



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-11

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.06700 Max : 18.14	2943 ESE	2995 N	2996 ESE	2997 W	Min : 33.98 Max : 679.3	Min : 46.70 Max : 1,018	Min : 0.01388 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	18.6	100.2	6.1	14.8	-0.035	0.047
2995	10.3	42.5	6.3	33.9	0.007	0.052
2996	10.6	17.3	5.6	7.8	0.001	0.012
2997	14.3	18.0	5.9	6.3	0.000	0.000

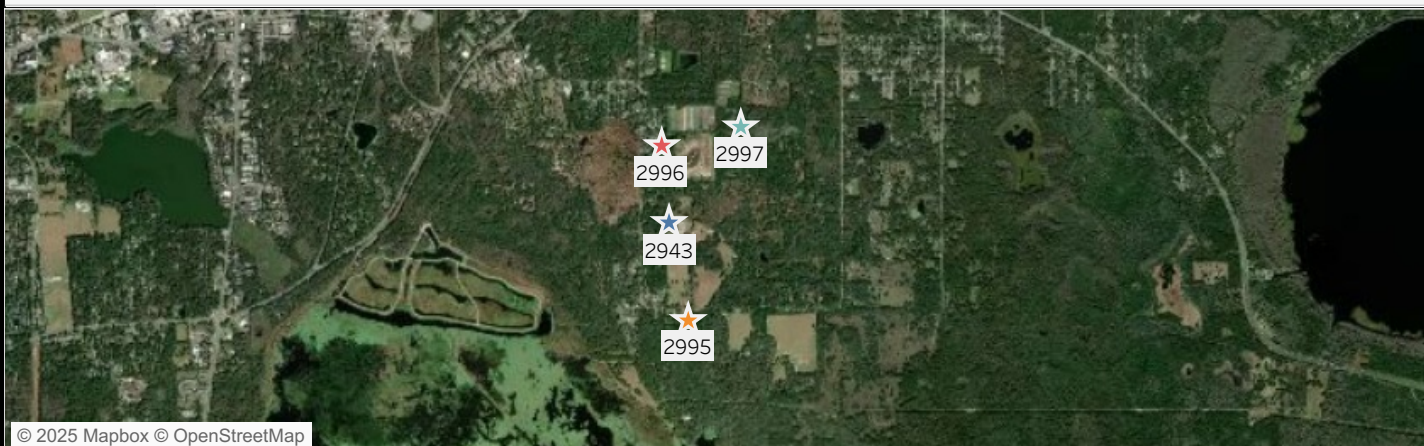


Figure 1 : Monitoring Locations

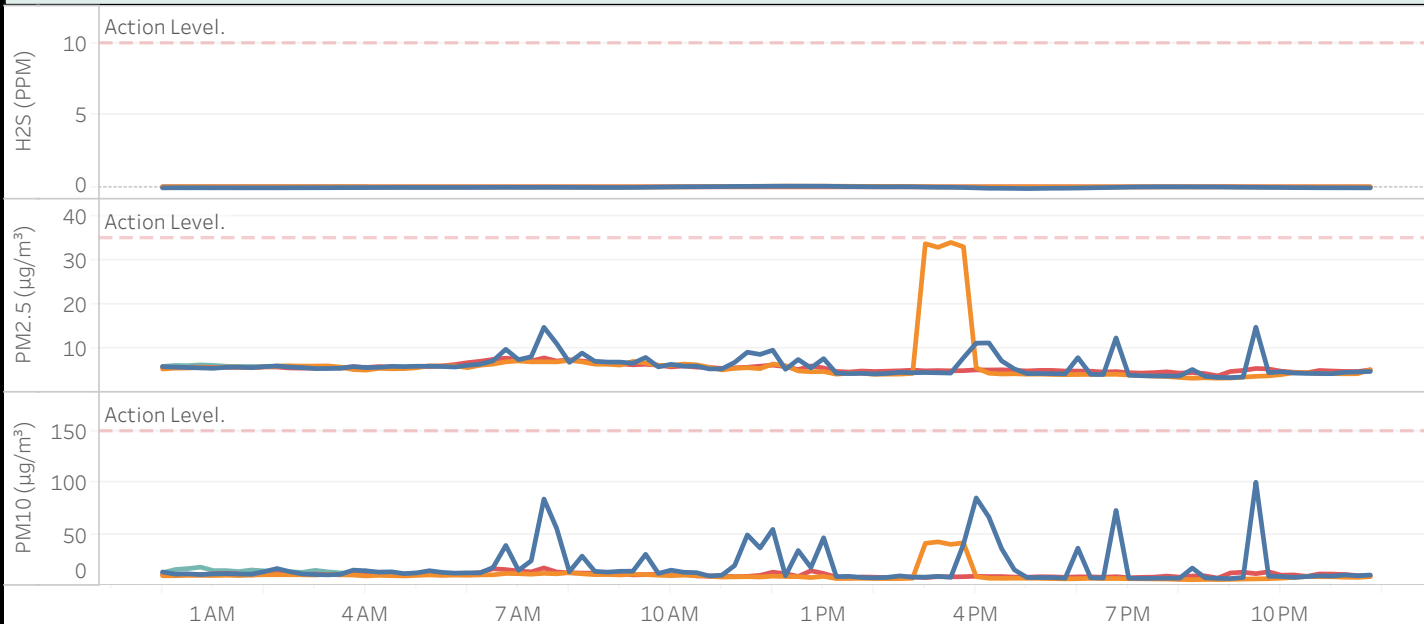


