



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-02

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 7.471	2943 SE	2995 ENE	2996 NE	2997 W	Min : 75.56 Max : 99.32	Min : 56.60 Max : 96.50	Min : 29.95 Max : 30.19

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	18.1	201.0	6.6	38.0	-0.001	0.091
2995	12.5	23.9	4.8	9.9	0.013	0.086
2996	13.7	20.9	5.6	8.2	0.002	0.018
2997	19.6	44.3	8.0	26.5	0.008	0.046

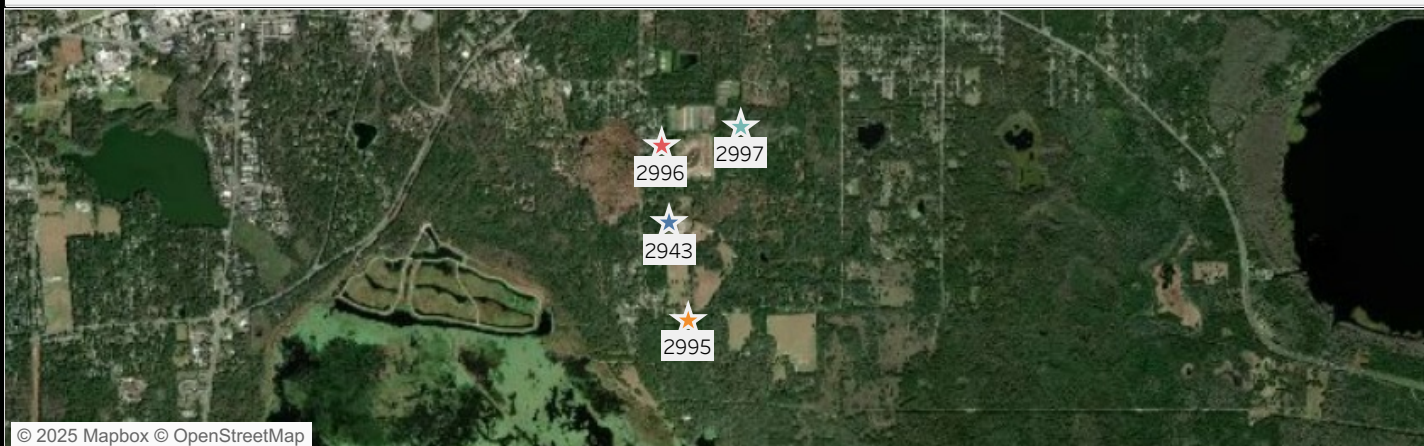


Figure 1 : Monitoring Locations

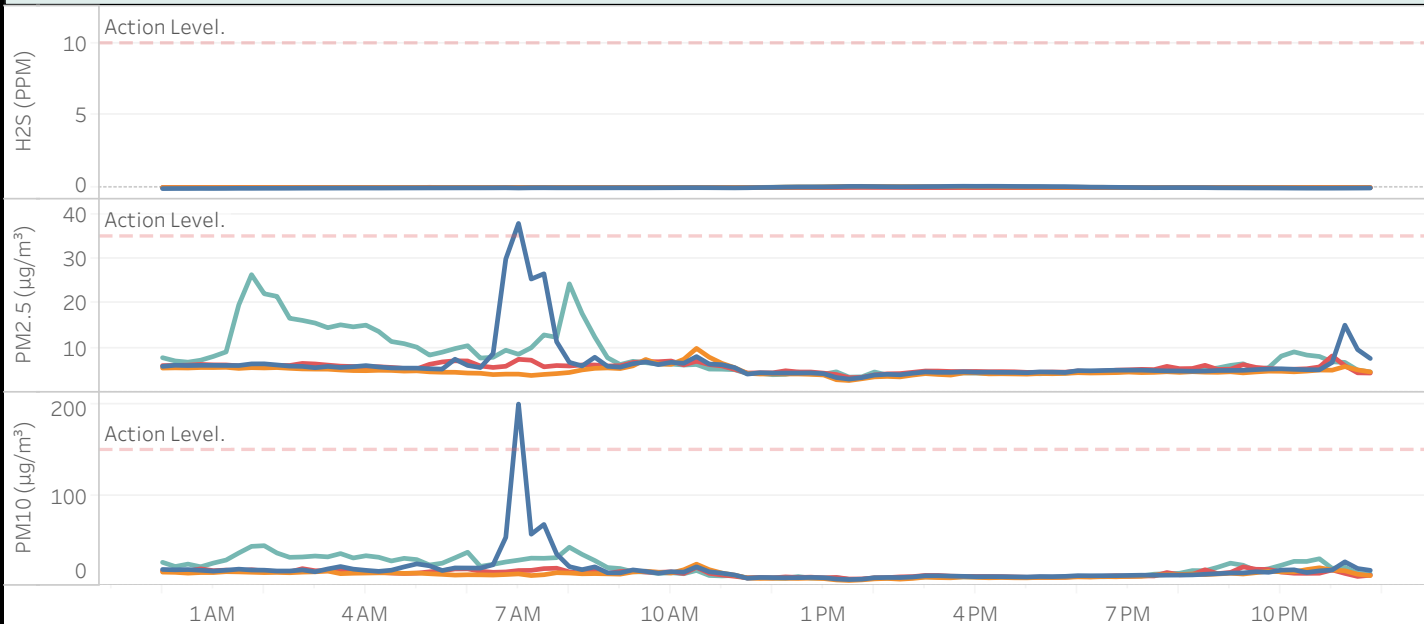


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

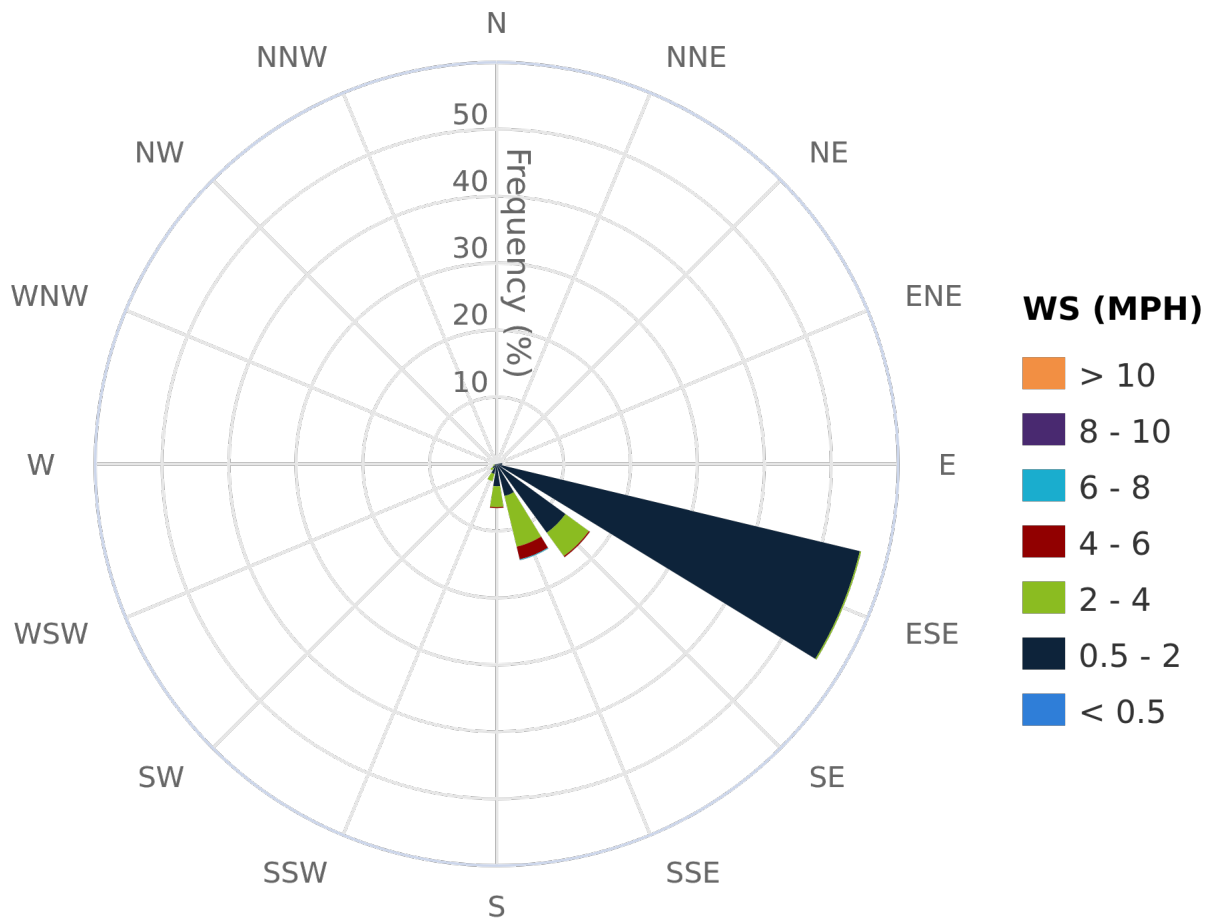


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

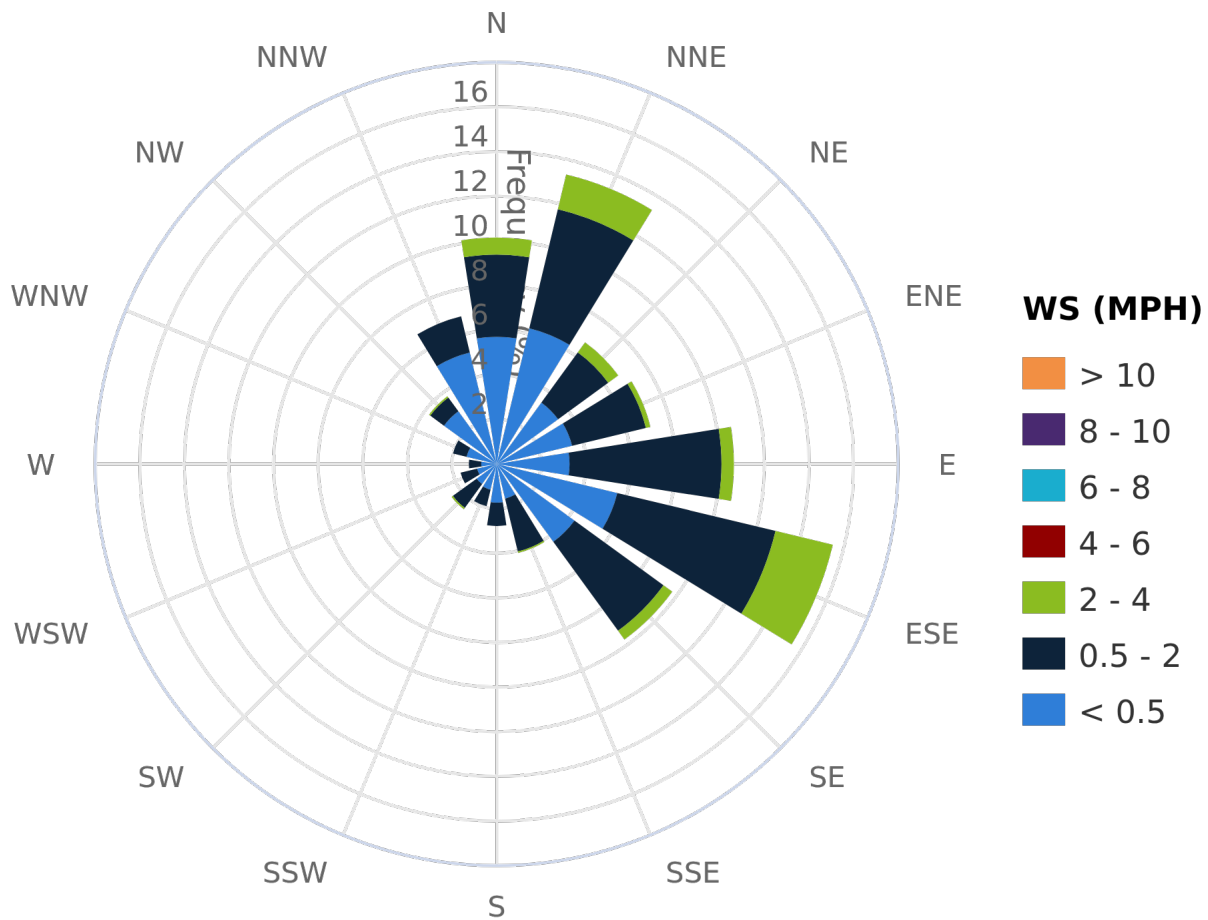


