



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-09-25

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0 Max : 10.27	2943 SE	2693 S	2996 NE	2997 NW	Min : 70.88 Max : 93.56	Min : 58.20 Max : 97.00	Min : 29.81 Max : 30.12

Table 2 : Monitoring Summary

Site Action Level :	PM10 : 150 µg/m ³		PM2.5 : 35 µg/m ³		H2S : 10 PPM	
AQ-SN	Avg. PM10 Daily (µg/m ³)	Max. PM10-15-min Avg (µg/m ³)	Avg. PM2.5 Daily (µg/m ³)	Max. PM2.5-15-min Avg (µg/m ³)	Avg. H2S Daily (PPM)	Max. H2S-15-min Avg (PPM)
2693	9.4	25.9	2.5	10.8	0.001	0.052
2943	14.1	30.4	3.2	6.6	-0.011	0.071
2996	11.4	26.5	3.3	6.6	0.003	0.033
2997	20.5	49.9	3.9	9.7	0.005	0.045



Figure 1 : Monitoring Locations

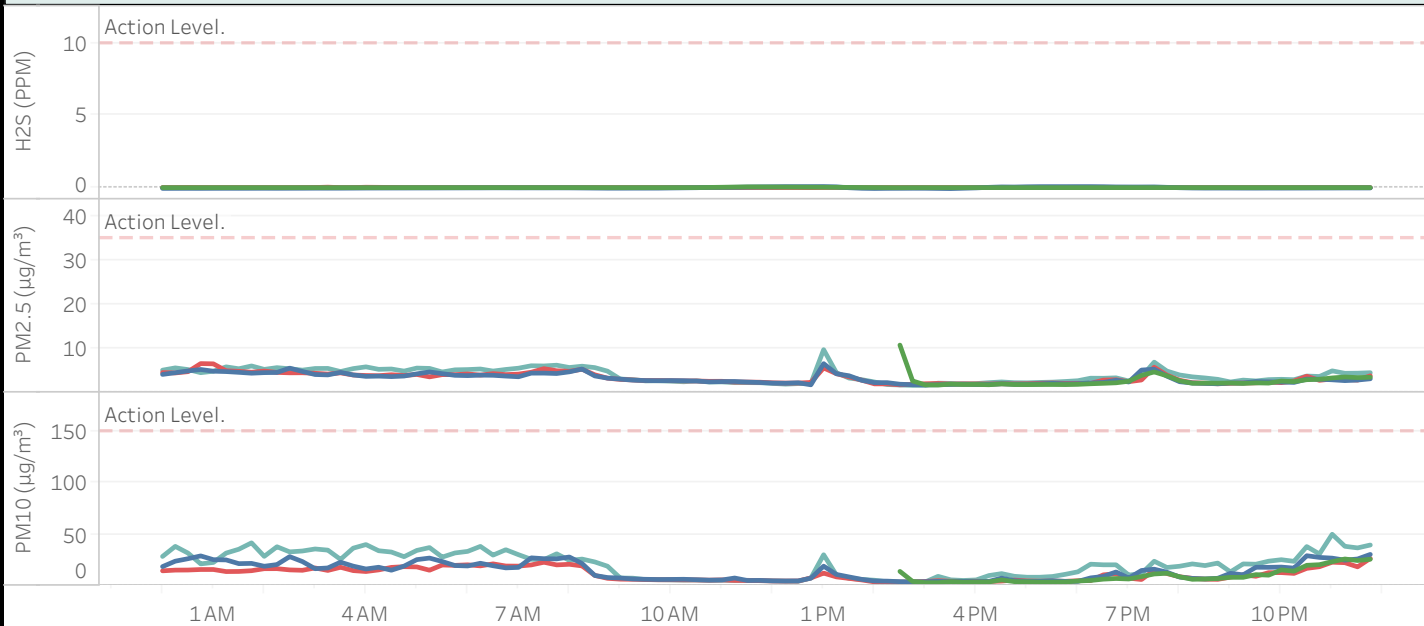


Figure 2 : 15 Minutes Average Concentrations

2693 2943 2996 2997



