



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-21

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 13.80	2943 SE	2995 SE	2996 N	2997 W	Min : 71.96 Max : 97.88	Min : 57.60 Max : 95.90	Min : 29.81 Max : 29.99

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	19.3	38.0	10.9	15.3	-0.015	0.068
2995	15.3	21.3	9.0	12.2	0.009	0.065
2996	17.8	24.9	11.5	16.1	0.001	0.030
2997	20.2	38.0	11.0	15.4	0.005	0.031

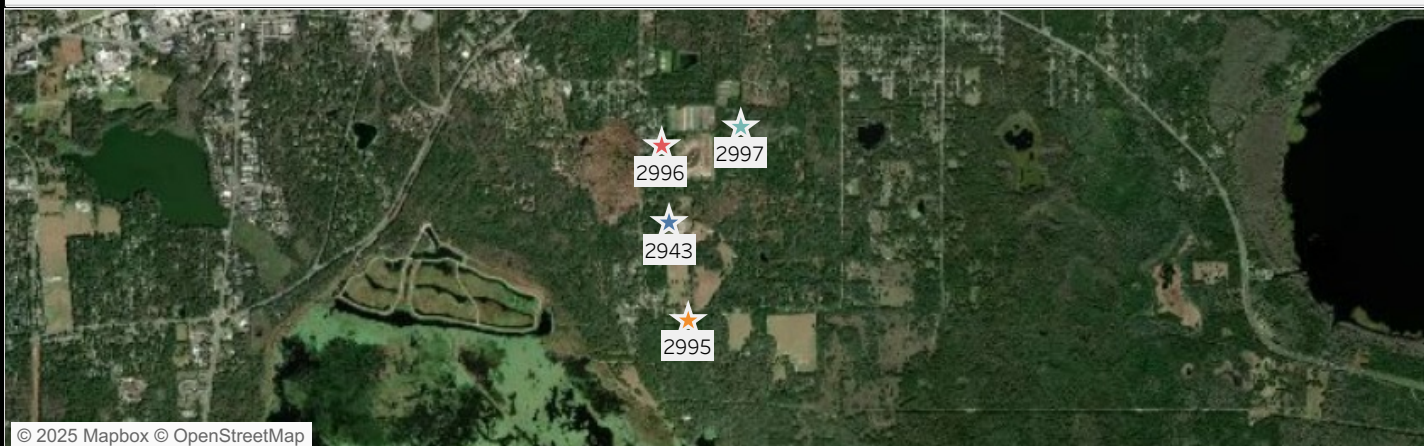


