



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-04

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.179 to 7.203	2943 SE	3061 SSW	2996 S	2997 NNW	Min : 73.94 Max : 100.2	Min : 53.60 Max : 87.10	Min : 29.85 Max : 30.10

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	14.8	35.2	7.7	23.3	0.005	0.043
2996	14.3	160.2	8.4	127.0	0.003	0.033
2997	16.1	37.7	7.2	19.7	0.001	0.019
3061	12.0	25.7	6.4	14.8	0.001	0.006



Figure 1 : Monitoring Locations

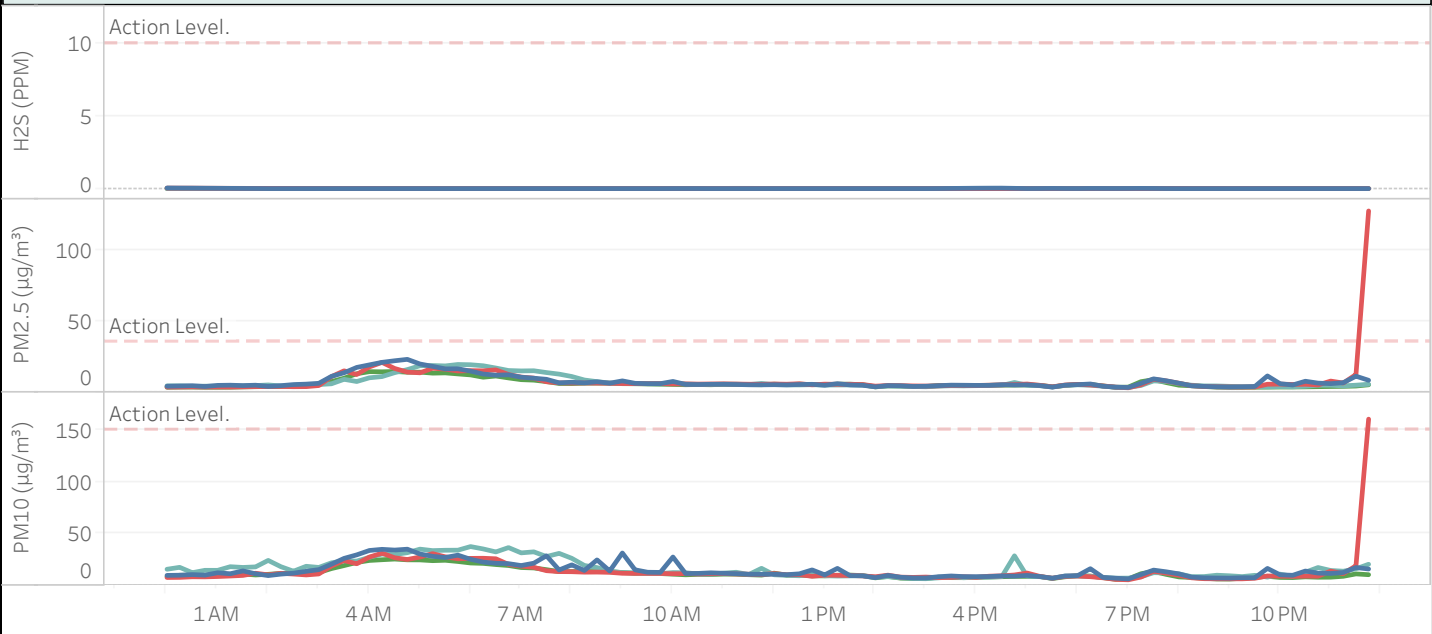


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2996 ■ 2997 ■ 3061



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Wind Rose Chart 2943

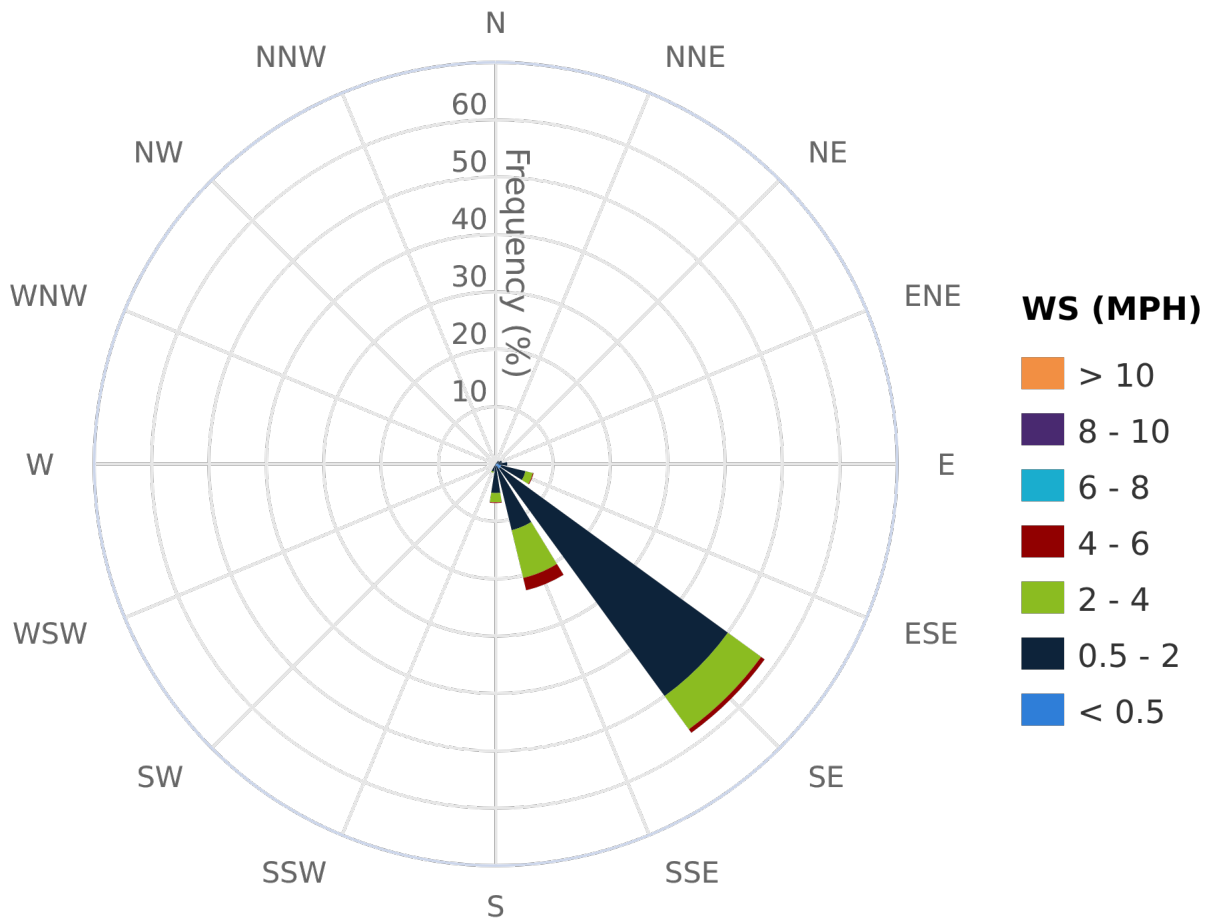


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

