



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-12-13

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.05000 Max : 10.18	2943 ENE	3277 SW	2996 SSE	2997 NW	Min : 38.66 Max : 85.64	Min : 41.20 Max : 86.10	Min : 30.06 Max : 30.34

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	13.6	30.8	9.5	20.9	-0.057	0.010
2996	15.1	42.3	10.7	27.2	0.002	0.016
2997	15.3	40.0	11.0	26.7	0.000	0.008
3277	16.1	97.3	12.9	82.1	0.001	0.011

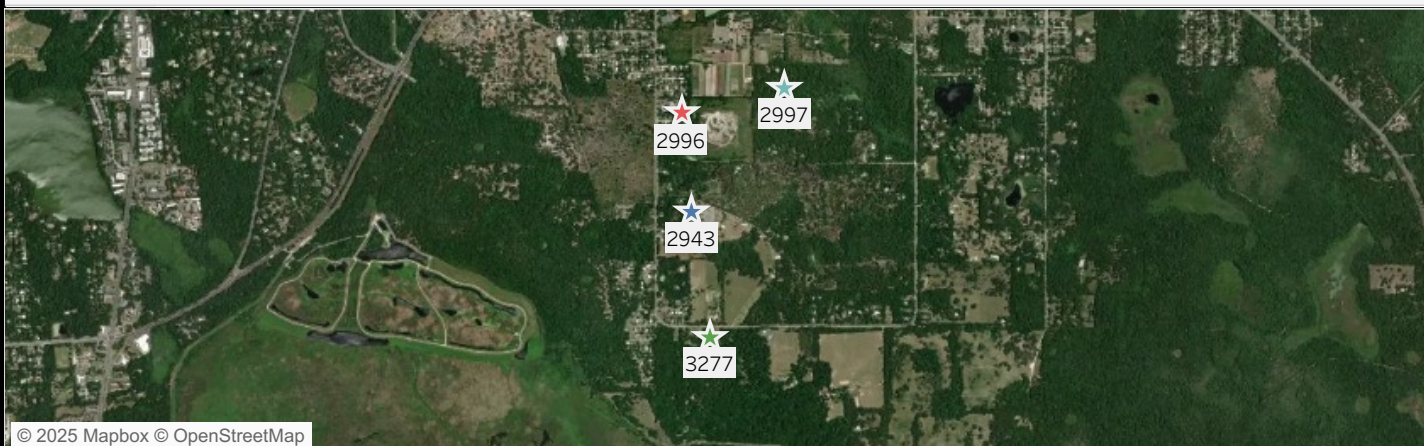


Figure 1 : Monitoring Locations

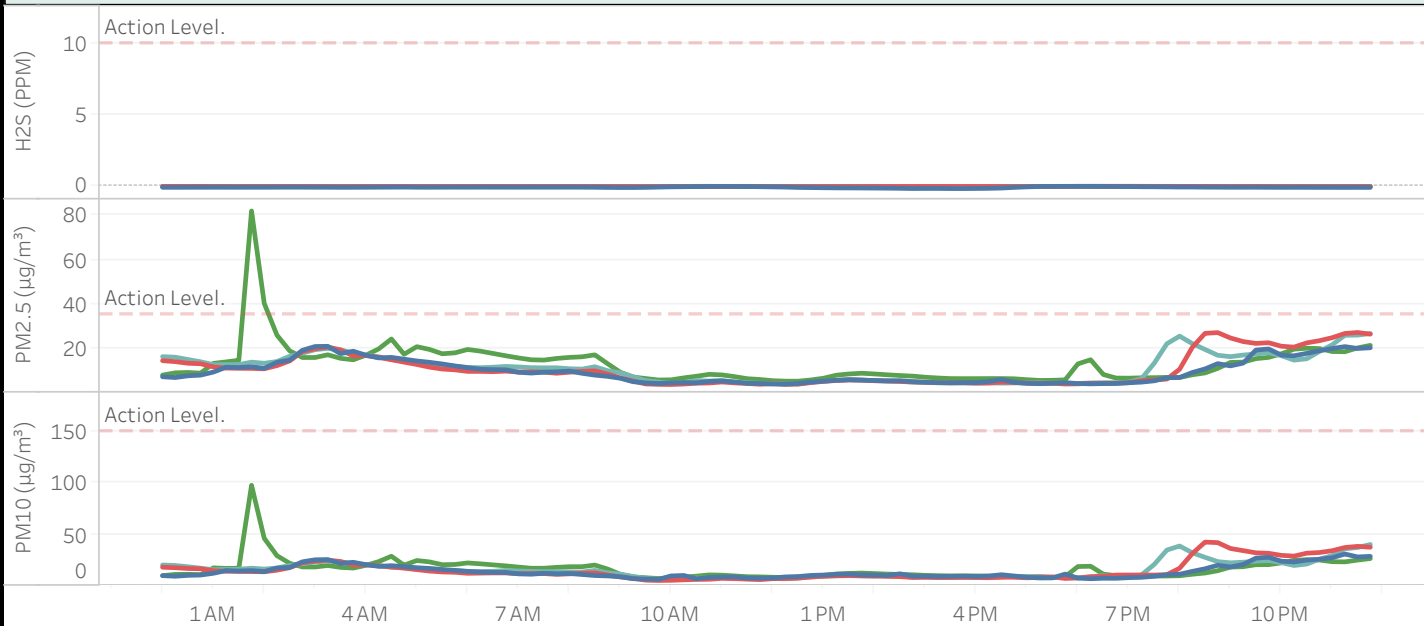


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997 3277



