



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1570 Max : 10.25	2943 ENE	2693 None	2996 SSE	2997 NNE	Min : 37.40 Max : 80.24	Min : 40.40 Max : 77.10	Min : 30.21 Max : 30.40

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)
2943	12.0	91.1	3.9	13.2	-0.019	0.035
2996	8.3	18.0	3.4	6.6	0.022	0.053
2997	9.2	74.0	3.7	10.5	0.002	0.015



Figure 1 : Monitoring Locations

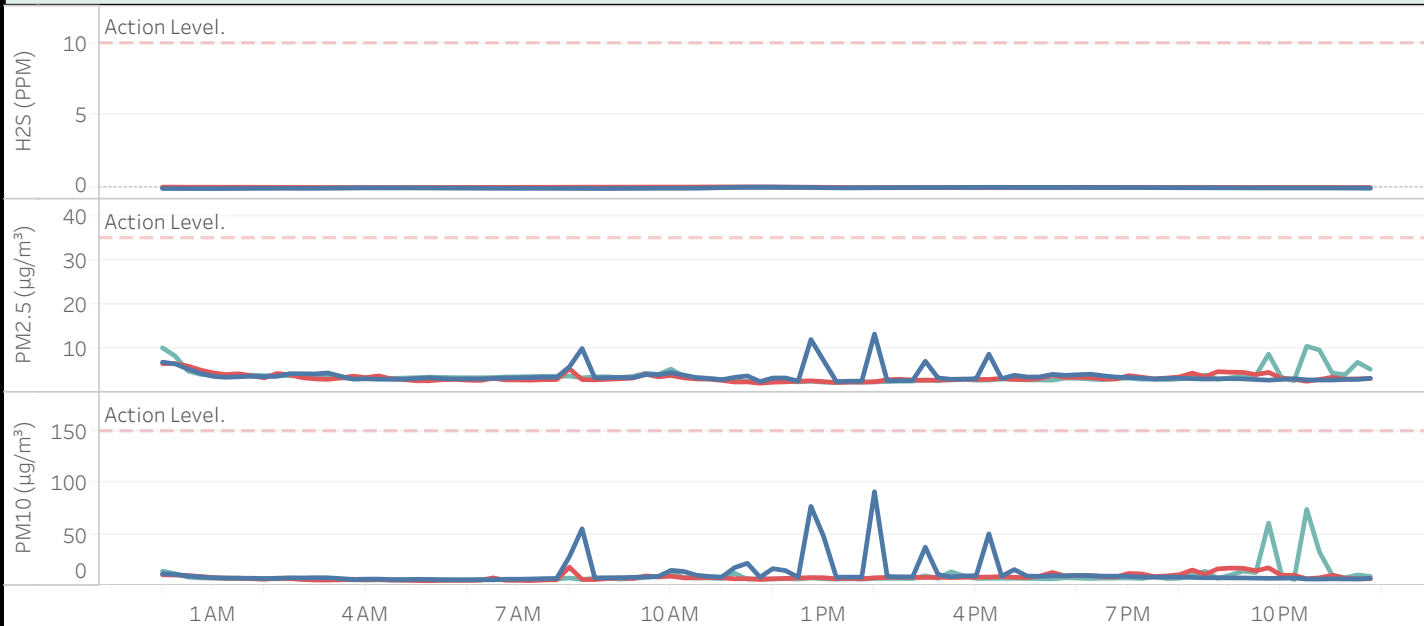