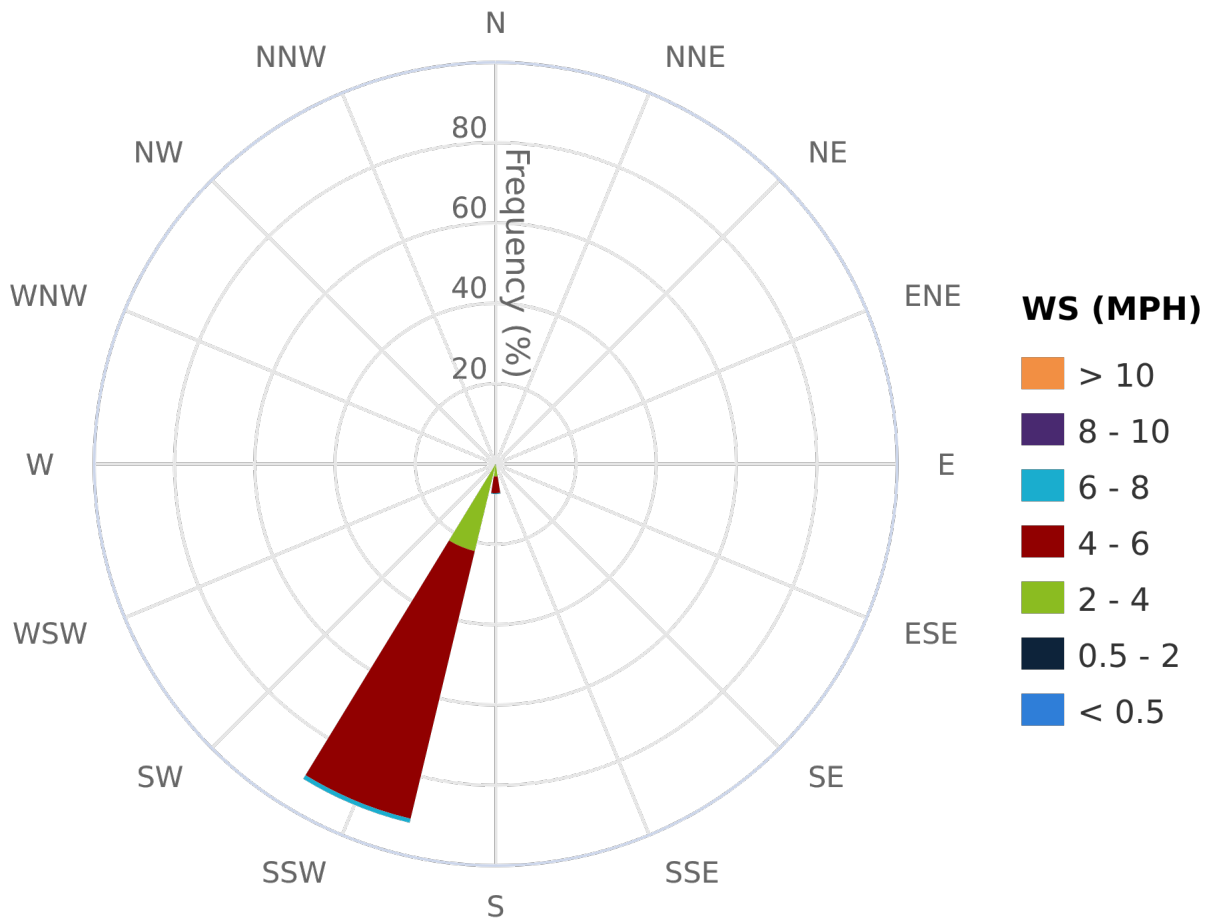


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

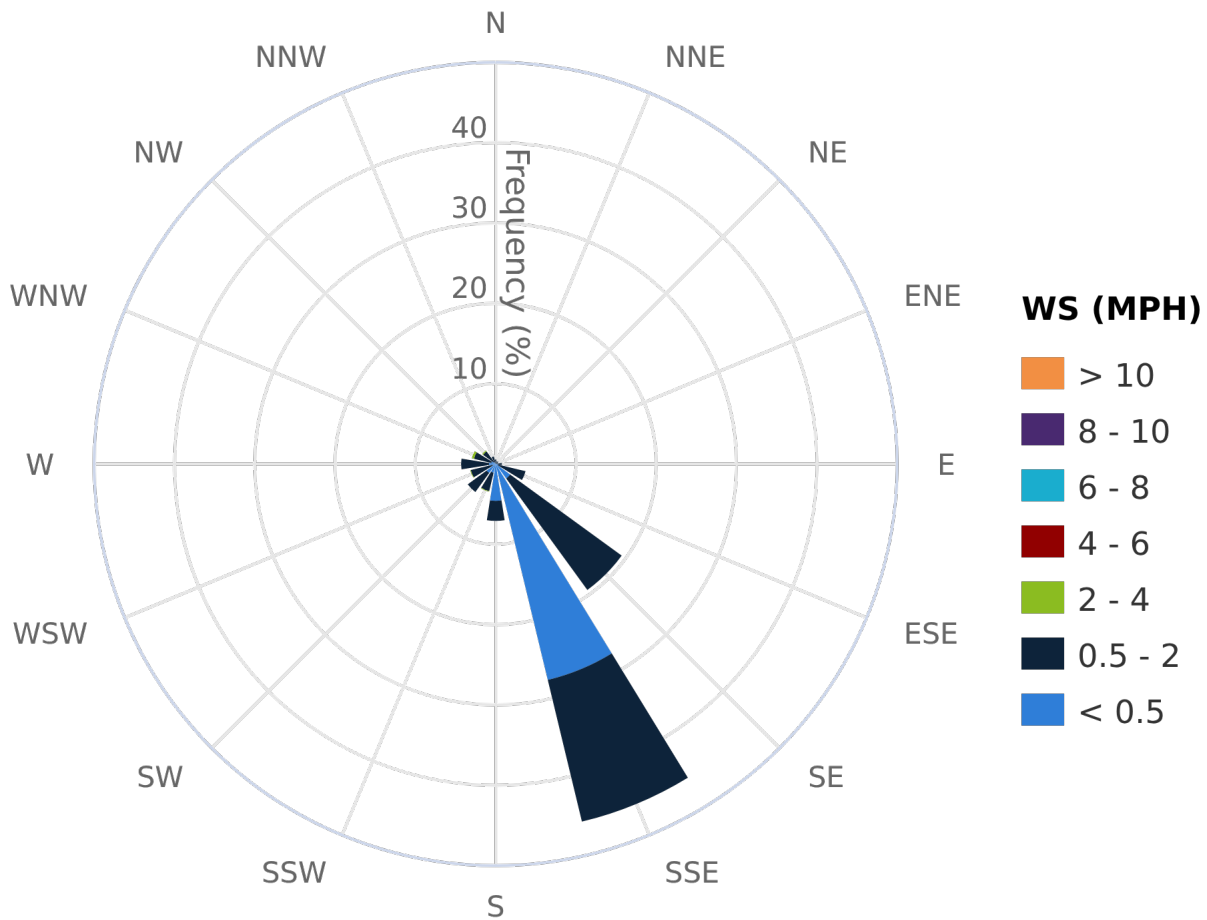


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

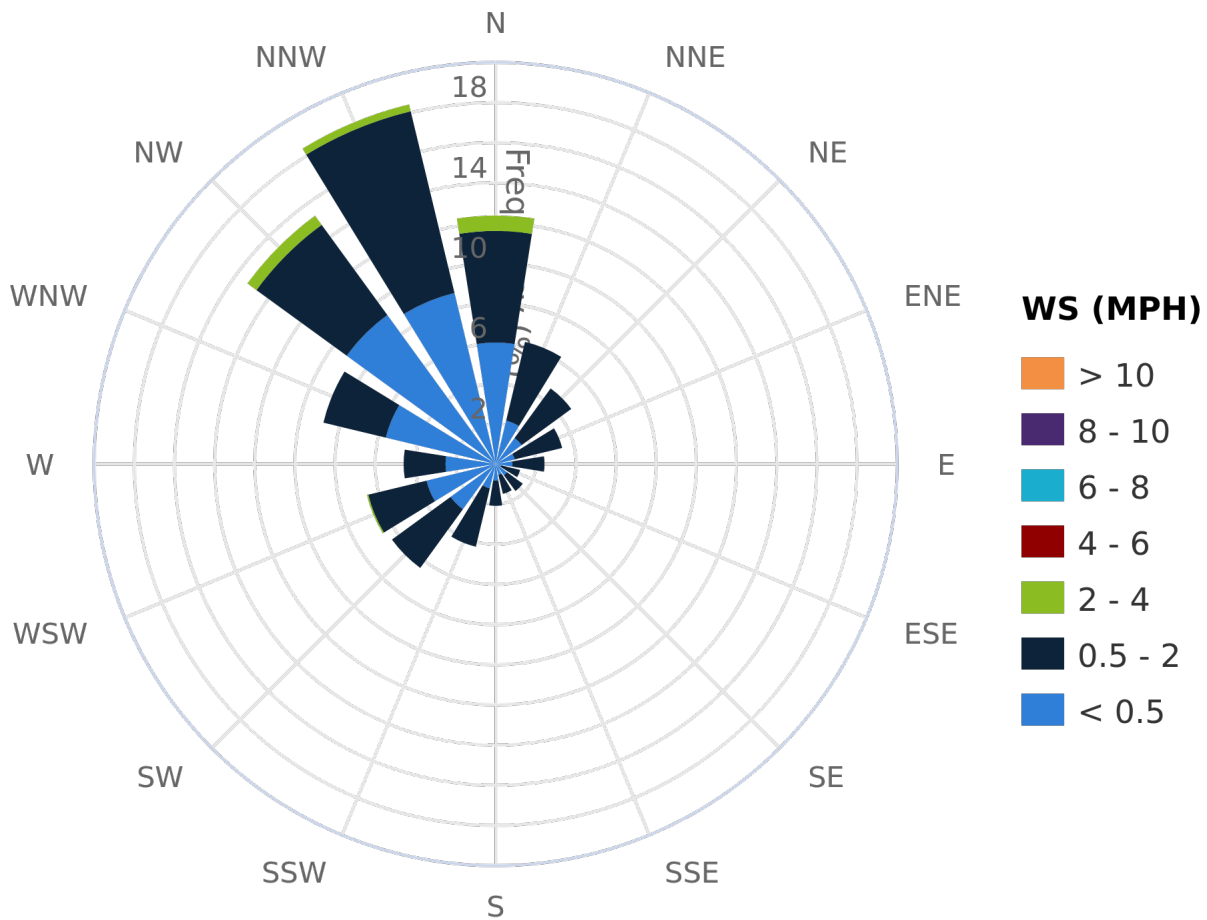


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	10.0	8.9	15.9	7.9	4.5	3.7	3.9	4.8	0.043	0.002	0.033	0.000
00:15:00	10.2	10.1	17.7	8.1	4.6	3.9	3.9	4.8	0.037	0.002	0.031	0.000
00:30:00	10.8	10.1	12.6	8.6	4.8	3.9	4.0	4.4	0.033	0.001	0.031	0.000
00:45:00	10.2	10.0	14.9	8.6	4.3	3.8	3.9	4.5	0.028	0.001	0.026	0.000
01:00:00	12.5	10.9	14.9	8.9	5.1	3.7	4.0	4.5	0.022	0.001	0.023	0.000
01:15:00	11.6	9.8	18.3	9.4	5.2	3.8	3.9	4.7	0.017	0.000	0.020	0.000
