



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-10-31

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1000 Max : 25.52	2943 ESE	2693 None	2996 None	2997 NW	Min : 43.88 Max : 82.58	Min : 33.00 Max : 87.50	Min : 29.96 Max : 30.21

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	13.7	101.4	3.6	21.2	-0.036	0.039
2997	7.2	15.5	3.2	6.5	0.026	0.107



Figure 1 : Monitoring Locations

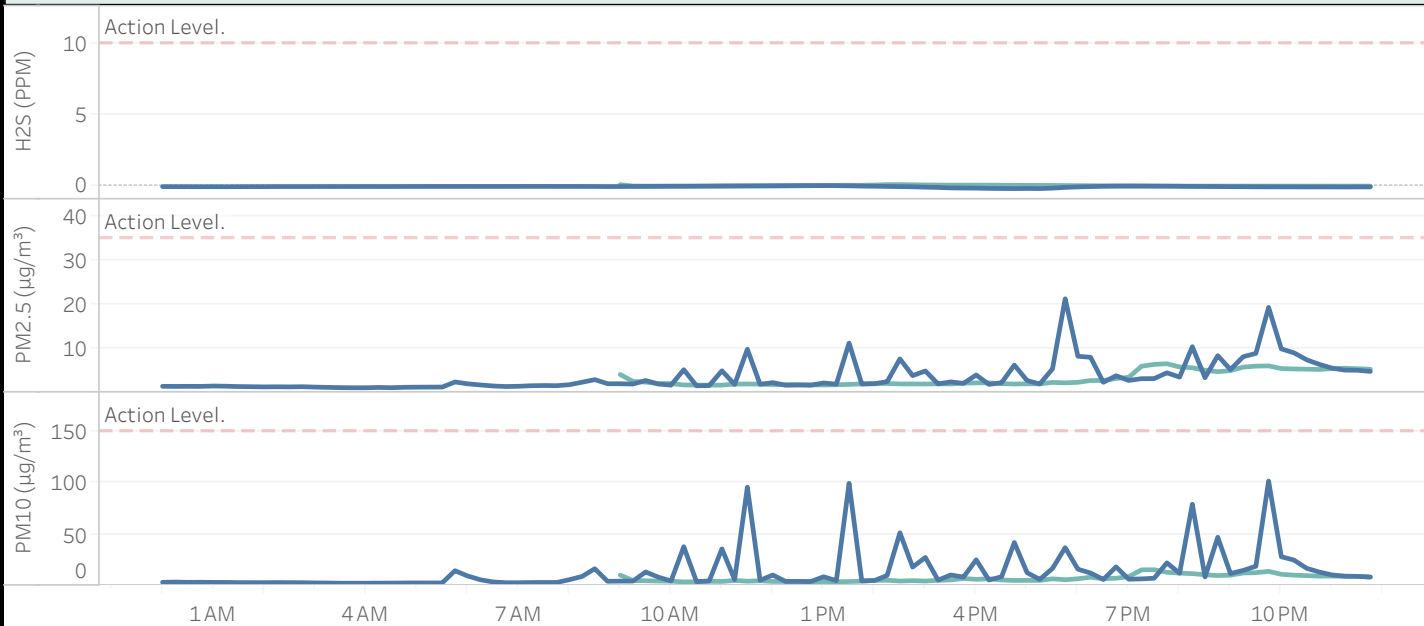


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2997