Figure 2 : 15 Minutes Average Concentrations

2943

2996

2997



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Wind Rose Chart 2943

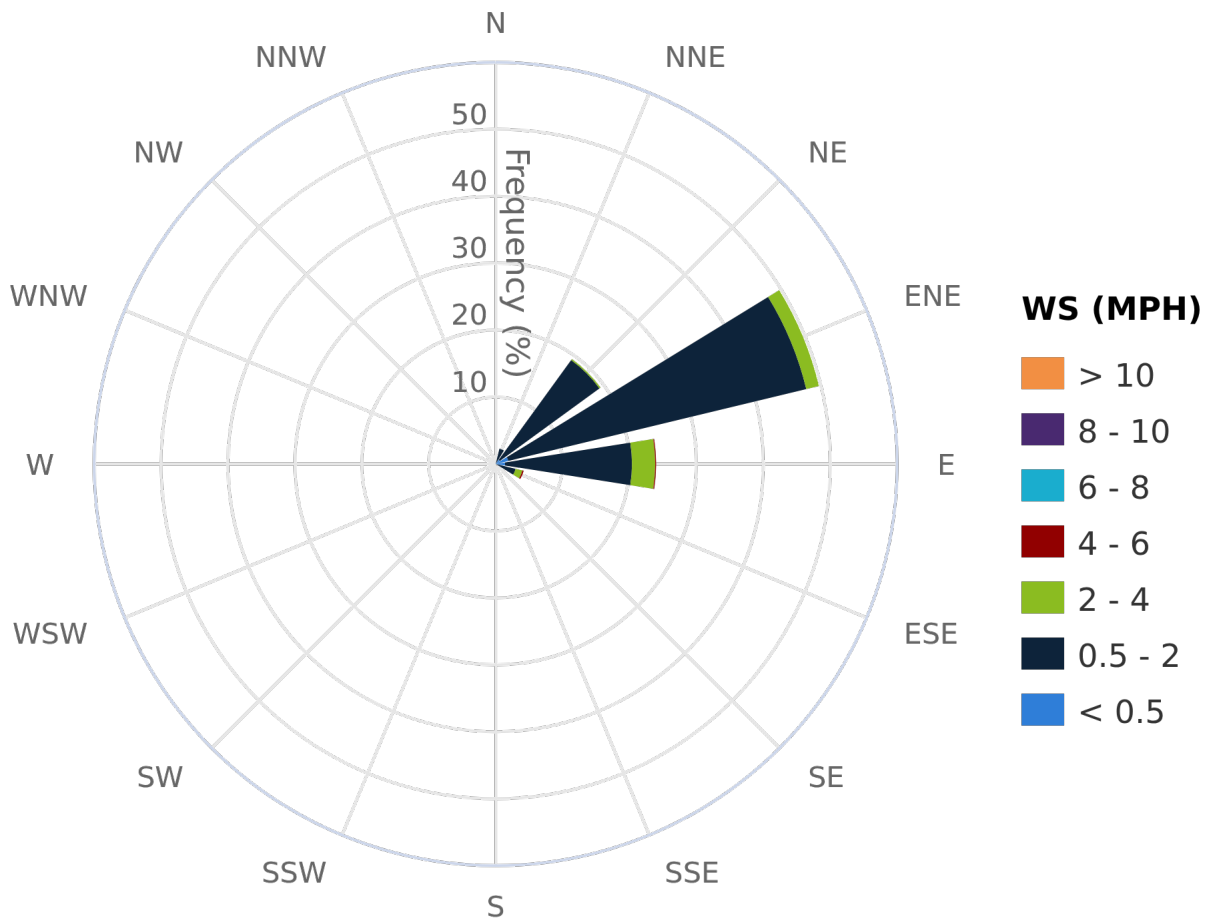


