



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2026-07-25

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
0.157 to 6.890	2943 SSE	3061 SSW	2996 E	2997 NNW	Min : 75.38 Max : 105.6	Min : 46.10 Max : 86.30	Min : 26.74 Max : 36.33

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	23.8	57.9	13.4	21.3	0.030	0.182
2996	25.0	250.1	14.0	47.9	0.019	0.102
2997	25.9	47.5	14.3	22.1	0.004	0.031
3061	21.1	29.6	12.7	19.3	0.002	0.021

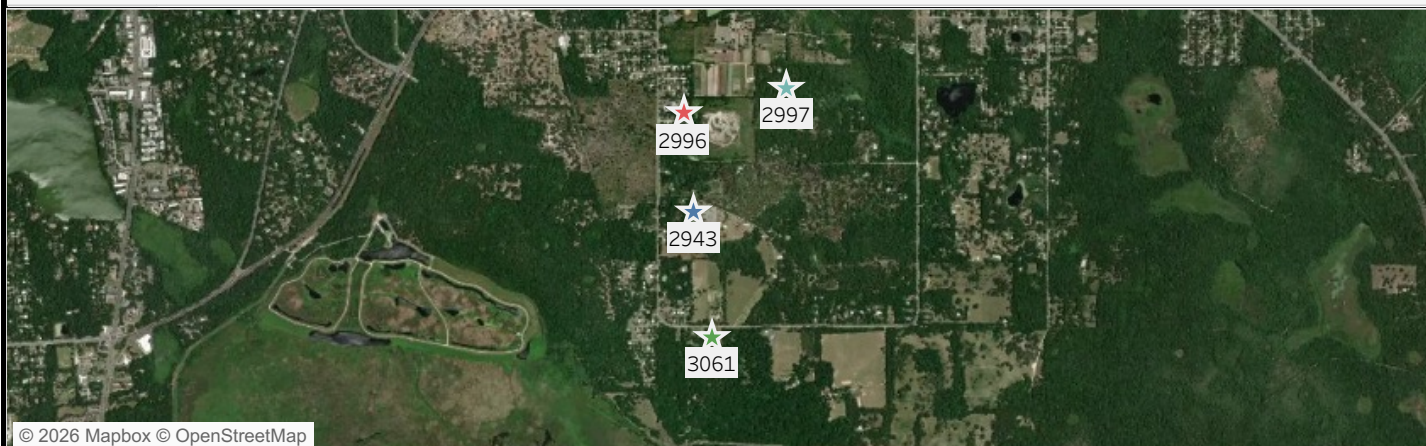


Figure 1 : Monitoring Locations

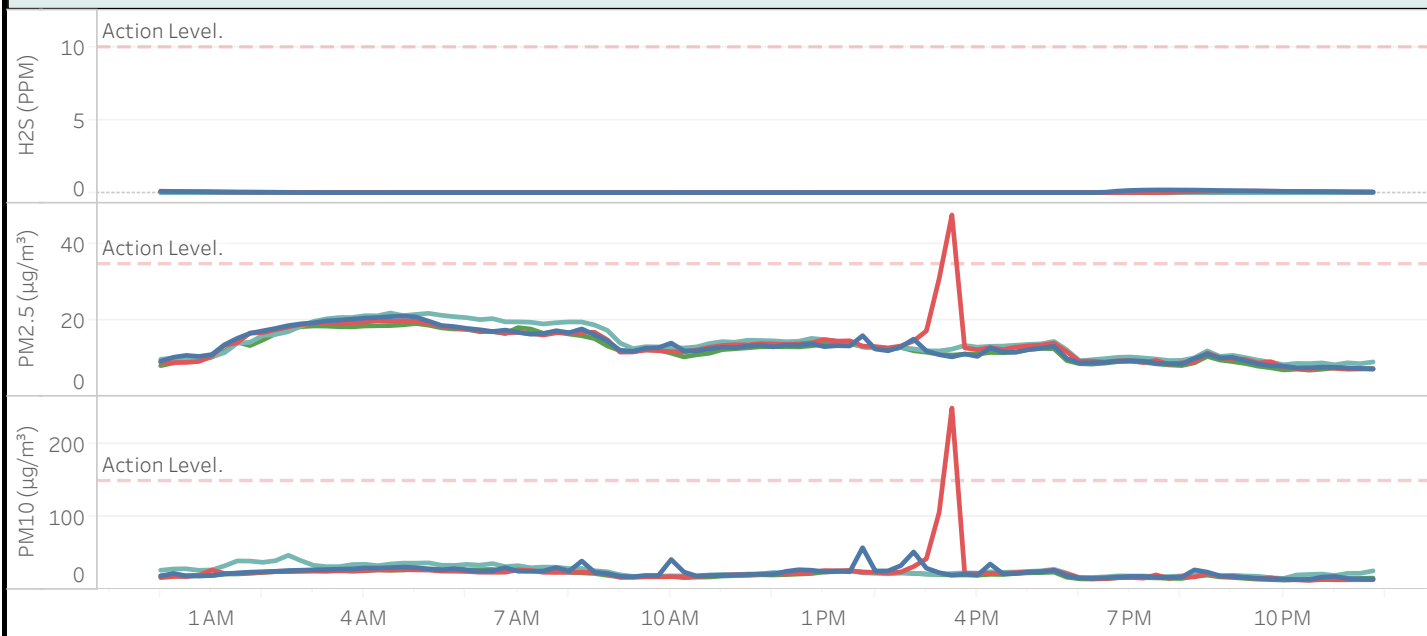


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3061



