



DAILY AIR MONITORING REPORT

Florence C&D Landfill – Air Monitoring

Date : 2025-11-01

Table 1 : Weather Summary

Wind Speed (MPH)	Wind Direction				Temperature (°F)	Relative Humidity (%)	Barometer (inHg)
Min : 0.1340 Max : 15.37	2943 ESE	2693 None	2996 None	2997 NW	Min : 40.64 Max : 84.38	Min : 30.60 Max : 89.30	Min : 29.99 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	19.1	125.7	5.4	21.4	-0.060	0.036
2997	8.4	32.4	5.2	29.0	0.002	0.034



Figure 1 : Monitoring Locations

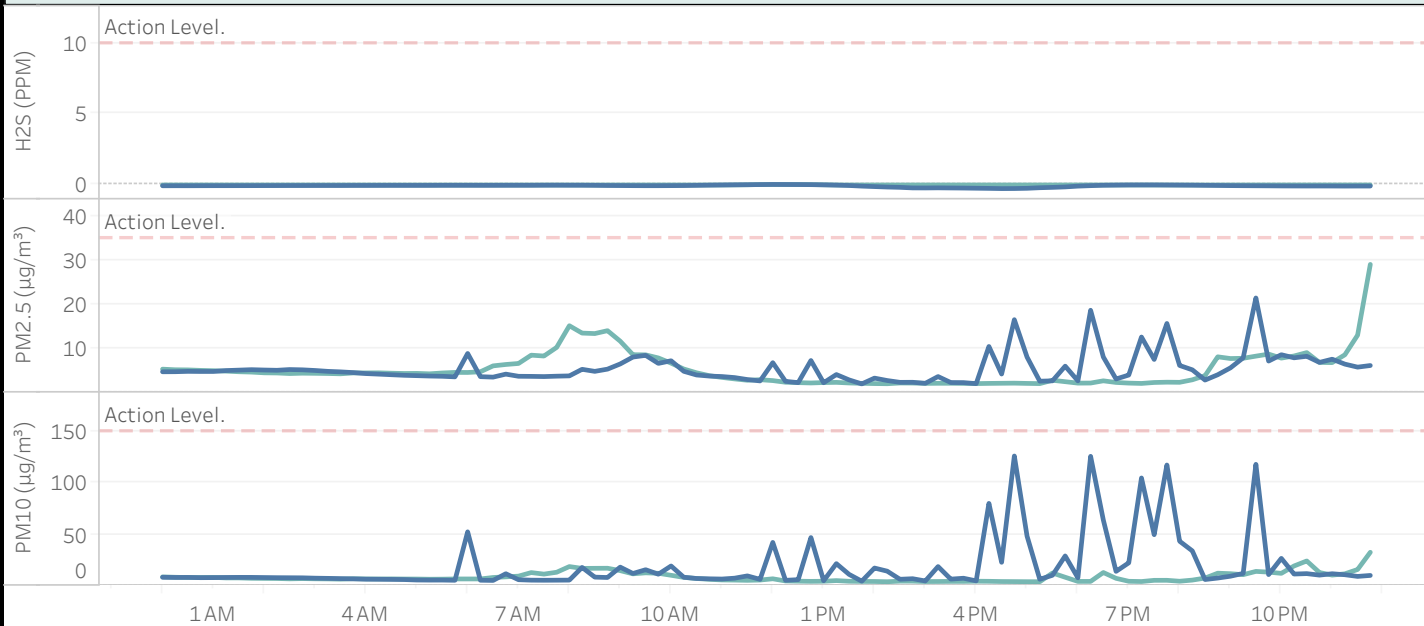


Figure 2 : 15 Minutes Average Concentrations

■ 2943 ■ 2997



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Wind Rose Chart 2943

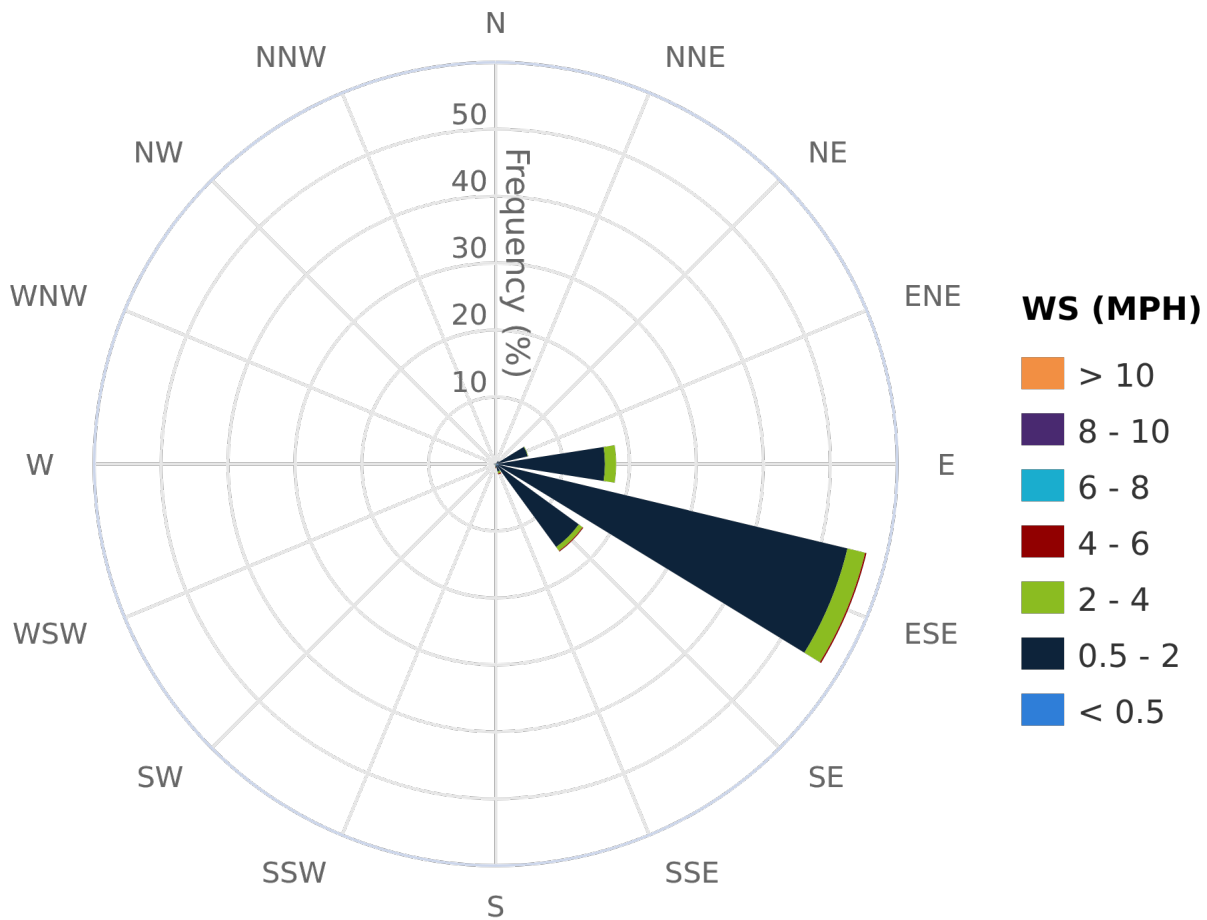


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2693

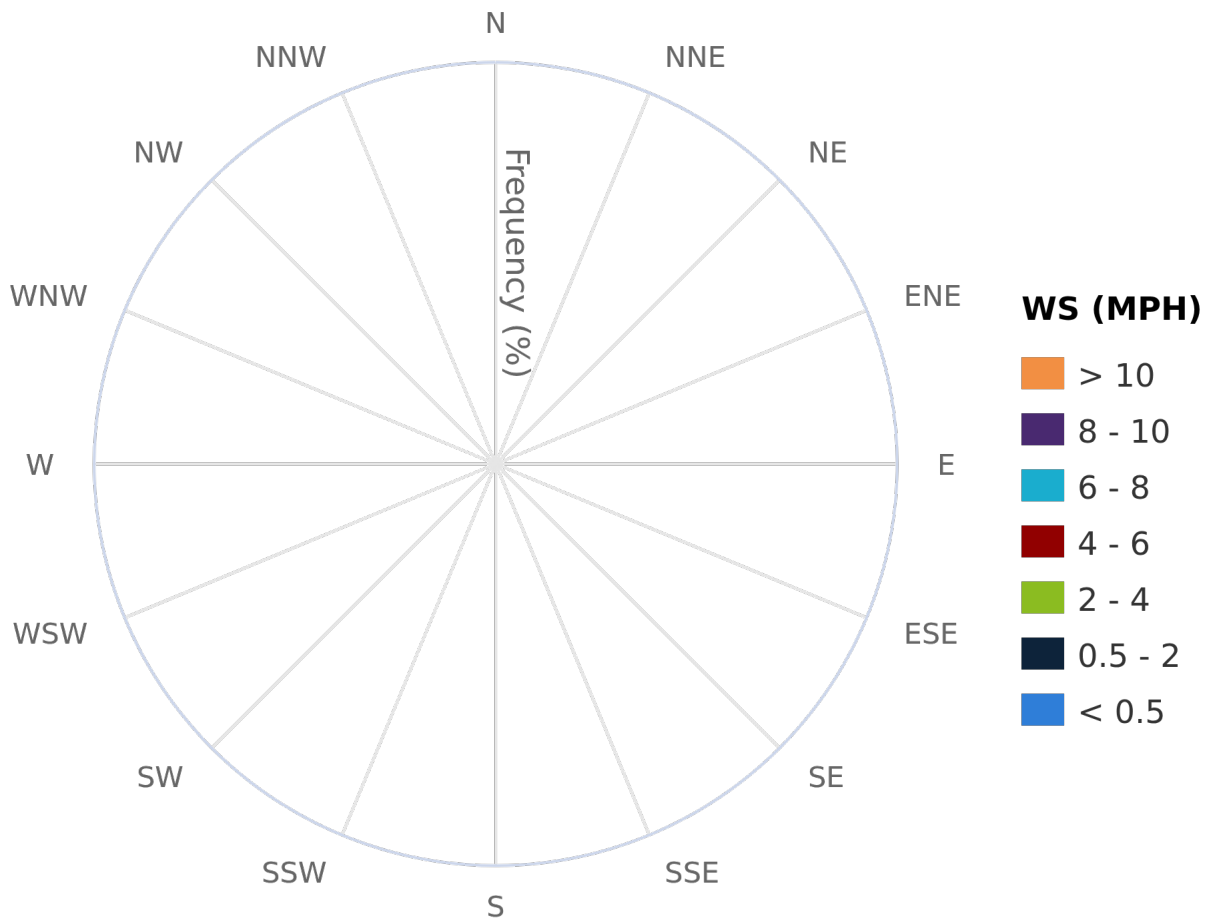


Figure 3 : Wind Rose Chart (WS in MPH)



