



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-29

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 18.28	2943 SE	2693 None	2996 SW	2997 WSW	Min : 57.20 Max : 80.24	Min : 55.90 Max : 92.40	Min : 29.72 Max : 30.02

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)
2693						
2943	7.5	18.6	3.9	7.5	0.011	0.054
2996	6.4	15.1	3.5	7.1	0.000	0.001
2997	6.5	9.1	4.2	6.6	0.009	0.074



Figure 1 : Monitoring Locations

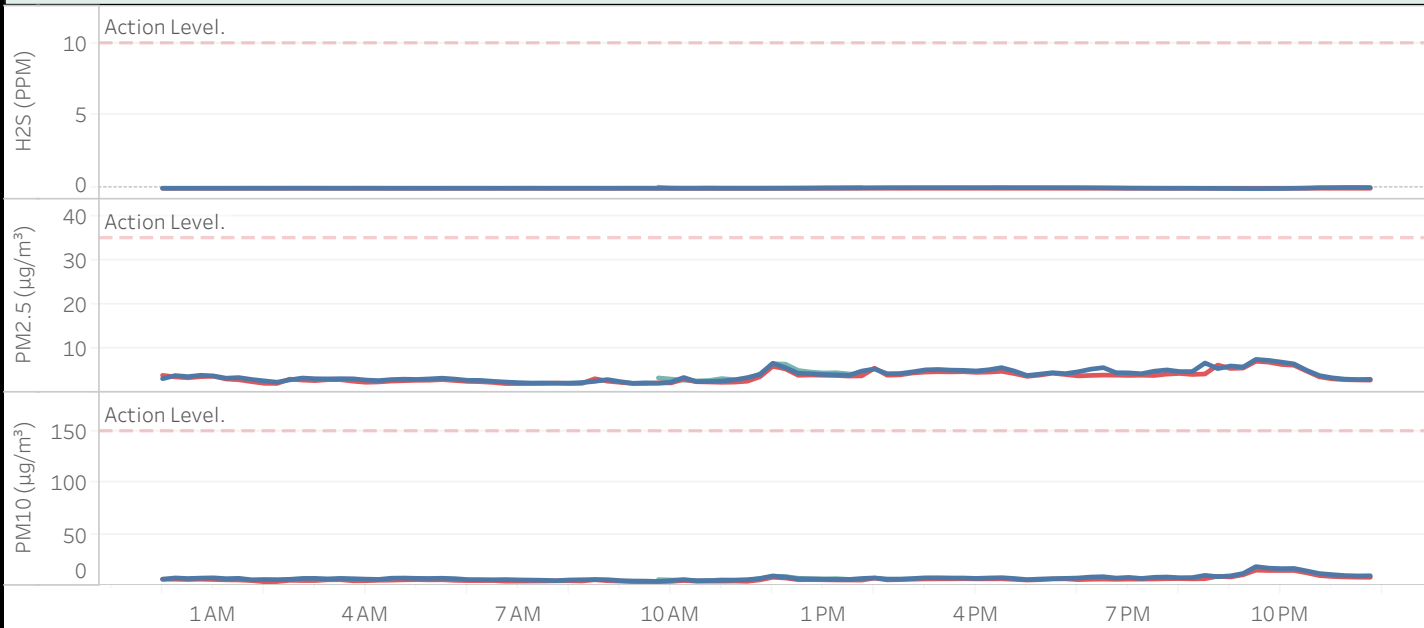


Figure 2 : 15 Minutes Average Concentrations

2943 2996 2997



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Wind Rose Chart 2943

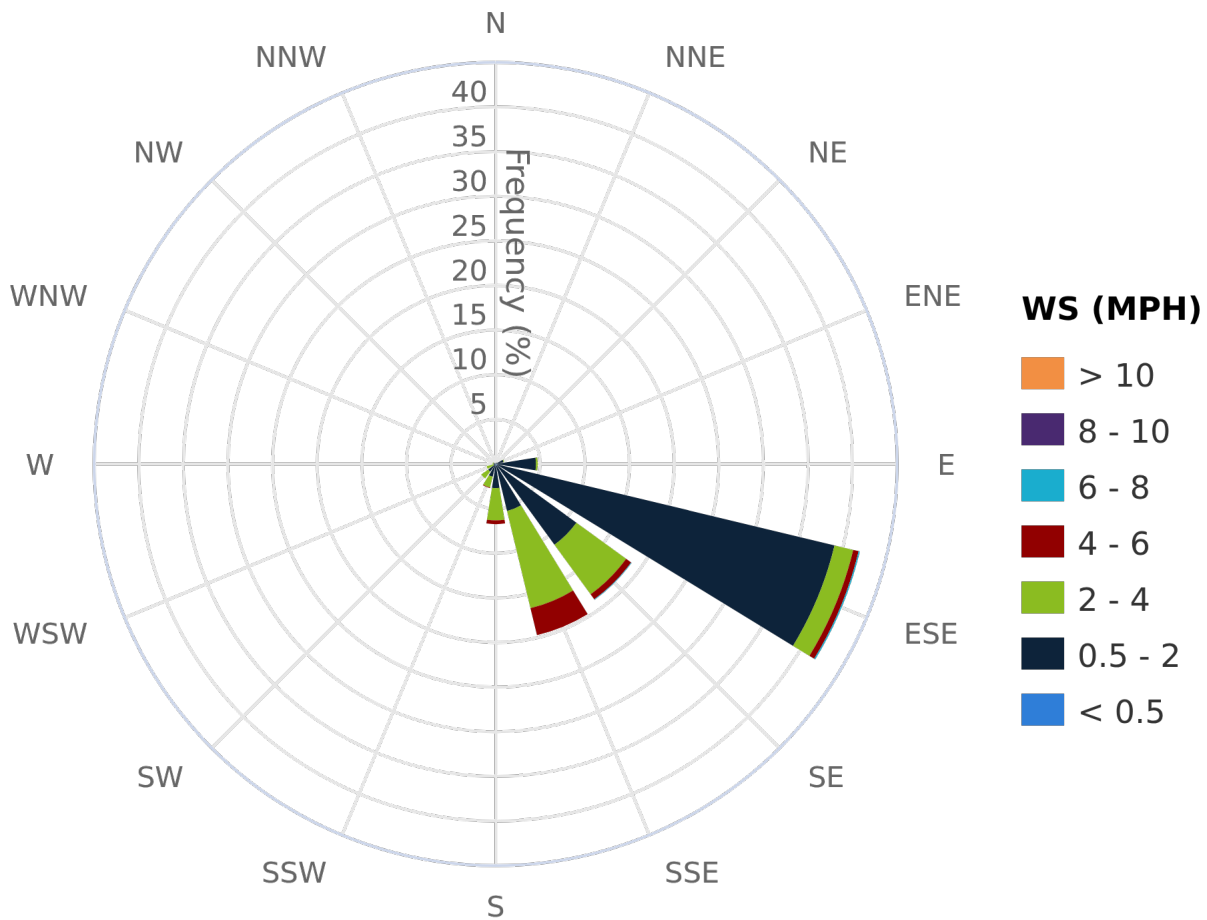