01:30:00	14.3	11.3	17.6	9.9	4.9	4.0	4.1	4.7	0.012	0.000	0.017	0.000
01:45:00	11.5	10.4	18.2	12.0	5.2	4.1	4.2	5.0	0.007	0.000	0.014	0.000
02:00:00	9.8	11.0	24.4	10.5	4.4	4.3	4.2	5.4	0.000	0.000	0.012	0.000
02:15:00	11.2	11.9	18.4	12.0	4.9	4.2	4.3	4.7	0.000	0.000	0.010	0.000
02:30:00	12.1	11.9	14.0	11.3	5.6	5.1	4.1	4.4	0.000	0.000	0.008	0.000
02:45:00	13.9	13.0	18.7	10.4	6.0	5.8	4.2	4.6	0.000	0.000	0.003	0.000
03:00:00	15.5	12.8	17.6	11.4	6.5	5.7	4.9	5.7	0.000	0.000	0.005	0.000
03:15:00	20.7	16.5	22.1	19.0	11.4	7.7	11.2	6.2	0.000	0.000	0.003	0.000
03:30:00	26.3	19.4	24.0	24.3	13.9	10.1	15.3	9.3	0.000	0.000	0.000	0.000
03:45:00	29.7	22.4	23.7	21.1	17.6	13.2	12.7	7.8	0.000	0.000	0.000	0.000
04:00:00	33.9	24.3	27.4	27.6	19.4	14.7	18.0	10.4	0.000	0.000	0.001	0.000