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Wind Rose Chart 2943

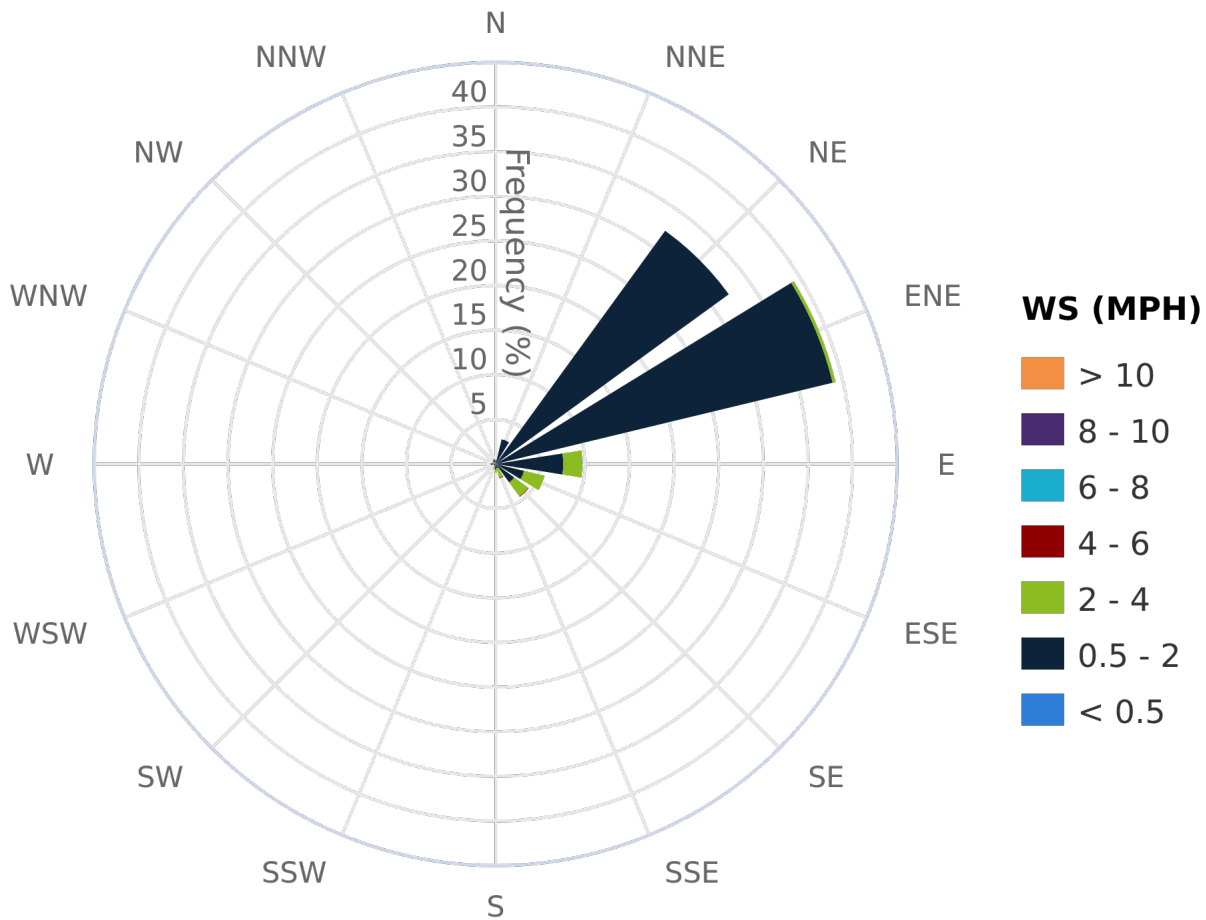


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 3277

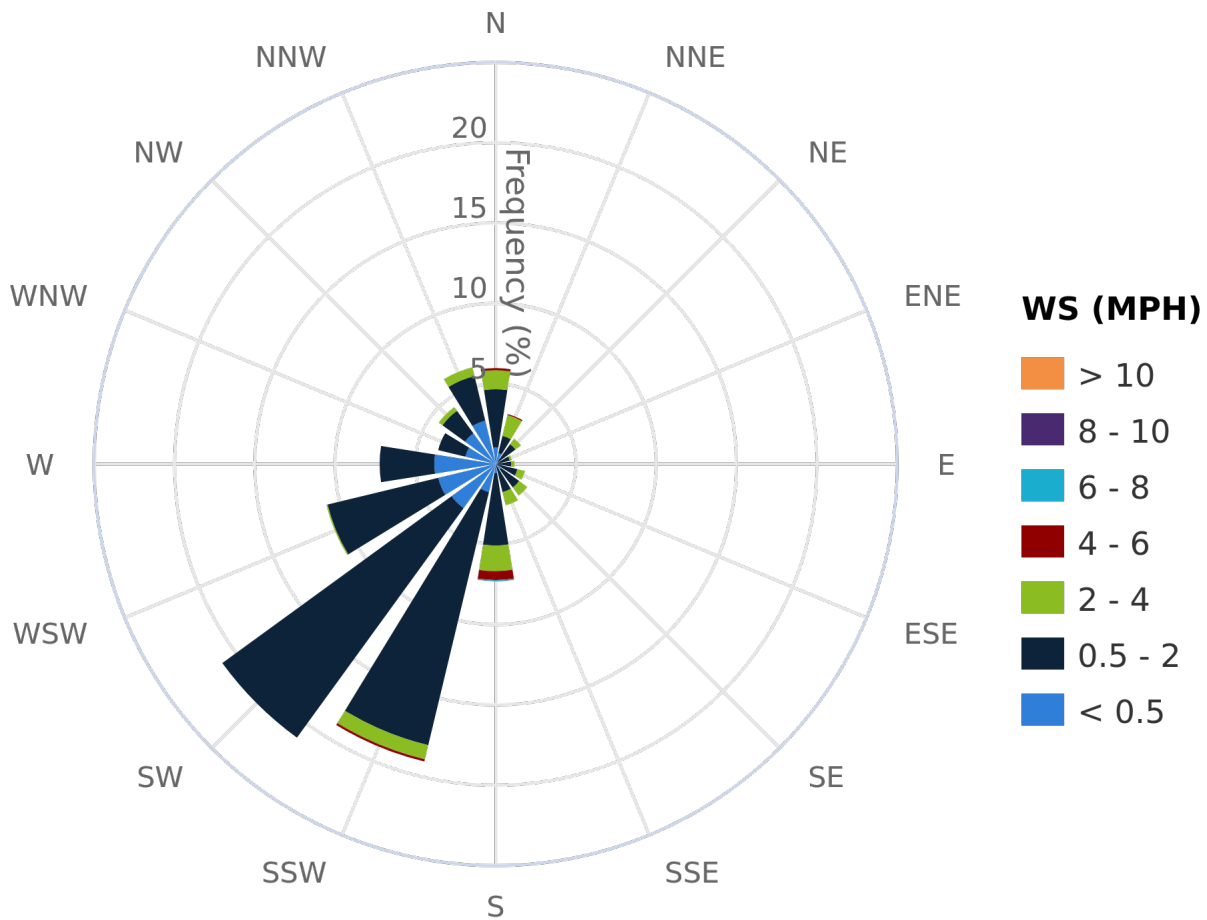