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

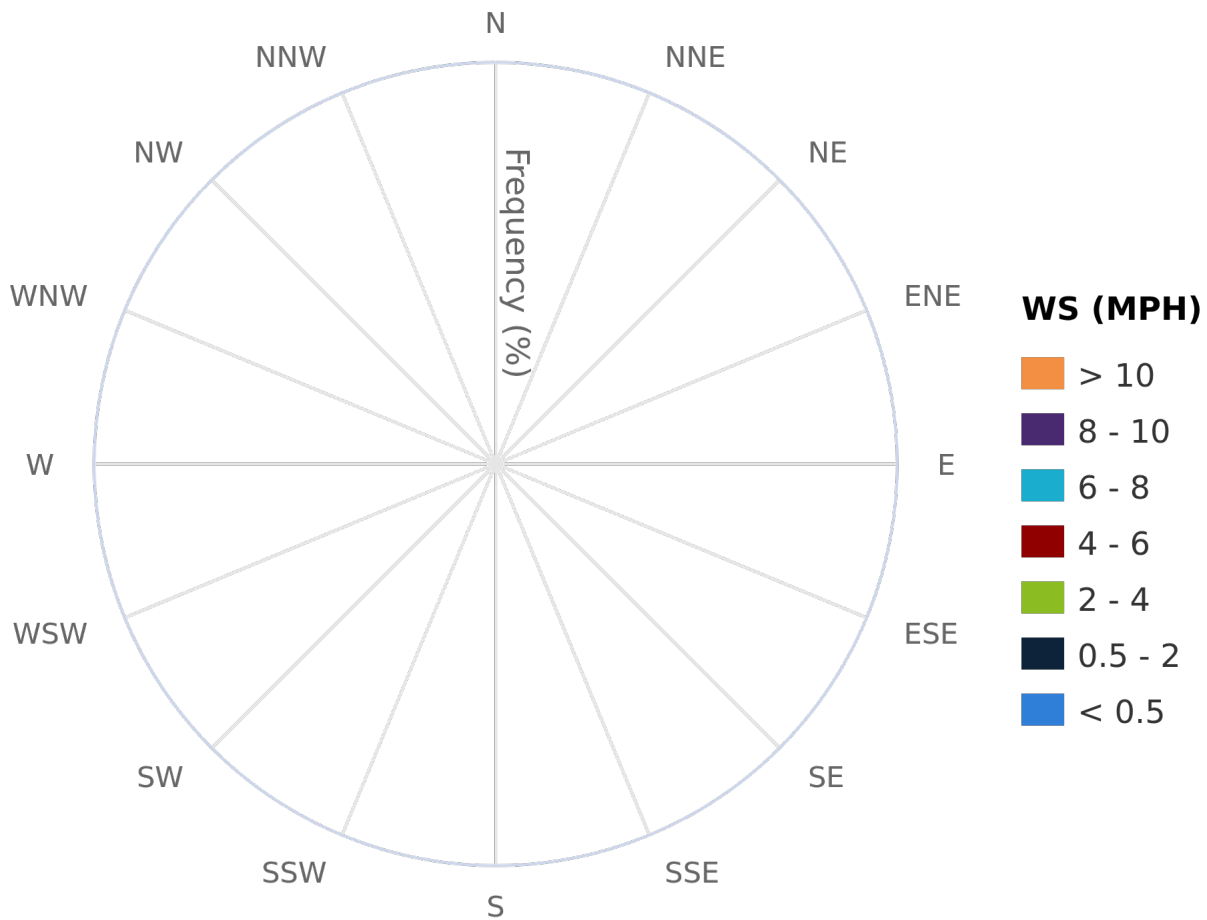


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-10-29

Wind Rose Chart 2996

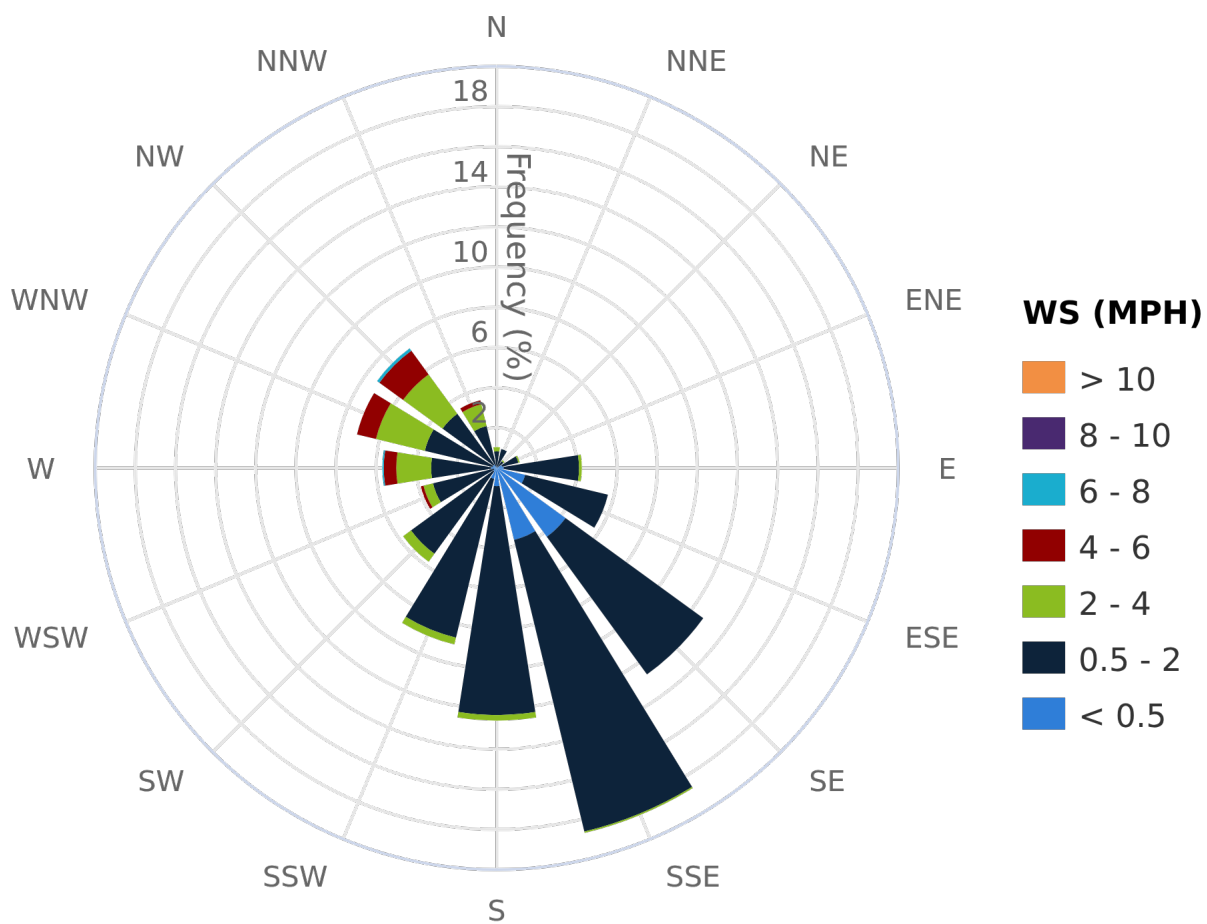


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-10-28

Wind Rose Chart 2997

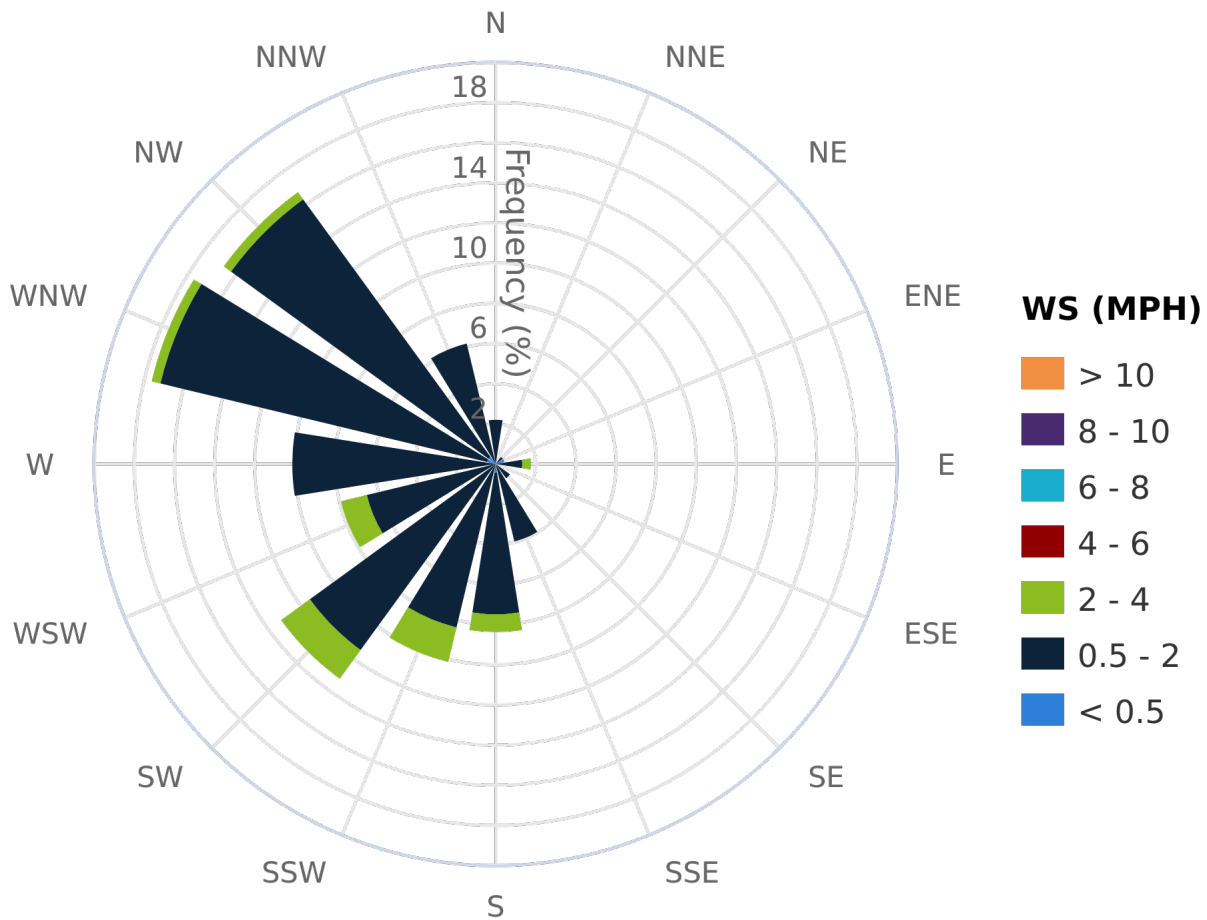


Figure 3 : Wind Rose Chart (WS in MPH)



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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	6.3			6.4	3.2		3.9		-0.003		0.000	
00:15:00	7.6			6.4	3.9		3.6		-0.004		0.000	
00:30:00	7.0			6.1	3.6		3.4		-0.003		0.000	
00:45:00	7.4			6.4	3.9		3.6		-0.002		0.000	
