



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-10

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1790 Max : 10.69	2943 ESE	2995 ENE	2996 E	2997 NNW	Min : 74.30 Max : 95.90	Min : 59.10 Max : 95.60	Min : 29.92 Max : 30.11

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	17.7	30.7	5.7	8.1	0.007	0.082
2995	14.5	22.0	5.2	7.6	0.014	0.085
2996	16.8	26.5	5.8	10.7	0.005	0.033
2997	22.2	56.9	6.0	8.5	0.006	0.041

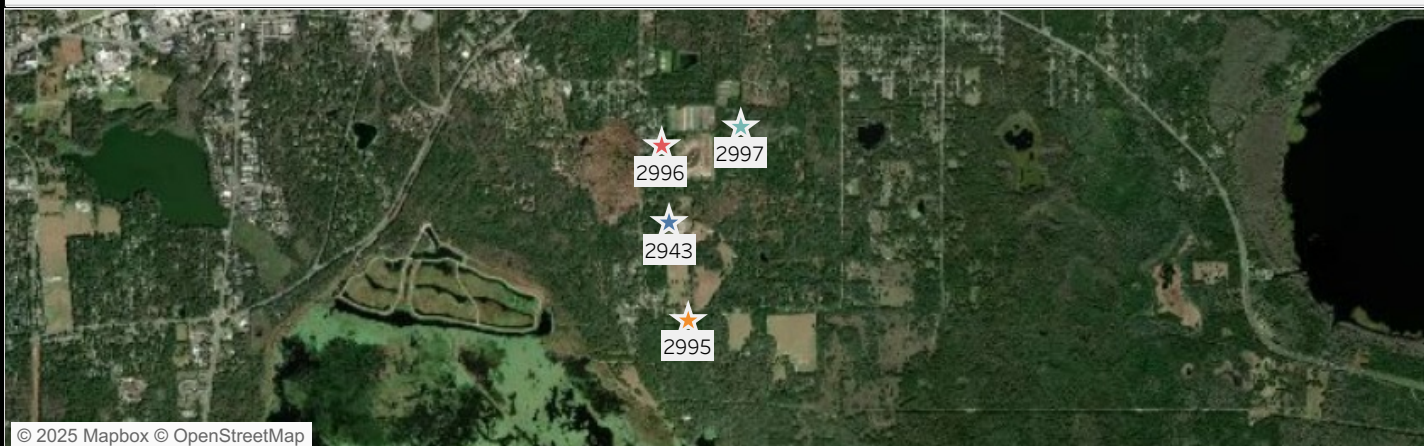
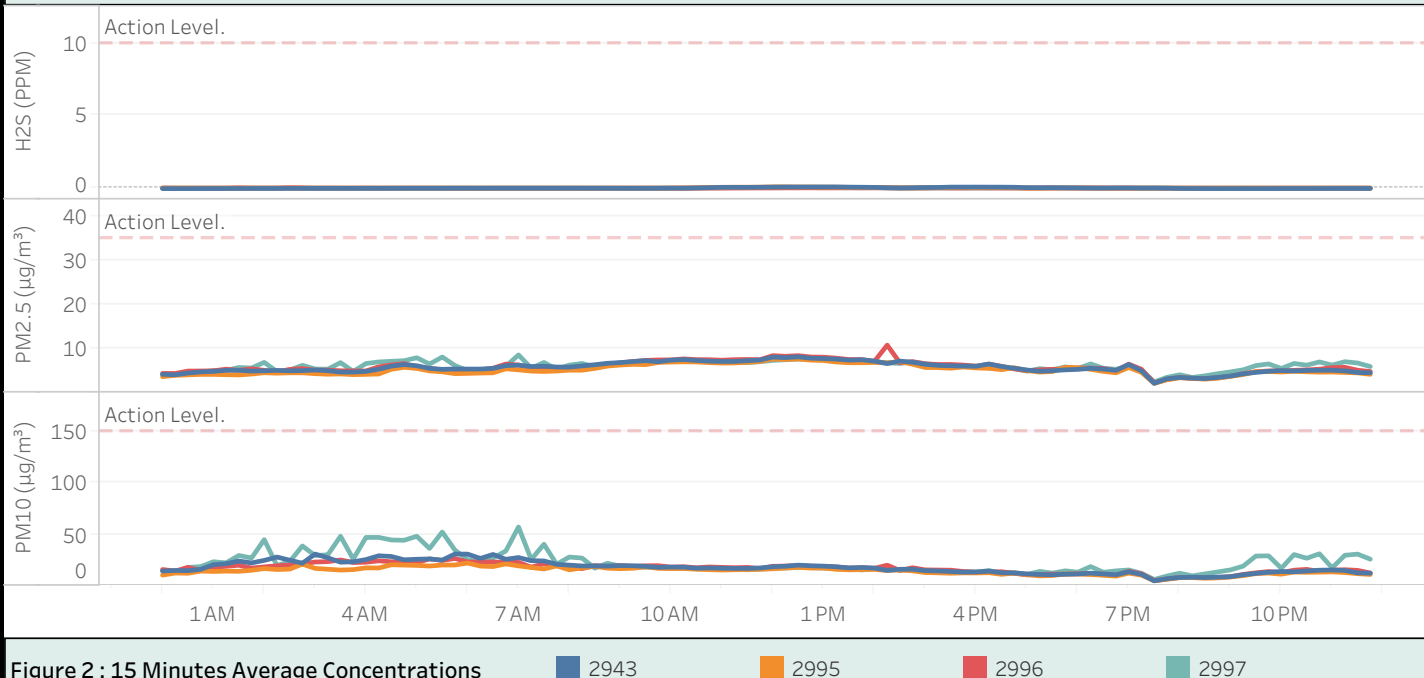