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

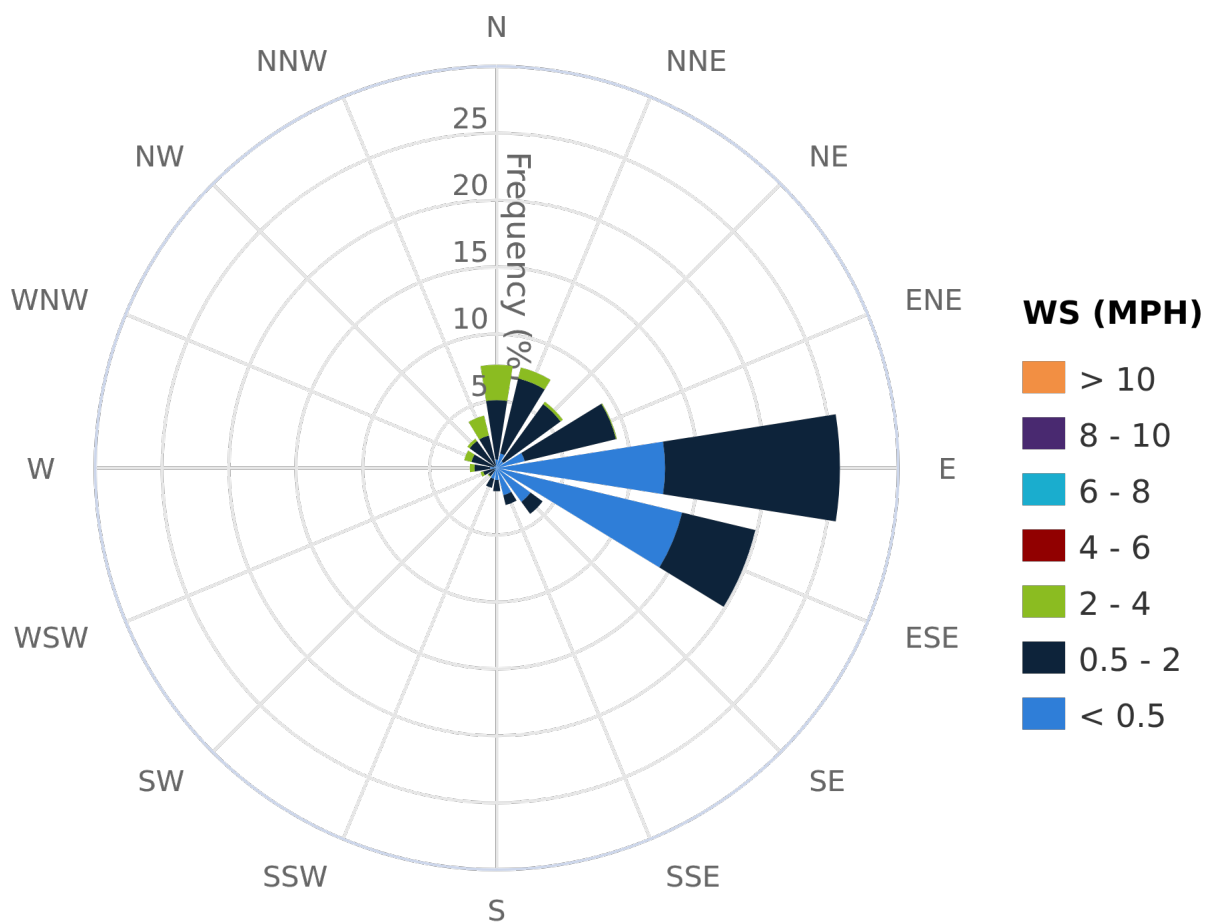


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

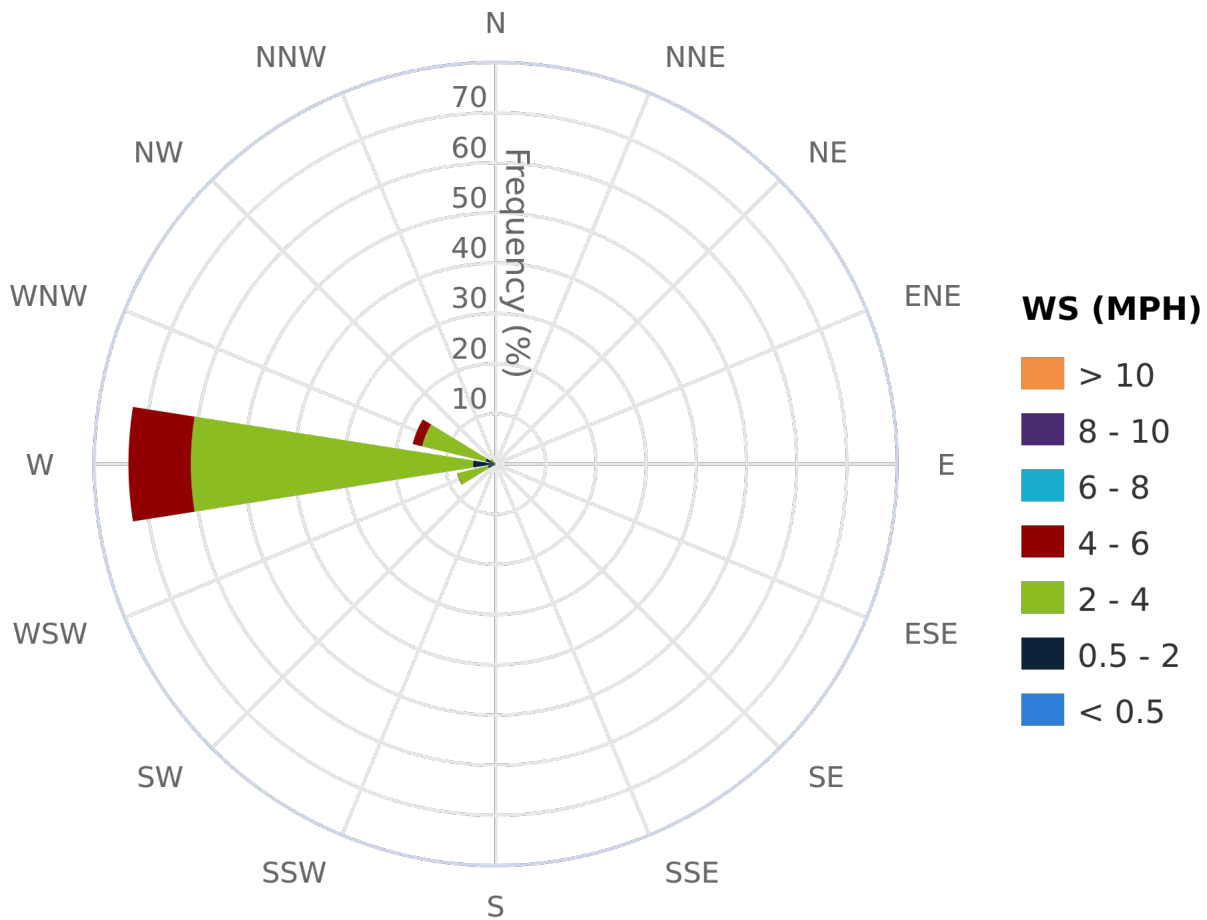


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	18.0	15.1	25.9	16.5	5.9	5.5	6.1	7.8	-0.071	0.000	0.000	0.000
00:15:00	17.7	14.8	21.3	16.7	6.1	5.6	6.1	7.1	-0.065	0.000	0.000	0.000
00:30:00	17.9	14.0	24.0	16.4	6.1	5.5	6.2	6.8	-0.064	0.000	0.000	0.000
00:45:00	17.2	14.6	21.0	18.7	6.1	5.6	6.3	7.3	-0.061	0.000	0.000	0.000
01:00:00	16.3	14.6	25.1	16.7	6.1	5.6	6.2	8.1	-0.062	0.000	0.000	0.000
01:15:00	17.2	15.6	28.5	17.3	6.1	5.7	6.2	9.1	-0.059	0.000	0.000	0.000
01:30:00	18.4	15.4	36.3	16.5	6.1	5.4	6.0	19.7	-0.053	0.000	0.000	0.000
