



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-23

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.04500 Max : 11.03	2943 SE	2995 SE	2996 NE	2997 WNW	Min : 73.40 Max : 90.14	Min : 71.50 Max : 95.90	Min : 29.83 Max : 30.09

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	13.5	32.6	3.3	5.1	0.003	0.065
2995	13.2	31.8	3.0	9.2	0.010	0.056
2996	10.3	19.3	3.3	5.7	0.003	0.020
2997	14.0	32.4	3.5	5.0	0.006	0.037

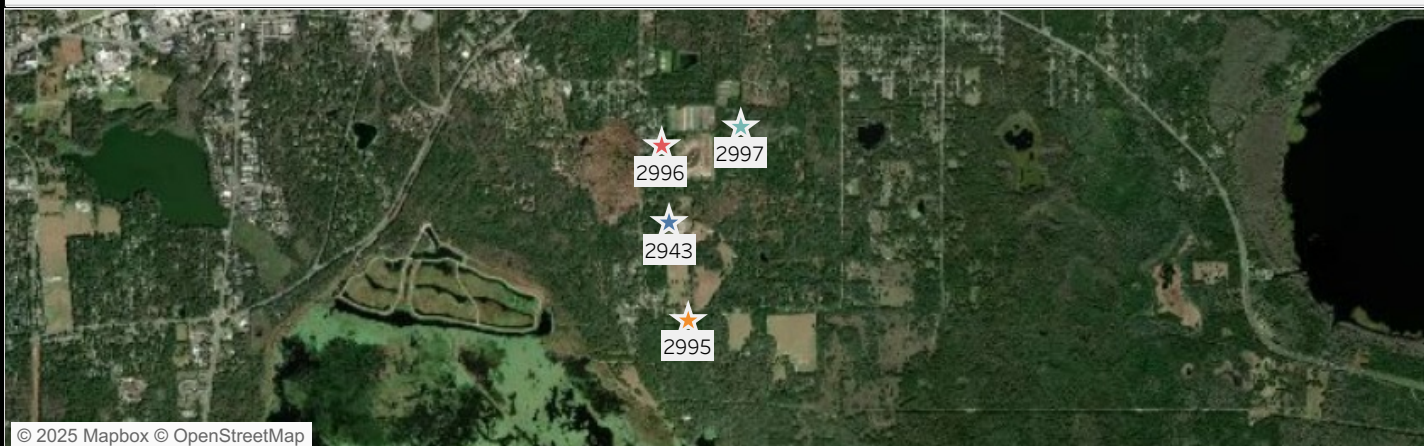


Figure 1 : Monitoring Locations

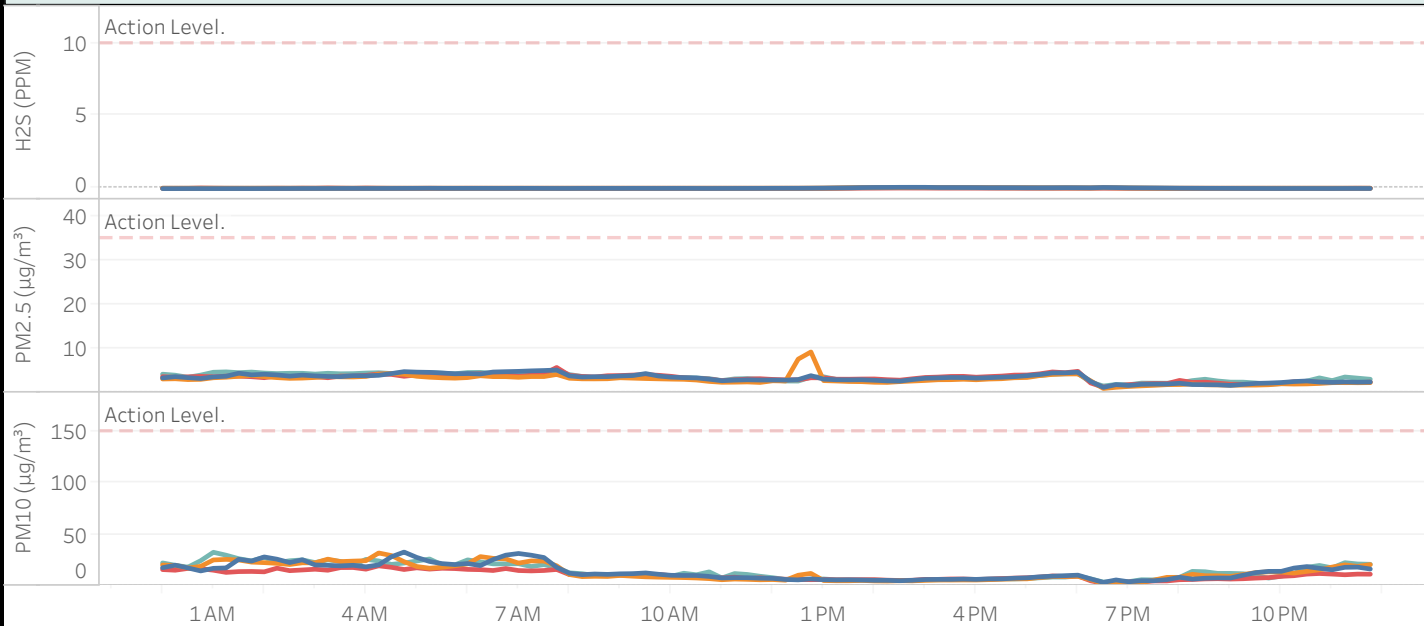


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2995 ■ 2996 ■ 2997