Figure 1 : Monitoring Locations

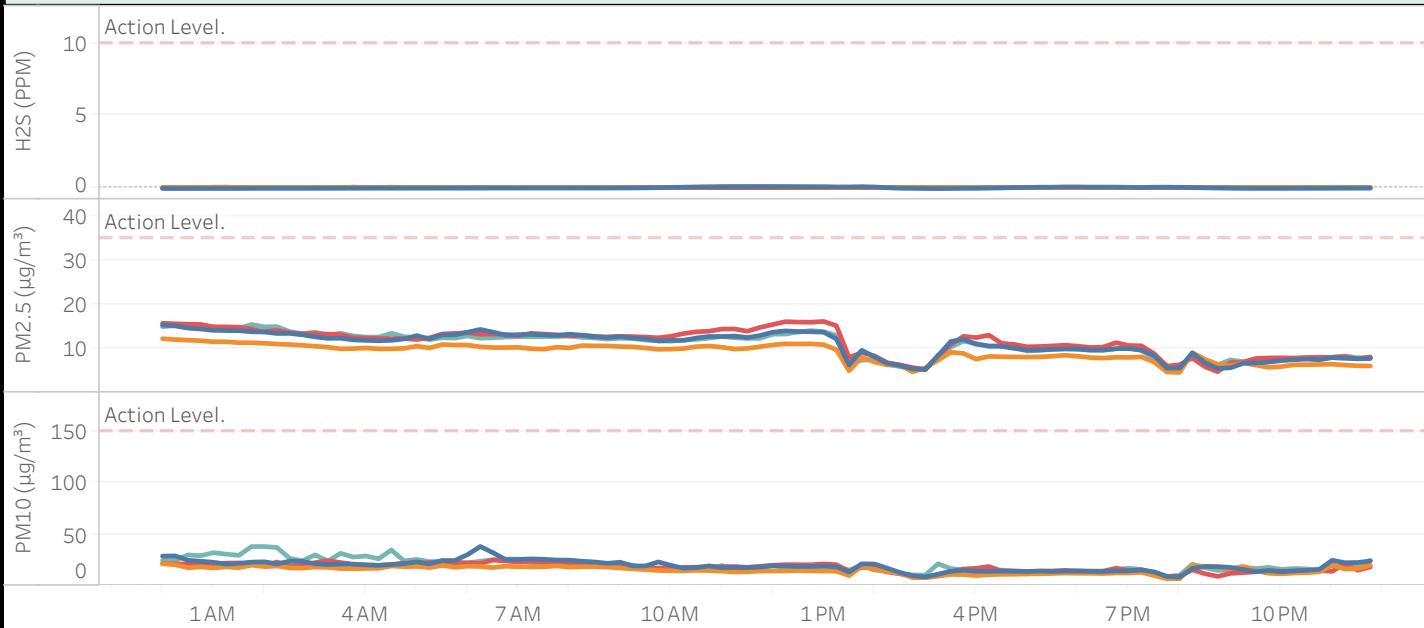


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

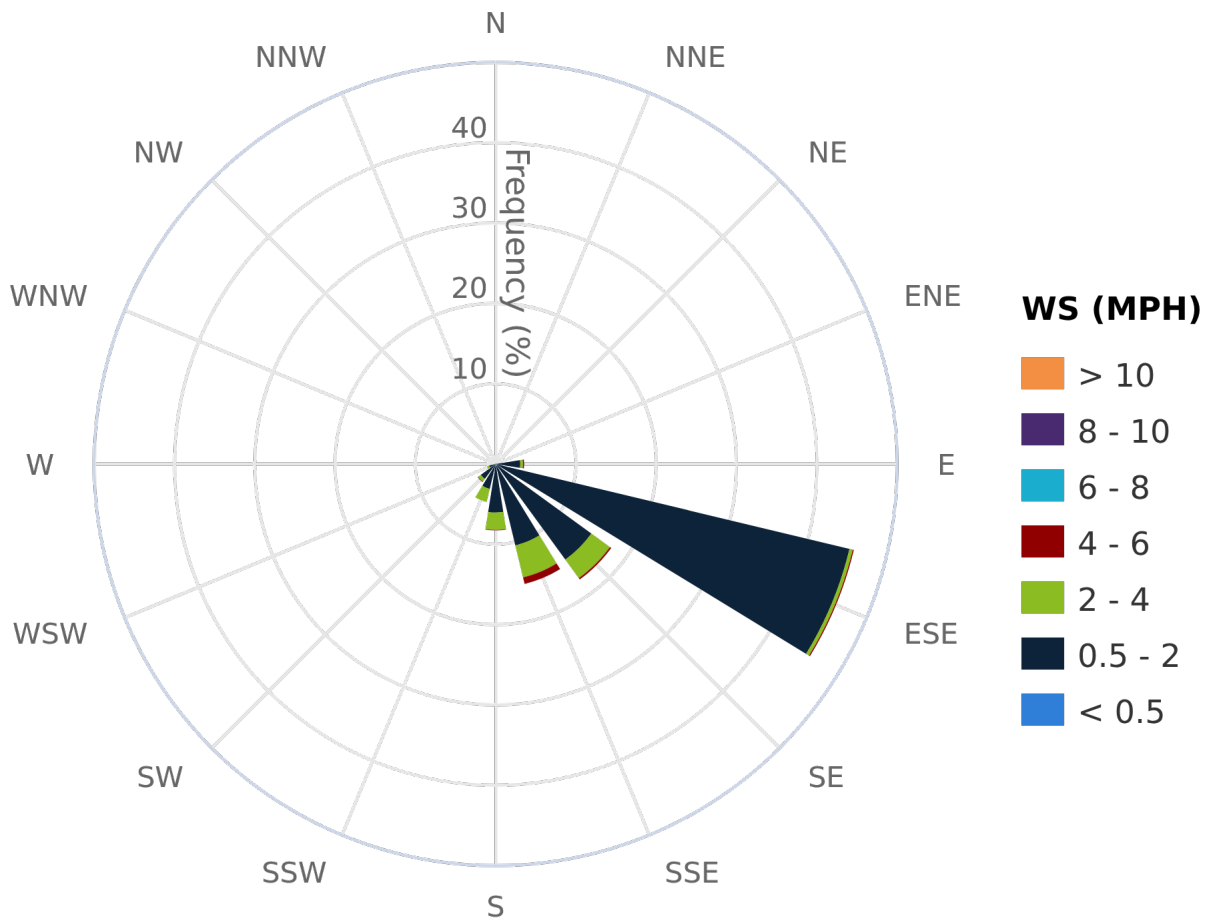


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-08-21

