1	7.8	0.000	0.000	0.020	0.000
07:15:00	36.2	13.1	10.0	44.0	11.1	11.2	11.5	7.4	0.000	0.000	0.018	0.000
07:30:00	182.4	20.4	21.3	18.8	28.5	14.8	8.6	9.4	0.000	0.000	0.015	0.000
07:45:00	89.4	20.8	52.8	35.6	16.0	15.1	17.3	15.6	0.000	0.000	0.012	0.000
08:00:00	227.7	13.8	232.5	30.6	35.0	10.9	13.4	42.4	0.000	0.000	0.008	0.000
08:15:00	18.4	12.0	209.4	21.4	9.9	9.6	10.3	40.3	0.000	0.000	0.006	0.000
08:30:00	24.3	13.0	176.3	16.5	10.9	10.7	8.7	33.9	0.000	0.000	0.001	0.000
08:45:00	14.3	14.0	39.6	12.6	9.2	11.4	7.7	14.0	0.000	0.000	0.000	0.000
09:00:00	14.0	14.2	18.8	10.9	8.4	11.3	6.8	9.5	0.000	0.000	0.000	0.000
09:15:00	49.8	14.3	12.7	10.4	11.0	10.9	6.4	8.3	0.000	0.000	0.004	0.000
09:30:00	12.6	13.0	11.6	9.6	6.9	9.7	5.8	7.4	0.000	0.000	0.010	0.000
09:45:00	10.4	10.5	9.5	8.7	4.8	7.1	4.6	5.4	0.000	0.000	0.011	0.000
10:00:00	9.7	8.6	7.8	7.8	4.3	5.2	3.7	3.8	0.000	0.000	0.016	0.000
10:15:00	10.0	8.4	13.1	8.1	4.4	5.0	3.8	4.9	0.000	0.001	0.020	0.000
10:30:00	9.5	8.1	8.6	7.8	4.1	4.6	3.6	4.2	0.000	0.001	0.023	0.000
10:45:00	9.2	7.4	8.2	8.5	3.7	4.0	3.4	3.7	0.000	0.000	0.020	0.000
11:00:00	9.6	7.2	8.7	8.4	3.7	3.8	3.4	3.7	0.004	0.000	0.011	0.000
11:15:00	9.8	7.6	8.8	10.2	4.1	4.3	3.9	4.1	0.003	0.000	0.001	0.000
11:30:00	10.5	9.7	9.6	10.1	4.6	5.8	4.3	4.6	0.000	0.000	0.000	0.000
11:45:00	10.5	9.7	9.5	8.2	4.9	5.9	4.0	4.7	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	10.4	10.3	9.7	9.2	5.0	6.5	4.7	5.0	0.000	0.000	0.000	0.000
12:15:00	10.1	10.1	9.5	9.0	4.7	6.3	4.2	4.7	0.000	0.000	0.000	0.000
12:30:00	9.3	8.7	8.4	8.6	3.8	5.0	3.6	3.8	0.000	0.000	0.000	0.000
12:45:00	9.0	7.6	10.0	7.7	3.4	3.9	3.2	3.6	0.000	0.000	0.000	0.000
13:00:00	10.3	7.3	8.1	7.7	3.4	3.6	3.1	3.2	0.000	0.000	0.000	0.000
13:15:00	8.6	7.0	7.2	7.7	3.2	3.5	3.1	3.0	0.000	0.000	0.000	0.000
13:30:00	8.5	7.5	8.4	8.9	3.4	3.7	3.4	3.3	0.000	0.000	0.000	0.000
13:45:00	10.2	7.1	18.8	7.5	3.4	3.6	3.1	4.8	0.000	0.000	0.000	0.000
14:00:00	8.4	6.9	8.7	9.8	3.1	3.4	3.3	3.2	0.000	0.000	0.000	0.000
14:15:00	8.4	6.8	8.7	8.2	3.1	3.2	2.9	3.1	0.000	0.000	0.000	0.000
14:30:00	8.6	6.8	8.8	7.7	3.0	3.2	2.9	3.1	0.000	0.000	0.000	0.000
14:45:00	8.0	6.5	8.7	8.4	2.8	3.0	2.9	2.9	0.000	0.000	0.000	0.000
15:00:00	8.1	6.3	7.6	7.6	2.8	3.0	2.8	2.9	0.000	0.000	0.000	0.000
15:15:00	8.2	6.4	8.0	7.3	2.8	3.0	2.7	2.8	0.000	0.000	0.000	0.000
15:30:00	9.2	6.7	12.9	7.6	3.0	3.1	2.8	3.6	0.000	0.000	0.000	0.000
15:45:00	8.9	6.9	7.3	7.4	3.0	3.1	2.8	2.8	0.000	0.000	0.000	0.000