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Wind Rose Chart 2943

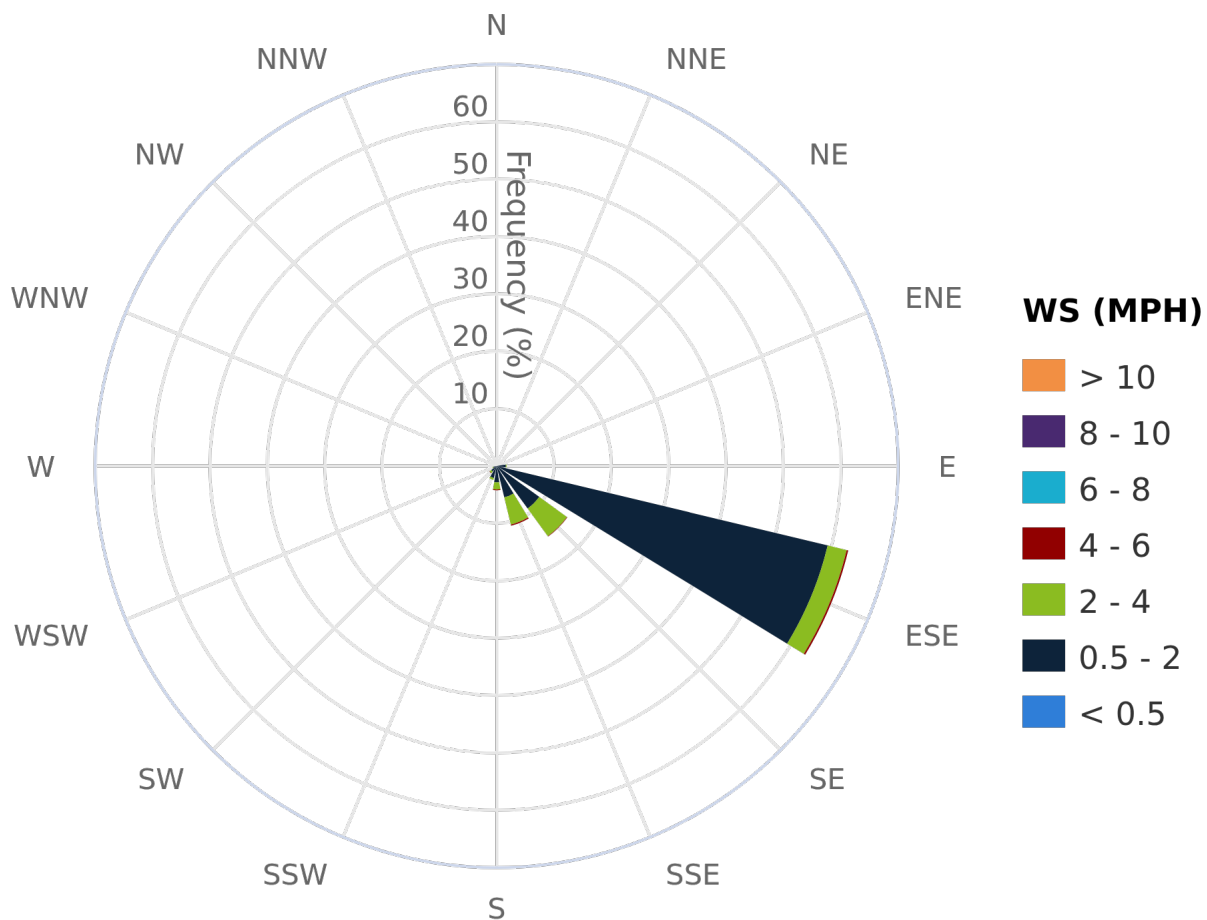


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

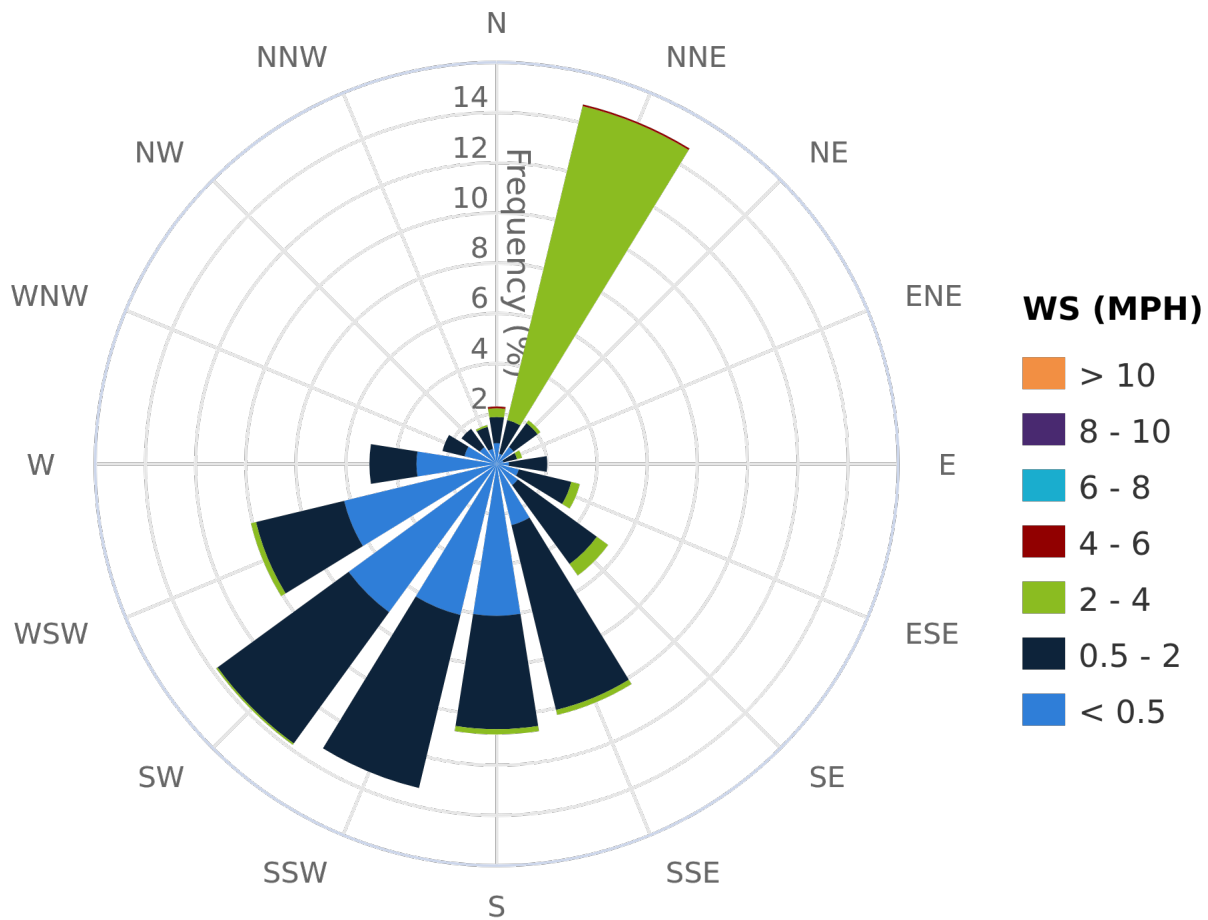


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

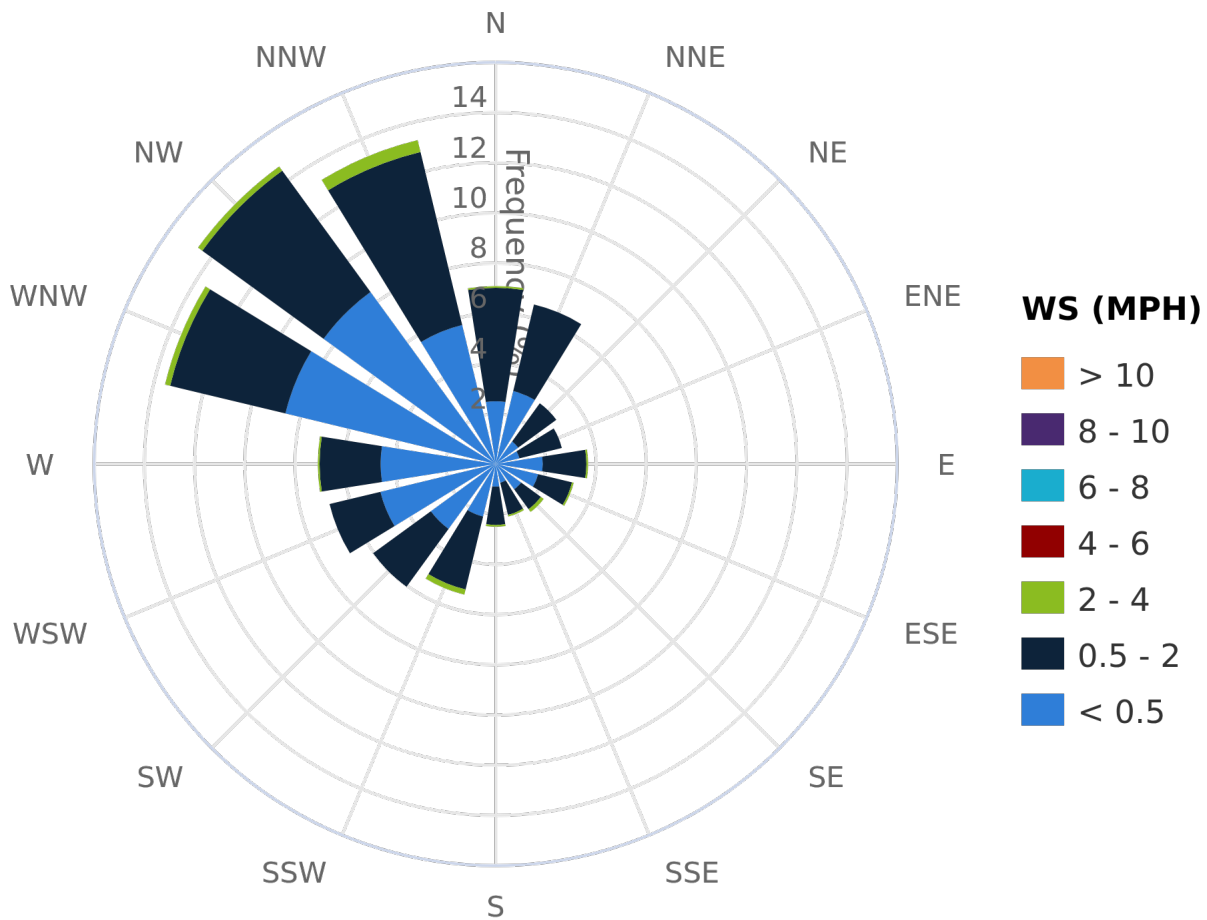


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
00:00:00	18.6		28.4	14.5	4.1		4.5	5.1	-0.055	0.000	0.000	0.000
00:15:00	23.8		38.2	15.2	4.5		4.4	5.6	-0.053	0.000	0.000	0.000
00:30:00	26.2		31.7	15.2	4.9		4.7	5.2	-0.052	0.000	0.007	0.000
00:45:00	28.9		21.2	15.7	5.2		6.6	4.5	-0.053	0.000	0.001	0.000
01:00:00	25.3		22.6	15.7	4.8		6.5	4.8	-0.050	0.000	0.000	0.000
01:15:00	25.0		31.6	13.8	4.8		4.9	5.8	-0.048	0.000	0.000	0.000
01:30:00	21.4		35.4	13.9	4.6		4.8	5.4	-0.049	0.000	0.000	0.000
01:45:00	21.7		41.6	14.6	4.4		4.6	6.0	-0.048	0.000	0.000	0.000