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

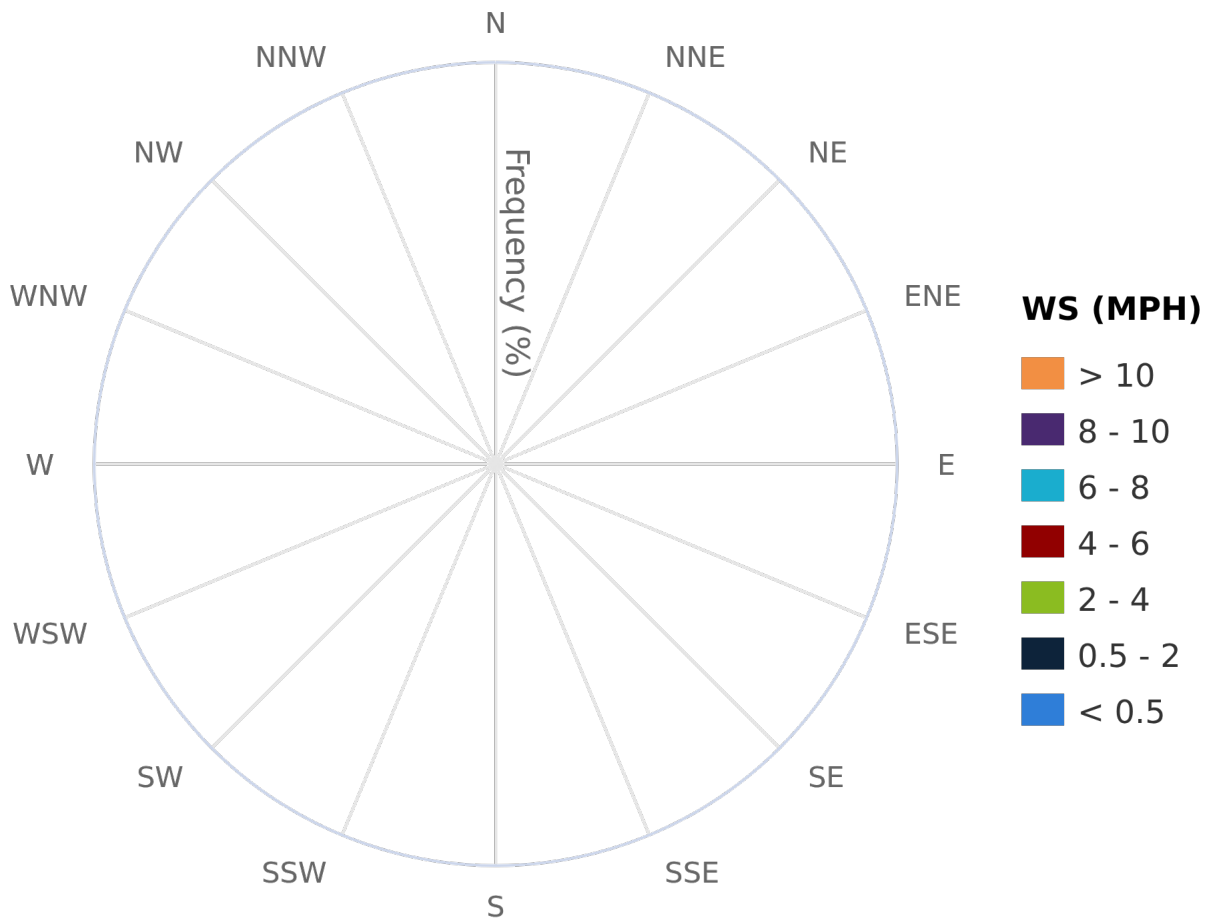


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

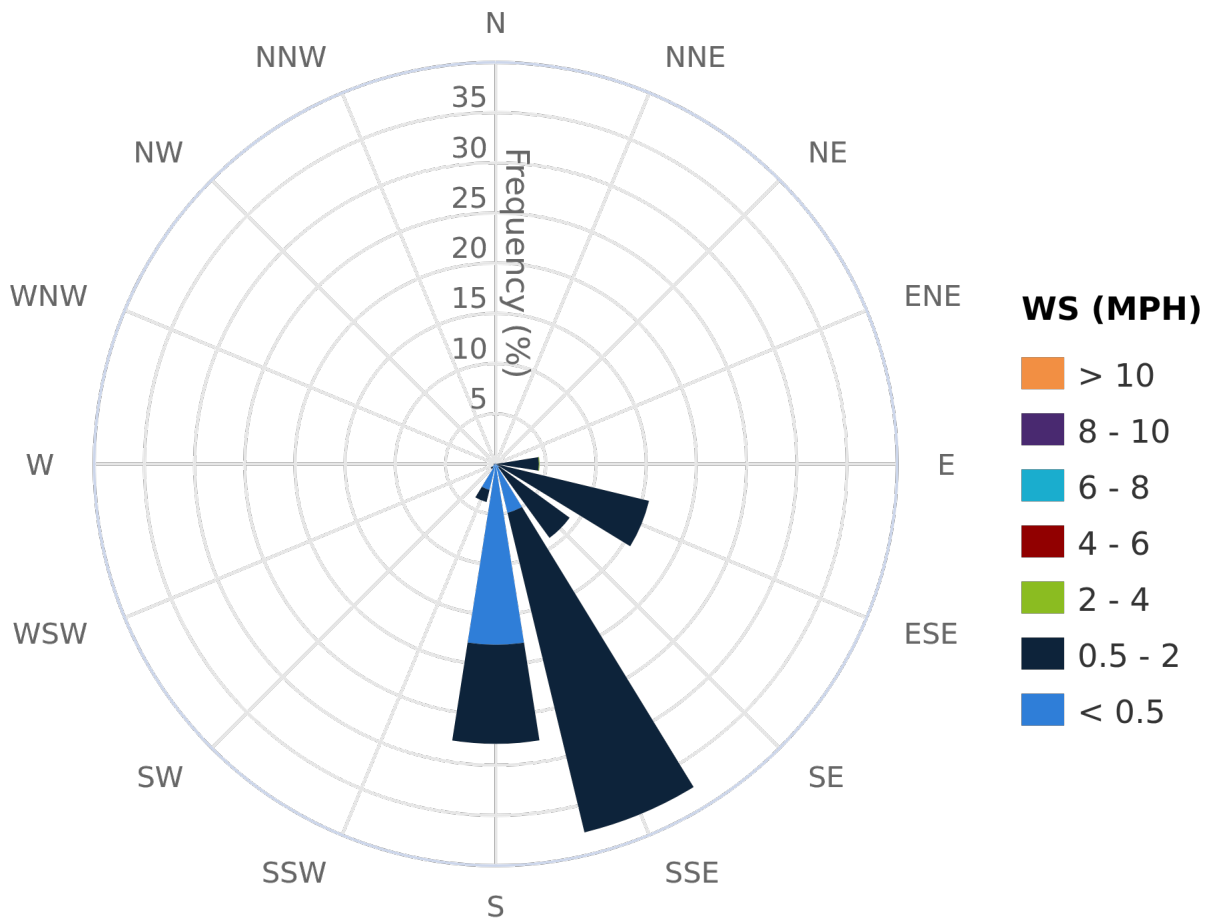


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