01:45:00	17.5	15.0	43.6	17.7	6.4	5.6	6.1	26.5	-0.053	0.000	0.000	0.000
02:00:00	17.2	14.6	44.3	16.4	6.5	5.5	6.1	22.2	-0.050	0.000	0.000	0.000
02:15:00	16.3	14.8	36.3	15.7	6.2	5.6	6.1	21.6	-0.049	0.000	0.000	0.000
02:30:00	16.3	14.4	31.5	15.2	6.0	5.5	6.1	16.7	-0.046	0.000	0.000	0.000
02:45:00	17.5	15.1	31.9	18.9	5.9	5.3	6.6	16.2	-0.042	0.000	0.000	0.000
03:00:00	15.5	15.4	32.9	16.6	5.6	5.3	6.4	15.6	-0.039	0.000	0.000	0.000
03:15:00	18.6	16.3	32.0	16.6	5.9	5.3	6.2	14.6	-0.038	0.000	0.000	0.000
03:30:00	21.3	13.4	35.6	16.7	5.6	5.1	5.9	15.2	-0.035	0.000	0.000	0.000
03:45:00	18.4	13.9	30.8	16.4	5.8	5.0	5.9	14.8	-0.034	0.000	0.000	0.000
04:00:00	17.1	14.1	33.2	14.6	6.1	4.9	5.8	15.1	-0.033	0.000	0.000	0.000