04:15:00	35.0	25.0	30.5	31.3	21.2	14.6	21.1	11.2	0.000	0.000	0.000	0.000
04:30:00	34.3	25.7	30.1	26.9	22.3	14.8	16.9	14.0	0.000	0.000	0.000	0.000
04:45:00	35.2	24.9	31.8	25.3	23.3	14.3	14.3	16.1	0.000	0.000	0.000	0.000
05:00:00	30.6	24.9	35.2	27.6	20.0	14.3	13.8	18.8	0.000	0.000	0.000	0.000
05:15:00	28.3	24.1	33.8	30.9	18.4	13.6	17.1	19.0	0.000	0.000	0.000	0.000
05:30:00	27.2	24.5	34.2	27.8	16.6	13.8	16.4	18.7	0.000	0.000	0.000	0.000
05:45:00	29.4	23.3	34.2	25.9	16.7	13.1	15.1	19.7	0.000	0.000	0.000	0.000
06:00:00	25.5	21.9	37.7	26.3	15.1	12.4	15.4	19.5	0.000	0.000	0.000	0.000
06:15:00	22.8	21.5	35.4	26.5	13.0	10.8	15.3	18.8	0.000	0.000	0.000	0.000
06:30:00	21.6	20.4	32.5	25.9	12.2	11.6	15.9	17.2	0.000	0.000	0.000	0.000