Figure 2 : 15 Minutes Average Concentrations

2943 2995 2996 2997



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Wind Rose Chart 2943

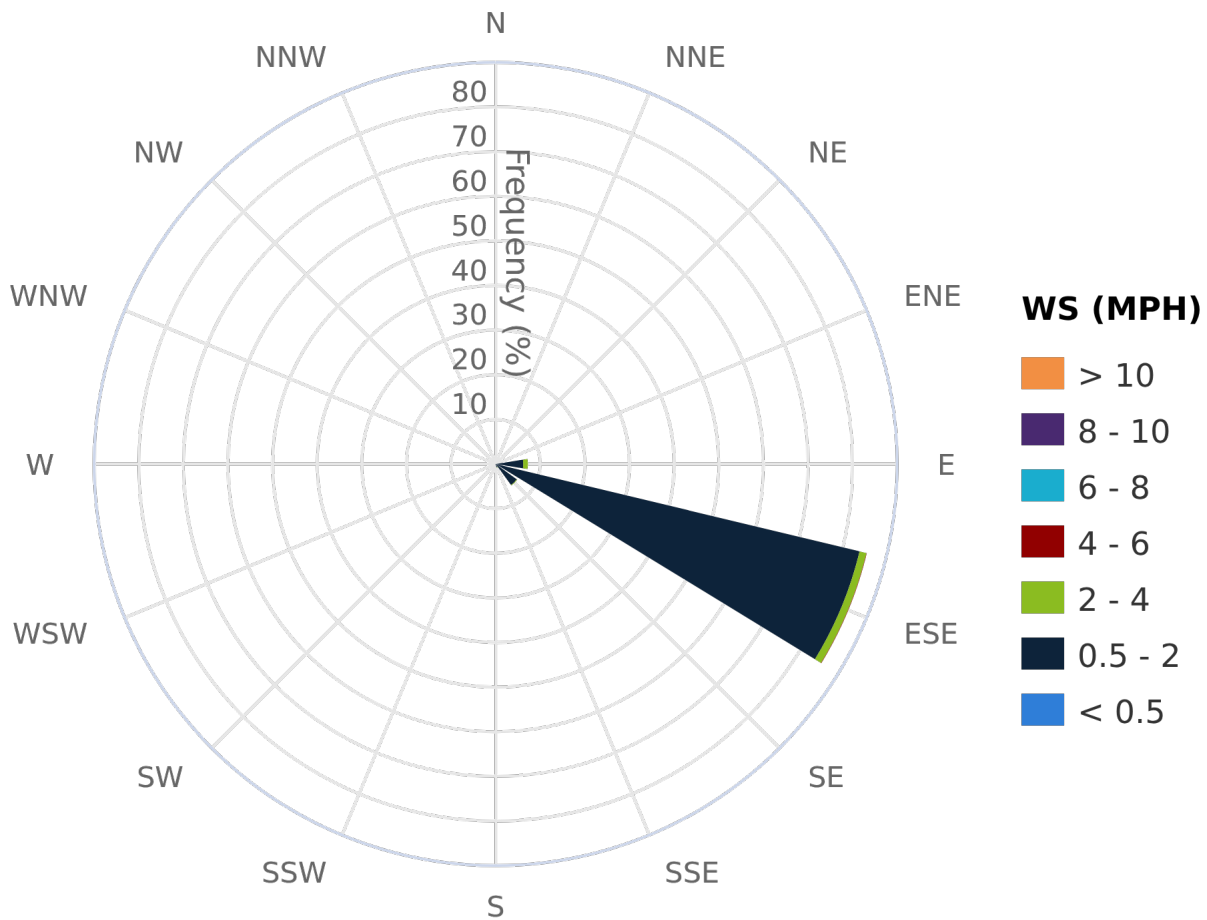


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2995