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Wind Rose Chart 2943

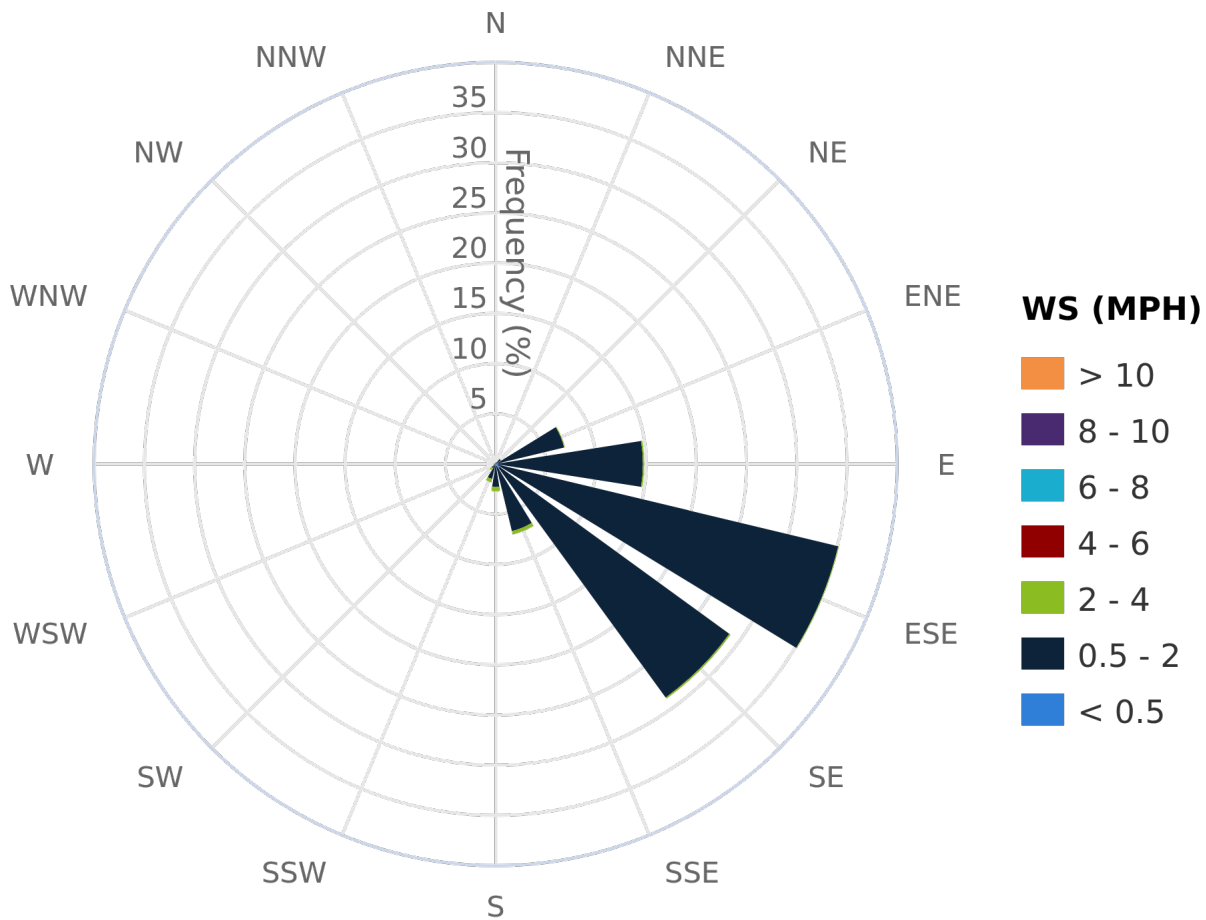


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

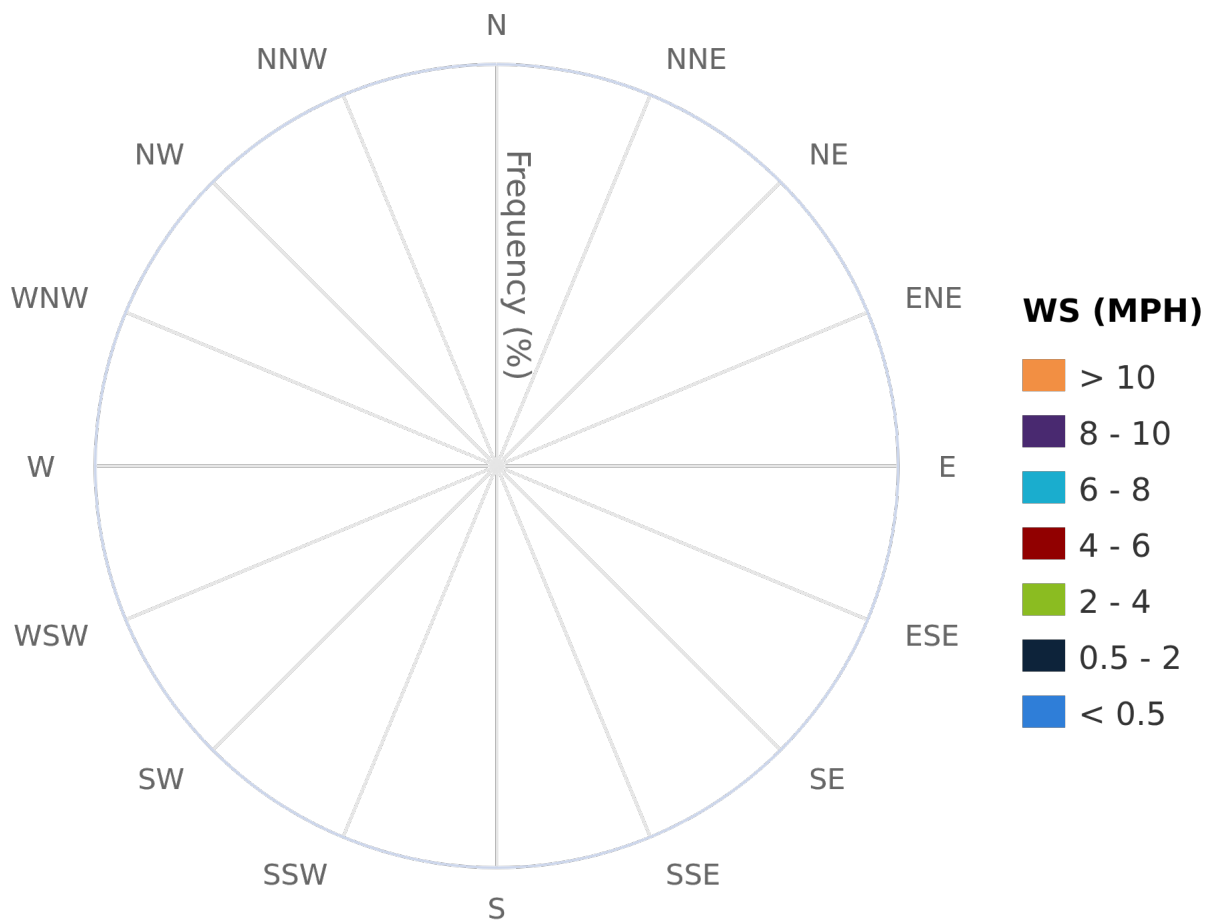