04:15:00	15.9	14.3	31.6	14.9	5.8	5.0	5.8	13.7	-0.034	0.000	0.000	0.000
04:30:00	17.2	14.3	27.4	14.1	5.5	5.0	5.7	11.5	-0.031	0.000	0.000	0.000
04:45:00	20.9	13.7	30.4	13.6	5.5	4.8	5.4	11.0	-0.028	0.000	0.000	0.000
05:00:00	24.2	14.0	28.9	13.9	5.5	4.9	5.3	10.2	-0.027	0.000	0.000	0.000
05:15:00	22.1	13.3	23.0	15.4	5.4	4.7	6.3	8.4	-0.024	0.000	0.018	0.000
05:30:00	16.9	12.6	25.0	16.5	5.3	4.6	6.9	9.1	-0.024	0.000	0.000	0.000
05:45:00	19.7	11.8	30.9	18.6	7.5	4.6	7.1	9.9	-0.022	0.000	0.000	0.000
06:00:00	19.6	12.2	37.1	18.7	6.1	4.4	7.1	10.5	-0.020	0.000	0.000	0.000
06:15:00	19.6	12.1	21.4	16.1	5.6	4.3	6.0	7.8	-0.021	0.000	0.000	0.000
06:30:00	23.3	11.9	23.7	14.9	8.7	4.1	5.7	7.9	-0.019	0.000	0.000	0.000