Wind Rose Chart 2995

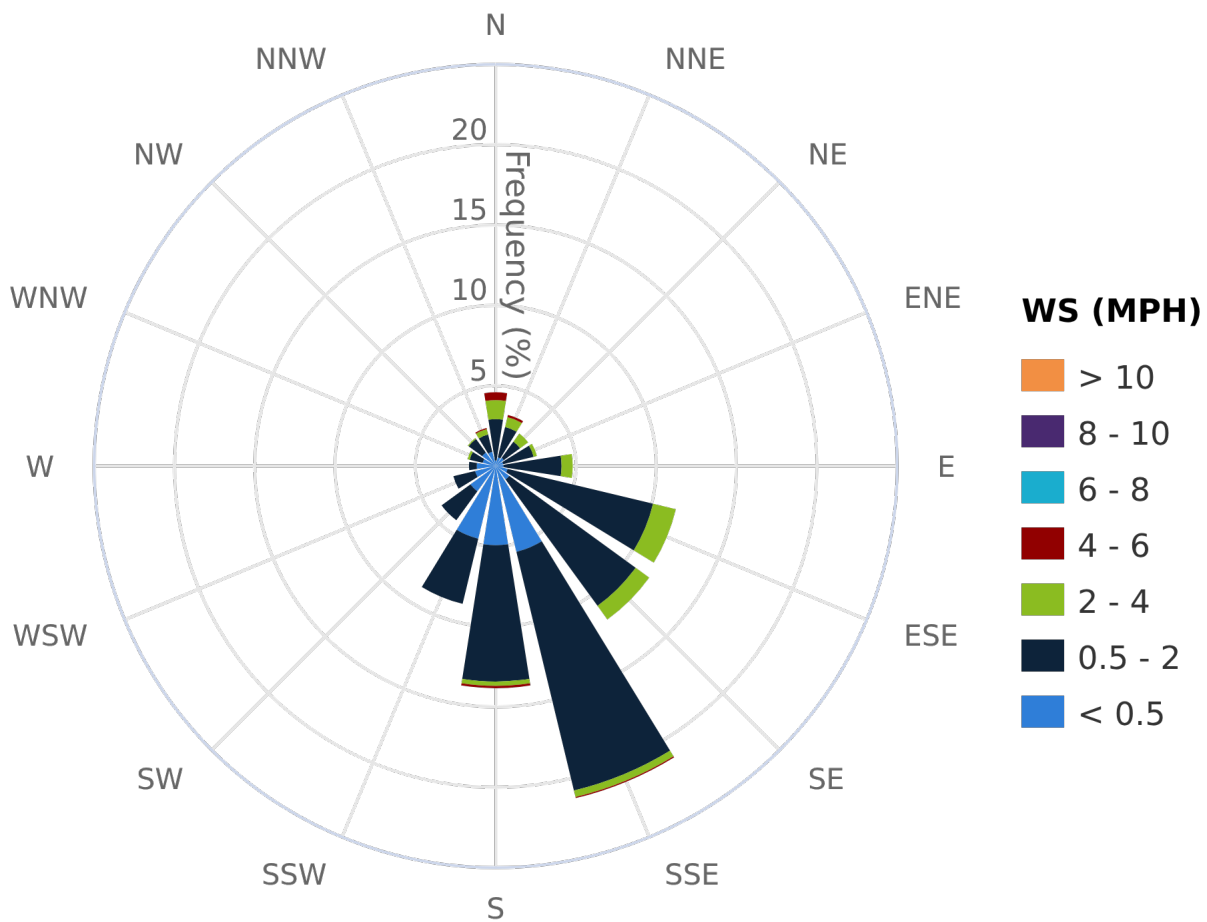


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Date : 2025-08-21

Wind Rose Chart 2996

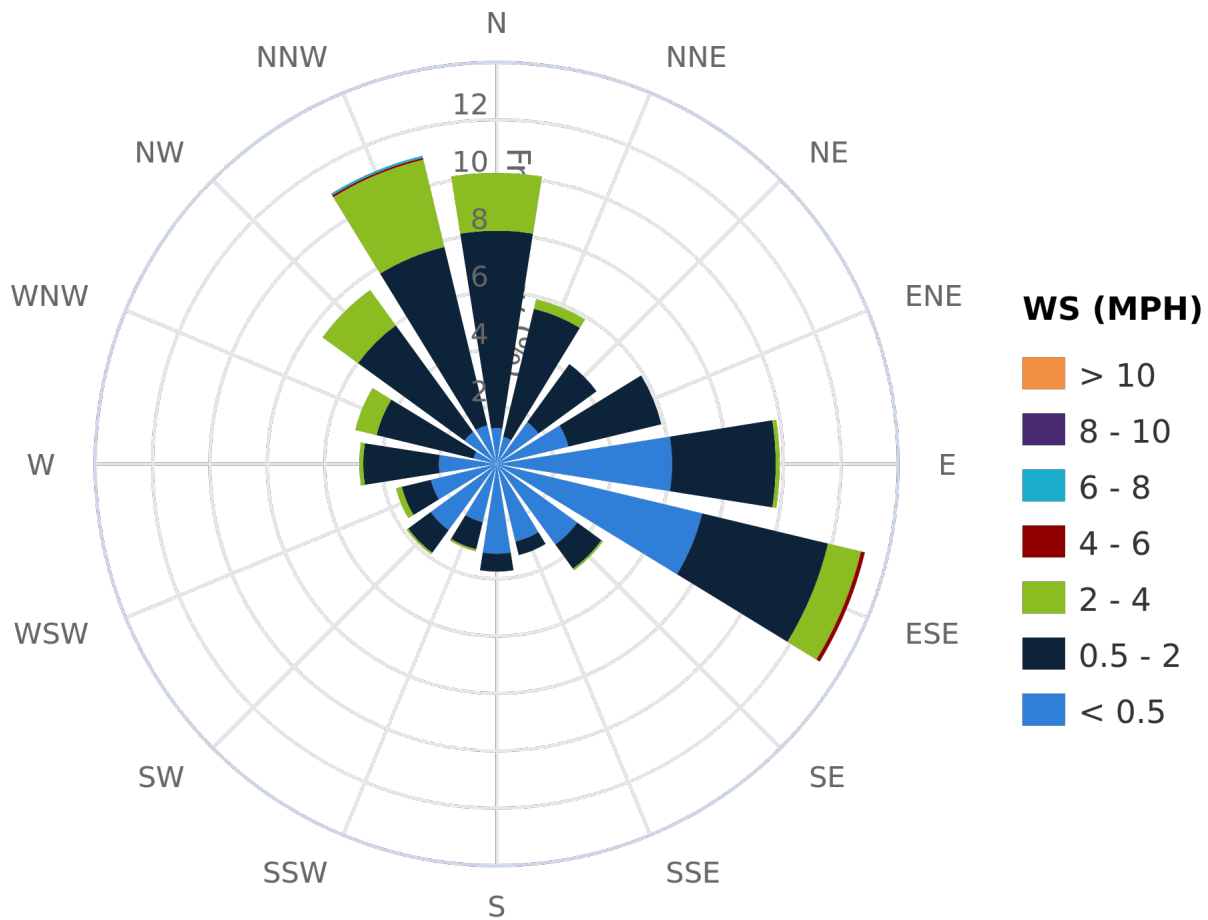


Figure 3 : Wind Rose Chart (WS in MPH)