Figure 1 : Monitoring Locations





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Wind Rose Chart 2943

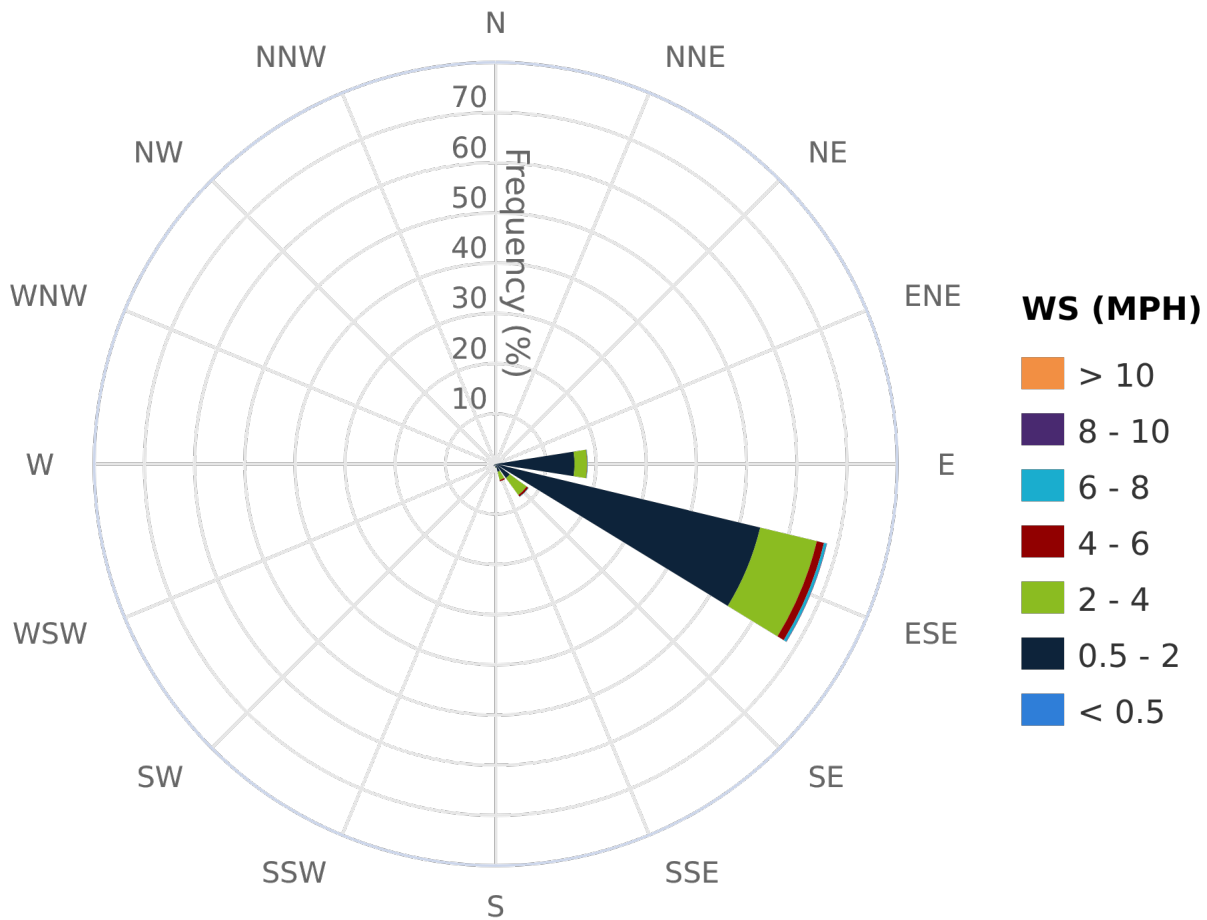