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Wind Rose Chart 2943

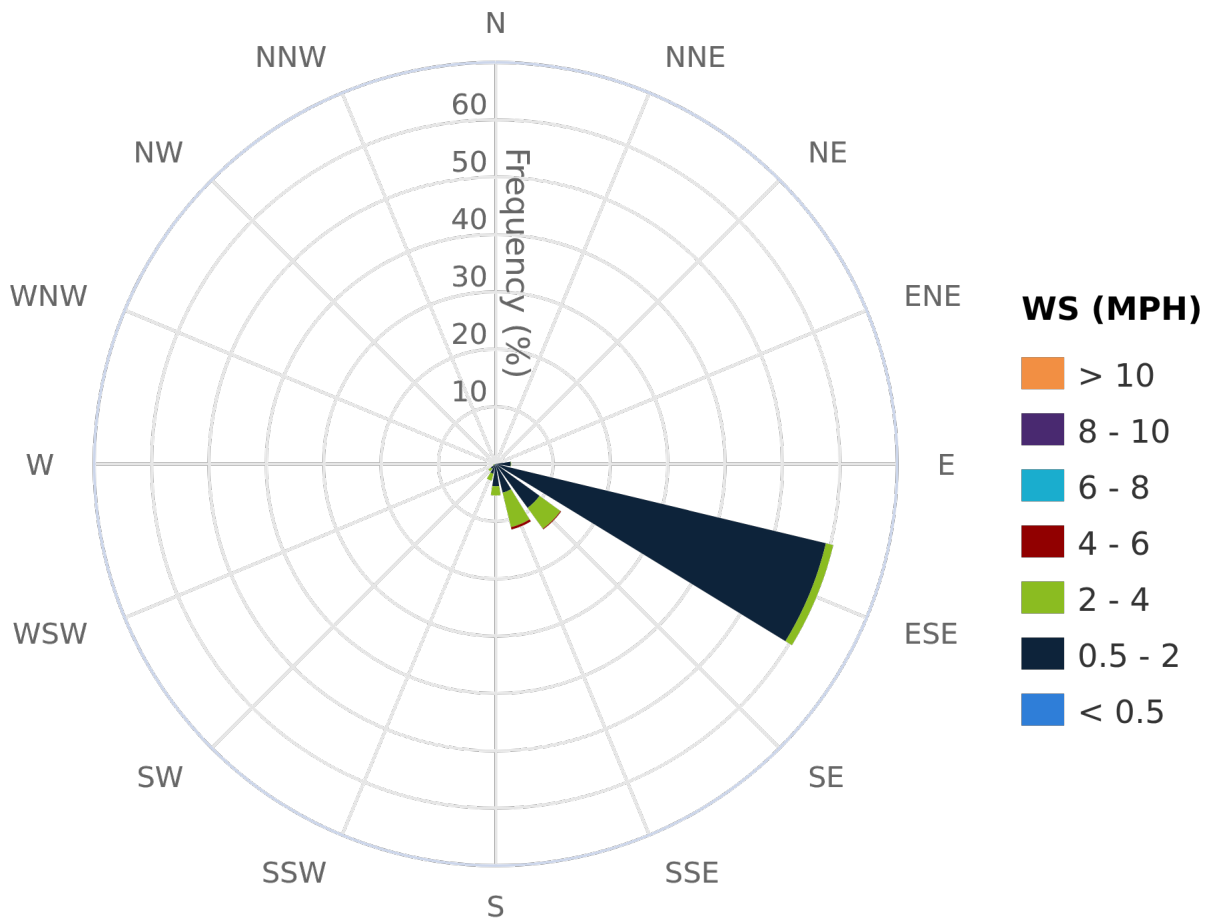


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

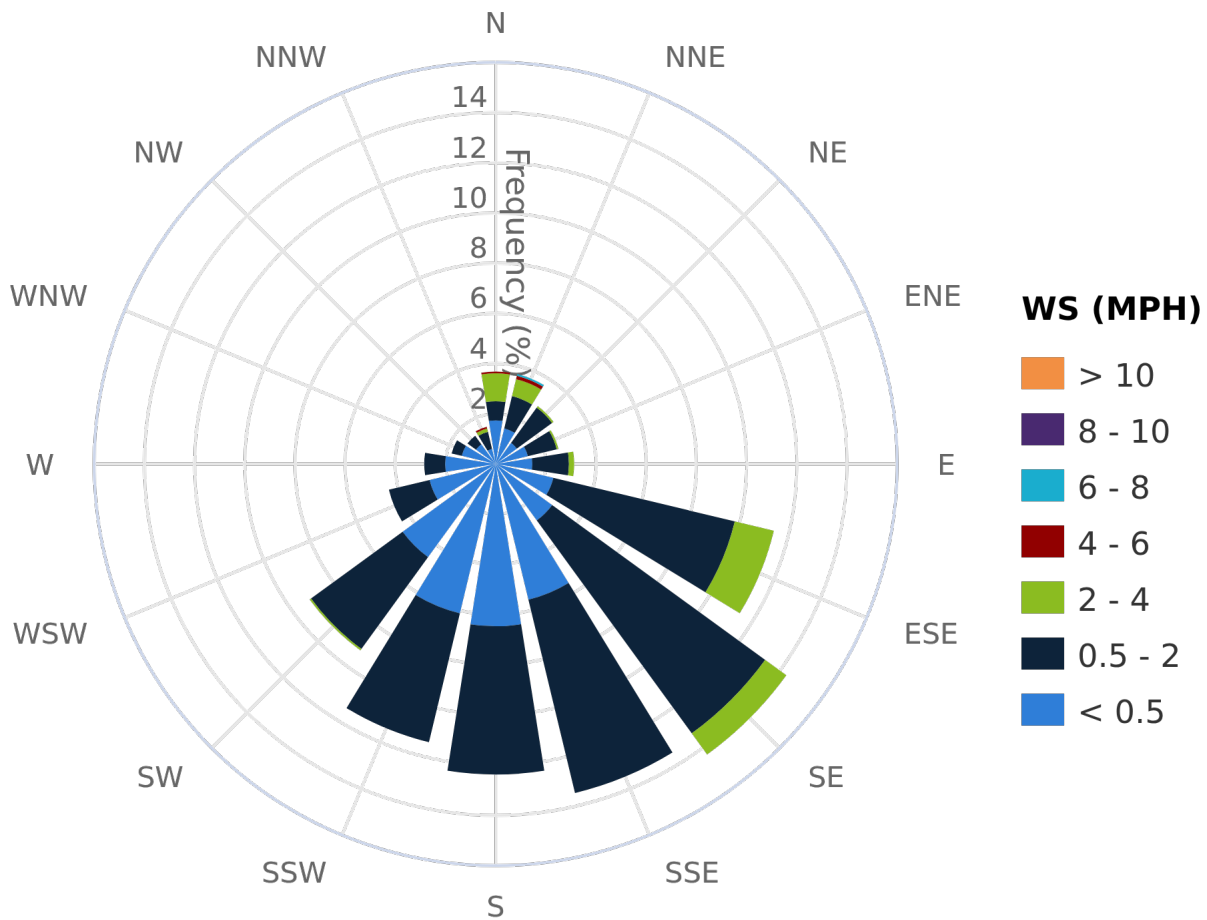