06:45:00	53.6	12.4	26.3	15.3	30.0	4.2	5.9	9.5	-0.014	0.000	0.007	0.000
07:00:00	201.0	13.1	28.3	16.9	38.0	4.2	7.5	8.6	-0.030	0.000	0.007	0.000
07:15:00	57.1	11.3	30.5	17.1	25.5	3.9	7.3	10.1	-0.016	0.000	0.002	0.000
07:30:00	67.8	12.2	30.4	19.0	26.7	4.1	5.8	12.9	-0.013	0.000	0.000	0.000
07:45:00	35.2	14.4	31.1	19.4	11.4	4.3	6.1	12.4	-0.019	0.000	0.000	0.000
08:00:00	21.1	14.1	42.6	15.3	6.8	4.5	6.0	24.4	-0.020	0.000	0.000	0.000
08:15:00	17.8	13.3	34.7	14.0	6.0	5.1	6.2	17.8	-0.019	0.000	0.000	0.000
08:30:00	20.9	13.5	27.9	16.6	7.9	5.5	6.2	12.5	-0.019	0.000	0.000	0.000
08:45:00	14.4	13.2	20.1	13.6	5.9	5.5	6.0	7.8	-0.019	0.000	0.000	0.000
09:00:00	14.3	12.9	19.0	15.8	5.7	5.4	6.0	6.3	-0.016	0.000	0.000	0.000
09:15:00	17.5	15.3	15.5	16.4	6.5	6.0	6.8	7.0	-0.017	0.000	0.000	0.000