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

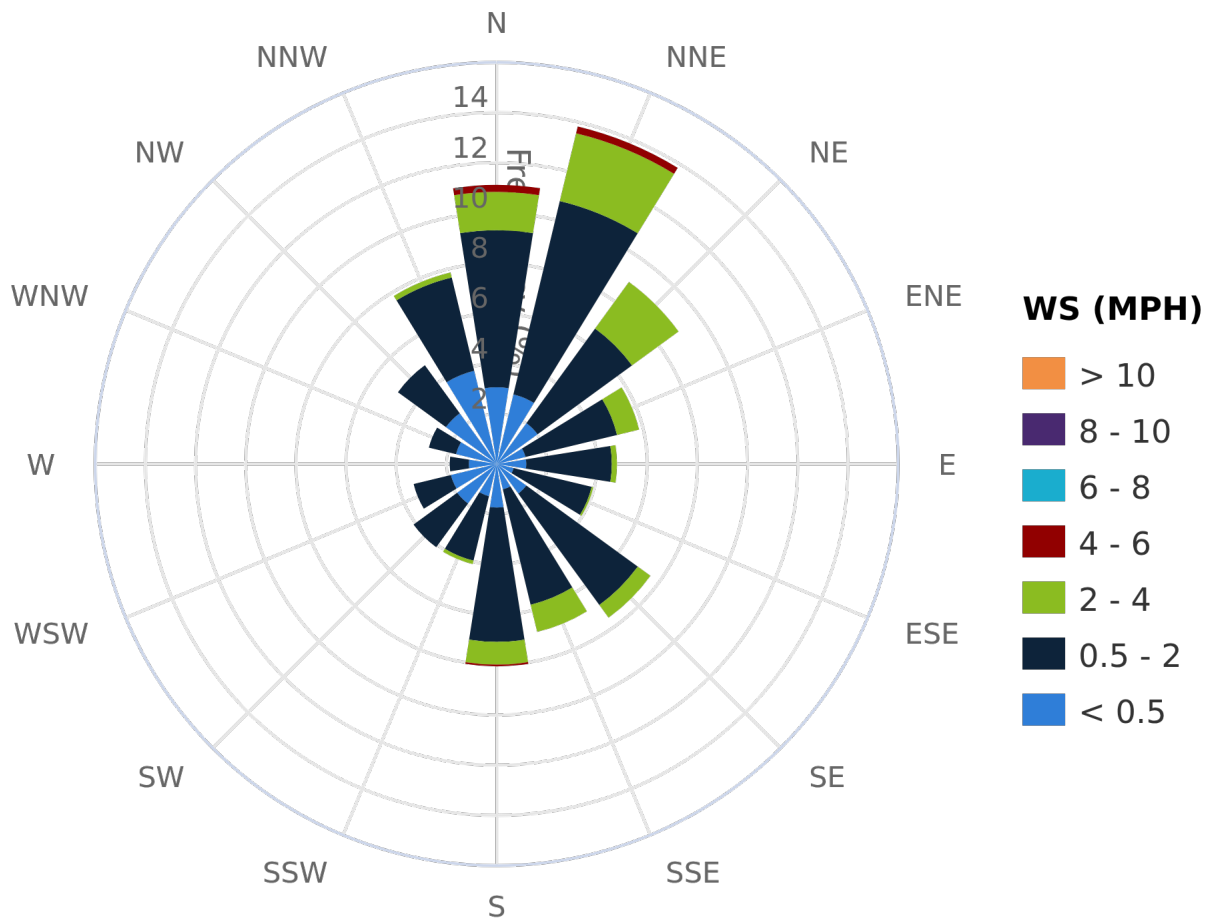


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