DAILY AIR MONITORING REPORT

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Date : 2025-08-21

Wind Rose Chart 2997

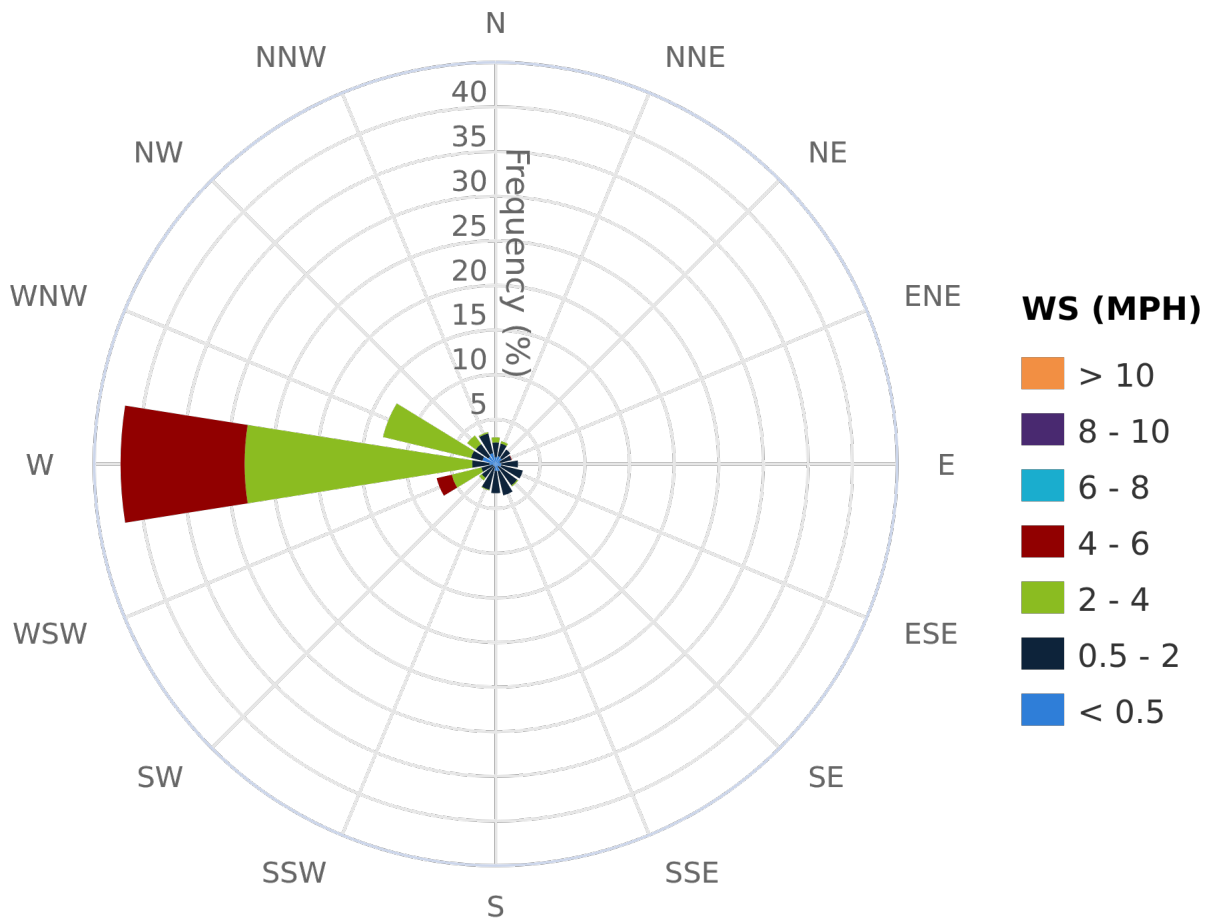


Figure 3 : Wind Rose Chart (WS in MPH)