02:00:00	18.9		28.5	16.5	4.5		4.9	5.3	-0.046	0.000	0.000	0.000
02:15:00	20.5		37.8	16.6	4.6		4.6	5.6	-0.047	0.000	0.000	0.000
02:30:00	28.2		32.8	15.4	5.5		4.5	5.4	-0.045	0.000	0.000	0.000
02:45:00	23.5		33.7	15.0	4.8		4.5	5.1	-0.043	0.000	0.001	0.000
03:00:00	16.5		35.6	17.2	4.1		4.4	5.5	-0.040	0.000	0.009	0.000
03:15:00	17.3		34.5	14.8	4.0		4.2	5.5	-0.040	0.000	0.033	0.000
03:30:00	22.9		25.6	17.9	4.6		4.5	4.8	-0.039	0.000	0.000	0.000
03:45:00	19.0		36.4	14.7	4.0		4.0	5.4	-0.035		0.005	0.000
04:00:00	16.3		39.9	13.8	3.7		3.9	5.8	-0.031	0.000	0.027	0.000
04:15:00	17.9		33.9	15.4	3.7		3.8	5.3	-0.029	0.000	0.021	0.000
04:30:00	15.1		32.7	17.8	3.6		4.0	5.3	-0.028	0.000	0.014	0.000
04:45:00	19.0		28.2	18.5	3.8		3.9	4.9	-0.028	0.000	0.001	0.000
05:00:00	25.3		34.2	18.3	4.3		4.1	5.6	-0.026	0.000	0.000	0.000