06:45:00	21.3	19.5	36.7	20.6	12.5	10.3	12.7	15.5	0.000	0.000	0.000	0.000
07:00:00	19.4	17.5	31.6	18.9	10.8	9.1	10.9	15.2	0.000	0.000	0.000	0.000
07:15:00	21.7	17.1	32.6	17.7	10.1	8.7	10.1	15.3	0.000	0.000	0.000	0.000
07:30:00	28.8	15.5	28.1	14.5	9.3	7.7	7.6	14.0	0.000	0.000	0.000	0.000
07:45:00	15.2	13.6	31.2	13.6	6.9	6.4	6.8	12.9	0.000	0.000	0.000	0.000
08:00:00	20.1	13.7	26.4	13.5	7.3	6.3	6.7	11.3	0.000	0.000	0.000	0.000
08:15:00	14.7	13.7	19.5	13.1	6.8	6.6	6.7	8.8	0.000	0.000	0.000	0.000
08:30:00	24.9	13.6	17.5	13.2	7.6	6.7	6.7	7.7	0.000	0.000	0.000	0.000
08:45:00	14.2	13.5	14.0	12.9	6.6	6.6	6.6	6.7	0.000	0.000	0.000	0.000
09:00:00	31.5	12.7	12.7	12.0	8.2	6.3	6.3	6.3	0.000	0.000	0.000	0.000