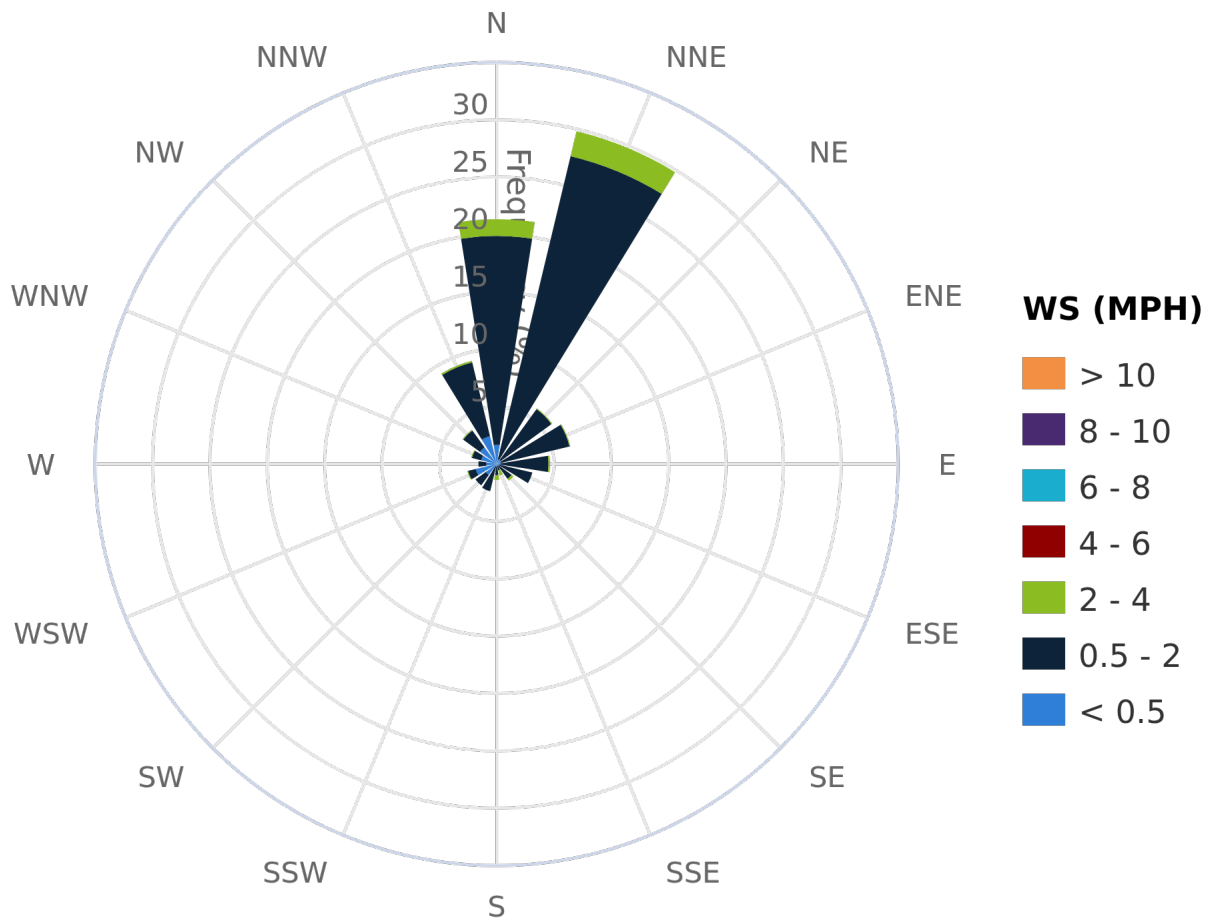


Figure 3 : Wind Rose Chart (WS in MPH)



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Table 3 : 15 Minute Average Concentrations (AM)