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

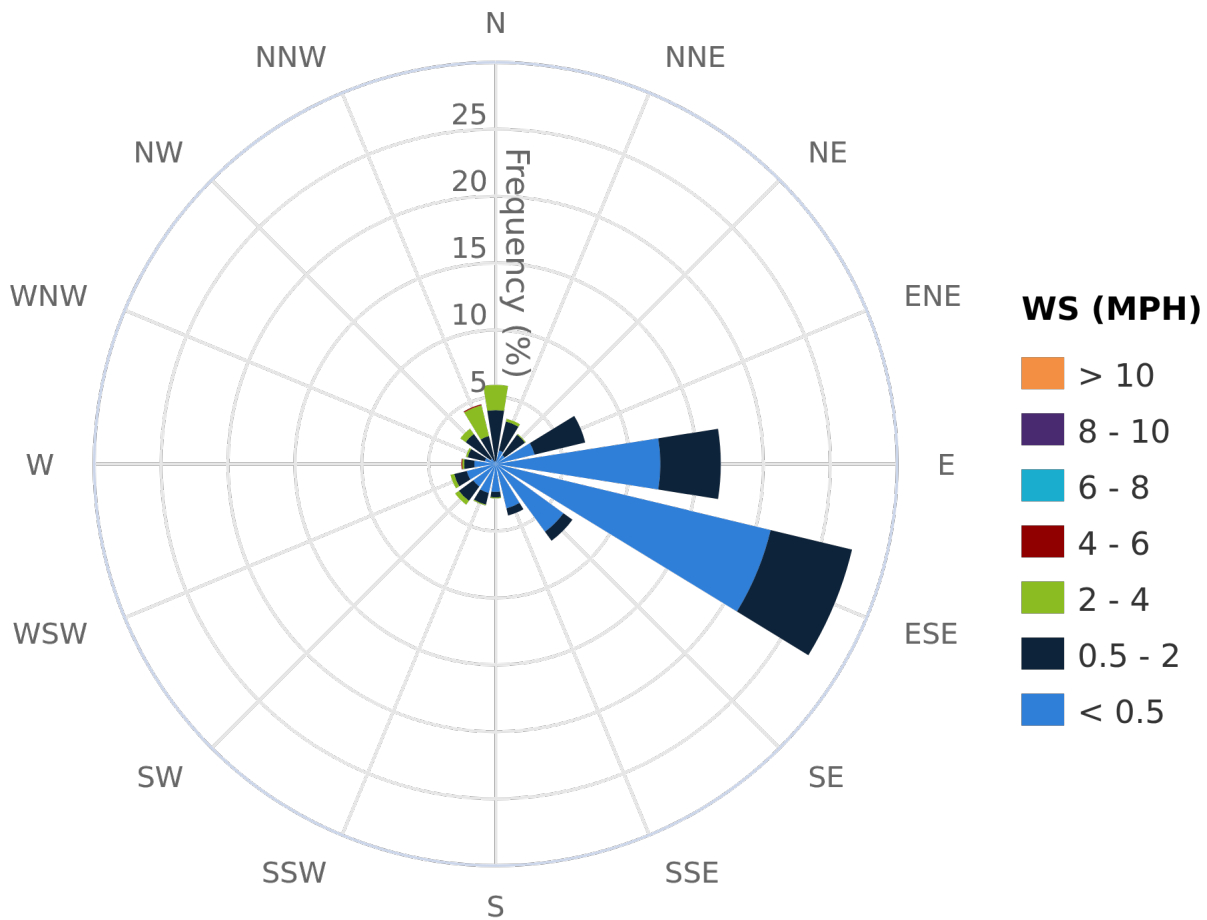


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

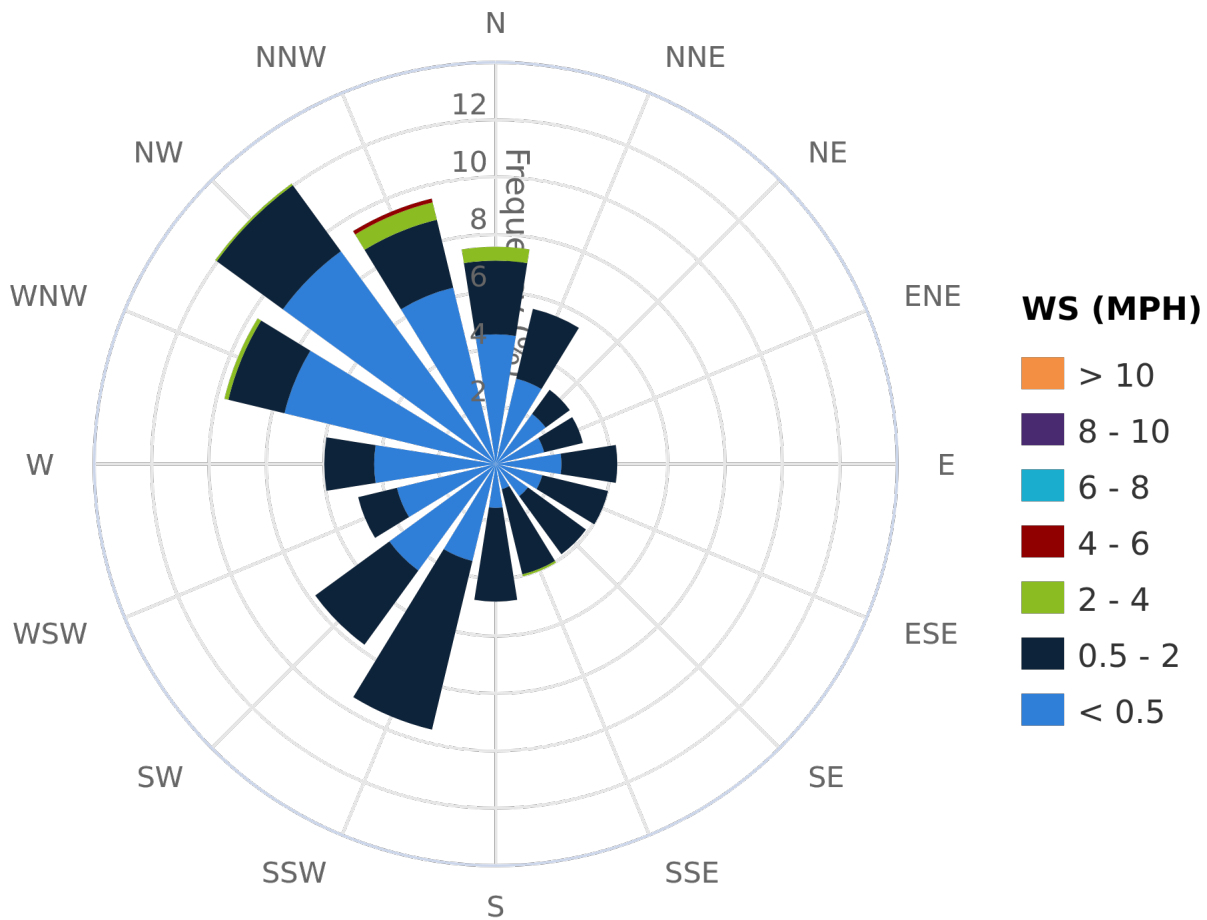


Figure 3 : Wind Rose Chart (WS in MPH)