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Wind Rose Chart 2943

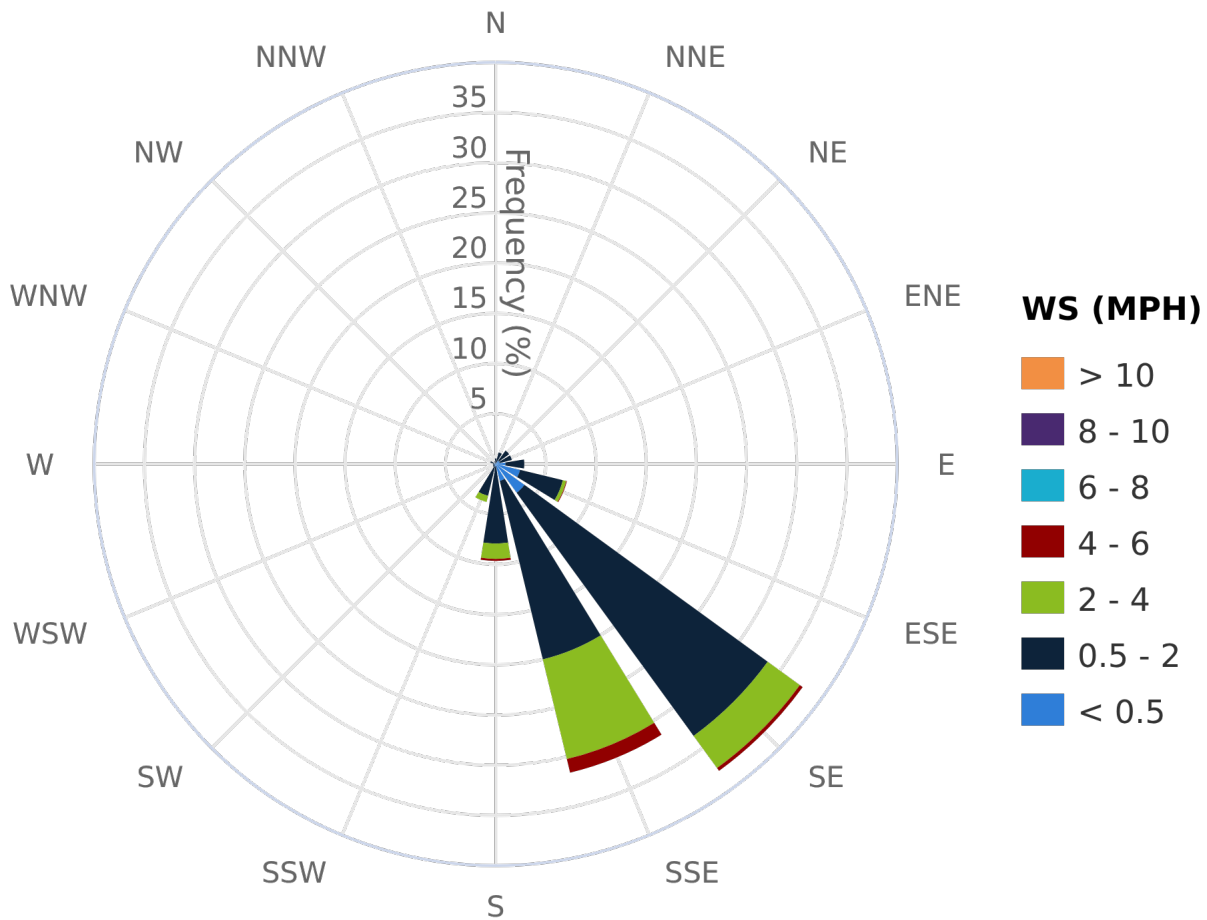


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3061

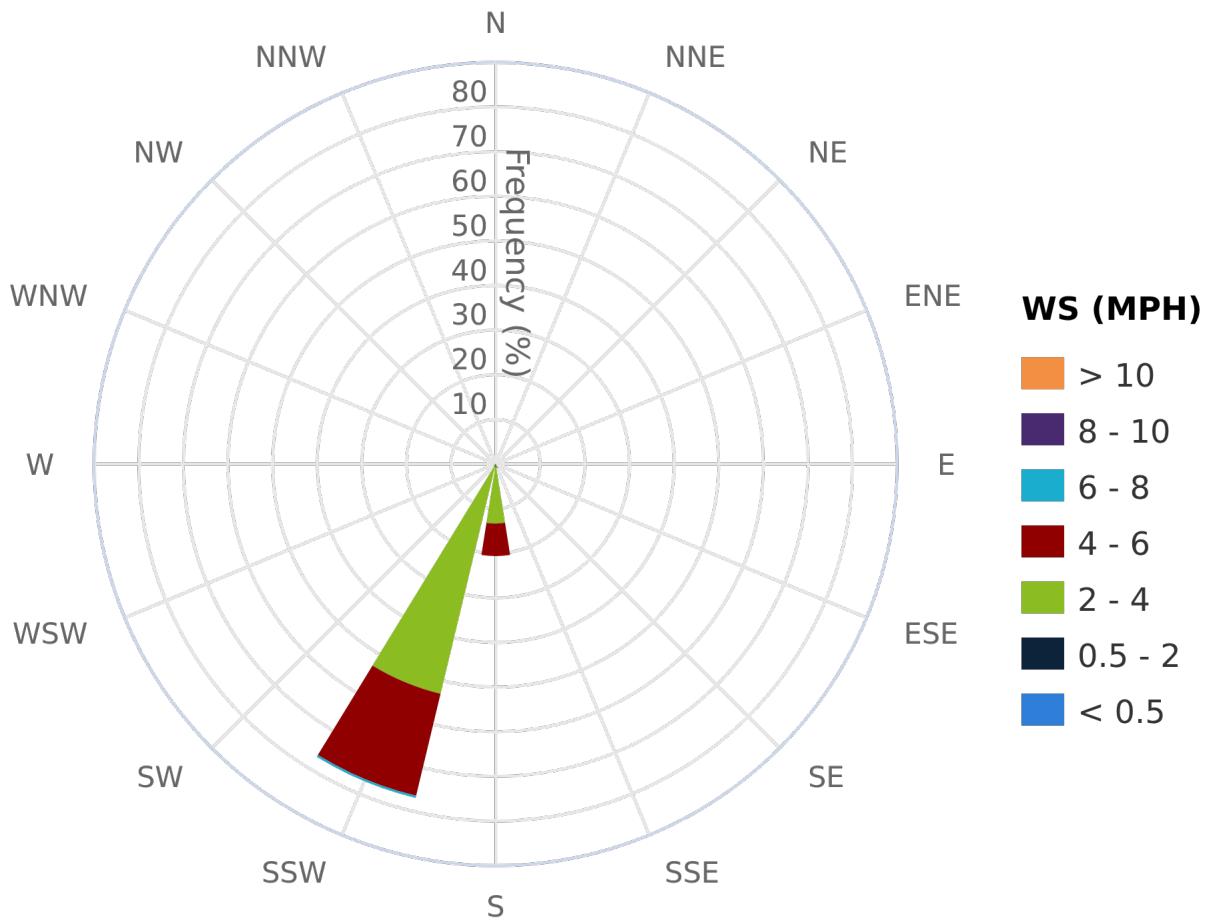