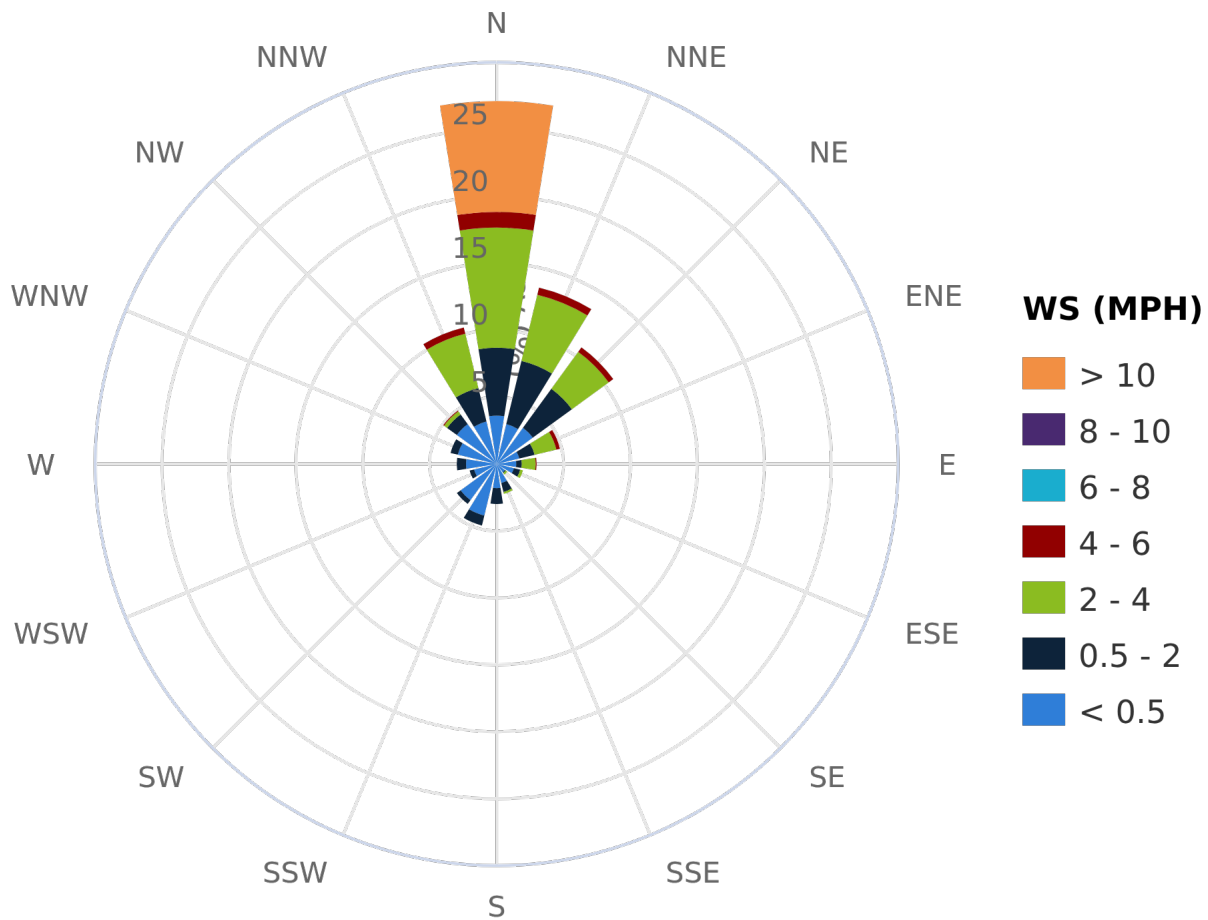


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

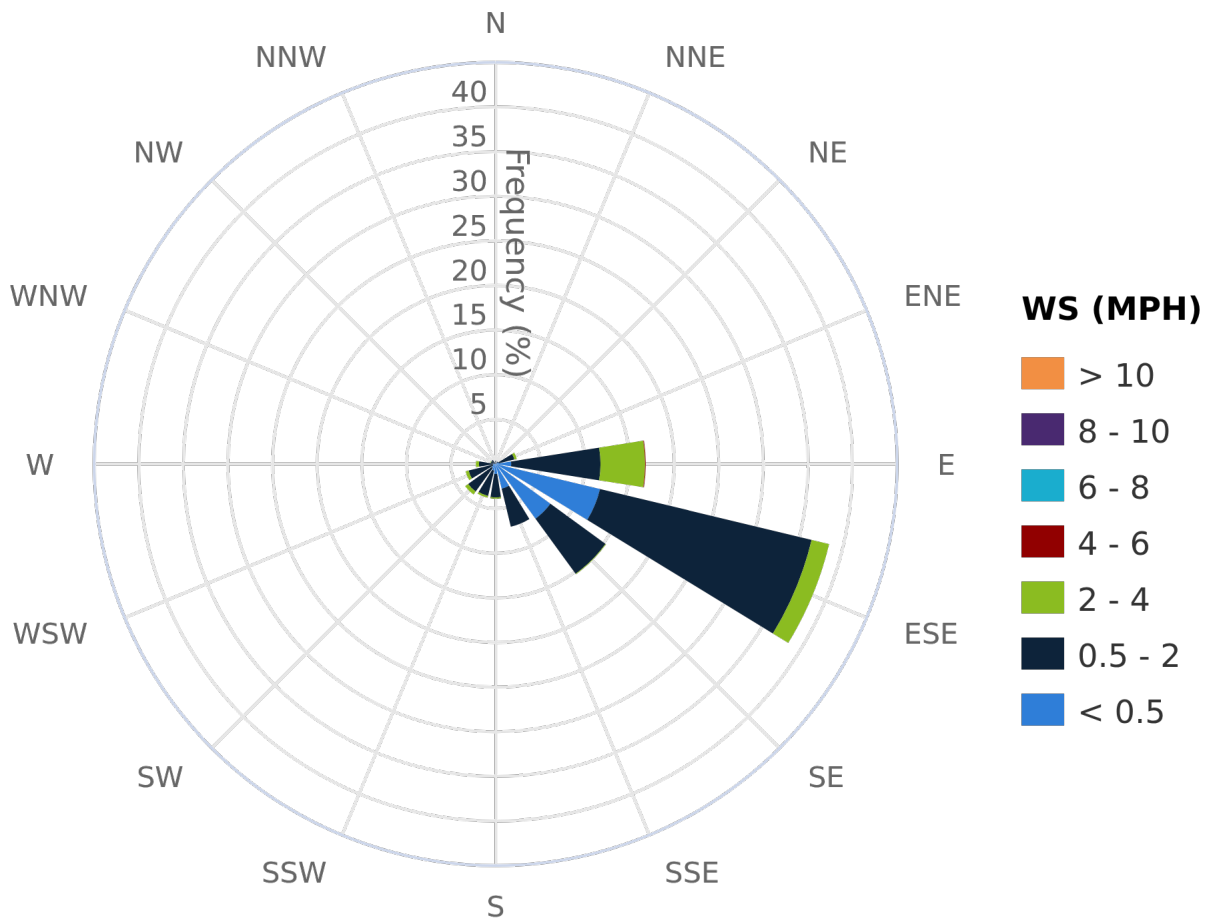


Figure 3 : Wind Rose Chart (WS in MPH)



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Florence C&D Landfill – Air Monitoring