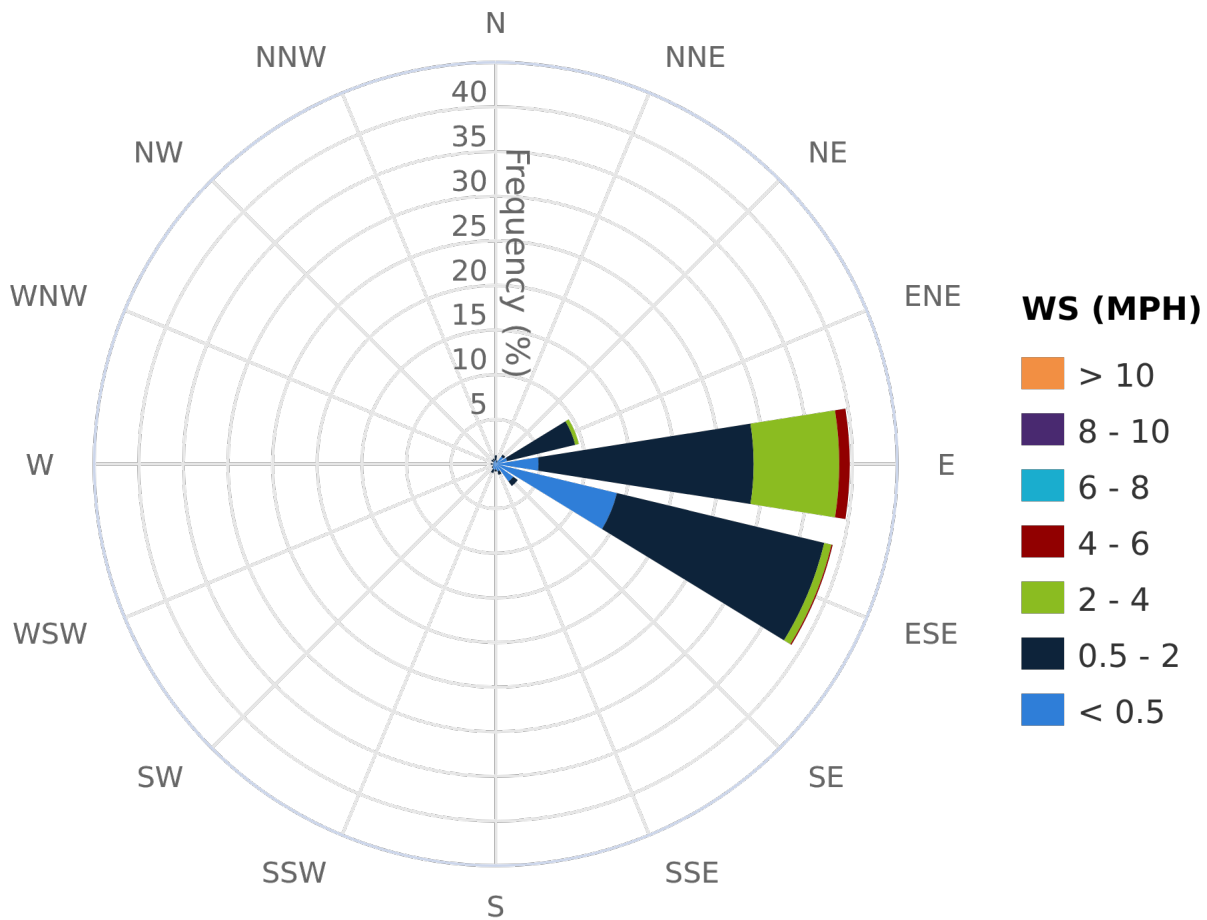


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

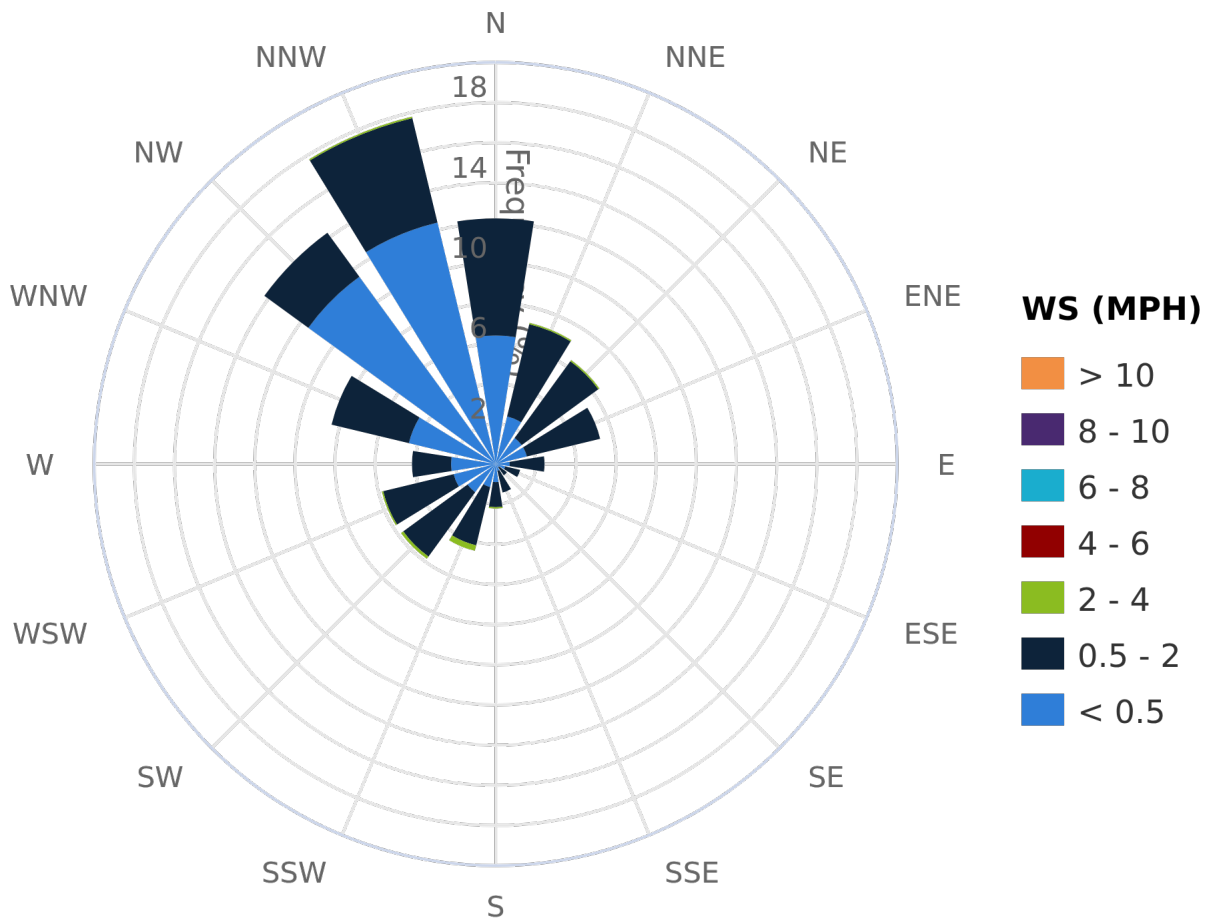


Figure 3 : Wind Rose Chart (WS in MPH)