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

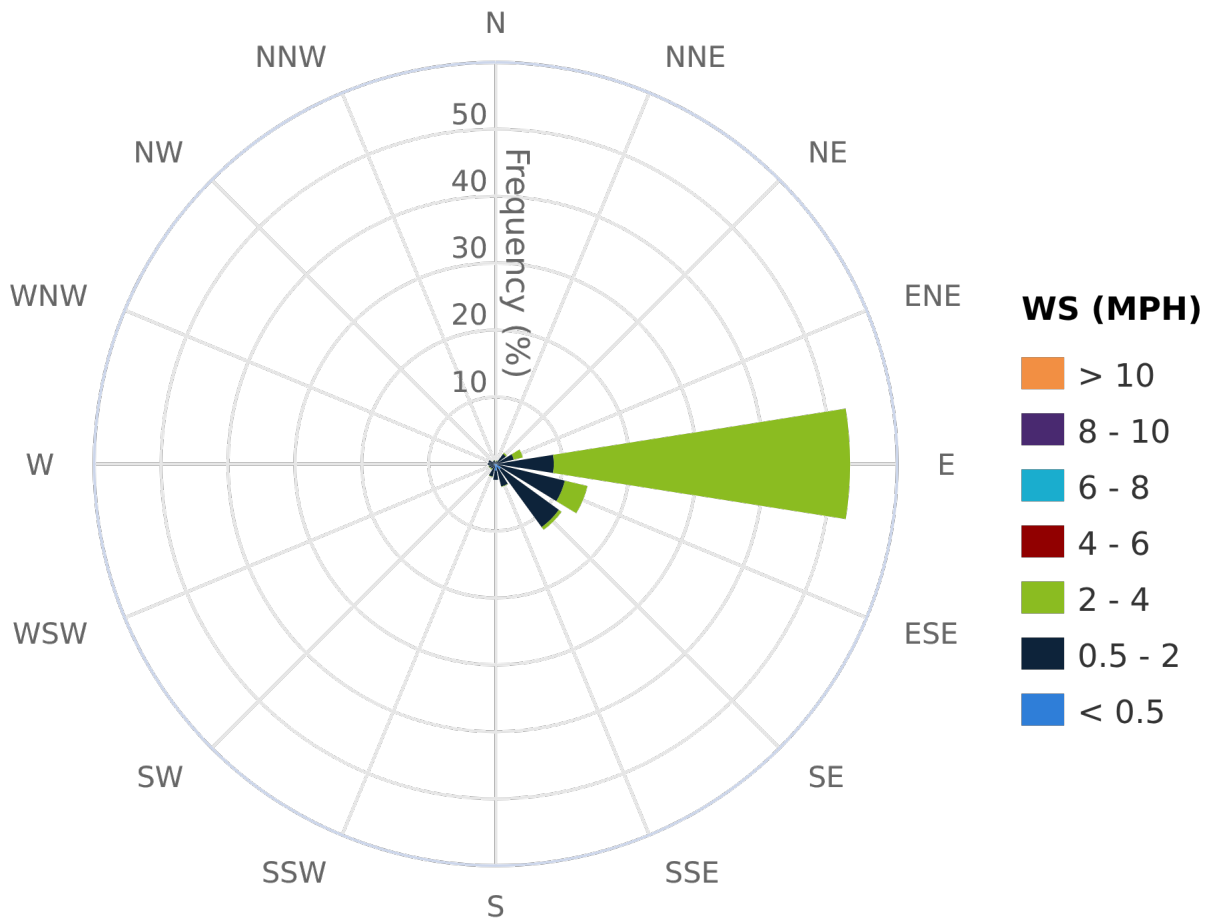


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

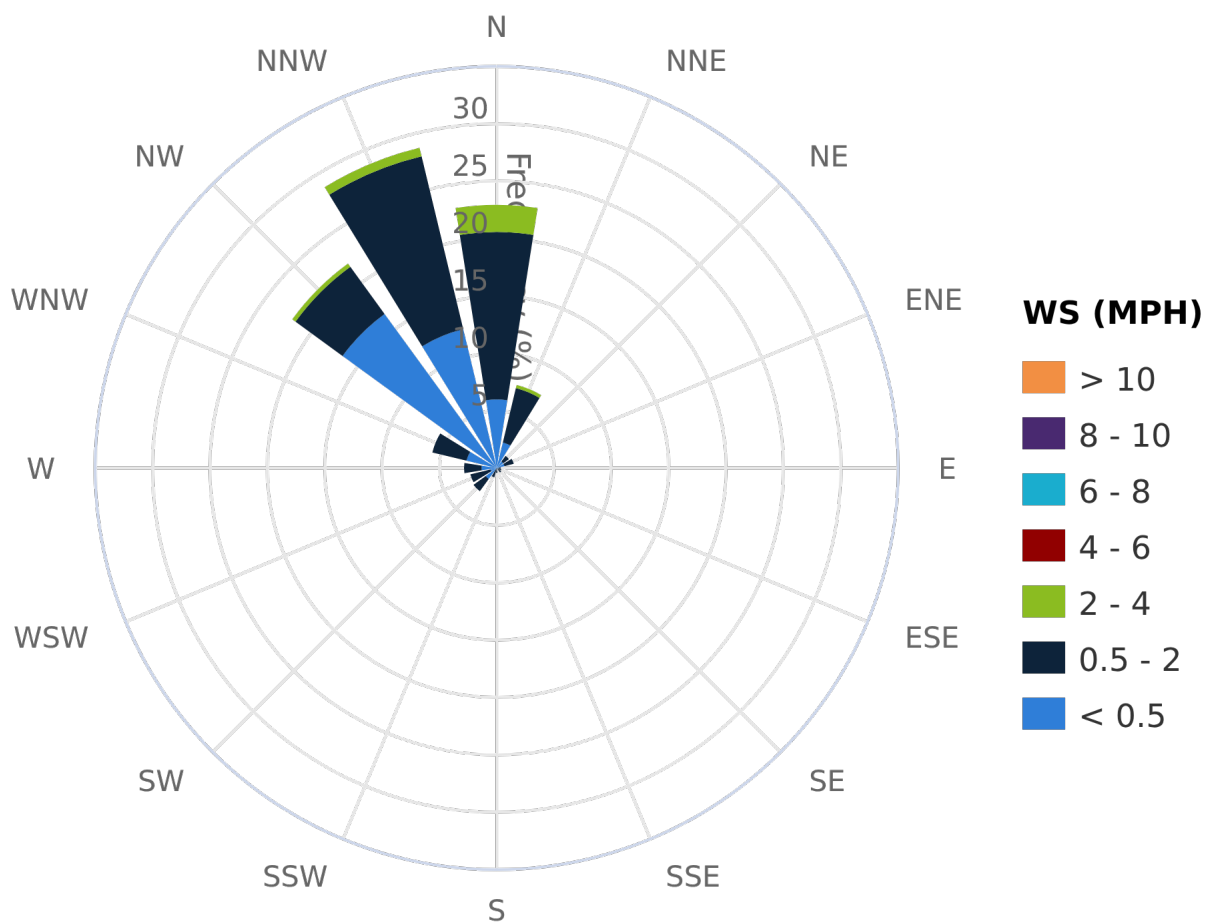


Figure 3 : Wind Rose Chart (WS in MPH)