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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	17.5	20.1	22.1	15.7	3.3	3.1	3.6	4.2	-0.024	0.000	0.000	0.000
00:15:00	19.9	19.7	19.8	15.1	3.6	3.1	3.5	3.9	-0.024	0.000	0.000	0.000
00:30:00	17.3	17.1	18.1	16.8	3.4	2.9	3.6	3.5	-0.021	0.000	0.000	0.000
00:45:00	14.4	18.8	24.3	16.5	3.2	3.0	3.7	4.0	-0.022	0.000	0.017	0.000
01:00:00	16.9	25.0	32.4	15.1	3.6	3.4	3.6	4.6	-0.023	0.000	0.008	0.000
01:15:00	17.3	25.5	29.6	13.0	3.7	3.5	3.7	4.7	-0.022	0.000	0.001	0.000
01:30:00	25.7	25.0	26.2	13.7	4.4	3.7	3.7	4.5	-0.021	0.000	0.000	0.000
01:45:00	23.9	22.9	24.1	13.9	4.0	3.9	3.6	4.7	-0.022	0.000	0.000	0.000
02:00:00	27.9	22.4	27.5	13.5	4.2	3.6	3.4	4.4	-0.020	0.000	0.002	0.000
02:15:00	25.7	21.7	22.4	17.0	4.0	3.4	3.8	4.3	-0.020	0.000	0.006	0.000
02:30:00	22.5	20.6	24.2	14.6	3.7	3.2	3.5	4.4	-0.017	0.000	0.002	0.000
02:45:00	25.2	22.2	25.1	15.3	4.0	3.3	3.5	4.4	-0.016	0.000	0.009	0.000
03:00:00	20.2	22.2	22.5	16.0	3.8	3.4	3.6	4.2	-0.014	0.000	0.005	0.000
03:15:00	19.8	25.8	25.1	15.0	3.7	3.6	3.4	4.4	-0.014	0.000	0.020	0.000
03:30:00	19.3	23.4	23.6	17.6	3.6	3.6	3.7	4.3	-0.013	0.000	0.009	0.000
03:45:00	19.8	23.9	19.9	17.7	3.8	3.5	3.7	4.3	-0.012	0.000	0.001	0.000
04:00:00	18.4	24.3	25.6	16.1	3.8	3.7	3.9	4.4	-0.013	0.000	0.016	0.000
04:15:00	20.2	31.8	24.0	19.3	3.9	4.2	4.2	4.5	-0.013	0.000	0.006	0.000
04:30:00	28.1	29.3	20.7	17.9	4.3	4.3	4.1	4.3	-0.011	0.000	0.000	0.000
04:45:00	32.6	23.3	22.0	15.7	4.7	4.2	3.7	4.5	-0.009	0.000	0.000	0.000
05:00:00	27.4	18.6	24.0	17.4	4.6	3.7	4.0	4.4	-0.007	0.000	0.000	0.000
05:15:00	23.5	17.0	25.9	16.1	4.6	3.5	4.0	4.6	-0.003	0.000	0.002	0.000
05:30:00	21.4	17.9	20.2	17.0	4.4	3.4	4.0	4.4	-0.007	0.000	0.000	0.000