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2996

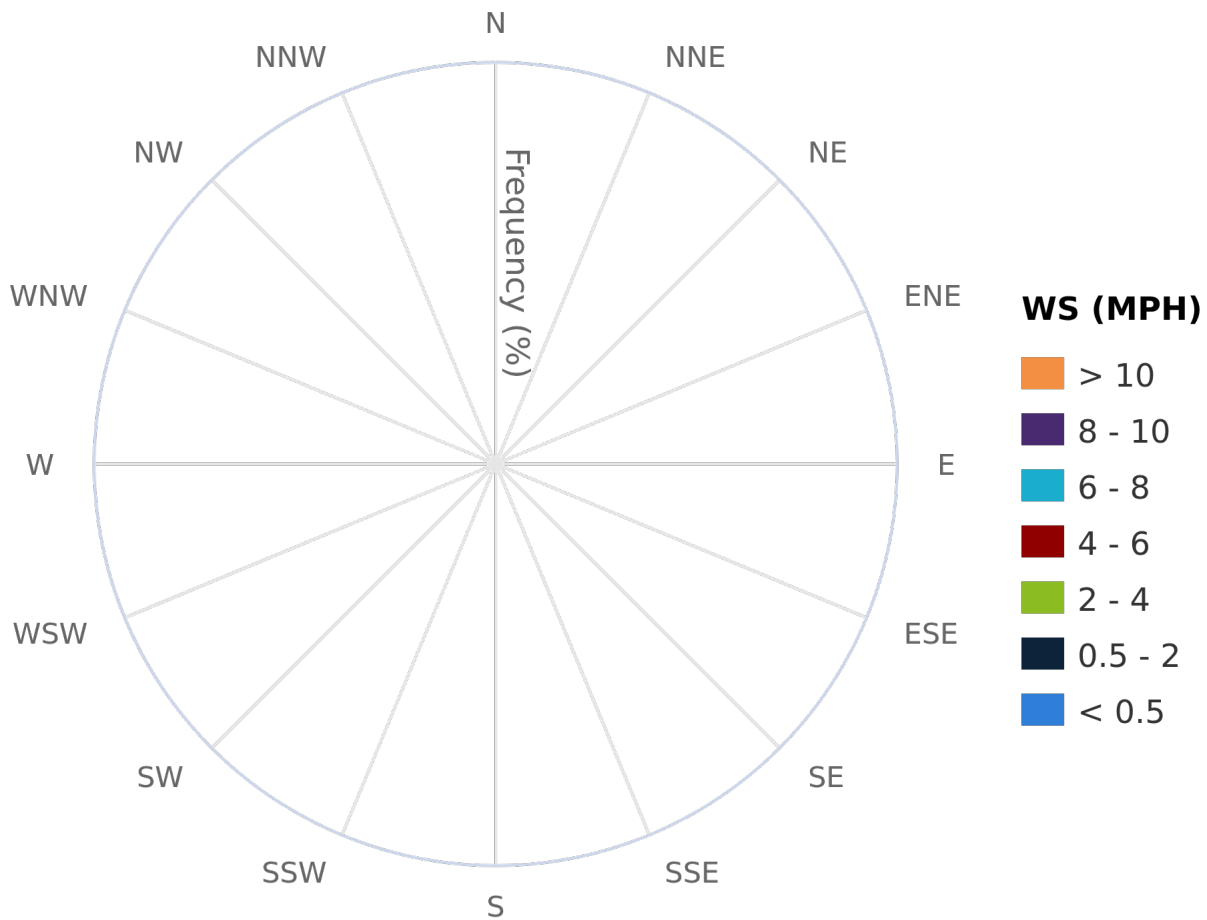


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

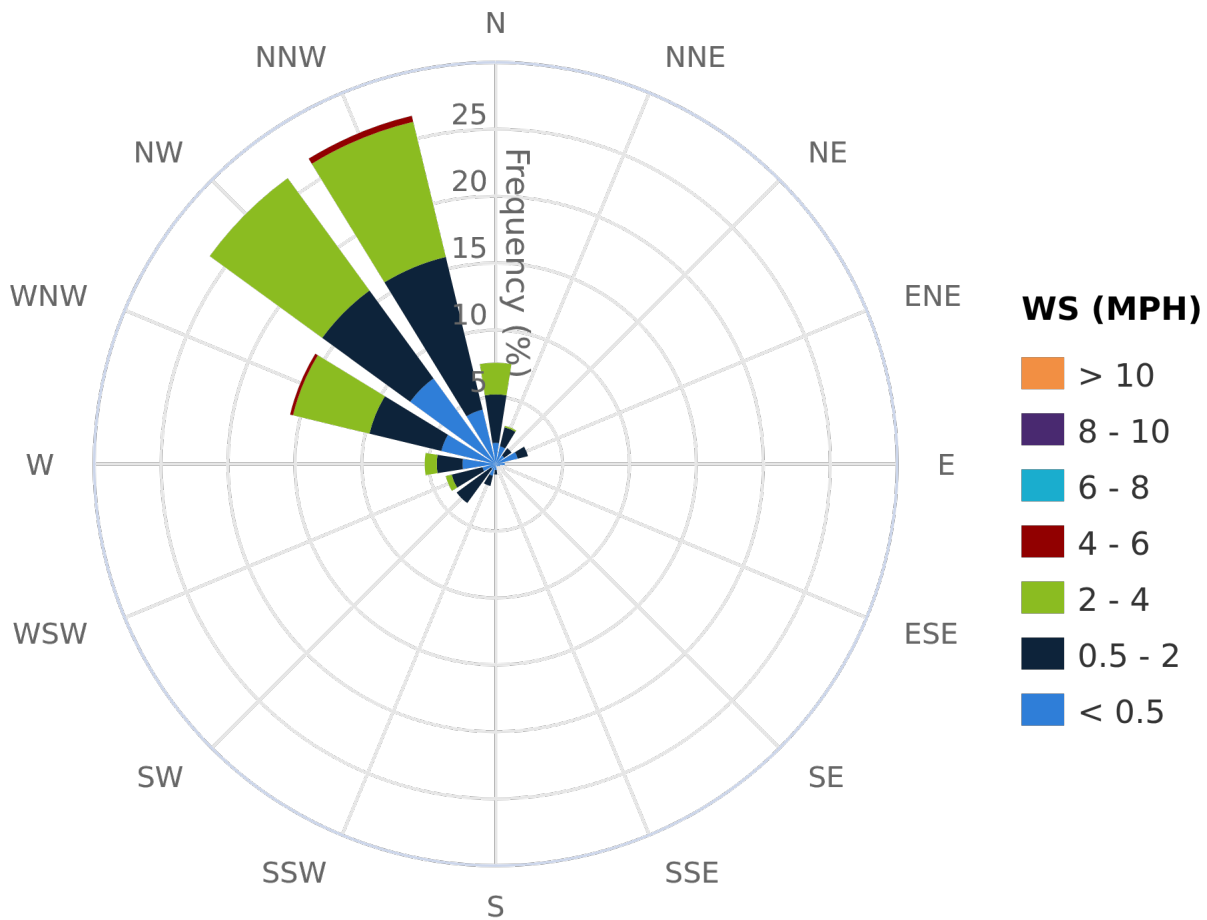


Figure 3 : Wind Rose Chart (WS in MPH)