Date : 2025-09-10

Wind Rose Chart 2997

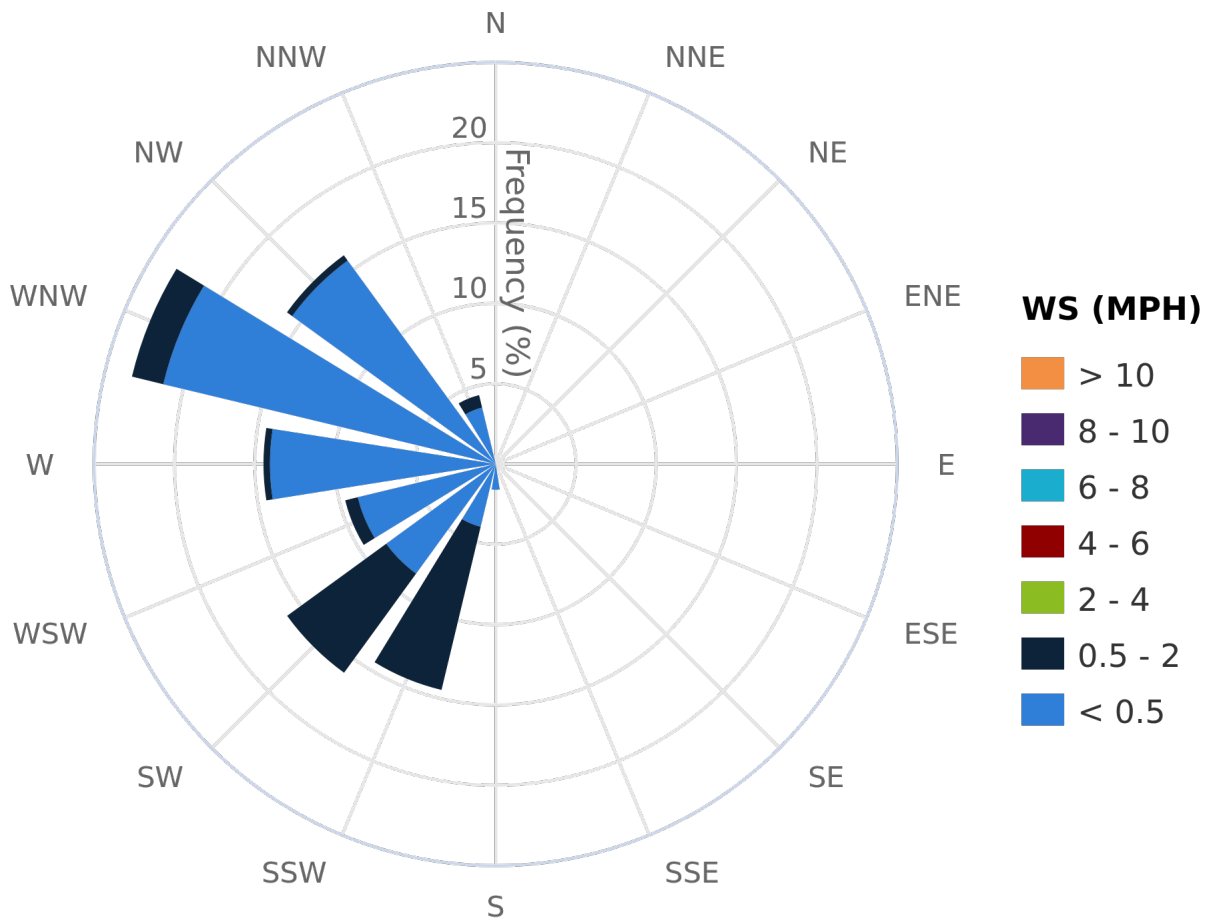


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-09-11

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	13.4	9.7	12.6	10.8	5.9	5.3	5.8	5.9	-0.069	0.000	0.000	0.000
00:15:00	11.3	9.7	15.7	10.8	5.8	5.5	5.6	6.1	-0.064	0.000	0.000	0.000
00:30:00	11.6	10.2	16.7	10.6	5.7	5.6	5.7	6.1	-0.066	0.000	0.000	0.000
00:45:00	10.8	10.0	18.0	10.8	5.6	5.7	5.8	6.3	-0.064	0.000	0.000	0.000
01:00:00	11.5	9.9	14.7	11.5	5.5	5.6	5.7	6.2	-0.068	0.000	0.000	0.000
01:15:00	11.8	10.3	14.7	12.1	5.7	5.8	5.7	6.0	-0.066	0.000	0.000	0.000
01:30:00	11.4	9.9	13.7	11.3	5.8	5.8	5.7	5.9	-0.069	0.000	0.000	0.000
01:45:00	11.2	10.4	15.3	10.5	5.7	5.7	5.6	5.9	-0.069	0.000	0.000	0.000
02:00:00	13.7	10.7	14.4	11.5	5.9	5.9	5.8	5.9	-0.068	0.000	0.000	0.000
02:15:00	16.7	10.7	13.6	11.8	6.0	6.0	5.8	5.9	-0.069	0.000	0.000	0.000
02:30:00	13.7	10.7	13.5	11.4	5.8	6.1	5.6	5.8	-0.065	0.000	0.000	0.000
02:45:00	11.4	10.6	13.0	11.0	5.7	6.0	5.5	5.8	-0.063	0.000	0.000	0.000