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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	18.9	19.3	26.9	16.7	9.3	8.2	9.0	9.9	0.087	0.004	0.095	0.000
00:15:00	22.6	19.2	28.6	18.4	10.4	8.9	9.0	10.2	0.076	0.003	0.084	0.000
00:30:00	19.1	19.2	28.9	18.2	10.9	9.9	9.0	10.1	0.066	0.002	0.070	0.000
00:45:00	18.8	20.2	26.8	20.1	10.6	9.6	9.3	10.1	0.061	0.002	0.064	0.000
01:00:00	19.7	19.5	27.3	27.2	11.1	10.4	10.7	10.5	0.049	0.001	0.055	0.000
01:15:00	21.8	21.6	32.9	22.6	13.7	11.9	13.6	11.6	0.038	0.000	0.045	0.000
01:30:00	23.2	21.8	39.7	22.2	15.4	14.4	14.3	14.1	0.029	0.000	0.037	0.000
01:45:00	24.2	22.6	39.5	23.9	16.7	13.5	16.8	14.3	0.028	0.000	0.032	0.000
02:00:00	24.8	23.9	37.8	24.0	17.3	14.9	16.9	16.1	0.022	0.000	0.028	0.000
02:15:00	25.4	25.1	40.0	24.9	18.0	16.6	17.7	16.4	0.017	0.000	0.025	0.000
02:30:00	26.5	25.0	47.5	25.2	18.7	17.9	18.4	17.1	0.009	0.000	0.018	0.000
02:45:00	26.9	25.5	40.0	25.8	19.2	18.4	19.0	18.6	0.004	0.000	0.015	0.000
03:00:00	27.4	25.9	33.6	25.9	19.5	18.6	19.2	19.8	0.000	0.000	0.009	0.000
03:15:00	27.8	25.4	31.8	26.1	20.0	18.6	19.4	20.5	0.000	0.000	0.007	0.000
03:30:00	28.3	26.8	31.8	25.9	20.2	18.4	19.3	20.9	0.000	0.000	0.005	0.000
03:45:00	28.7	25.5	34.7	26.1	20.4	18.4	19.5	20.9	0.000	0.000	0.005	0.000
04:00:00	30.0	26.1	35.1	26.6	20.7	18.6	19.6	21.3	0.000	0.000	0.003	0.000
04:15:00	29.8	27.7	33.1	27.1	20.9	18.7	20.1	21.3	0.000	0.000	0.002	0.000
04:30:00	30.5	26.9	35.4	27.2	21.1	18.7	19.9	22.1	0.000	0.000	0.000	0.000
04:45:00	31.3	27.1	36.7	27.8	21.3	18.9	20.1	21.4	0.000	0.000	0.000	0.000
05:00:00	30.5	28.3	36.6	27.3	21.0	19.3	19.8	21.7	0.000	0.000	0.000	0.000
05:15:00	28.8	28.4	37.0	27.1	19.9	18.8	19.2	22.0	0.000	0.000	0.000	0.000
05:30:00	27.3	28.3	33.8	25.7	18.8	18.1	18.6	21.4	0.000	0.000	0.000	0.000
05:45:00	29.1	29.6	33.5	25.6	18.5	17.8	18.1	21.1	0.000	0.000	0.000	0.000
06:00:00	27.0	27.4	34.9	25.2	18.0	17.8	17.7	20.8	0.000	0.000	0.000	0.000
06:15:00	25.6	27.7	33.9	24.2	17.6	17.1	17.4	20.3	0.000	0.000	0.000	0.000
06:30:00	26.1	28.0	36.1	24.1	17.2	17.2	17.1	20.6	0.000	0.000	0.000	0.000
06:45:00	30.5	24.9	31.8	24.2	17.5	16.6	16.8	19.7	0.000	0.000	0.000	0.000
07:00:00	25.6	29.1	33.2	27.6	16.9	18.2	17.0	19.7	0.000	0.000	0.000	0.000
07:15:00	25.3	27.3	30.2	26.5	16.5	17.8	16.7	19.6	0.000	0.000	0.000	0.000
07:30:00	25.9	25.0	31.3	24.1	16.7	16.7	16.2	19.2	0.000	0.000	0.000	0.000
07:45:00	30.7	25.0	31.0	23.9	17.4	17.0	16.8	19.5	0.000	0.000	0.000	0.000
08:00:00	25.5	24.1	29.2	24.2	16.9	16.5	16.8	19.7	0.000	0.000	0.000	0.000
08:15:00	39.6	23.3	29.3	24.1	17.8	16.1	16.9	19.7	0.000	0.000	0.000	0.000
08:30:00	24.1	22.4	26.3	23.9	16.3	15.3	17.0	18.9	0.000	0.000	0.000	0.000
08:45:00	22.4	19.8	24.8	21.5	14.7	13.4	15.0	17.5	0.000	0.000	0.000	0.000
09:00:00	18.6	17.9	20.6	17.0	12.2	12.1	11.7	14.1	0.000	0.000	0.000	0.000
09:15:00	17.9	17.6	18.4	17.1	12.0	12.0	11.8	12.7	0.000	0.000	0.000	0.000
09:30:00	19.7	18.5	18.7	17.7	12.8	12.3	12.3	13.2	0.000	0.001	0.000	0.000
09:45:00	19.6	18.5	18.7	17.8	12.9	12.3	12.1	13.1	0.000	0.000	0.000	0.000
10:00:00	41.7	18.5	19.2	18.0	14.1	11.5	11.8	12.9	0.000	0.000	0.000	0.000
10:15:00	24.4	16.6	19.1	17.8	12.1	10.5	11.8	12.8	0.002	0.000	0.000	0.001
10:30:00	18.9	17.4	19.1	18.3	12.1	11.0	12.3	13.1	0.003	0.000	0.000	0.004
10:45:00	19.6	17.6	20.4	19.2	12.6	11.4	13.0	14.0	0.001	0.000	0.000	0.007
11:00:00	19.9	18.9	21.1	19.9	13.0	12.4	13.5	14.5	0.000	0.000	0.000	0.011
11:15:00	20.4	19.5	20.7	20.7	12.9	12.6	13.7	14.3	0.000	0.000	0.000	0.014
11:30:00	20.9	19.8	21.7	20.8	13.3	12.9	13.7	14.9	0.000	0.000	0.000	0.014
11:45:00	21.4	20.6	21.8	21.7	13.5	13.1	14.0	14.8	0.000	0.000	0.000	0.016