05:45:00	20.5	19.3	20.3	16.6	4.3	3.3	4.1	4.3	-0.008	0.000	0.000	0.000
06:00:00	21.5	21.2	25.1	15.9	4.3	3.4	4.2	4.6	-0.007	0.000	0.002	0.000
06:15:00	19.6	28.2	23.2	15.6	4.2	3.8	4.3	4.6	-0.007	0.000	0.001	0.000
06:30:00	25.4	26.6	21.2	14.8	4.7	3.6	3.8	4.4	-0.009	0.000	0.000	0.000
06:45:00	29.7	26.0	21.2	16.7	4.7	3.6	4.0	4.5	-0.009	0.000	0.000	0.000
07:00:00	31.3	22.0	21.4	14.8	4.8	3.5	3.7	4.5	-0.007	0.000	0.000	0.000
07:15:00	29.6	24.1	18.6	14.4	4.9	3.6	3.9	4.2	-0.008	0.000	0.000	0.000
07:30:00	27.4	23.9	20.5	14.8	5.0	3.6	4.3	4.3	-0.011	0.000	0.000	0.000
07:45:00	17.9	19.3	17.6	15.8	5.1	4.1	5.7	5.0	-0.012	0.000	0.000	0.000
08:00:00	12.1	10.9	12.5	10.9	3.8	3.3	3.9	4.1	-0.012	0.000	0.000	0.000
08:15:00	10.8	8.9	11.7	10.9	3.5	3.1	3.7	3.7	-0.009	0.000	0.000	0.000
08:30:00	11.4	9.2	10.0	9.9	3.6	3.1	3.5	3.4	-0.009	0.000	0.000	0.000
08:45:00	11.0	9.0	10.9	10.8	3.6	3.1	3.8	3.5	-0.009	0.000	0.000	0.000
09:00:00	11.6	10.0	10.4	10.4	3.8	3.4	3.9	3.7	-0.011	0.000	0.000	0.000
09:15:00	11.7	9.3	11.2	10.4	3.9	3.3	4.0	3.8	-0.009	0.000	0.000	0.000
09:30:00	12.4	8.7	11.1	10.8	4.3	3.2	4.1	3.9	-0.010	0.000	0.000	0.000
09:45:00	11.2	8.3	10.3	11.0	3.8	3.1	3.9	3.8	-0.011	0.000	0.000	0.000
10:00:00	10.1	8.1	9.2	9.8	3.5	3.1	3.7	3.5	-0.009	0.000	0.000	0.000
10:15:00	10.0	7.9	12.1	8.6	3.4	3.0	3.3	3.4	-0.009	0.000	0.000	0.000
10:30:00	9.9	7.5	10.7	8.4	3.3	2.9	3.2	3.3	-0.012	0.000	0.000	0.000
10:45:00	9.0	6.9	13.5	8.1	3.0	2.5	3.1	3.2	-0.014	0.000	0.000	0.000
11:00:00	7.6	5.9	7.6	7.5	2.7	2.3	2.7	2.7	-0.012	0.000	0.000	0.000
11:15:00	7.9	6.5	11.8	8.3	2.8	2.4	2.9	3.1	-0.011	0.000	0.000	0.000
11:30:00	7.8	6.2	10.9	6.8	2.9	2.4	3.1	3.2	-0.010	0.000	0.000	0.000
11:45:00	7.4	5.8	9.2	7.7	2.8	2.3	3.1	3.0	-0.008	0.000	0.000	0.000