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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	14.2	10.3	14.5	15.7	4.1	3.6	4.3	4.1	-0.032	0.000	0.007	0.000
00:15:00	14.8	12.3	13.1	14.2	4.0	3.9	4.3	4.1	-0.032	0.000	0.001	0.000
00:30:00	14.6	12.1	17.8	17.9	4.4	4.0	4.9	4.6	-0.032	0.000	0.000	0.000
00:45:00	15.9	14.2	18.5	14.6	4.7	4.1	4.9	4.6	-0.028	0.000	0.000	0.000
01:00:00	20.4	13.9	23.3	17.8	4.8	4.1	4.9	5.0	-0.029	0.000	0.000	0.000
01:15:00	21.4	14.2	22.2	18.8	5.1	4.1	5.3	5.0	-0.027	0.000	0.000	0.000
01:30:00	24.0	14.0	29.4	19.9	5.0	4.0	5.0	5.7	-0.023	0.000	0.023	0.000
01:45:00	22.1	15.0	26.9	17.1	4.9	4.2	5.4	5.6	-0.023	0.000	0.005	0.000
02:00:00	24.6	16.6	44.7	18.3	4.9	4.5	5.0	6.8	-0.021	0.000	0.004	0.000
02:15:00	27.8	15.7	19.6	19.4	5.0	4.4	4.7	4.8	-0.020	0.000	0.007	0.000
02:30:00	24.8	16.1	23.4	20.1	4.9	4.5	5.3	5.1	-0.017	0.000	0.033	0.000
02:45:00	21.8	21.0	38.6	21.3	5.0	4.5	5.4	6.2	-0.018	0.000	0.021	0.000
03:00:00	30.7	16.8	29.3	23.0	5.1	4.3	5.1	5.4	-0.017	0.000	0.001	0.000
03:15:00	27.1	16.0	30.0	23.4	5.0	4.2	5.1	5.3	-0.015	0.000	0.006	0.000
03:30:00	22.8	15.2	48.0	25.0	4.6	4.2	4.9	6.8	-0.017	0.000	0.002	0.000
03:45:00	23.2	15.6	25.9	22.5	4.6	4.1	4.9	4.8	-0.016	0.000	0.001	0.000
04:00:00	25.4	17.3	46.8	22.8	4.8	4.1	4.9	6.6	-0.016	0.000	0.007	0.000
04:15:00	29.1	17.2	46.8	24.1	5.3	4.2	5.8	6.9	-0.014	0.000	0.000	0.000
04:30:00	28.4	20.3	44.3	23.3	6.0	5.3	6.3	7.1	-0.013	0.000	0.003	0.000
04:45:00	25.2	20.0	44.1	22.9	6.4	5.7	6.6	7.2	-0.012	0.000	0.003	0.000
05:00:00	25.7	19.7	47.9	22.3	6.1	5.5	5.8	7.9	-0.011	0.000	0.002	0.000
05:15:00	26.0	19.1	36.1	26.1	5.5	4.9	5.5	6.5	-0.010	0.000	0.000	0.000
05:30:00	24.8	20.1	52.0	24.5	5.3	4.7	5.2	8.0	-0.009	0.000	0.000	0.000