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Date : 2025-10-29

Wind Rose Chart 2996

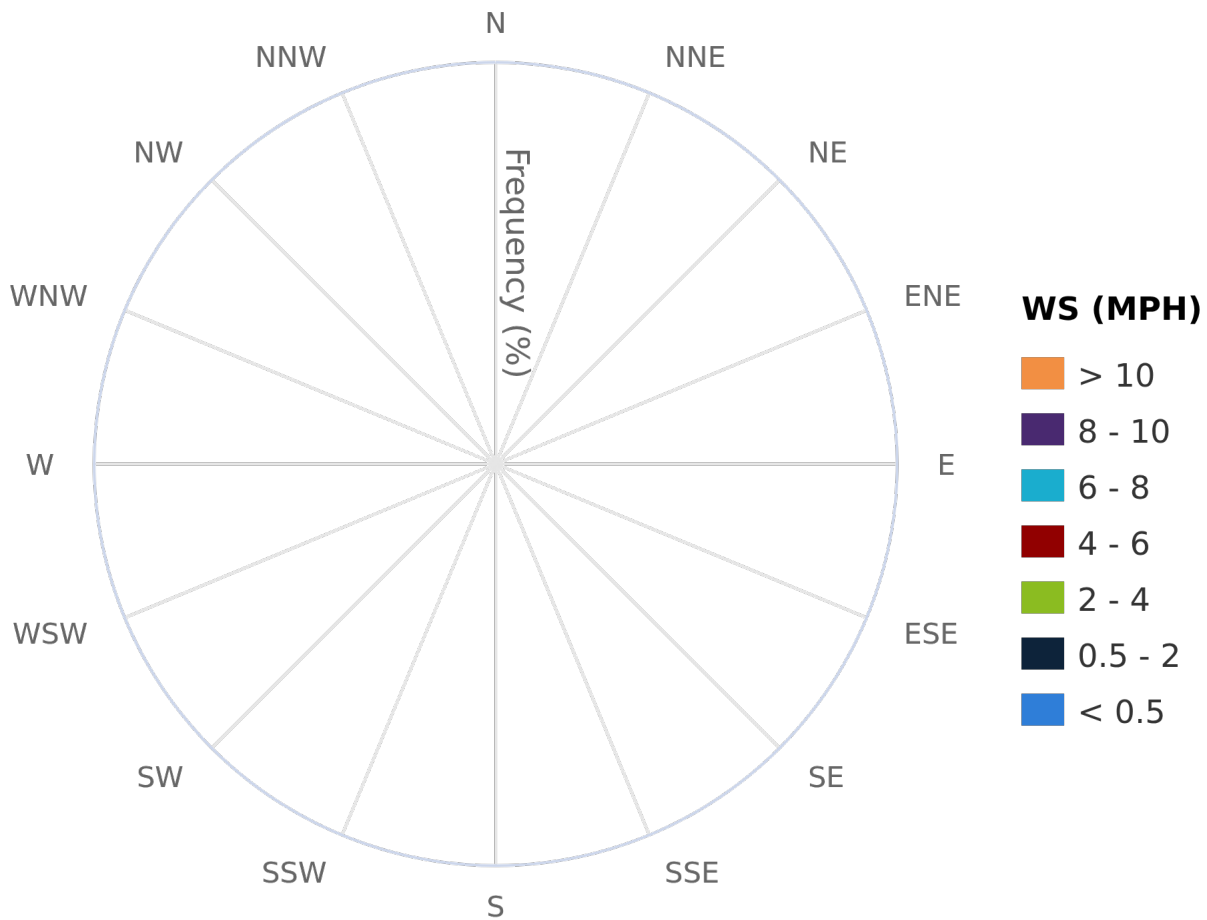


Figure 3 : Wind Rose Chart (WS in MPH)