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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	28.7	21.3	24.6	21.5	15.3	12.2	15.7	14.9	-0.062	0.000	0.000	0.000
00:15:00	28.9	20.3	24.7	21.2	15.1	12.0	15.6	15.1	-0.064	0.000	0.000	0.000
00:30:00	24.7	17.5	29.9	20.9	14.6	11.9	15.5	14.8	-0.062	0.000	0.000	0.000
00:45:00	23.7	18.3	29.1	21.1	14.4	11.7	15.4	14.8	-0.061	0.000	0.000	0.000
01:00:00	22.8	17.2	32.0	21.4	14.1	11.5	14.9	14.8	-0.060	0.000	0.024	0.000
01:15:00	21.0	18.3	30.6	21.9	14.0	11.5	14.9	14.6	-0.060	0.000	0.029	0.000
01:30:00	21.7	17.5	29.5	22.1	14.0	11.3	14.8	14.6	-0.059	0.000	0.008	0.000
01:45:00	22.9	20.0	38.0	20.8	13.8	11.3	14.4	15.4	-0.054	0.000	0.000	0.000
02:00:00	23.2	18.6	37.9	19.3	13.7	11.2	13.8	14.9	-0.053	0.000	0.000	0.000
02:15:00	21.1	19.0	37.1	23.0	13.4	11.0	14.1	14.9	-0.051	0.000	0.000	0.000
02:30:00	23.8	17.3	26.6	19.4	13.4	10.9	13.6	13.8	-0.050	0.000	0.000	0.000
02:45:00	23.6	17.1	24.2	19.8	13.1	10.7	13.3	13.3	-0.052	0.000	0.000	0.000
03:00:00	21.3	18.1	29.9	22.4	12.6	10.5	13.3	13.7	-0.048	0.000	0.000	0.000
03:15:00	20.5	17.8	23.9	24.3	12.3	10.3	13.2	13.0	-0.047	0.000	0.000	0.000
03:30:00	20.9	16.6	31.4	22.5	12.3	9.9	13.1	13.4	-0.046	0.000	0.000	0.000
03:45:00	20.9	16.6	27.8	20.8	11.9	10.0	12.4	12.8	-0.044	0.000	0.030	0.000
04:00:00	20.3	16.7	28.8	20.0	11.8	10.1	12.3	12.5	-0.042	0.000	0.013	0.000
04:15:00	19.8	16.9	26.1	19.8	11.7	9.9	12.2	12.5	-0.042	0.000	0.003	0.000
04:30:00	20.5	19.2	34.6	20.4	11.8	9.9	12.2	13.4	-0.041	0.000	0.027	0.000
04:45:00	21.4	18.5	24.1	22.1	12.1	10.0	12.2	12.6	-0.041	0.000	0.000	0.000
05:00:00	23.2	18.8	25.5	20.8	12.9	10.5	12.0	12.4	-0.040	0.000	0.000	0.000
05:15:00	21.2	17.6	23.4	22.7	12.1	10.1	12.4	12.0	-0.041	0.000	0.000	0.000
05:30:00	24.5	19.7	23.7	22.6	13.1	10.9	13.2	12.4	-0.037	0.000	0.000	0.000