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

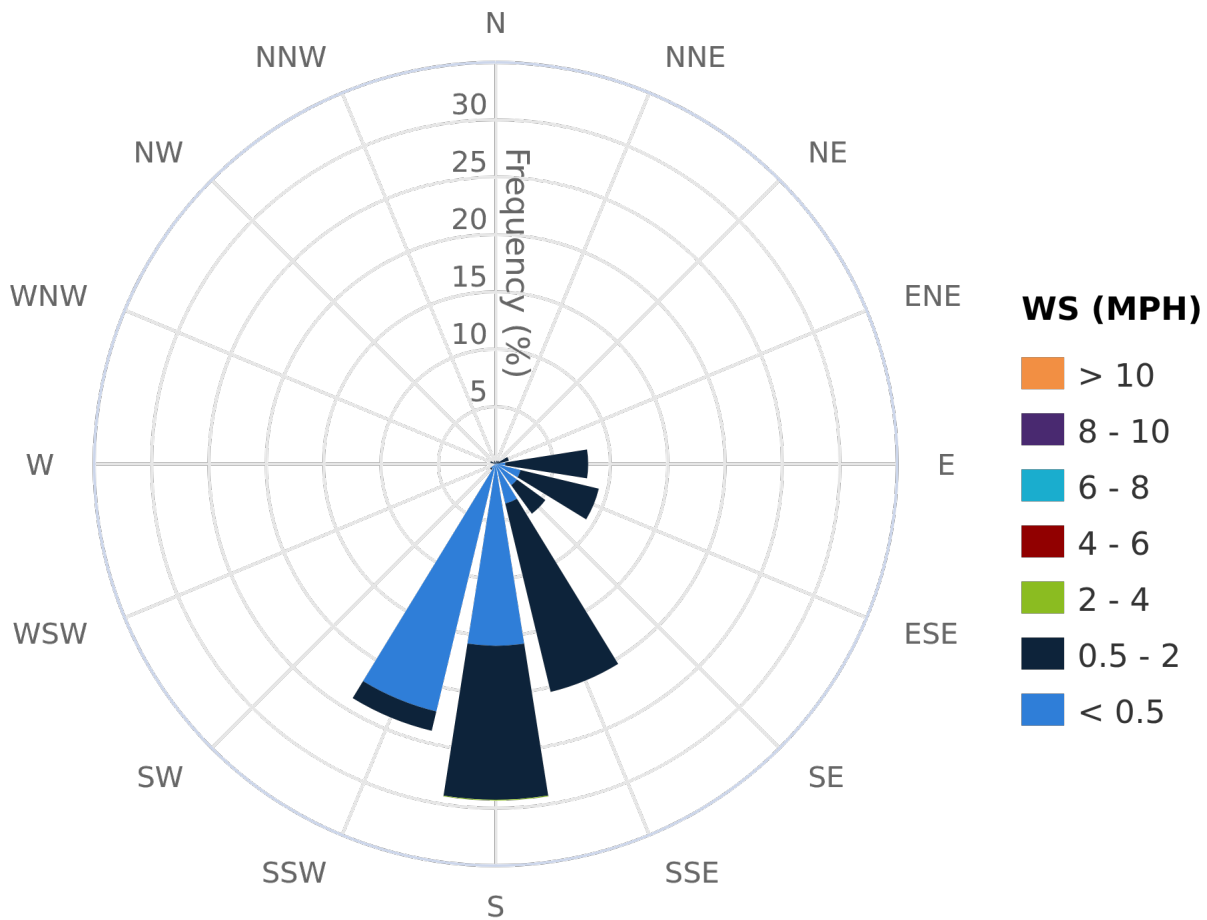


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

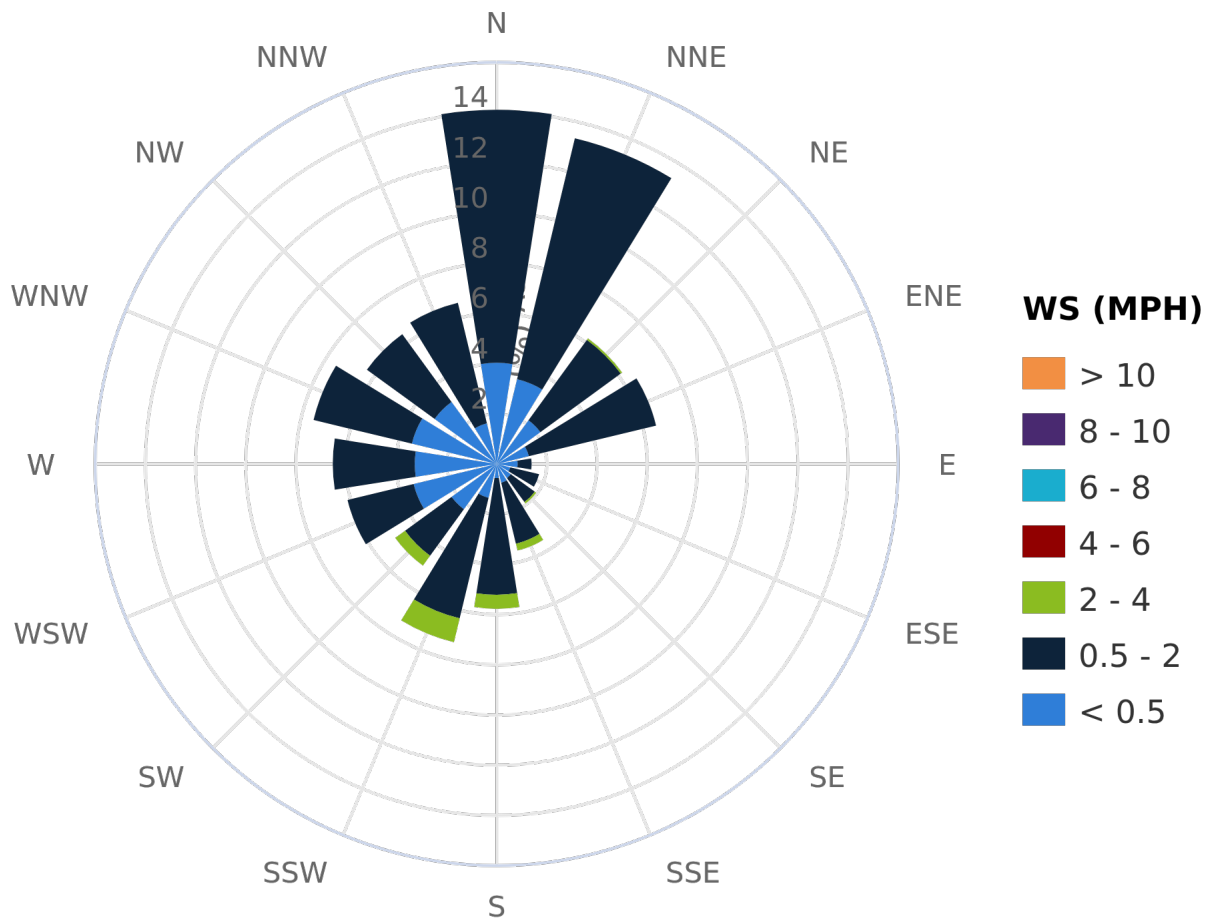


Figure 3 : Wind Rose Chart (WS in MPH)