09:15:00	15.4	12.0	12.4	11.9	6.5	6.2	6.3	6.4	0.000	0.000	0.000	0.000
09:30:00	13.0	12.2	11.8	11.9	6.3	6.1	6.3	6.2	0.000	0.000	0.000	0.000
09:45:00	12.8	11.7	11.7	11.8	6.3	5.9	6.3	6.2	0.000	0.000	0.000	0.000
10:00:00	27.7	11.1	12.7	11.6	7.8	5.7	6.1	6.4	0.003	0.000	0.000	0.000
10:15:00	11.8	10.5	12.6	11.7	5.8	5.5	6.1	6.0	0.004	0.000	0.000	0.003
10:30:00	11.9	11.0	11.3	11.4	5.7	5.6	6.0	5.8	0.003	0.000	0.000	0.008
10:45:00	12.5	10.8	11.2	11.6	5.8	5.5	6.1	5.7	0.000	0.000	0.000	0.012
11:00:00	12.0	11.2	12.2	11.8	5.8	5.8	6.1	6.0	0.000	0.000	0.000	0.015
11:15:00	11.6	11.1	13.0	11.3	5.7	5.7	6.0	5.9	0.000	0.000	0.000	0.019
11:30:00	11.1	10.6	10.8	11.1	5.5	5.6	5.9	5.6	0.000	0.000	0.000	0.018
11:45:00	11.1	10.2	16.8	10.8	5.5	5.5	5.8	6.5	0.000	0.000	0.000	0.015