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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	3.4				1.4				-0.038			
00:15:00	3.6				1.4				-0.038			
00:30:00	3.3				1.4				-0.039			
00:45:00	3.4				1.4				-0.041			
01:00:00	3.3				1.5				-0.040			
01:15:00	3.3				1.4				-0.042			
01:30:00	3.1				1.4				-0.038			
01:45:00	3.0				1.3				-0.035			
02:00:00	3.0				1.3				-0.036			
02:15:00	3.1				1.3				-0.032			
02:30:00	3.0				1.3				-0.032			
02:45:00	3.0				1.3				-0.032			
03:00:00	2.8				1.3				-0.030			
03:15:00	2.7				1.2				-0.028			
03:30:00	2.5				1.1				-0.029			
03:45:00	2.5				1.1				-0.028			
04:00:00	2.5				1.1				-0.026			
04:15:00	2.6				1.2				-0.028			
04:30:00	2.6				1.1				-0.027			
04:45:00	2.7				1.2				-0.026			
05:00:00	2.8				1.2				-0.024			
05:15:00	2.7				1.3				-0.023			
05:30:00	2.8				1.3				-0.023			
05:45:00	14.6				2.4				-0.023			
06:00:00	9.5				2.0				-0.023			
06:15:00	5.8				1.7				-0.022			
06:30:00	3.7				1.5				-0.023			
06:45:00	2.9				1.4				-0.023			
07:00:00	3.0				1.4				-0.021			
07:15:00	3.1				1.6				-0.021			
07:30:00	3.2				1.6				-0.020			
07:45:00	3.2				1.6				-0.021			
08:00:00	5.9				1.8				-0.021			
08:15:00	9.0				2.4				-0.024			
08:30:00	16.5				2.9				-0.026			
08:45:00	4.4				2.0				-0.030			
09:00:00	4.5		10.4		2.0			4.1	-0.030			0.101
09:15:00	4.5		5.1		1.9			2.5	-0.023			0.006
09:30:00	13.4		4.8		2.7			2.4	-0.020			0.001
09:45:00	8.3		4.6		1.9			2.1	-0.014			0.002
10:00:00	4.7		4.5		1.7			2.1	-0.011			0.001
10:15:00	37.8		3.7		5.2			1.7	-0.007			0.000
10:30:00	4.0		4.0		1.6			1.7	-0.004			0.000
10:45:00	4.6		4.3		1.6			1.7	0.003			0.000
11:00:00	35.7		4.2		4.9			1.7	0.010			0.001
11:15:00	5.9		5.1		1.9			1.9	0.017			0.000
11:30:00	95.5		4.4		9.8			2.0	0.021			0.000
11:45:00	5.3		4.8		1.9			1.9	0.025			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	10.4		4.2		2.3			1.8	0.030			0.002
12:15:00	4.2		4.2		1.7			1.8	0.034			0.006
12:30:00	4.2		4.3		1.7			1.8	0.039			0.015
12:45:00	4.1		3.8		1.7			1.7	0.037			0.024