	Avg. 2943 - PM10 (µg/m³)	Avg. 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	11.6		14.2	10.6	6.9		6.6	10.1	-0.060		0.039	0.000
00:15:00	11.0		11.6	10.4	6.5		6.6	8.3	-0.061		0.036	0.000
00:30:00	9.5		8.3	9.9	5.3		6.0	4.9	-0.063		0.031	0.000
00:45:00	8.6		7.6	8.9	4.3		5.1	4.1	-0.063		0.031	0.000
01:00:00	7.8		7.3	7.9	3.7		4.4	3.9	-0.064		0.031	0.000
01:15:00	7.5		7.2	7.3	3.5		4.1	3.8	-0.061		0.029	0.000
01:30:00	7.3		7.0	7.4	3.6		4.3	3.9	-0.059		0.029	0.000
01:45:00	7.3		7.0	6.9	3.7		3.8	4.0	-0.051		0.029	0.000
02:00:00	7.0		6.9	6.3	3.6		3.4	3.8	-0.049		0.024	0.000
02:15:00	7.2		6.7	7.3	3.7		4.3	3.8	-0.046		0.020	0.000
02:30:00	7.8		6.9	7.0	4.3		4.0	3.8	-0.046		0.020	0.000
02:45:00	7.6		6.8	6.1	4.3		3.4	3.8	-0.049		0.018	0.000
03:00:00	7.8		6.8	5.6	4.2		3.1	3.8	-0.048		0.014	0.000
03:15:00	7.7		6.2	5.5	4.5		3.0	3.6	-0.039		0.009	0.000
03:30:00	7.0		5.8	5.8	3.7		3.3	3.3	-0.034		0.009	0.000
03:45:00	6.1		5.7	6.3	3.0		3.7	3.2	-0.025		0.008	0.000
04:00:00	6.4		5.6	5.8	3.1		3.4	3.2	-0.021		0.004	0.000
04:15:00	6.5		5.7	6.2	3.0		3.8	3.2	-0.019		0.004	0.000
04:30:00	6.0		5.6	5.5	3.0		3.1	3.2	-0.018		0.004	0.000
04:45:00	6.0		5.7	5.3	3.0		3.0	3.3	-0.020		0.007	0.000
05:00:00	6.2		5.8	5.0	3.2		2.7	3.4	-0.022		0.008	0.000
05:15:00	6.0		6.0	4.9	3.4		2.7	3.5	-0.023		0.011	0.000
05:30:00	5.8		5.9	5.1	3.2		2.9	3.4	-0.031		0.012	0.000
05:45:00	5.7		5.8	5.2	3.1		3.0	3.4	-0.031		0.014	0.000
06:00:00	5.8		5.7	5.2	3.1		2.8	3.4	-0.036		0.015	0.000
06:15:00	5.9		5.8	5.4	3.1		2.8	3.4	-0.041		0.020	0.000
06:30:00	5.8		5.8	7.6	3.2		3.2	3.4	-0.044		0.024	0.000
06:45:00	6.4		6.0	5.3	3.3		2.9	3.5	-0.045		0.022	0.000
07:00:00	6.3		6.1	5.2	3.4		2.9	3.6	-0.049		0.025	0.000
07:15:00	6.5		6.3	5.0	3.4		2.8	3.6	-0.047		0.028	0.000
07:30:00	6.9		6.5	5.6	3.5		2.9	3.7	-0.050		0.028	0.000
07:45:00	7.1		6.7	5.7	3.5		3.0	3.7	-0.051		0.029	0.000
08:00:00	28.1		7.5	18.0	5.8		5.4	3.8	-0.053		0.031	0.000
08:15:00	55.2		6.1	6.1	10.0		3.0	3.3	-0.056		0.033	0.000
08:30:00	7.6		7.1	6.0	3.3		2.9	3.6	-0.060		0.035	0.000
08:45:00	7.7		7.4	7.1	3.4		3.0	3.6	-0.062		0.035	0.000
09:00:00	7.8		6.4	7.5	3.4		3.1	3.4	-0.055		0.036	0.000
09:15:00	8.2		7.0	7.1	3.4		3.3	3.7	-0.052		0.038	0.000
09:30:00	8.5		8.1	9.5	4.1		4.2	4.4	-0.051		0.040	0.000
09:45:00	9.0		8.9	8.5	4.1		3.6	4.1	-0.043		0.041	0.000
10:00:00	14.9		13.9	9.3	4.5		3.9	5.3	-0.041		0.042	0.000
10:15:00	13.8		7.9	7.7	4.0		3.3	3.6	-0.043		0.041	0.000
10:30:00	10.2		7.5	7.7	3.4		3.1	3.4	-0.037		0.043	0.000
10:45:00	9.0		7.5	8.0	3.1		3.0	3.2	-0.021		0.048	0.000
11:00:00	8.4		7.1	7.6	2.9		2.8	3.0	0.003		0.051	0.000
11:15:00	17.6		12.1	6.8	3.5		2.4	2.8	0.021		0.053	0.005
11:30:00	21.8		6.4	6.9	3.8		2.4	2.5	0.034		0.053	0.012
11:45:00	8.3		6.9	6.0	2.5		2.1	2.5	0.035		0.052	0.014