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Wind Rose Chart 2997

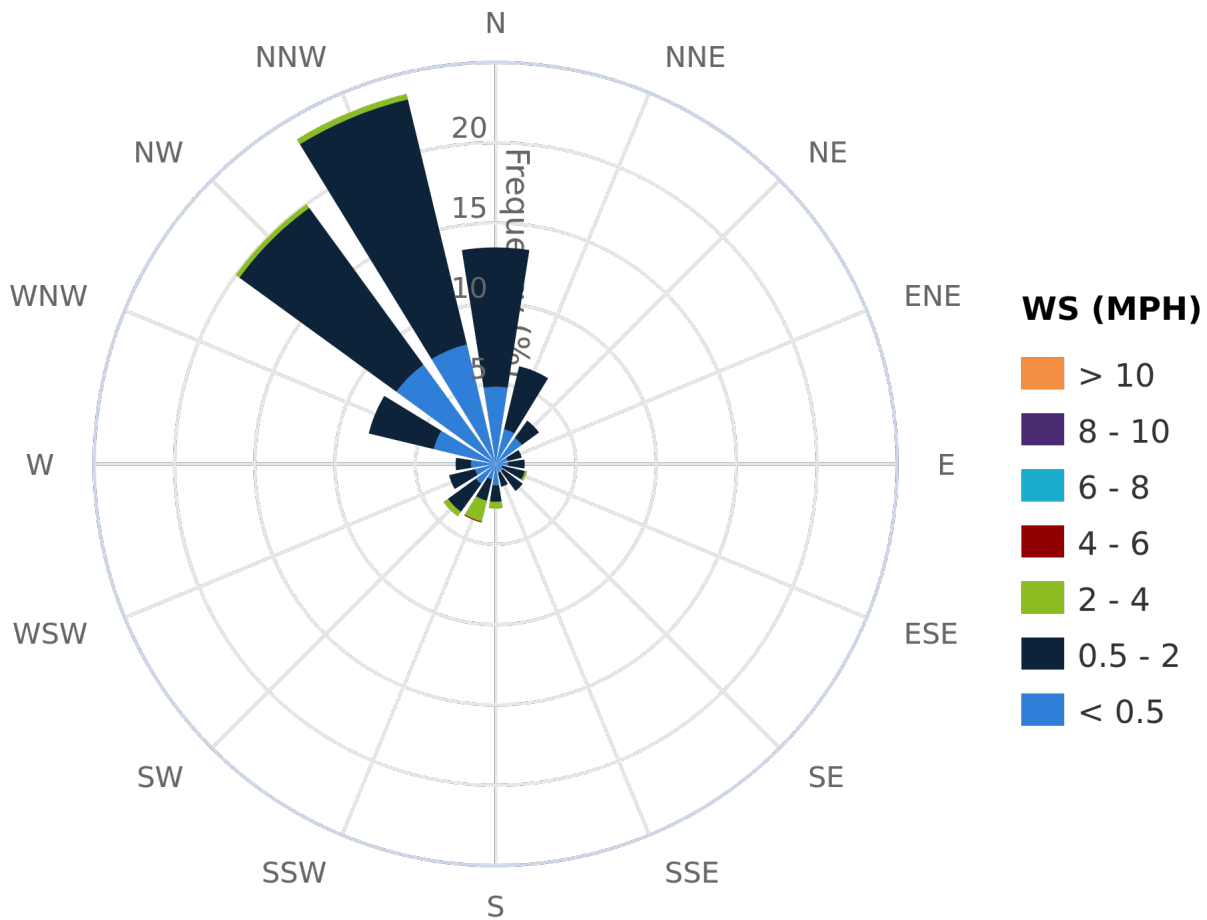


Figure 3 : Wind Rose Chart (WS in MPH)



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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	8.2		8.6		4.7			5.3	-0.057			0.000
00:15:00	8.0		8.2		4.7			5.2	-0.054			0.000
00:30:00	8.1		8.0		4.8			5.1	-0.055			0.000
00:45:00	7.8		8.0		4.8			5.0	-0.053			0.000
01:00:00	7.9		8.1		4.8			5.0	-0.051			0.000
01:15:00	8.1		7.6		5.0			4.9	-0.050			0.000
01:30:00	8.1		7.6		5.1			4.7	-0.049			0.000
01:45:00	8.1		7.2		5.2			4.6	-0.048			0.000
02:00:00	8.0		7.1		5.1			4.5	-0.045			0.000
02:15:00	7.8		7.0		5.1			4.4	-0.044			0.000
02:30:00	7.8		6.7		5.2			4.3	-0.041			0.000
02:45:00	7.7		6.9		5.2			4.4	-0.041			0.000
03:00:00	7.4		6.7		5.0			4.4	-0.039			0.000
03:15:00	7.2		6.6		4.8			4.3	-0.039			0.000
03:30:00	6.9		6.4		4.7			4.3	-0.039			0.000
03:45:00	6.7		6.8		4.5			4.5	-0.035			0.000
04:00:00	6.4		6.7		4.3			4.5	-0.035			0.000
04:15:00	6.3		6.6		4.2			4.5	-0.033			0.000
04:30:00	6.2		6.7		4.0			4.4	-0.031			0.000
04:45:00	6.0		6.5		3.9			4.3	-0.031			0.000
05:00:00	5.6		6.5		3.8			4.4	-0.031			0.000