09:30:00	15.9	16.1	15.3	15.2	6.9	7.4	7.0	6.7	-0.018	0.000	0.000	0.000
09:45:00	13.9	15.0	13.7	14.9	6.3	6.5	6.9	6.4	-0.014	0.000	0.000	0.000
10:00:00	15.5	14.0	14.5	15.4	6.8	6.3	7.1	6.4	-0.011	0.001	0.000	0.000
10:15:00	15.0	17.7	13.3	13.6	6.6	7.5	6.2	6.2	-0.007	0.005	0.000	0.000
10:30:00	21.0	23.9	17.0	20.4	8.1	9.9	7.0	6.3	-0.006	0.005	0.000	0.000
10:45:00	15.4	17.8	11.4	13.8	6.4	8.0	6.3	5.3	-0.009	0.000	0.000	0.000
11:00:00	13.9	14.0	10.9	12.0	6.3	6.6	6.0	5.3	-0.016	0.000	0.000	0.000
11:15:00	11.9	11.7	11.4	10.5	5.6	5.6	5.2	5.1	-0.021	0.000	0.000	0.000
11:30:00	8.3	8.6	8.8	8.7	4.2	4.3	4.4	4.3	-0.012	0.000	0.000	0.002
11:45:00	9.2	8.1	9.3	9.0	4.5	4.2	4.5	4.3	0.005	0.005	0.000	0.013