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12:00:00	16.6		6.4	6.8	3.3		2.4	2.4	0.035		0.049	0.008
12:15:00	14.7		7.0	7.0	3.3		2.4	2.5	0.027		0.042	0.000
12:30:00	8.3		6.5	7.5	2.6		2.6	2.4	0.022		0.038	0.000
12:45:00	76.9		7.6	7.9	12.0		2.7	2.6	0.016		0.032	0.000
13:00:00	47.8		6.7	7.8	7.2		2.5	2.4	-0.003		0.023	0.000
13:15:00	8.2		6.4	6.8	2.5		2.3	2.3	-0.013		0.012	0.000
13:30:00	8.4		6.7	7.1	2.6		2.4	2.4	-0.018		0.004	0.000
13:45:00	8.3		6.4	6.8	2.6		2.4	2.4	-0.012		0.001	0.000
14:00:00	91.1		7.0	7.7	13.2		2.5	2.4	-0.004		0.000	0.000
14:15:00	9.0		7.2	8.1	2.7		2.9	2.5	-0.001		0.003	0.000
14:30:00	8.6		7.2	8.3	2.7		3.0	2.6	0.004		0.002	0.000
14:45:00	8.5		7.0	8.3	2.7		2.8	2.6	0.006		0.002	0.000
15:00:00	37.4		9.7	8.0	7.1		2.8	2.9	0.010		0.003	0.000
15:15:00	10.8		7.2	8.2	3.3		2.9	2.7	0.010		0.004	0.001
15:30:00	8.7		13.5	7.9	3.0		2.9	3.0	0.013		0.008	0.007
15:45:00	9.5		9.7	8.2	3.0		3.0	3.1	0.020		0.012	0.008
16:00:00	9.7		7.1	8.3	3.2		3.0	2.8	0.022		0.014	0.011
16:15:00	50.3		7.2	8.4	8.7		3.0	2.8	0.024		0.014	0.012
16:30:00	9.3		7.2	9.0	3.2		3.2	3.1	0.025		0.014	0.013
16:45:00	15.7		7.3	8.1	3.9		3.0	3.0	0.022		0.017	0.014
17:00:00	9.4		7.2	7.9	3.5		3.0	2.9	0.021		0.018	0.015
17:15:00	9.1		6.8	9.4	3.6		3.2	2.9	0.022		0.020	0.013
17:30:00	9.7		6.7	12.9	4.1		4.0	2.8	0.020		0.021	0.010
17:45:00	9.7		7.7	9.4	3.9		3.4	3.3	0.020		0.023	0.010
18:00:00	10.0		7.5	10.1	4.1		3.5	3.2	0.016		0.023	0.007
18:15:00	9.8		7.1	9.9	4.2		3.4	3.1	0.014		0.024	0.007
18:30:00	9.3		7.3	8.8	3.8		3.1	2.9	0.011		0.023	0.006
18:45:00	9.3		7.5	8.5	3.5		3.1	3.2	0.010		0.023	0.004
19:00:00	9.1		7.6	11.9	3.4		3.8	3.3	0.008		0.022	0.002
19:15:00	8.5		7.0	11.4	3.3		3.5	3.0	0.007		0.021	0.001
19:30:00	8.3		8.9	8.9	3.1		3.1	3.0	0.004		0.022	0.000
19:45:00	8.4		7.0	9.5	3.2		3.3	2.9	0.000		0.020	0.000
20:00:00	8.3		7.4	10.7	3.3		3.5	3.1	-0.003		0.019	0.000
20:15:00	8.1		10.7	15.3	3.2		4.4	3.4	-0.006		0.018	0.000
20:30:00	7.7		14.0	10.9	3.1		3.6	3.9	-0.008		0.017	0.000
20:45:00	7.7		7.2	16.4	3.1		4.7	3.0	-0.012		0.017	0.000
21:00:00	7.6		10.3	17.1	3.2		4.6	3.3	-0.013		0.016	0.000
21:15:00	7.6		14.1	17.0	3.1		4.6	3.9	-0.017		0.013	0.000
21:30:00	7.4		12.8	14.5	3.0		4.1	3.9	-0.019		0.014	0.000
21:45:00	7.2		60.7	17.4	2.8		4.6	8.7	-0.021		0.013	0.000
22:00:00	7.3		11.1	10.2	3.0		3.3	3.5	-0.023		0.014	0.000
22:15:00	7.5		6.0	10.2	3.1		3.0	2.7	-0.023		0.012	0.000
22:30:00	6.6		74.0	6.7	2.9		2.6	10.5	-0.022		0.013	0.000
22:45:00	6.5		32.7	7.7	2.8		3.0	9.6	-0.024		0.010	0.000
23:00:00	6.8		10.3	10.2	2.8		3.5	4.4	-0.026		0.009	0.000
23:15:00	6.6		7.7	7.4	3.0		3.1	4.0	-0.031		0.009	0.000
23:30:00	6.7		10.5	6.6	3.0		3.1	6.9	-0.034		0.007	0.000
23:45:00	7.1		9.0	6.9	3.2		3.2	5.3	-0.039		0.006	0.000



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