05:45:00	30.7	20.1	34.5	26.5	5.3	4.3	5.1	6.1	-0.008	0.000	0.001	0.000
06:00:00	30.7	22.0	25.2	23.0	5.3	4.4	5.1	5.0	-0.008	0.000	0.000	0.000
06:15:00	26.5	19.1	23.1	23.1	5.3	4.4	5.1	4.8	-0.008	0.000	0.000	0.000
06:30:00	30.3	18.6	26.9	23.0	5.5	4.5	5.5	5.2	-0.007	0.000	0.000	0.000
06:45:00	25.6	21.2	33.6	22.8	6.1	5.4	6.5	5.9	-0.006	0.000	0.000	0.000
07:00:00	27.3	19.2	56.9	22.6	6.2	5.1	6.2	8.5	-0.007	0.000	0.000	0.000
07:15:00	24.3	17.7	25.5	18.0	5.9	4.9	5.5	5.5	-0.006	0.000	0.000	0.000
07:30:00	24.0	16.3	40.2	21.3	6.0	4.8	5.4	6.8	-0.007	0.000	0.000	0.000
07:45:00	20.8	19.2	20.9	19.6	5.8	4.9	5.4	5.3	-0.007	0.000	0.000	0.000
08:00:00	20.0	15.5	27.8	17.7	5.8	5.1	5.5	6.2	-0.006	0.000	0.000	0.000
08:15:00	19.2	17.3	26.8	16.6	6.1	5.1	5.7	6.6	-0.007	0.000	0.000	0.000
08:30:00	19.2	18.8	17.1	19.5	6.3	5.5	6.1	5.8	-0.008	0.000	0.000	0.000
08:45:00	19.1	17.0	21.8	18.6	6.6	6.0	6.3	6.6	-0.008	0.000	0.000	0.000
09:00:00	19.5	16.5	19.0	19.5	6.8	6.2	6.7	6.6	-0.011	0.000	0.000	0.000
09:15:00	19.4	17.0	18.1	18.8	7.0	6.4	7.0	6.9	-0.011	0.000	0.000	0.000
09:30:00	18.8	18.3	18.0	19.4	7.2	6.3	7.3	7.1	-0.010	0.000	0.000	0.000
09:45:00	17.8	16.8	17.7	19.4	7.0	6.8	7.4	7.2	-0.009	0.000	0.000	0.000
10:00:00	18.1	16.7	17.2	18.0	7.4	6.9	7.4	7.3	-0.001	0.003	0.000	0.000
10:15:00	18.0	16.7	16.9	18.4	7.5	7.0	7.6	7.1	-0.002	0.014	0.000	0.001
10:30:00	17.0	16.0	16.4	17.4	7.3	6.9	7.5	7.0	0.012	0.023	0.000	0.010
10:45:00	17.3	15.6	16.7	18.2	7.1	6.8	7.4	7.1	0.030	0.049	0.000	0.022
11:00:00	17.0	15.2	16.0	17.8	7.0	6.7	7.3	6.9	0.056	0.055	0.001	0.025
11:15:00	16.8	15.5	16.2	17.5	7.1	6.7	7.5	6.8	0.054	0.064	0.003	0.034
11:30:00	16.8	15.7	15.5	17.8	7.2	6.9	7.5	6.8	0.053	0.063	0.007	0.037
11:45:00	17.3	16.0	16.1	16.6	7.4	7.1	7.5	7.0	0.061	0.068	0.009	0.035