05:15:00	26.8		37.0	15.1	4.7		3.6	5.5	-0.025	0.000	0.001	0.000
05:30:00	23.5		27.8	20.1	4.3		4.1	4.7	-0.023	0.000	0.004	0.000
05:45:00	19.6		31.8	19.8	3.9		4.1	5.2	-0.021	0.000	0.000	0.000
06:00:00	19.2		33.3	20.3	3.8		4.2	5.2	-0.019	0.000	0.000	0.000
06:15:00	21.8		38.1	19.3	4.0		4.0	5.3	-0.018	0.000	0.000	0.000
06:30:00	19.4		29.7	21.2	3.9		4.3	4.9	-0.015	0.000	0.000	0.000
06:45:00	17.3		34.9	19.1	3.7		4.1	5.2	-0.016		0.001	0.000
07:00:00	17.8		30.1	19.0	3.6		4.2	5.5	-0.019	0.000	0.000	0.000
07:15:00	27.1		25.6	20.2	4.4		4.6	6.1	-0.017	0.000	0.000	0.000
07:30:00	26.2		25.3	22.8	4.4		5.4	6.0	-0.019	0.000	0.000	0.000
07:45:00	26.0		30.9	20.2	4.3		4.9	6.2	-0.017	0.000	0.000	0.000
08:00:00	27.9		24.6	20.8	4.7		4.8	5.7	-0.019	0.000	0.000	0.000
08:15:00	21.6		25.8	19.2	5.3		5.3	6.0	-0.025	0.000	0.000	0.000