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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	9.8	9.8	20.1	18.0	7.2	7.9	14.4	16.3	-0.060	0.000	0.007	0.000
00:15:00	9.2	11.0	19.7	17.5	6.8	9.0	14.0	16.0	-0.060	0.000	0.008	0.000
00:30:00	10.1	11.1	18.4	16.7	7.6	9.1	13.3	15.0	-0.059	0.000	0.008	0.000
00:45:00	10.4	10.7	17.0	16.4	7.9	8.8	13.0	13.9	-0.058	0.000	0.007	0.000
01:00:00	12.1	17.3	15.6	14.6	9.3	13.2	11.6	12.7	-0.058	0.000	0.004	0.000
01:15:00	14.7	16.8	15.9	14.0	11.5	13.9	11.1	12.7	-0.057	0.000	0.001	0.000
01:30:00	14.3	17.0	16.0	13.9	11.3	14.6	11.0	12.7	-0.059	0.000	0.001	0.000
01:45:00	14.7	97.3	17.0	13.7	11.7	82.1	11.0	13.8	-0.056	0.000	0.003	0.000
02:00:00	13.7	45.9	16.2	13.5	11.0	40.3	10.8	13.3	-0.057	0.000	0.003	0.000
02:15:00	17.1	29.2	17.2	15.1	13.7	26.0	12.2	14.1	-0.054	0.000	0.002	0.000
02:30:00	17.8	21.8	19.7	17.5	14.7	18.9	14.3	16.4	-0.051	0.000	0.000	0.000
02:45:00	23.2	18.2	21.3	22.2	19.1	15.9	18.5	17.8	-0.052	0.000	0.001	0.000
03:00:00	25.2	18.2	23.0	23.8	20.8	15.9	19.8	19.4	-0.055	0.000	0.002	0.000
03:15:00	25.4	19.6	23.9	24.8	20.9	17.1	20.6	20.0	-0.056	0.000	0.000	0.000
03:30:00	21.6	17.8	23.0	23.5	17.6	15.5	19.3	19.3	-0.061	0.000	0.000	0.000
03:45:00	22.8	17.2	21.5	20.1	18.7	14.8	16.6	17.8	-0.060	0.000	0.000	0.000
04:00:00	20.5	19.8	20.5	20.3	16.9	16.9	16.8	17.0	-0.056	0.000	0.000	0.000
04:15:00	18.8	23.4	19.4	19.4	15.7	19.8	15.9	16.2	-0.053	0.000	0.000	0.000
04:30:00	19.5	28.6	18.0	18.1	15.9	24.2	14.9	15.0	-0.048	0.000	0.000	0.000
04:45:00	18.5	19.9	17.4	17.1	15.1	17.3	13.8	14.1	-0.045	0.000	0.000	0.000
05:00:00	17.5	24.4	16.0	15.6	14.3	20.8	12.7	13.3	-0.053	0.000	0.000	0.000
05:15:00	16.8	23.1	15.6	14.2	13.7	19.5	11.5	12.7	-0.056	0.000	0.000	0.000
05:30:00	15.8	20.4	14.9	13.4	13.0	17.6	10.7	12.4	-0.053	0.000	0.000	0.000
05:45:00	14.9	20.6	14.7	13.1	12.1	18.0	10.3	11.9	-0.050	0.000	0.000	0.000
06:00:00	14.0	22.1	13.8	12.1	11.3	19.5	9.6	11.4	-0.053	0.000	0.000	0.000
06:15:00	13.2	21.3	13.8	12.3	10.6	18.7	9.6	11.3	-0.050	0.000	0.000	0.000
06:30:00	13.0	20.2	14.0	12.4	10.4	17.7	9.5	11.5	-0.051	0.000	0.000	0.000
06:45:00	12.8	19.3	14.8	12.4	10.3	16.7	9.7	11.9	-0.052	0.000	0.000	0.000
07:00:00	11.5	18.1	14.3	11.7	9.2	15.7	9.3	11.6	-0.054	0.000	0.000	0.000
07:15:00	11.2	17.0	14.0	11.8	8.8	14.9	9.4	11.3	-0.052	0.000	0.000	0.000
07:30:00	12.1	17.0	13.7	11.8	9.2	14.7	9.2	11.2	-0.053	0.000	0.000	0.000
07:45:00	11.7	17.8	13.7	11.0	9.4	15.5	8.8	11.2	-0.052	0.000	0.000	0.000
08:00:00	11.8	18.5	13.5	11.5	9.7	15.9	9.2	10.8	-0.051	0.000	0.000	0.000
08:15:00	10.9	18.5	13.3	12.2	8.7	16.2	9.6	10.6	-0.053	0.000	0.000	0.000
08:30:00	9.9	20.0	14.9	12.5	7.9	17.1	9.8	11.7	-0.059	0.000	0.000	0.000
08:45:00	9.5	16.3	12.6	10.5	7.4	13.1	8.4	9.9	-0.068	0.000	0.000	0.000
09:00:00	8.7	11.2	11.2	8.5	6.5	9.2	6.7	9.0	-0.074	0.000	0.000	0.000
09:15:00	6.8	8.6	9.1	7.1	4.9	7.1	5.3	7.2	-0.074	0.000	0.000	0.000
09:30:00	6.6	7.8	7.1	5.5	4.4	6.4	3.9	5.5	-0.065	0.000	0.000	0.000
09:45:00	6.2	7.0	6.4	5.1	4.1	5.7	3.7	4.8	-0.045	0.000	0.000	0.000
10:00:00	9.5	7.2	5.9	5.3	4.4	5.8	3.7	4.2	-0.026	0.002	0.000	0.000
10:15:00	10.0	8.3	6.8	5.8	4.6	6.7	3.9	4.7	-0.019	0.006	0.000	0.000
10:30:00	6.7	9.3	7.5	6.2	4.4	7.4	4.3	5.5	-0.009	0.009	0.000	0.002
10:45:00	8.1	10.5	7.5	6.3	5.1	8.3	4.4	5.2	0.000	0.011	0.000	0.003
11:00:00	8.4	10.3	8.0	7.2	5.2	8.0	4.8	5.5	0.001	0.004	0.000	0.004
11:15:00	8.6	9.5	7.1	6.9	4.9	7.2	4.4	4.7	-0.003	0.000	0.000	0.001
11:30:00	7.5	8.8	6.7	6.5	4.2	6.3	4.1	4.4	-0.004	0.000	0.000	0.002
11:45:00	7.4	8.6	6.5	6.0	4.1	5.9	3.8	4.2	-0.017	0.000	0.000	0.001