13:00:00	8.7		4.1		2.2			1.7	0.035			0.045
13:15:00	4.9		3.9		1.9			1.8	0.029			0.058
13:30:00	99.3		4.1		11.2			1.9	0.018			0.060
13:45:00	4.7		4.5		1.9			2.0	0.002			0.059
14:00:00	5.1		5.2		2.0			2.1	-0.008			0.075
14:15:00	10.0		5.3		2.5			2.1	-0.024			0.107
14:30:00	51.3		4.6		7.6			2.0	-0.035			0.107
14:45:00	18.1		4.9		3.8			2.0	-0.049			0.093
15:00:00	27.4		4.6		4.9			2.0	-0.073			0.081
15:15:00	5.5		5.3		2.0			2.0	-0.094			0.074
15:30:00	10.4		5.7		2.4			2.0	-0.125			0.070
15:45:00	8.4		7.0		2.1			2.1	-0.135			0.070
16:00:00	25.1		6.2		4.0			2.2	-0.140			0.069
16:15:00	5.6		6.8		1.9			2.2	-0.161			0.068
16:30:00	8.7		5.6		2.2			2.0	-0.166			0.063
16:45:00	41.9		5.2		6.2			1.9	-0.173			0.058
17:00:00	12.7		5.2		2.7			2.0	-0.164			0.055
17:15:00	6.2		5.2		1.9			2.0	-0.172			0.052
17:30:00	16.7		6.7		5.4			2.3	-0.141			0.048
17:45:00	36.9		5.9		21.2			2.2	-0.089			0.040
18:00:00	16.1		6.8		8.2			2.3	-0.057			0.032
18:15:00	12.3		8.3		8.0			2.7	-0.032			0.027
18:30:00	6.1		6.8		2.3			2.7	-0.012			0.022
18:45:00	18.3		7.3		3.8			3.2	-0.002			0.019
19:00:00	6.3		8.8		2.8			3.5	0.002			0.016
19:15:00	6.7		15.4		3.2			6.0	0.001			0.012
19:30:00	7.3		15.5		3.2			6.4	-0.001			0.006
19:45:00	22.2		13.1		4.5			6.5	-0.004			0.004
20:00:00	12.1		12.2		3.5			5.8	-0.011			0.001
20:15:00	79.0		11.7		10.4			5.6	-0.021			0.000
20:30:00	8.5		10.7		3.4			5.1	-0.026			0.000
20:45:00	47.0		9.9		8.4			4.7	-0.031			0.000
21:00:00	11.8		10.3		5.2			5.0	-0.037			0.000
21:15:00	14.9		12.4		8.1			5.8	-0.042			0.000
21:30:00	18.9		12.6		8.9			6.0	-0.048			0.000
21:45:00	101.4		14.0		19.3			6.0	-0.052			0.000
22:00:00	28.1		11.1		9.9			5.4	-0.053			0.000
22:15:00	24.8		10.3		9.0			5.4	-0.054			0.000
22:30:00	16.9		9.8		7.4			5.3	-0.058			0.000
22:45:00	13.3		9.3		6.4			5.2	-0.056			0.000
23:00:00	10.5		9.4		5.5			5.4	-0.058			0.000
23:15:00	9.3		9.0		5.1			5.5	-0.061			0.000
23:30:00	9.1		9.1		5.1			5.4	-0.057			0.000
23:45:00	8.5		8.4		4.8			5.3	-0.057			0.000



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