08:30:00	10.0		23.1	10.0	3.8		4.0	5.7	-0.033	0.000	0.000	0.000
08:45:00	8.0		18.9	7.2	3.3		3.3	4.9	-0.040	0.000	0.000	0.000
09:00:00	7.5		7.5	6.4	3.1		3.0	3.1	-0.040	0.000	0.000	0.000
09:15:00	6.6		7.4	6.3	2.8		2.9	2.9	-0.038	0.000	0.000	0.000
09:30:00	6.3		5.9	6.0	2.7		2.7	2.7	-0.037	0.000	0.000	0.000
09:45:00	6.1		5.8	5.8	2.7		2.7	2.7	-0.036	0.000	0.000	0.000
10:00:00	6.1		5.7	5.8	2.7		2.7	2.6	-0.025	0.000	0.000	0.000
10:15:00	6.3		5.4	5.7	2.7		2.7	2.5	-0.016	0.000	0.000	0.000
10:30:00	5.8		5.6	5.6	2.6		2.6	2.7	-0.006	0.000	0.000	0.000
10:45:00	5.4		5.3	5.4	2.4		2.6	2.4	0.012	0.014	0.000	0.001
11:00:00	5.6		5.4	5.7	2.5		2.6	2.4	0.017	0.026	0.001	0.005
11:15:00	7.5		5.0	5.2	2.5		2.4	2.3	0.023	0.040	0.005	0.014
11:30:00	5.1		5.3	5.1	2.4		2.4	2.3	0.038	0.052	0.007	0.023
11:45:00	5.2		4.9	5.0	2.3		2.4	2.2	0.047		0.008	0.031