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Table 3 : 15 Minute Average Concentrations (PM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 3061 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	11.1	12.1	10.6	11.7	5.6	5.9	6.0	5.6	0.000	0.000	0.000	0.016
12:15:00	10.6	10.2	10.0	10.6	5.4	5.6	5.9	5.4	0.000	0.000	0.000	0.006
12:30:00	11.5	10.3	9.6	10.7	5.7	5.9	6.2	5.4	0.000	0.000	0.000	0.000
12:45:00	15.3	9.5	11.3	9.1	5.8	5.6	5.5	5.6	0.000	0.000	0.000	0.000
13:00:00	10.5	9.5	9.6	10.3	5.2	5.6	5.9	5.3	0.000	0.000	0.000	0.000
13:15:00	16.7	10.1	9.3	10.1	6.3	5.9	5.8	5.3	0.000	0.000	0.000	0.000
13:30:00	9.8	10.3	9.5	9.9	5.4	5.9	5.8	5.4	0.000	0.000	0.000	0.000
13:45:00	9.5	9.8	9.7	9.5	5.1	5.6	5.7	5.3	0.000	0.000	0.000	0.000
14:00:00	7.8	7.6	8.2	8.7	4.0	4.0	4.5	4.2	0.000	0.000	0.000	0.000
14:15:00	10.0	9.0	8.7	10.2	4.9	4.8	5.0	4.6	0.000	0.000	0.000	0.000
14:30:00	8.2	7.3	7.7	8.3	4.8	4.6	4.9	4.5	0.000	0.000	0.000	0.000
14:45:00	7.5	7.0	6.9	8.1	4.3	4.3	4.7	4.3	0.000	0.000	0.000	0.000
15:00:00	7.5	7.0	6.8	8.4	4.5	4.3	4.6	4.1	0.000	0.000	0.000	0.000
15:15:00	8.7	8.3	7.6	7.8	4.9	5.0	4.7	4.5	0.004	0.000	0.000	0.001
15:30:00	9.4	7.8	8.4	8.1	5.2	4.9	5.1	4.8	0.013	0.001	0.000	0.002
15:45:00	8.8	7.8	7.7	8.7	5.2	4.9	5.1	4.7	0.020	0.004	0.000	0.001
16:00:00	8.8	8.1	8.1	8.1	5.1	5.0	5.0	4.9	0.027	0.005	0.000	0.000
16:15:00	8.9	8.4	8.4	9.2	5.1	5.1	5.2	5.0	0.032	0.006	0.000	0.001
16:30:00	9.5	8.7	8.8	9.6	5.6	5.3	5.5	5.1	0.033	0.005	0.000	0.001
16:45:00	9.2	9.0	28.8	10.4	5.3	5.3	5.7	7.1	0.019	0.005	0.000	0.001
17:00:00	10.0	9.0	9.2	12.2	5.5	5.4	6.0	5.2	0.004	0.003	0.000	0.004
17:15:00	8.9	8.9	8.7	9.0	4.9	5.1	5.1	4.8	0.007	0.002	0.000	0.007
17:30:00	7.3	7.0	7.2	7.3	3.9	4.1	4.1	3.9	0.013	0.002	0.000	0.000
17:45:00	9.4	8.6	9.4	9.1	5.2	5.0	5.4	5.1	0.007	0.001	0.000	0.001