03:00:00	10.9	10.4	14.9	11.2	5.4	6.0	5.6	5.6	-0.061	0.000	0.000	0.000
03:15:00	10.6	11.1	13.4	10.8	5.5	6.0	5.7	5.5	-0.060	0.000	0.000	0.000
03:30:00	11.1	10.7	12.5	10.6	5.5	5.8	5.6	5.6	-0.056	0.000	0.000	0.000
03:45:00	15.2	10.4	12.1	11.3	5.9	5.2	5.9	5.6	-0.054	0.000	0.000	0.000
04:00:00	14.5	9.5	14.4	11.8	5.7	5.1	5.7	5.8	-0.051	0.000	0.000	0.000
04:15:00	13.2	10.1		12.2	5.7	5.5	5.9		-0.047	0.000	0.000	
04:30:00	13.5	9.8		11.8	5.9	5.4	5.7		-0.044	0.000	0.001	
04:45:00	11.8	9.5		11.3	5.9	5.4	5.7		-0.042	0.000	0.000	
05:00:00	12.5	10.0		11.5	6.0	5.6	5.9		-0.044	0.000	0.000	
05:15:00	14.6	10.5		10.9	6.0	6.1	5.9		-0.043	0.000	0.000	
05:30:00	13.0	10.0		10.7	5.9	6.0	6.0		-0.042	0.000	0.000	
05:45:00	12.3	10.3		10.9	5.8	6.0	6.3		-0.041	0.000	0.000	
06:00:00	12.5	10.2		11.6	6.2	5.7	6.8		-0.040	0.000	0.000	
06:15:00	12.5	10.5		12.9	6.4	6.2	7.1		-0.037	0.000	0.000	
06:30:00	17.7	10.6		16.5	7.2	6.4	7.5		-0.035	0.000	0.000	
06:45:00	39.1	11.9		15.7	9.8	7.0	7.8		-0.033	0.000	0.000	
07:00:00	15.0	11.7		14.3	7.4	7.2	7.5		-0.035	0.000	0.000	
07:15:00	24.2	11.2		13.4	8.1	7.0	7.2		-0.036	0.000	0.000	