16:00:00	8.8	6.8	7.7	7.3	3.0	3.0	2.7	2.8	0.000	0.000	0.000	0.000
16:15:00	9.1	6.8	7.3	7.5	2.9	3.0	2.8	2.8	0.000	0.000	0.000	0.000
16:30:00	7.7	6.6	6.8	6.9	2.7	2.9	2.6	2.6	0.000	0.000	0.000	0.000
16:45:00	7.9	6.4	7.1	7.1	2.7	2.8	2.7	2.7	0.000	0.000	0.000	0.000
17:00:00	9.1	6.3	7.3	7.1	2.9	2.8	2.6	2.7	0.000	0.000	0.000	0.000
17:15:00	8.6	6.6	7.6	8.3	2.9	2.9	2.8	2.8	0.000	0.000	0.000	0.000
17:30:00	8.9	6.7	13.6	8.1	3.0	3.0	2.9	3.4	0.000	0.001	0.000	0.000
17:45:00	9.6	6.6	29.8	8.8	3.2	3.0	3.1	5.2	0.000	0.002	0.000	0.000
18:00:00	9.2	6.7	7.7	8.8	3.1	3.1	3.0	3.0	0.000	0.008	0.000	0.000
18:15:00	8.5	6.6	39.8	7.8	3.2	3.1	2.9	7.4	0.000	0.013	0.000	0.001
18:30:00	8.4	6.5	12.9	9.2	3.2	3.1	3.2	3.9	0.000	0.021	0.000	0.008
18:45:00	7.8	6.8	7.1	8.5	3.1	3.2	3.1	3.0	0.009	0.022	0.001	0.015
19:00:00	8.5	6.8	8.1	10.3	3.3	3.2	3.5	3.2	0.022	0.030	0.020	0.018
19:15:00	16.6	7.1	9.6	8.4	4.3	3.3	3.4	3.8	0.036	0.031	0.047	0.024
19:30:00	9.5	7.5	8.3	8.5	3.7	3.5	3.5	3.6	0.044	0.031	0.059	0.026
19:45:00	9.9	7.9	7.9	8.1	3.7	3.7	3.5	3.5	0.042	0.028	0.067	0.022
20:00:00	11.5	7.9	8.3	8.2	3.9	3.7	3.4	3.6	0.042	0.028	0.069	0.021
20:15:00	9.3	7.3	8.1	10.3	3.8	3.7	3.8	3.7	0.040	0.030	0.067	0.021
20:30:00	9.2	7.1	7.9	8.0	3.8	3.7	3.5	3.6	0.037	0.032	0.067	0.019
20:45:00	9.1	6.9	8.0	7.9	3.8	3.7	3.5	3.6	0.035	0.030	0.069	0.018
21:00:00	9.7	7.0	8.0	7.3	3.7	3.7	3.3	3.6	0.032	0.026	0.072	0.013
21:15:00	9.2	7.0	7.6	7.5	3.7	3.7	3.4	3.5	0.030	0.026	0.072	0.007
21:30:00	8.9	6.8	7.9	7.1	3.8	3.7	3.3	3.7	0.027	0.020	0.069	0.006
21:45:00	8.9	6.9	8.1	7.4	3.8	3.8	3.5	3.7	0.022	0.017	0.066	0.006
22:00:00	8.7	6.9	8.2	7.8	3.8	3.8	3.5	3.8	0.019	0.017	0.068	0.002
22:15:00	8.3	6.8	7.6	7.6	3.8	3.9	3.5	3.7	0.005	0.006	0.068	0.000
22:30:00	7.8	6.6	8.0	6.9	3.7	3.9	3.3	3.8	0.000	0.000	0.063	0.000
22:45:00	7.7	6.5	7.4	6.9	3.7	3.9	3.6	3.7	0.000	0.000	0.057	0.000
23:00:00	7.4	6.5	7.0	7.0	3.7	3.8	3.6	3.6	0.000	0.000	0.051	0.000
23:15:00	7.5	6.3	7.2	6.9	3.8	3.9	3.9	3.7	0.000	0.000	0.049	0.000
23:30:00	8.0	6.4	6.8	6.6	3.8	3.9	3.6	3.6	0.000	0.000	0.046	0.000
23:45:00	7.4	6.6	7.2	6.2	3.8	4.0	3.4	3.7	0.000	0.000	0.044	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)
00:30:00						67.6						
00:45:00						44.3						
01:15:00						49.9						
01:30:00						40.6						
04:30:00						35.6						
07:30:00	182.4											
08:00:00	227.7			232.5				42.4				
08:15:00				209.4				40.3				
08:30:00				176.3								