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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	21.4	20.3	23.8	22.1	13.1	13.2	13.9	14.7	0.000	0.000	0.000	0.017
12:15:00	25.3	20.9	23.1	21.7	13.6	13.2	13.8	14.5	0.000	0.000	0.000	0.015
12:30:00	27.6	21.6	23.6	22.8	13.5	13.1	13.9	14.6	0.000	0.000	0.000	0.020
12:45:00	26.9	22.4	25.6	24.0	13.9	13.4	14.2	15.4	0.000	0.000	0.000	0.009
13:00:00	24.6	24.4	25.8	26.3	13.2	13.8	15.0	15.0	0.000	0.000	0.000	0.001
13:15:00	25.7	25.0	26.1	25.9	13.4	13.8	14.6	14.6	0.000	0.000	0.000	0.000
13:30:00	24.8	25.9	26.3	26.5	13.4	14.0	14.7	14.5	0.000	0.000	0.000	0.000
13:45:00	57.9	24.4	23.4	24.2	16.1	13.2	13.3	13.0	0.000	0.000	0.000	0.000
14:00:00	25.8	23.8	22.7	24.0	12.6	12.8	13.2	12.8	0.000	0.000	0.000	0.000
14:15:00	26.0	22.8	22.0	23.1	12.1	12.4	12.8	12.4	0.000	0.000	0.000	0.000
14:30:00	33.3	23.8	22.9	24.5	13.1	13.0	13.4	12.9	0.000	0.000	0.000	0.000
14:45:00	52.1	22.5	22.7	32.0	15.2	12.1	14.7	12.6	0.000	0.000	0.000	0.000
15:00:00	29.7	21.7	21.5	42.7	12.0	11.7	17.3	12.1	0.000	0.000	0.000	0.000
15:15:00	23.5	21.0	21.3	106.4	11.1	11.2	31.1	12.0	0.000	0.000	0.000	0.000
15:30:00	20.1	20.3	22.4	250.1	10.5	11.0	47.9	12.5	0.000	0.000	0.000	0.000
15:45:00	21.6	20.4	23.4	22.5	11.3	11.2	12.9	13.5	0.000	0.000	0.000	0.000
16:00:00	20.0	20.1	22.9	22.3	10.6	11.2	12.3	13.0	0.000	0.000	0.000	0.000
16:15:00	35.5	21.2	24.8	22.6	12.9	11.7	12.9	13.3	0.000	0.000	0.000	0.000
16:30:00	21.9	21.1	24.1	22.4	11.7	11.6	12.4	13.3	0.000	0.000	0.000	0.000
16:45:00	22.3	22.5	24.4	23.5	11.7	11.8	13.0	13.6	0.000	0.000	0.000	0.000
17:00:00	24.2	23.3	25.3	24.5	12.4	12.4	13.4	13.8	0.000	0.000	0.000	0.000
17:15:00	24.7	23.6	26.1	25.3	12.8	12.7	13.6	13.9	0.000	0.000	0.000	0.000
17:30:00	26.8	24.3	28.2	26.7	13.3	12.6	14.1	14.6	0.000	0.000	0.000	0.000
17:45:00	19.3	17.2	22.9	21.8	10.1	9.5	11.8	12.3	0.000	0.000	0.000	0.000