05:15:00	5.5		6.3		3.8			4.3	-0.030			0.000
05:30:00	5.5		6.4		3.7			4.4	-0.026			0.000
05:45:00	5.3		6.6		3.6			4.6	-0.026			0.000
06:00:00	52.2		6.6		8.9			4.6	-0.025			0.000
06:15:00	5.4		6.6		3.6			4.7	-0.027			0.000
06:30:00	5.2		8.0		3.5			6.0	-0.026			0.000
06:45:00	11.7		8.6		4.2			6.4	-0.024			0.000
07:00:00	5.9		9.3		3.7			6.6	-0.024			0.000
07:15:00	5.4		12.8		3.7			8.5	-0.023			0.000
07:30:00	5.3		11.3		3.6			8.3	-0.018			0.000
07:45:00	5.4		13.1		3.7			10.2	-0.016			0.000
08:00:00	5.5		18.6		3.8			15.1	-0.020			0.000
08:15:00	17.8		16.8		5.3			13.5	-0.020			0.000
08:30:00	8.4		16.9		4.8			13.3	-0.027			0.000
08:45:00	8.0		17.0		5.3			14.0	-0.037			0.000
09:00:00	18.1		14.7		6.5			11.6	-0.042			0.000
09:15:00	11.9		11.5		8.0			8.6	-0.048			0.000
09:30:00	15.5		12.5		8.4			8.5	-0.052			0.000
09:45:00	11.2		12.1		6.6			7.8	-0.052			0.000
10:00:00	19.2		10.2		7.2			6.7	-0.047			0.000
10:15:00	8.3		8.1		4.8			5.3	-0.041			0.000
10:30:00	7.1		7.0		4.0			4.5	-0.028			0.000
10:45:00	6.7		6.2		3.7			3.8	-0.013			0.000
11:00:00	6.5		5.6		3.6			3.4	-0.002			0.001
11:15:00	7.4		5.5		3.4			3.1	0.010			0.005
11:30:00	9.6		5.3		3.0			2.8	0.017			0.014
11:45:00	6.2		5.5		2.6			2.9	0.027			0.029