07:30:00	84.0	12.1		17.3	14.8	7.0	7.8		-0.033	0.000	0.000	
07:45:00	55.6	11.6		13.3	11.1	6.9	7.1		-0.035	0.000	0.000	
08:00:00	13.6	12.8		12.5	6.8	7.3	7.4		-0.036	0.000	0.000	
08:15:00	28.7	11.6		12.3	8.9	7.0	7.1		-0.040	0.000	0.000	
08:30:00	14.0	10.8		12.1	7.1	6.4	6.8		-0.044	0.000	0.000	
08:45:00	13.2	10.9		12.2	6.9	6.4	6.8		-0.044	0.000	0.000	
09:00:00	14.0	10.5		11.6	6.9	6.2	6.5		-0.044	0.000	0.000	
09:15:00	14.1	11.2		10.5	6.6	7.0	6.3		-0.041	0.000	0.000	
09:30:00	30.5	10.8		10.8	8.0	6.7	6.4		-0.029	0.000	0.000	
09:45:00	12.0	10.2		11.1	5.8	6.2	6.2		-0.016	0.000	0.000	
10:00:00	15.1	9.8		10.5	6.4	6.2	5.8		-0.005	0.001	0.000	
10:15:00	13.1	10.3		11.5	6.0	6.5	6.0		0.005	0.002	0.000	
10:30:00	12.7	9.8		9.5	6.0	6.3	5.8		0.009	0.007	0.000	
10:45:00	9.5	9.1		9.6	5.4	5.7	5.7		0.013	0.018	0.000	
11:00:00	10.3	8.4		9.2	5.4	5.1	5.5		0.020	0.024	0.000	
11:15:00	19.6	8.6		8.9	6.8	5.5	5.6		0.028	0.033	0.000	
11:30:00	49.3	8.8		9.1	9.1	5.6	5.7		0.035	0.034	0.000	
11:45:00	36.6	8.5		10.1	8.6	5.4	6.0		0.036	0.041	0.000	