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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	7.1	6.0	7.8	6.7	2.9	2.7	3.0	2.8	-0.005	0.001	0.000	0.000
12:15:00	6.1	5.4	6.1	6.4	2.8	2.6	2.9	2.6	-0.004	0.001	0.000	0.000
12:30:00	5.7	10.2	6.0	6.2	3.0	7.6	2.9	2.6	-0.003	0.001	0.000	0.000
12:45:00	6.7	12.0	6.1	5.9	3.8	9.2	3.4	3.5	0.001	0.005	0.000	0.002
13:00:00	5.8	5.1	6.6	6.0	3.0	2.7	3.3	3.6	0.009	0.010	0.000	0.000
13:15:00	5.6	4.8	5.8	5.8	2.9	2.6	3.0	3.0	0.021	0.023	0.000	0.004
13:30:00	5.7	4.9	5.8	5.8	2.9	2.5	3.0	2.9	0.030	0.035	0.003	0.014
13:45:00	5.5	5.2	5.5	5.9	2.9	2.5	3.1	2.9	0.046	0.042	0.009	0.027
14:00:00	5.2	4.7	5.6	5.9	2.8	2.3	3.1	2.8	0.055	0.042	0.010	0.030
14:15:00	5.2	4.6	5.2	5.4	2.7	2.3	2.9	2.8	0.057	0.049	0.012	0.036
14:30:00	4.9	4.9	5.0	5.1	2.6	2.5	2.8	2.7	0.064	0.049	0.015	0.037
14:45:00	5.3	4.8	4.9	5.3	3.0	2.6	3.1	2.9	0.065	0.056	0.014	0.037
15:00:00	6.0	5.3	5.8	6.2	3.3	2.8	3.4	3.2	0.064	0.052	0.013	0.037
15:15:00	6.2	5.6	5.8	6.2	3.3	2.9	3.5	3.3	0.050	0.047	0.010	0.032
15:30:00	6.2	5.5	6.1	6.6	3.4	2.9	3.7	3.4	0.050	0.048	0.010	0.029
15:45:00	6.4	5.6	6.0	6.6	3.4	3.0	3.7	3.4	0.048	0.045	0.010	0.029
16:00:00	6.2	5.6	6.1	6.1	3.3	2.9	3.5	3.2	0.045	0.043	0.009	0.027
16:15:00	6.6	5.9	6.4	6.5	3.4	3.1	3.6	3.4	0.039	0.040	0.008	0.023
16:30:00	6.7	6.3	6.8	7.0	3.5	3.1	3.7	3.5	0.040	0.039	0.007	0.018
16:45:00	7.3	6.7	6.6	7.4	3.6	3.4	4.0	3.5	0.038	0.034	0.007	0.021
17:00:00	7.7	6.7	7.0	7.8	3.8	3.4	4.0	3.7	0.034	0.034	0.004	0.020
17:15:00	8.7	8.1	7.7	8.4	4.1	3.9	4.2	3.9	0.033	0.029	0.004	0.019
17:30:00	9.3	8.8	8.4	9.5	4.5	4.1	4.7	4.2	0.036	0.029	0.004	0.015
17:45:00	9.8	9.0	8.4	9.0	4.5	4.2	4.5	4.3	0.040	0.030	0.003	0.019
18:00:00	10.3	9.1	9.4	9.5	4.6	4.2	4.8	4.3	0.036	0.025	0.004	0.015
18:15:00	6.7	6.0	6.7	4.8	2.5	2.7	2.2	2.4	0.031	0.021	0.004	0.014
18:30:00	3.3	2.1	3.6	2.3	1.2	0.9	1.2	1.5	0.053	0.039	0.004	0.027
18:45:00	5.6	2.3	3.9	3.0	1.8	1.2	1.5	1.9	0.043	0.028	0.002	0.023
19:00:00	3.9	2.6	4.0	3.7	1.6	1.4	1.8	1.8	0.029	0.019	0.000	0.013
19:15:00	4.9	3.2	5.9	3.8	1.9	1.5	1.9	2.2	0.022	0.011	0.000	0.010
19:30:00	4.9	5.6	5.7	4.7	1.9	1.7	2.1	2.1	0.017	0.005	0.000	0.007
19:45:00	5.9	8.2	6.8	4.7	1.9	1.8	2.0	2.1	0.010	0.000	0.000	0.004
20:00:00	8.2	8.2	8.2	5.9	2.1	1.8	2.8	2.2	0.002	0.000	0.000	0.001
20:15:00	6.5	11.1	14.0	6.1	1.8	2.0	2.3	2.7	-0.002	0.000	0.001	0.000
20:30:00	7.3	9.7	13.6	6.6	1.8	1.8	2.4	3.0	-0.006	0.000	0.001	0.000
20:45:00	7.6	9.6	12.0	6.8	1.8	1.7	2.1	2.6	-0.007	0.000	0.000	0.000
21:00:00	7.5	9.1	12.0	6.5	1.6	1.7	1.9	2.4	-0.010	0.000	0.000	0.000
21:15:00	10.2	10.9	11.6	6.8	1.9	1.7	1.9	2.4	-0.012	0.000	0.000	0.000
21:30:00	12.8	12.8	9.5	7.4	2.1	1.7	1.8	2.2	-0.013	0.000	0.000	0.000
21:45:00	13.9	13.5	7.5	7.9	2.2	1.8	2.0	1.9	-0.015	0.000	0.000	0.000
22:00:00	14.0	13.2	9.3	9.1	2.3	2.0	2.1	2.0	-0.016	0.000	0.000	0.000
22:15:00	17.1	12.3	11.8	9.8	2.5	1.9	2.5	2.2	-0.015	0.000	0.000	0.000
22:30:00	18.6	13.9	17.9	11.3	2.6	2.0	2.5	2.6	-0.015	0.000	0.000	0.000
22:45:00	16.9	15.5	19.7	11.9	2.4	2.1	2.4	3.3	-0.016	0.000	0.000	0.000
23:00:00	15.5	18.1	17.3	11.3	2.3	2.2	2.3	2.7	-0.017	0.000	0.000	0.000
23:15:00	17.9	20.2	22.4	10.7	2.4	2.3	2.3	3.5	-0.014	0.000	0.000	0.000
23:30:00	18.1	18.8	21.1	11.3	2.4	2.2	2.3	3.3	-0.014	0.000	0.004	0.000
23:45:00	16.2	20.5	20.8	11.2	2.4	2.3	2.4	3.0	-0.015	0.000	0.002	0.000



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