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	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	7.6	8.2	7.1	6.9	3.9	5.4	4.1	4.1	-0.031	0.000	0.000	0.000
12:15:00	8.6	8.0	6.8	7.0	3.9	5.2	3.8	3.9	-0.045	0.000	0.000	0.000
12:30:00	8.9	8.3	7.4	7.4	4.2	5.2	3.9	3.9	-0.069	0.000	0.000	0.000
12:45:00	10.0	9.1	8.4	8.6	4.8	5.7	4.5	4.7	-0.079	0.000	0.000	0.000
13:00:00	10.4	10.0	9.2	9.3	5.2	6.5	5.1	5.1	-0.089	0.000	0.000	0.000
13:15:00	11.1	11.4	9.8	9.6	5.6	7.9	5.5	5.6	-0.099	0.000	0.000	0.000
13:30:00	11.4	12.0	9.9	9.8	5.9	8.4	5.8	5.7	-0.102	0.000	0.000	0.000
13:45:00	10.5	12.3	9.7	9.6	5.7	8.8	5.6	5.6	-0.107	0.000	0.000	0.000
14:00:00	10.4	11.8	9.4	9.4	5.5	8.4	5.4	5.4	-0.113	0.000	0.000	0.000
14:15:00	10.0	11.3	10.2	9.1	5.3	8.1	5.2	5.3	-0.119	0.000	0.000	0.000
14:30:00	11.6	11.0	9.8	8.8	5.4	7.7	5.1	5.1	-0.129	0.000	0.000	0.000
14:45:00	9.4	10.7	8.1	8.1	5.0	7.5	4.8	4.7	-0.143	0.000	0.000	0.000
15:00:00	9.2	10.1	9.2	8.1	4.7	7.0	4.7	4.6	-0.139	0.000	0.000	0.000
15:15:00	9.0	9.8	8.2	8.0	4.5	6.6	4.5	4.4	-0.139	0.000	0.000	0.000
15:30:00	9.2	9.5	7.9	8.0	4.5	6.4	4.4	4.3	-0.147	0.000	0.000	0.000
15:45:00	9.4	9.5	8.4	8.1	4.5	6.3	4.4	4.4	-0.148	0.000	0.000	0.000
16:00:00	9.0	9.6	8.2	7.9	4.6	6.3	4.3	4.3	-0.140	0.000	0.000	0.000
16:15:00	9.5	9.3	8.0	7.8	5.0	6.4	4.4	4.4	-0.131	0.000	0.000	0.000
16:30:00	10.7	9.3	8.3	8.4	5.9	6.4	4.8	4.3	-0.109	0.001	0.000	0.002
16:45:00	9.5	9.0	9.1	8.2	4.7	6.3	4.6	4.4	-0.065	0.004	0.000	0.006
17:00:00	8.2	8.4	9.0	7.7	4.2	5.8	4.3	4.4	-0.028	0.002	0.000	0.008
17:15:00	7.5	8.0	9.2	8.1	4.1	5.5	4.2	4.4	-0.002	0.003	0.000	0.007
17:30:00	7.6	8.1	8.2	8.6	4.2	5.6	4.3	4.3	0.006	0.005	0.004	0.004
17:45:00	11.3	8.9	8.3	7.1	4.5	5.8	3.9	4.2	0.010	0.003	0.004	0.002
18:00:00	7.4	18.6	7.7	7.5	4.1	13.0	4.0	4.2	0.010	0.005	0.014	0.000