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	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	18.4	16.5	16.8	18.9	8.0	7.6	8.4	7.3	0.073	0.085	0.011	0.038
12:15:00	18.9	17.2	17.2	19.1	7.9	7.5	8.2	7.4	0.080	0.085	0.016	0.035
12:30:00	20.0	17.8	17.7	19.7	8.1	7.6	8.4	7.6	0.078	0.077	0.016	0.041
12:45:00	19.3	17.1	17.6	18.9	7.8	7.4	8.1	7.5	0.080	0.074	0.020	0.040
13:00:00	19.0	17.2	17.1	18.7	7.7	7.3	8.0	7.5	0.082	0.068	0.014	0.031
13:15:00	18.4	15.9	16.9	18.2	7.6	6.9	7.8	7.3	0.082	0.064	0.017	0.030
13:30:00	17.3	15.4	16.4	17.1	7.3	6.8	7.5	7.0	0.070	0.054	0.018	0.028
13:45:00	17.7	15.7	15.3	17.4	7.4	6.8	7.5	6.9	0.062	0.045	0.013	0.027
14:00:00	17.2	15.8	16.5	16.9	7.1	6.8	7.1	7.0	0.052	0.047	0.019	0.029
14:15:00	14.9	14.7	16.1	19.9	6.6	6.7	10.7	6.8	0.025	0.028	0.017	0.019
14:30:00	16.0	15.4	15.1	14.9	7.1	7.0	6.7	6.6	0.010	0.019	0.011	0.005
14:45:00	16.0	14.4	15.4	17.5	6.9	6.4	7.0	7.0	0.024	0.012	0.013	0.000
15:00:00	14.7	12.8	14.4	15.4	6.4	5.7	6.5	6.5	0.042	0.028	0.008	0.002
15:15:00	14.4	12.5	13.5	15.2	6.2	5.7	6.4	6.2	0.048	0.036	0.014	0.013
15:30:00	13.8	12.1	12.7	15.1	6.1	5.5	6.4	5.9	0.070	0.034	0.007	0.011
15:45:00	13.2	12.5	13.4	13.8	6.0	5.8	6.2	6.0	0.071	0.042	0.004	0.012
16:00:00	13.4	12.4	13.2	13.1	6.0	5.6	6.0	5.8	0.073	0.040	0.015	0.005
16:15:00	14.1	12.7	14.8	13.4	6.5	5.5	6.4	6.2	0.069	0.032	0.010	0.006
16:30:00	12.6	11.1	11.9	13.6	5.9	5.2	5.9	5.5	0.067	0.034	0.005	0.014
16:45:00	12.4	12.3	12.8	12.1	5.5	5.6	5.4	5.5	0.060	0.028	0.005	0.014
17:00:00	11.5	10.7	11.1	10.5	5.1	5.0	4.9	4.9	0.032	0.000	0.001	0.008
17:15:00	10.9	9.6	13.9	10.9	4.8	4.6	5.1	5.4	0.029	0.001	0.006	0.002
17:30:00	10.6	10.0	12.2	11.3	5.0	4.8	5.3	5.2	0.032	0.014	0.009	0.002
17:45:00	11.2	11.4	14.5	11.2	5.1	5.7	5.3	5.8	0.026	0.017	0.007	0.004