18:00:00	9.8	9.7	9.3	9.4	5.6	5.8	5.8	5.5	0.006	0.001	0.000	0.003
18:15:00	16.4	9.3	9.2	8.7	6.1	5.7	5.4	5.2	0.011	0.001	0.000	0.001
18:30:00	8.0	7.8	8.1	7.6	4.5	4.7	4.7	4.5	0.009	0.001	0.000	0.000
18:45:00	7.3	6.2	7.3	6.1	3.8	3.7	3.9	3.9	0.008	0.001	0.000	0.000
19:00:00	6.6	6.6	7.4	5.7	3.6	3.9	3.4	3.7	0.010	0.002	0.000	0.000
19:15:00	10.8	11.6	8.6	8.4	6.5	7.7	5.5	5.0	0.014	0.003	0.001	0.000
19:30:00	15.1	13.7	12.6	13.9	9.6	9.1	9.4	8.2	0.011	0.002	0.005	0.000
19:45:00	13.4	10.9	12.4	12.2	8.3	7.0	8.2	7.8	0.004	0.001	0.007	0.000
20:00:00	11.4	8.5	11.5	10.1	6.6	5.2	6.6	6.4	0.001	0.001	0.008	0.000
20:15:00	8.3	8.0	8.8	7.6	4.8	4.8	4.8	5.2	0.000	0.001	0.003	0.000
20:30:00	7.7	7.2	8.9	6.8	4.4	4.3	4.3	4.7	0.000	0.000	0.001	0.000
20:45:00	7.5	6.5	10.2	6.7	4.1	3.8	4.1	4.7	0.000	0.000	0.002	0.000
21:00:00	7.4	6.4	9.6	6.7	3.9	3.8	3.9	4.4	0.000	0.000	0.000	0.000
21:15:00	7.8	7.2	8.8	6.7	4.1	3.7	3.9	4.2	0.000	0.000	0.001	0.000
21:30:00	7.7	8.0	10.0	7.2	4.3	3.8	3.9	4.2	0.000	0.000	0.000	0.000
21:45:00	16.7	9.1	8.3	9.4	11.7	3.9	5.9	4.0	0.000	0.000	0.000	0.000
22:00:00	10.5	8.0	11.2	9.2	6.2	3.9	6.0	4.2	0.000	0.000	0.000	0.000
22:15:00	10.1	7.9	9.0	9.0	5.4	3.9	5.7	4.1	0.000	0.000	0.000	0.000
22:30:00	14.2	8.6	13.0	9.2	8.0	4.0	5.8	4.4	0.000	0.000	0.000	0.000
22:45:00	12.2	8.2	17.6	9.2	6.7	4.2	5.4	5.1	0.000	0.000	0.000	0.000
23:00:00	11.8	8.3	14.7	14.1	6.3	4.3	8.1	5.2	0.000	0.000	0.000	0.000
23:15:00	12.8	9.1	14.0	11.6	7.0	4.4	6.7	4.7	0.000	0.000	0.000	0.000
23:30:00	17.6	11.4	16.3	19.3	11.5	4.6	12.7	5.2	0.000	0.000	0.000	0.000
23:45:00	16.1	10.6	20.7	160.2	8.6	5.5	127.0	5.9	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. 3061 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 3061 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 3061 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
23:45:00			160.2				127.0					