01:00:00	7.7			6.1	3.8		3.7		-0.002		0.000	
01:15:00	6.9			5.7	3.3		3.1		-0.001		0.000	
01:30:00	7.2			5.6	3.4		2.9		-0.001		0.000	
01:45:00	5.8			5.0	3.0		2.5		0.001		0.000	
02:00:00	6.1			3.9	2.7		2.1		0.000		0.000	
02:15:00	5.9			4.1	2.4		2.1		0.001		0.000	
02:30:00	6.2			5.3	2.9		3.0		0.003		0.000	
02:45:00	7.1			5.1	3.3		2.8		0.003		0.000	
03:00:00	7.2			5.0	3.1		2.7		0.003		0.000	
03:15:00	6.7			5.8	3.1		2.9		0.000		0.000	
03:30:00	7.2			5.9	3.2		2.9		0.000		0.000	
03:45:00	6.8			4.8	3.1		2.6		0.001		0.000	
04:00:00	6.4			4.9	2.8		2.3		0.002		0.000	
04:15:00	6.2			5.3	2.7		2.4		0.001		0.000	
04:30:00	7.3			5.5	2.9		2.6		-0.002		0.000	
04:45:00	7.5			5.8	3.0		2.7		-0.001		0.000	
05:00:00	7.2			5.9	3.0		2.8		-0.002		0.000	
05:15:00	7.1			5.7	3.1		2.8		-0.002		0.000	
05:30:00	7.3			5.8	3.3		3.0		-0.002		0.000	
05:45:00	6.9			5.2	3.1		2.7		0.000		0.000	
06:00:00	6.0			5.0	2.8		2.5		-0.001		0.000	
06:15:00	5.9			5.0	2.8		2.5		-0.001		0.000	
06:30:00	5.8			5.1	2.6		2.3		-0.001		0.000	
06:45:00	6.0			4.4	2.4		2.0		-0.001		0.000	
07:00:00	5.7			4.5	2.3		2.0		0.000		0.000	
07:15:00	5.5			4.6	2.2		2.1		0.001		0.000	
07:30:00	5.3			4.6	2.2		2.1		-0.001		0.000	
07:45:00	4.9			4.8	2.1		2.2		-0.001		0.000	
08:00:00	5.6			4.8	2.2		2.1		-0.001		0.000	
08:15:00	5.8			4.6	2.3		2.1		-0.001		0.000	
08:30:00	6.0			5.8	2.5		3.1		0.000		0.000	
08:45:00	5.9			4.9	2.9		2.6		-0.002		0.000	
09:00:00	5.0			4.5	2.5		2.3		0.001		0.000	
09:15:00	4.6			4.1	2.1		2.1		0.001		0.000	
09:30:00	4.5			4.0	2.2		2.1		0.002		0.000	
09:45:00	4.2		6.0	4.2	2.1		2.2	3.3	-0.001		0.000	0.074
10:00:00	5.0		5.6	4.2	2.4		2.2	3.1	0.001		0.000	0.011
10:15:00	6.0		5.3	5.1	3.4		3.0	2.8	0.001		0.000	0.000
10:30:00	4.9		4.8	4.4	2.5		2.5	2.6	0.001		0.000	0.002
10:45:00	5.0		4.9	4.4	2.5		2.4	2.8	0.001		0.000	0.015
11:00:00	5.2		5.8	4.4	2.6		2.3	3.2	0.002		0.000	0.001
11:15:00	5.5		5.3	4.6	2.9		2.4	2.9	0.002		0.000	0.000
11:30:00	5.8		5.5	4.3	3.4		2.6	3.1	0.002		0.000	0.000
11:45:00	7.1		6.7	5.7	4.1		3.6	4.2	0.002		0.000	0.000