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12:00:00	54.6	9.3		13.2	9.6	6.5	6.2		0.044	0.044	0.000	
12:15:00	9.7	8.9		11.7	5.3	6.1	5.9		0.047	0.052	0.000	
12:30:00	34.2	8.8		9.0	7.5	4.9	5.2		0.047	0.049	0.000	
12:45:00	17.7	8.0		14.5	5.6	4.7	6.0		0.047	0.047	0.000	
13:00:00	46.5	9.1		11.9	7.7	4.8	5.6		0.046	0.047	0.000	
13:15:00	8.9	7.0		8.3	4.4	4.2	4.8		0.033	0.044	0.000	
13:30:00	9.1	7.2		7.5	4.3	4.4	4.7		0.018	0.040	0.000	
13:45:00	8.1	7.2		8.5	4.4	4.4	4.9		0.012	0.033	0.000	
14:00:00	7.7	7.1		8.3	4.2	4.1	4.8		0.003	0.032	0.000	
14:15:00	8.1	6.9		8.0	4.3	4.2	4.9		-0.001	0.028	0.000	
14:30:00	9.6	7.0		8.0	4.6	4.2	4.9		0.004	0.026	0.000	
14:45:00	8.3	7.3		8.7	4.5	4.3	5.1		0.000	0.020	0.000	
15:00:00	8.4	41.1		7.9	4.6	33.7	4.9		-0.017	0.012	0.000	
15:15:00	9.1	42.5		8.9	4.5	32.8	5.0		-0.027	0.001	0.000	
15:30:00	8.2	40.1		8.6	4.4	33.9	4.9		-0.031	0.001	0.000	
15:45:00	40.3	41.6		8.8	7.9	33.0	5.0		-0.045	0.000	0.000	
16:00:00	85.1	8.8		9.2	11.2	5.6	5.1		-0.071	0.000	0.000	
16:15:00	66.4	7.3		8.9	11.2	4.4	5.1		-0.098	0.000	0.000	
16:30:00	35.9	7.2		9.0	7.2	4.2	5.2		-0.100	0.000	0.000	
16:45:00	15.5	7.3		8.4	5.4	4.3	5.0		-0.108	0.000	0.000	
17:00:00	8.0	7.3		8.3	4.3	4.2	4.9		-0.121	0.000	0.000	
17:15:00	8.0	7.2		8.8	4.3	4.2	5.0		-0.107	0.000	0.000	
17:30:00	8.0	6.9		8.6	4.3	4.1	5.0		-0.097	0.001	0.000	
17:45:00	7.4	6.7		8.2	4.2	4.1	4.9		-0.094	0.001	0.000	
18:00:00	36.4	6.9		8.7	7.9	4.1	4.9		-0.083	0.000	0.000	
18:15:00	7.7	7.3		8.6	4.1	4.1	4.8		-0.068	0.000	0.000	
18:30:00	7.6	6.9		8.3	4.1	4.1	4.7		-0.052	0.003	0.000	
18:45:00	73.0	7.1		8.8	12.4	4.1	4.8		-0.037	0.001	0.000	
19:00:00	7.3	6.8		7.7	3.9	4.0	4.5		-0.018	0.003	0.000	
19:15:00	7.1	6.8		8.2	3.8	3.8	4.4		-0.007	0.001	0.000	
19:30:00	7.3	6.6		8.4	3.8	3.7	4.5		-0.001	0.000	0.000	
19:45:00	7.3	6.5		9.4	3.8	3.6	4.7		0.003	0.000	0.000	
20:00:00	7.3	6.1		8.4	3.8	3.4	4.4		0.000	0.000	0.001	
20:15:00	17.2	5.9		9.4	5.2	3.3	4.5		-0.003	0.000	0.003	
20:30:00	7.8	6.1		9.6	3.7	3.4	4.3		-0.007	0.000	0.006	
20:45:00	7.2	6.0		7.4	3.5	3.3	3.8		-0.011	0.000	0.012	
21:00:00	7.0	6.2		12.4	3.4	3.3	4.8		-0.020	0.000	0.012	
21:15:00	8.1	6.5		13.1	3.5	3.5	5.0		-0.028	0.000	0.006	
21:30:00	100.2	6.7		11.7	14.8	3.7	5.5		-0.033	0.000	0.006	
21:45:00	9.2	6.9		13.5	4.5	3.8	5.3		-0.041	0.000	0.002	
22:00:00	9.0	7.3		10.2	4.7	4.1	4.8		-0.045	0.000	0.001	
22:15:00	8.2	8.0		10.5	4.4	4.5	4.6		-0.056	0.000	0.001	
22:30:00	8.9	9.0		9.1	4.3	4.5	4.5		-0.058	0.000	0.000	
22:45:00	9.7	8.8		11.4	4.3	4.3	5.0		-0.063	0.000	0.000	
23:00:00	9.4	8.7		11.3	4.3	4.3	4.9		-0.066	0.000	0.000	
23:15:00	10.5	8.3		10.9	4.6	4.3	4.8		-0.067	0.000	0.000	
23:30:00	9.7	8.1		9.8	4.7	4.3	4.8		-0.068	0.000	0.000	
23:45:00	10.4	8.9		9.5	4.8	5.2	5.1		-0.072	0.000	0.000	



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