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	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	42.0		6.8		6.8			2.7	0.036			0.034
12:15:00	5.3		4.7		2.6			2.3	0.033			0.033
12:30:00	5.9		4.4		2.3			2.3	0.029			0.034
12:45:00	46.7		4.3		7.3			2.2	0.022			0.027
13:00:00	4.9		4.4		2.2			2.3	0.007			0.015
13:15:00	21.4		5.0		4.1			2.3	-0.012			0.002
13:30:00	11.1		4.4		2.9			2.2	-0.038			0.000
13:45:00	4.4		4.2		2.0			2.1	-0.081			0.000
14:00:00	17.2		4.1		3.3			2.0	-0.114			0.000
14:15:00	14.2		3.9		2.7			2.0	-0.145			0.000
14:30:00	6.3		4.5		2.3			2.2	-0.167			0.000
14:45:00	6.8		4.5		2.3			2.2	-0.207			0.000
15:00:00	4.7		4.1		2.1			2.1	-0.210			0.000
15:15:00	18.6		4.1		3.6			2.1	-0.202			0.000
15:30:00	6.4		4.2		2.3			2.1	-0.211			0.000
15:45:00	7.3		4.2		2.3			2.1	-0.218			0.000
16:00:00	4.7		4.4		2.0			2.0	-0.230			0.000
16:15:00	79.8		4.3		10.4			2.1	-0.241			0.000
16:30:00	22.7		4.1		4.2			2.1	-0.255			0.000
16:45:00	125.7		4.0		16.5			2.1	-0.251			0.000
17:00:00	48.1		4.0		8.0			2.1	-0.234			0.000
17:15:00	6.3		3.9		2.6			2.0	-0.194			0.000
17:30:00	10.2		12.4		2.7			2.8	-0.170			0.000
17:45:00	28.9		8.3		6.0			2.5	-0.137			0.000
18:00:00	7.7		4.2		2.7			2.2	-0.082			0.000
18:15:00	125.4		4.2		18.6			2.2	-0.049			0.003
18:30:00	63.7		12.8		8.1			2.7	-0.022			0.001
18:45:00	13.9		7.2		3.1			2.3	-0.010			0.000
19:00:00	22.2		4.3		4.0			2.2	0.000			0.000
19:15:00	104.4		4.1		12.6			2.1	0.001			0.000
19:30:00	49.5		5.3		7.5			2.3	0.001			0.000
19:45:00	117.0		5.3		15.6			2.4	-0.005			0.000
20:00:00	43.2		4.4		6.1			2.3	-0.011			0.000
20:15:00	33.8		5.5		5.2			2.9	-0.016			0.000
20:30:00	6.0		7.4		2.8			3.8	-0.026			0.000
20:45:00	7.5		12.2		4.0			8.1	-0.036			0.000
21:00:00	9.3		11.7		5.6			7.7	-0.046			0.000
21:15:00	12.0		10.7		7.9			7.8	-0.052			0.000
21:30:00	117.6		13.9		21.4			8.2	-0.057			0.000
21:45:00	10.8		13.2		7.1			8.7	-0.062			0.000
22:00:00	26.5		12.0		8.6			7.8	-0.069			0.000
22:15:00	11.3		19.2		7.9			8.3	-0.072			0.000
22:30:00	11.8		24.0		8.2			9.1	-0.074			0.000
22:45:00	10.3		12.8		6.8			6.8	-0.073			0.000
23:00:00	11.7		10.3		7.6			6.8	-0.075			0.000
23:15:00	10.7		11.6		6.4			8.6	-0.079			0.000
23:30:00	9.1		15.8		5.8			13.0	-0.076			0.000
23:45:00	10.0		32.4		6.1			29.0	-0.076			0.000



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