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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	9.5		9.1	8.2	6.6		6.0	6.6	0.004		0.000	0.001
12:15:00	8.4		9.0	7.5	5.6		5.4	6.4	0.006		0.000	0.002
12:30:00	6.7		7.3	5.9	4.4		3.9	5.0	0.008		0.000	0.006
12:45:00	6.6		6.8	5.9	4.3		4.0	4.6	0.009		0.000	0.012
13:00:00	6.4		6.6	5.8	4.1		3.9	4.5	0.017		0.001	0.020
13:15:00	6.1		6.9	5.6	4.0		3.9	4.5	0.019		0.000	0.024
13:30:00	6.1		6.2	5.6	3.9		3.7	4.2	0.023		0.000	0.033
13:45:00	7.0		5.9	5.5	4.9		3.8	4.0	0.029		0.000	0.038
14:00:00	7.6			7.4	5.4		5.5		0.033		0.001	
14:15:00	6.5			5.7	4.3		3.9		0.039		0.001	
14:30:00	6.5			5.9	4.3		4.0		0.040		0.000	
14:45:00	7.0			6.3	4.7		4.4		0.041		0.001	
15:00:00	7.7			6.6	5.1		4.6		0.041		0.001	
15:15:00	7.7			6.7	5.2		4.7		0.041		0.000	
15:30:00	7.5			6.7	5.1		4.7		0.044		0.000	
15:45:00	7.5			6.9	5.0		4.7		0.043		0.000	
16:00:00	7.1			6.7	4.9		4.6		0.041		0.000	
16:15:00	7.5			6.7	5.2		4.7		0.044		0.000	
16:30:00	7.8			6.8	5.6		4.8		0.045		0.000	
16:45:00	7.0			6.2	4.9		4.3		0.044		0.000	
17:00:00	6.0			5.6	3.9		3.7		0.043		0.000	
17:15:00	6.5			5.9	4.2		4.0		0.043		0.000	
17:30:00	6.9			6.6	4.5		4.4		0.042		0.000	
17:45:00	7.2			6.7	4.3		4.1		0.040		0.000	
18:00:00	7.5			5.9	4.7		3.8		0.039		0.000	
18:15:00	8.4			6.3	5.3		3.9		0.035		0.000	
18:30:00	8.8			6.5	5.7		4.0		0.030		0.000	
18:45:00	7.5			6.2	4.5		3.9		0.022		0.000	
19:00:00	8.1			6.4	4.5		3.9		0.010		0.000	
19:15:00	7.1			6.4	4.3		3.9		0.005		0.000	
19:30:00	8.2			6.6	4.8		3.9		0.001		0.000	
19:45:00	8.5			6.8	5.1		4.2		-0.001		0.000	
20:00:00	7.8			7.0	4.8		4.3		-0.001		0.000	
20:15:00	7.9			6.7	4.8		4.1		-0.003		0.000	
20:30:00	10.1			6.9	6.7		4.2		-0.008		0.000	
20:45:00	8.8			9.2	5.4		6.2		-0.012		0.000	
21:00:00	9.6			8.5	6.0		5.5		-0.017		0.000	
21:15:00	11.9			10.7	5.8		5.6		-0.022		0.000	
21:30:00	18.6			15.1	7.5		7.1		-0.023		0.000	
21:45:00	17.1			14.8	7.3		6.9		-0.022		0.000	
22:00:00	16.6			14.8	6.9		6.4		-0.015		0.000	
22:15:00	16.8			14.8	6.5		6.2		-0.003		0.000	
22:30:00	14.3			12.5	5.0		4.9		0.012		0.000	
22:45:00	11.8			9.9	3.9		3.6		0.042		0.000	
23:00:00	10.8			9.0	3.3		3.1		0.046		0.000	
23:15:00	9.9			8.5	3.1		2.9		0.054		0.000	
23:30:00	9.5			8.3	3.0		2.9		0.054		0.000	
23:45:00	9.7			8.2	3.0		2.8		0.049		0.000	



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