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 2693 - PM10 (µg/m³)	Avg. 2997 - PM10 (µg/m³)	Avg. 2996 - PM10 (µg/m³)	Avg. 2943 - PM2.5 (µg/m³)	Avg. 2693 - PM2.5 (µg/m³)	Avg. 2996 - PM2.5 (µg/m³)	Avg. 2997 - PM2.5 (µg/m³)	Avg. 2943 - H2S (PPM)	Avg. 2693 - H2S (PPM)	Avg. 2996 - H2S (PPM)	Avg. 2997 - H2S (PPM)
12:00:00	4.7		4.7	4.6	2.2		2.2	2.1	0.056		0.006	0.032
12:15:00	4.6		4.4	4.6	2.1		2.2	1.9	0.064		0.006	0.039
12:30:00	4.7		4.3	4.6	2.2		2.2	2.0	0.064		0.004	0.041
12:45:00	7.3		7.5	7.6	1.8		2.3	2.1	0.066		0.000	0.042
13:00:00	19.0		30.0	12.2	6.6		5.6	9.7	0.069		0.007	0.045
13:15:00	11.0		10.5	8.6	4.3		4.3	4.5	0.048		0.009	0.041
13:30:00	8.6		7.2	7.1	3.8		3.6	3.3	-0.009		0.000	0.010
13:45:00	6.2		6.1	5.6	2.8		2.8	2.9	-0.046		0.000	0.000
14:00:00	4.7		5.4	3.7	2.3		2.0	2.4	-0.060		0.000	0.000
14:15:00	4.5		3.8	3.7	2.3		2.0	1.8	-0.051		0.000	0.000
14:30:00	4.0	13.9	3.6	3.5	1.9	10.8	1.8	1.7	-0.047	-0.004	0.000	0.000
14:45:00	3.8	4.2	3.3	3.9	1.8	2.6	1.9	1.6	-0.044	-0.001	0.000	0.000
15:00:00	3.9	3.0	3.8	4.2	1.7	1.8	2.0	1.7	-0.046	0.000	0.000	0.000
15:15:00	4.3	3.0	9.1	5.0	1.8	1.7	2.1	2.1	-0.057	0.000	0.000	0.000
15:30:00	4.0	4.0	5.7	4.4	1.8	1.9	1.9	2.1	-0.067	0.000	0.000	0.000
15:45:00	4.3	3.5	5.2	4.3	1.9	1.8	2.0	2.0	-0.043	0.000	0.000	0.000
16:00:00	4.1	3.6	5.7	4.4	1.8	1.9	2.0	2.1	-0.019	0.000	0.000	0.000
16:15:00	4.2	3.7	9.9	4.2	1.9	1.8	2.0	2.3	0.021	0.000	0.000	0.000
16:30:00	7.4	5.7	11.8	4.6	2.0	2.0	2.0	2.4	0.048	0.000	0.007	0.000
16:45:00	4.9	4.0	9.2	5.5	1.9	1.8	2.0	2.2	0.042	0.000	0.012	0.000
17:00:00	4.2	3.9	8.3	4.7	1.9	1.8	2.0	2.2	0.059	0.000	0.012	0.000
17:15:00	4.3	3.6	8.3	4.5	2.0	1.8	2.1	2.3	0.068	0.000	0.008	0.000
17:30:00	4.9	3.6	9.0	4.6	2.1	1.8	2.2	2.4	0.070	-0.001	0.007	0.000