18:15:00	6.8	18.9	8.9	8.6	4.0	14.9	4.2	4.4	0.006	0.000	0.016	0.000
18:30:00	7.3	11.3	9.8	9.2	4.1	8.2	4.2	4.5	0.003	0.000	0.015	0.000
18:45:00	7.2	9.8	9.1	10.4	4.1	6.6	4.3	4.5	-0.003	0.000	0.014	0.000
19:00:00	7.9	9.5	8.3	10.4	4.5	6.5	4.5	4.8	-0.009	0.000	0.014	0.000
19:15:00	8.2	9.6	10.5	10.4	4.7	6.7	5.4	6.3	-0.019	0.000	0.012	0.000
19:30:00	9.2	9.5	20.6	10.4	5.3	6.8	5.8	13.3	-0.023	0.000	0.009	0.000
19:45:00	10.7	9.4	34.6	10.8	6.7	6.9	6.1	22.1	-0.031	0.000	0.009	0.000
20:00:00	11.2	9.7	38.5	17.0	6.9	6.8	10.6	25.5	-0.039	0.000	0.007	0.000
20:15:00	13.9	11.2	31.9	31.2	9.1	8.1	20.5	22.2	-0.039	0.000	0.006	0.000
20:30:00	16.5	12.4	27.5	42.3	10.7	8.9	26.8	19.5	-0.049	0.000	0.005	0.000
20:45:00	19.9	14.6	23.4	41.8	13.1	11.0	27.1	16.9	-0.051	0.000	0.004	0.000
21:00:00	18.2	18.1	22.2	36.1	12.1	13.7	24.7	16.3	-0.057	0.000	0.001	0.000
21:15:00	20.6	18.5	22.8	34.0	13.3	13.8	23.1	17.0	-0.056	0.000	0.001	0.000
21:30:00	26.8	20.4	23.9	31.9	19.2	15.4	22.2	17.5	-0.055	0.000	0.004	0.000
21:45:00	27.6	20.5	24.5	31.5	19.7	15.9	22.5	18.0	-0.060	0.000	0.001	0.000
22:00:00	23.8	22.2	22.4	29.5	17.0	17.6	21.0	16.7	-0.063	0.000	0.002	0.000
22:15:00	23.1	24.6	19.6	28.7	16.7	19.6	20.6	14.7	-0.061	0.000	0.002	0.000
22:30:00	24.8	25.2	21.0	31.6	17.7	20.1	22.5	15.3	-0.064	0.000	0.000	0.000
22:45:00	25.7	24.9	25.7	32.2	18.9	19.9	23.5	18.6	-0.066	0.000	0.000	0.000
23:00:00	27.1	23.3	29.3	34.0	19.9	18.6	24.8	21.6	-0.066	0.000	0.000	0.000
23:15:00	30.8	23.2	35.8	37.1	20.8	18.5	26.7	25.9	-0.068	0.000	0.000	0.000
23:30:00	27.9	24.9	37.1	38.2	20.0	20.2	27.2	26.0	-0.066	0.000	0.000	0.000
23:45:00	28.5	26.3	40.0	37.3	20.3	21.4	26.4	26.7	-0.067	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. 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)
01:45:00						82.1						
02:00:00						40.3						