18:00:00	16.1	15.1	16.6	16.5	8.9	8.7	9.3	9.5	0.000	0.000	0.000	0.000
18:15:00	15.9	14.7	16.9	15.8	8.9	8.6	9.3	9.7	0.000	0.000	0.000	0.000
18:30:00	16.5	15.4	17.7	15.3	9.0	8.8	9.1	10.0	0.027	0.004	0.000	0.000
18:45:00	17.5	16.5	19.1	16.6	9.4	9.2	9.5	10.4	0.105	0.012	0.000	0.006
19:00:00	18.4	16.9	18.9	16.9	9.5	9.3	9.5	10.5	0.149	0.018	0.000	0.020
19:15:00	18.4	16.6	18.9	16.0	9.3	9.1	9.0	10.2	0.170	0.021	0.000	0.023
19:30:00	17.2	16.4	18.3	20.4	8.8	8.6	9.5	9.9	0.182	0.021	0.000	0.029
19:45:00	17.0	15.7	18.2	15.5	8.7	8.4	8.6	9.5	0.181	0.020	0.011	0.031
20:00:00	17.4	15.5	19.1	18.5	8.6	8.2	8.9	9.6	0.177	0.018	0.045	0.031
20:15:00	27.4	18.4	20.5	17.6	10.1	8.9	9.1	10.2	0.172	0.016	0.067	0.029
20:30:00	24.3	20.1	22.6	22.4	11.3	10.6	11.5	12.1	0.160	0.013	0.077	0.023
20:45:00	19.2	17.7	19.0	18.7	10.2	9.7	10.3	10.6	0.145	0.011	0.086	0.020
21:00:00	18.4	16.9	20.0	17.7	10.4	9.2	10.0	10.9	0.134	0.009	0.096	0.015
21:15:00	17.0	15.7	19.0	16.8	9.4	8.7	9.8	10.3	0.123	0.009	0.102	0.007
21:30:00	15.6	14.5	18.6	15.4	8.6	8.0	8.9	9.6	0.112	0.007	0.102	0.002
21:45:00	15.0	13.9	16.4	16.5	8.1	7.6	9.2	9.1	0.096	0.006	0.098	0.000
22:00:00	14.8	13.3	15.6	13.8	8.0	7.0	7.8	8.4	0.087	0.005	0.084	0.000
22:15:00	14.0	14.2	20.3	13.7	7.6	7.2	7.4	8.8	0.079	0.005	0.079	0.000
22:30:00	14.3	13.3	21.1	13.1	7.6	7.0	7.3	8.7	0.070	0.004	0.074	0.000
22:45:00	17.4	15.4	21.6	14.1	7.8	7.2	7.6	8.9	0.063	0.003	0.069	0.000
23:00:00	18.4	14.9	19.6	13.8	7.7	7.6	7.5	8.4	0.057	0.003	0.064	0.000
23:15:00	15.6	14.8	22.6	13.7	7.6	7.3	7.3	8.9	0.047	0.002	0.057	0.000
23:30:00	15.0	15.6	22.7	13.9	7.4	7.4	7.3	8.7	0.046	0.002	0.047	0.000
23:45:00	14.6	16.1	26.0	13.8	7.3	7.4	7.3	9.2	0.038	0.002	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. 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)
15:30:00			250.1				47.9					