17:45:00	4.3	3.7	11.1	4.3	2.0	1.8	2.1	2.5	0.069	0.000	0.002	0.000
18:00:00	4.3	4.6	13.5	4.9	2.0	1.9	2.1	2.7	0.071	0.000	0.000	0.000
18:15:00	7.6	5.1	20.9	5.0	2.2	2.0	2.1	3.3	0.070	0.000	0.000	0.003
18:30:00	9.0	6.4	20.3	10.6	2.3	2.1	2.8	3.2	0.064	0.000	0.000	0.011
18:45:00	13.4	7.0	20.3	11.7	2.8	2.2	2.9	3.3	0.048	0.000	0.003	0.013
19:00:00	7.4	6.6	10.4	7.4	2.4	2.6	2.5	2.6	0.045	0.000	0.003	0.013
19:15:00	14.8	8.9	11.7	6.1	5.1	3.9	2.9	3.6	0.043	0.000	0.003	0.022
19:30:00	16.1	11.4	23.8	14.9	5.3	4.7	5.8	6.9	0.043	0.000	0.008	0.031
19:45:00	13.1	12.1	17.7	11.8	3.7	3.8	4.0	4.9	0.019	0.000	0.004	0.021
20:00:00	8.4	8.7	18.9	8.7	2.5	2.7	2.8	4.0	-0.008	0.000	0.002	0.010
20:15:00	7.1	6.3	21.2	7.2	2.2	2.1	2.2	3.6	-0.026	0.000	0.000	0.003
20:30:00	6.6	6.6	19.5	6.4	2.1	2.2	2.1	3.3	-0.032	0.000	0.000	0.000
20:45:00	7.3	7.0	22.0	6.2	2.0	2.1	2.0	3.0	-0.032	0.001	0.000	0.000
21:00:00	12.0	8.2	13.4	8.4	2.2	2.2	2.1	2.4	-0.032	0.000	0.000	0.000
21:15:00	10.6	8.2	21.2	10.6	2.2	2.1	2.2	2.8	-0.035	0.000	0.000	0.000
21:30:00	17.9	10.8	20.9	9.2	2.5	2.2	2.2	2.6	-0.036	0.001	0.000	0.000
21:45:00	17.9	10.3	23.8	12.7	2.4	2.2	2.4	2.9	-0.033	0.000	0.000	0.000
22:00:00	18.1	15.4	25.2	12.7	2.4	2.6	2.3	3.0	-0.034	0.000	0.000	0.000
22:15:00	17.1	14.1	23.7	12.0	2.3	2.5	2.6	2.9	-0.032	0.000	0.000	0.000
22:30:00	29.1	19.8	38.0	16.9	3.1	2.9	3.7	3.8	-0.031	0.001	0.000	0.000
22:45:00	27.5	20.4	30.8	18.5	3.0	3.0	2.8	3.7	-0.028	0.000	0.000	0.000
23:00:00	26.8	23.3	49.9	22.8	2.9	3.3	3.1	4.9	-0.028	0.000	0.000	0.000
23:15:00	24.8	25.9	38.2	22.4	2.7	3.5	3.0	4.4	-0.025	-0.001	0.000	0.000
23:30:00	25.9	24.4	36.7	18.3	2.8	3.4	2.8	4.4	-0.025	0.000	0.000	0.000
23:45:00	30.4	25.7	39.5	26.5	3.1	3.5	3.8	4.5	-0.024	0.000	0.000	0.000



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