05:45:00	24.5	17.9	22.9	21.9	13.1	10.8	13.4	12.3	-0.037	0.000	0.000	0.000
06:00:00	30.3	18.9	22.2	22.1	13.7	10.7	13.5	12.8	-0.037	0.000	0.000	0.000
06:15:00	38.0	18.6	23.8	21.7	14.3	10.4	13.2	12.3	-0.035	0.000	0.000	0.000
06:30:00	32.0	17.6	25.2	24.9	13.7	10.2	13.2	12.4	-0.031	0.000	0.001	0.000
06:45:00	25.2	19.0	25.9	24.0	13.0	10.2	13.1	12.6	-0.032	0.000	0.000	0.000
07:00:00	25.5	18.3	25.8	22.8	13.1	10.2	12.9	12.6	-0.033	0.000	0.000	0.000
07:15:00	26.0	18.3	22.1	23.7	13.2	9.9	13.4	12.6	-0.029	0.000	0.000	0.000
07:30:00	25.7	18.4	21.9	23.0	13.0	9.8	13.2	12.6	-0.030	0.000	0.000	0.000
07:45:00	24.9	19.2	22.5	22.7	12.9	10.3	13.1	12.7	-0.030	0.000	0.000	0.000
08:00:00	24.8	18.2	23.6	22.3	13.2	10.1	12.8	12.8	-0.031	0.000	0.000	0.000
08:15:00	23.7	18.4	22.4	21.2	13.0	10.6	12.9	12.5	-0.031	0.000	0.000	0.000
08:30:00	23.0	18.4	21.8	19.9	12.7	10.6	12.7	12.3	-0.033	0.000	0.000	0.000
08:45:00	21.7	18.1	20.0	19.4	12.5	10.6	12.6	12.1	-0.029	0.000	0.000	0.000
09:00:00	22.8	17.2	20.4	19.3	12.6	10.4	12.7	12.3	-0.027	0.000	0.000	0.000
09:15:00	19.1	16.3	19.9	18.4	12.3	10.3	12.7	12.2	-0.024	0.000	0.000	0.000
09:30:00	19.2	15.6	17.5	17.3	12.1	10.1	12.6	11.9	-0.014	0.000	0.000	0.000
09:45:00	23.1	14.8	16.6	17.1	11.7	9.8	12.4	11.7	-0.002	0.007	0.000	0.000
10:00:00	19.7	14.5	16.3	17.3	11.8	9.8	12.7	11.6	0.014	0.017	0.000	0.000
10:15:00	17.0	14.5	17.5	17.7	11.8	10.0	13.4	11.9	0.026	0.023	0.000	0.004
10:30:00	17.7	14.9	16.5	18.0	12.4	10.4	13.7	12.0	0.039	0.033	0.000	0.011
10:45:00	19.3	14.7	16.5	18.1	12.7	10.5	13.9	12.3	0.050	0.044	0.000	0.016
11:00:00	17.5	14.1	19.6	18.4	12.7	10.3	14.4	12.7	0.059	0.062	0.000	0.025
11:15:00	17.7	13.4	16.5	18.6	12.8	9.9	14.4	12.4	0.064	0.065	0.000	0.029
11:30:00	17.6	13.6	17.7	17.9	12.5	10.0	13.9	12.2	0.066	0.062	0.001	0.031
11:45:00	18.1	14.2	17.5	18.8	12.9	10.4	14.7	12.3	0.068	0.059	0.001	0.031