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2995 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	9.1	8.4	8.4	8.7	4.4	4.2	4.4	4.0	0.014	0.018	0.003	0.022
12:15:00	8.8	8.3	8.4	9.8	4.4	4.2	4.9	4.1	0.031	0.029	0.005	0.030
12:30:00	9.0	8.1	10.2	9.2	4.4	4.2	4.6	4.6	0.041	0.035	0.006	0.036
12:45:00	9.2	8.5	8.5	9.5	4.4	4.1	4.6	4.2	0.044	0.032	0.004	0.038
13:00:00	8.9	8.0	8.5	8.7	4.3	4.0	4.4	4.1	0.046	0.042	0.005	0.040
13:15:00	7.4	6.5	9.0	9.2	3.4	2.9	4.1	4.7	0.059	0.062	0.006	0.042
13:30:00	6.9	5.9	7.1	7.5	3.0	2.7	3.3	3.5	0.080	0.082	0.010	0.042
13:45:00	7.3	6.5	7.0	7.5	3.4	3.1	3.4	3.5	0.079	0.086	0.012	0.046
14:00:00	8.9	7.7	8.8	8.7	3.9	3.5	4.0	4.6	0.071	0.071	0.011	0.044
14:15:00	9.2	8.1	8.3	9.0	4.1	3.6	4.2	4.0	0.060	0.066	0.012	0.041
14:30:00	9.1	7.3	8.5	9.8	4.0	3.5	4.3	3.9	0.056	0.063	0.011	0.036
14:45:00	9.7	8.1	9.2	10.1	4.4	3.9	4.6	4.1	0.060	0.063	0.007	0.033
15:00:00	11.1	9.5	9.8	11.4	4.6	4.3	4.9	4.5	0.069	0.060	0.001	0.032
15:15:00	11.1	9.1	9.8	11.4	4.6	4.1	4.8	4.3	0.073	0.063	0.000	0.031
15:30:00	10.7	8.8	9.6	10.6	4.5	3.9	4.7	4.3	0.085	0.063	0.000	0.029
15:45:00	10.4	9.8	9.8	10.4	4.7	4.4	4.7	4.4	0.091	0.051	0.000	0.035
16:00:00	10.0	9.4	9.7	10.3	4.6	4.4	4.8	4.4	0.087	0.056	0.000	0.028
16:15:00	10.1	8.9	9.2	10.2	4.6	4.2	4.7	4.3	0.090	0.057	0.000	0.024
16:30:00	10.1	9.1	9.7	10.1	4.5	4.2	4.7	4.4	0.088	0.048	0.000	0.023
16:45:00	9.9	8.8	9.4	9.7	4.5	4.2	4.7	4.3	0.081	0.042	0.000	0.020
17:00:00	9.7	8.8	9.4	9.4	4.5	4.2	4.5	4.3	0.077	0.039	0.000	0.021
17:15:00	10.2	9.2	9.2	9.6	4.6	4.3	4.6	4.2	0.076	0.030	0.000	0.020
17:30:00	10.1	9.2	9.3	9.5	4.6	4.2	4.6	4.4	0.069	0.020	0.000	0.015
17:45:00	10.4	9.3	9.8	9.6	4.5	4.3	4.6	4.4	0.066	0.017	0.000	0.016
18:00:00	11.2	9.8	10.4	10.4	4.9	4.5	4.8	4.6	0.050	0.023	0.000	0.014
18:15:00	11.1	9.6	10.1	10.0	4.9	4.4	4.7	4.6	0.031	0.019	0.000	0.008