18:00:00	11.5	11.4	13.1	11.6	5.3	5.6	5.6	5.4	0.019	0.013	0.006	0.001
18:15:00	12.2	10.9	18.6	11.6	5.5	5.3	5.5	6.5	0.009	0.009	0.007	0.000
18:30:00	11.4	10.2	13.1	11.3	5.3	4.8	5.5	5.5	0.005	0.000	0.007	0.000
18:45:00	10.7	9.3	14.4	10.2	5.0	4.5	4.9	5.3	0.012	0.002	0.002	0.000
19:00:00	13.5	12.3	15.3	13.9	6.4	5.7	6.4	6.0	0.012	0.002	0.002	0.008
19:15:00	11.0	10.3	12.1	11.6	5.0	4.6	5.3	5.0	0.001	0.000	0.000	0.005
19:30:00	4.8	4.8	6.1	5.0	2.1	2.1	2.2	2.4	0.003	0.001	0.000	0.010
19:45:00	6.9	6.3	9.4	6.6	3.1	2.9	3.0	3.5	-0.005	0.000	0.000	0.008
20:00:00	8.0	7.8	12.1	8.1	3.4	3.4	3.4	4.0	-0.021	0.000	0.000	0.001
20:15:00	8.2	7.9	9.6	8.1	3.3	3.2	3.3	3.4	-0.027	0.000	0.000	0.000
20:30:00	8.0	7.3	11.5	8.1	3.2	3.1	3.2	3.8	-0.028	0.000	0.000	0.000
20:45:00	8.4	7.6	13.4	8.0	3.4	3.3	3.4	4.3	-0.031	0.000	0.000	0.000
21:00:00	8.8	8.5	15.4	8.8	3.8	3.7	3.7	4.7	-0.030	0.000	0.000	0.000
21:15:00	10.6	9.8	19.0	11.0	4.3	4.1	4.3	5.2	-0.029	0.000	0.000	0.000
21:30:00	12.0	11.8	28.8	12.5	4.6	4.7	4.7	6.1	-0.030	0.000	0.000	0.000
21:45:00	13.1	12.3	29.0	13.8	4.8	4.8	4.9	6.5	-0.030	0.000	0.000	0.000
22:00:00	13.8	11.2	16.9	12.7	5.0	4.7	4.9	5.5	-0.027	0.000	0.000	0.000
22:15:00	13.5	13.3	30.2	15.1	4.9	4.8	5.0	6.6	-0.026	0.000	0.000	0.000
22:30:00	14.3	13.0	26.6	15.9	5.0	4.7	5.1	6.2	-0.027	0.000	0.000	0.000
22:45:00	15.1	13.2	31.0	13.8	5.1	4.6	5.3	6.9	-0.025	0.000	0.000	0.000
23:00:00	15.3	13.5	17.4	15.1	5.1	4.7	5.7	6.2	-0.024	0.000	0.000	0.000
23:15:00	14.8	12.8	29.6	15.5	4.9	4.6	5.7	7.0	-0.021	0.000	0.000	0.000
23:30:00	12.5	11.7	30.7	14.9	4.6	4.5	5.1	6.7	-0.022	0.000	0.000	0.000
23:45:00	12.2	11.0	25.7	12.3	4.5	4.1	4.8	5.9	-0.021	0.000	0.000	0.000



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Table 4 : Summary of Exceedances (greater than Action Level) - *None*