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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	19.5	14.5	19.6	19.8	13.7	10.8	15.4	13.2	0.067	0.060	0.000	0.030
12:15:00	19.1	14.4	17.6	20.5	13.9	11.0	16.0	13.2	0.064	0.053	0.000	0.026
12:30:00	18.8	14.7	18.0	20.4	13.8	11.0	15.9	13.7	0.059	0.047	0.000	0.027
12:45:00	18.7	14.5	18.1	20.3	13.8	11.0	15.9	14.0	0.058	0.035	0.000	0.025
13:00:00	18.9	14.2	19.2	21.2	13.7	10.8	16.1	13.8	0.058	0.032	0.000	0.024
13:15:00	18.3	14.1	18.4	20.4	12.2	9.7	15.1	12.9	0.047	0.015	0.000	0.017
13:30:00	13.3	9.8	15.2	14.1	6.2	4.9	8.0	7.1	0.046	0.015	0.000	0.010
13:45:00	21.3	18.8	19.5	17.7	9.6	8.0	9.0	7.3	0.060	0.031	0.000	0.018
14:00:00	21.0	15.8	15.3	17.6	8.1	6.9	8.3	7.6	0.037	0.026	0.001	0.023
14:15:00	17.0	13.9	14.2	13.4	6.6	6.2	6.8	6.4	-0.007	0.004	0.000	0.017
14:30:00	12.9	11.9	11.6	11.7	6.1	6.2	6.3	5.9	-0.043	0.000	0.000	0.008
14:45:00	9.7	7.8	10.5	9.5	5.4	4.7	5.6	5.5	-0.054	0.000	0.000	0.002
15:00:00	8.6	7.8	10.3	7.8	5.2	5.6	5.2	5.2	-0.061	0.000	0.000	0.001
15:15:00	11.2	9.2	21.3	10.8	8.4	7.3	8.2	8.4	-0.068	0.000	0.000	0.003
15:30:00	14.0	11.0	16.6	13.6	11.6	9.1	10.8	10.3	-0.062	0.000	0.000	0.004
15:45:00	15.0	10.8	15.3	16.3	12.0	8.9	12.7	11.6	-0.052	0.000	0.000	0.000
16:00:00	14.1	9.9	14.3	16.9	10.9	7.6	12.4	11.1	-0.049	0.000	0.000	0.000
16:15:00	14.0	10.7	13.7	18.7	10.5	8.2	13.0	10.4	-0.034	0.000	0.000	0.000
16:30:00	14.2	11.1	15.2	14.3	10.4	8.1	11.1	10.7	-0.024	0.000	0.000	0.000
16:45:00	14.0	11.2	13.8	14.3	10.0	8.1	10.9	10.2	0.000	0.000	0.000	0.000
17:00:00	13.7	11.4	12.9	13.9	9.6	8.0	10.4	9.4	0.012	0.000	0.000	0.000
17:15:00	14.2	11.6	13.5	14.2	9.7	8.1	10.4	9.6	0.028	0.000	0.000	0.001
17:30:00	13.9	11.9	13.6	14.3	9.8	8.2	10.6	9.8	0.030	0.003	0.000	0.000
17:45:00	14.3	12.3	13.8	14.9	9.9	8.5	10.7	10.0	0.047	0.009	0.000	0.004
18:00:00	14.3	12.1	14.3	14.2	9.9	8.2	10.5	9.8	0.045	0.011	0.000	0.005
18:15:00	13.9	12.1	14.3	13.9	9.6	7.9	10.2	9.6	0.036	0.012	0.000	0.004
18:30:00	13.9	11.9	14.1	14.1	9.6	7.8	10.3	9.6	0.035	0.010	0.000	0.004
18:45:00	14.4	12.4	15.6	17.1	9.9	8.0	11.3	9.9	0.034	0.010	0.000	0.005
19:00:00	14.5	12.4	17.0	14.8	9.9	8.0	10.7	10.2	0.021	0.010	0.000	0.007
19:15:00	15.3	13.0	15.8	15.3	9.6	8.1	10.6	9.5	0.009	0.002	0.000	0.000
19:30:00	13.4	9.9	11.9	12.8	8.3	6.9	8.8	7.6	0.028	0.018	0.000	0.009
19:45:00	9.1	6.8	8.9	9.0	5.5	4.7	6.0	5.5	0.026	0.027	0.000	0.008
20:00:00	8.3	6.8	10.1	9.3	5.6	4.6	6.3	5.9	0.020	0.021	0.000	0.008
20:15:00	16.7	19.4	20.8	15.5	9.0	9.0	7.8	8.3	0.001	0.006	0.000	0.002
20:30:00	18.7	18.9	17.4	11.6	6.8	7.5	5.9	6.5	-0.016	0.000	0.000	0.000
20:45:00	18.5	17.8	14.9	9.1	5.5	6.4	4.7	6.3	-0.030	0.000	0.000	0.000
21:00:00	17.8	16.5	15.3	12.0	5.6	6.0	6.8	7.4	-0.042	0.000	0.000	0.000
21:15:00	15.7	18.7	18.0	12.7	6.6	6.7	6.9	7.0	-0.052	0.000	0.000	0.000
21:30:00	13.7	14.7	16.5	13.6	6.7	6.2	7.7	7.0	-0.054	0.000	0.000	0.000
21:45:00	14.7	12.1	17.8	14.6	6.9	5.7	7.8	7.5	-0.054	0.000	0.000	0.000
22:00:00	13.6	11.5	15.9	14.0	7.2	5.9	7.9	7.5	-0.054	0.000	0.000	0.000
22:15:00	14.4	12.3	16.7	14.0	7.4	6.3	7.8	7.7	-0.053	0.000	0.000	0.000
22:30:00	15.0	12.7	16.3	14.6	7.6	6.3	8.0	7.7	-0.048	0.000	0.000	0.000
22:45:00	15.9	13.5	14.6	14.9	7.4	6.4	8.0	7.7	-0.048	0.000	0.000	0.000
23:00:00	24.7	20.0	21.0	14.0	7.9	6.4	8.0	8.0	-0.044	0.000	0.000	0.000
23:15:00	22.3	16.3	16.3	21.2	7.8	6.2	8.1	8.3	-0.043	0.000	0.000	0.000
23:30:00	22.5	16.7	18.8	15.0	7.6	6.1	7.6	7.9	-0.040	0.000	0.000	0.000
23:45:00	24.0	19.8	24.6	18.2	7.7	6.0	8.1	7.8	-0.038	0.000	0.000	0.000



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