18:30:00	11.1	10.2	10.0	10.4	5.0	4.4	4.8	4.6	0.025	0.019	0.000	0.008
18:45:00	11.2	9.9	10.2	11.1	5.0	4.5	5.0	4.6	0.017	0.007	0.000	0.006
19:00:00	11.5	10.4	10.4	10.6	5.0	4.6	5.1	4.8	0.009	0.002	0.000	0.005
19:15:00	11.7	10.5	11.0	10.9	5.0	4.5	5.2	4.8	0.000	0.000	0.000	0.003
19:30:00	11.6	11.8	12.8	10.8	5.0	4.5	5.2	4.9	-0.006	0.000	0.000	0.001
19:45:00	11.8	12.4	13.4	14.6	4.9	4.7	5.9	4.9	-0.003	0.000	0.000	0.001
20:00:00	11.8	12.4	13.8	12.1	4.9	4.5	5.4	5.0	-0.001	0.000	0.000	0.000
20:15:00	12.0	13.0	16.8	12.5	4.8	4.7	5.4	5.3	-0.004	0.000	0.000	0.000
20:30:00	12.7	12.4	16.6	17.7	4.9	4.6	6.1	5.2	-0.006	0.000	0.002	0.000
20:45:00	13.4	13.1	20.5	13.5	5.0	4.6	5.2	5.5	-0.016	0.000	0.004	0.000
21:00:00	14.1	13.9	25.0	14.7	5.0	4.7	5.3	6.1	-0.019	0.000	0.003	0.000
21:15:00	14.3	13.0	22.7	20.9	5.0	4.4	6.3	6.5	-0.022	0.000	0.000	0.000
21:30:00	15.5	14.5	16.7	18.3	5.2	4.6	5.7	5.2	-0.027	0.000	0.000	0.000
21:45:00	14.9	16.2	18.8	18.0	5.3	4.8	5.4	5.6	-0.028	0.000	0.000	0.000
22:00:00	17.3	15.4	22.7	15.2	5.4	4.8	5.2	8.2	-0.032	0.000	0.000	0.000
22:15:00	17.6	15.4	27.0	13.9	5.2	4.7	5.3	9.1	-0.037	0.000	0.000	0.000
22:30:00	14.7	18.0	26.9	13.8	5.1	4.8	5.4	8.4	-0.041	0.000	0.001	0.000
22:45:00	16.5	19.9	29.9	13.9	5.1	5.1	5.8	8.1	-0.042	0.000	0.011	0.000
23:00:00	17.4	17.4	19.2	17.5	6.8	5.0	8.2	6.9	-0.042	0.000	0.004	0.000
23:15:00	26.5	16.6	20.5	13.7	15.1	5.8	6.0	6.8	-0.039	0.000	0.008	0.000
23:30:00	19.1	12.8	13.7	10.3	9.7	5.1	4.4	5.1	-0.035	0.000	0.001	0.000
23:45:00	17.1	11.2	12.9	11.6	7.7	4.6	4.4	4.6	-0.030	0.000	0.002	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. 2995 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2995 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2995 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
07:00:00	201.0				38.0							