

Land Use Parameters (Imperviousness)

Land Use	Initial (Uncalibrated)		Calibrated		Relative Reduction in XIMP from Uncalibrated
	TIMP	XIMP	TIMP	XIMP	
Single Detached Residential	30	Btw 12-26	20	Btw 8-17	Btw -33% to -53%
Semi-detached Residential	40	Btw 16-35	30	Btw 12-26	Btw -25% to -26%
Townhouse	60	Btw 24-52	50	Btw 20-43	Approx -17%
Institutional	35	20	30	15	-25%
Commercial	95	95	95	80	-16%
Commercial with ditching	95	95	95	10	n/a
Industrial	65	65	65	50	-23%
Industrial with ditching	65	65	65	10	n/a
Park	5	0	5	0	0%

-26 Average relative reduction in XIMP for calibrated

Network HD02 (Schroder) - Mostly Residential

Date	Observed Peak (cms)	Precalibration (cms)	Calibrated (cms)	Perecent Difference from Observed (cms)	Percent Difference from Precalibration
22-Sep	0.46	0.60	0.48	4.3%	-25.0%
28-Sep	0.43	0.54	0.48	11.6%	-12.5%
14-Oct	0.32	0.51	0.38	18.8%	-34.2%
26-Oct	0.72	1.63	1.21	68.1%	-34.7%
16-Nov	0.26	0.40	0.29	11.5%	-37.9%
26-Nov	0.26	0.44	0.33	26.9%	-33.3%
				23.5%	-29.6%

Network LS05 (Stone Rd) - Mostly Residential and commercial

Date	Observed Peak (cms)	Precalibration (cms)	Calibrated (cms)	Perecent Difference from Observed (cms)	Percent Difference from Precalibration
26-Jun	2.52	4.14	3.31	31.3%	-25.1%
9-Jul	2.62	3.41	2.74	4.6%	-24.5%
15-Jul	2.74	5.20	4.13	50.7%	-25.9%
23-Jul	4.50	8.36	6.76	50.2%	-23.7%
23-Jul	4.61	5.15	4.12	-10.6%	-25.0%
16-Sep	2.35	3.43	2.75	17.0%	-24.7%
16-Sep	2.77	2.96	2.36	-14.8%	-25.4%
				18.4%	-24.9%

Network WW06 (Willow West) - Industrial with ditching

Date	Observed Peak (cms)	Precalibration (cms)	Calibrated (cms)	Perecent Difference from Observed (cms)
26-Jun	0.54	n/a	0.71	31.5%
27-Jun	6.02	n/a	5.94	-1.3%
15-Jul	1.16	n/a	1.05	-9.5%
19-Jul	0.89	n/a	0.90	1.1%
23-Jul	1.91	n/a	1.71	-10.5%
23-Jul	1.30	n/a	1.01	-22.3%
				-1.8%

Network NW04 (Northwest Channel) - Industrial with ditching

Date	Observed Peak (cms)	Precalibration (cms)	Calibrated (cms)	Perecent Difference from Observed (cms)
23-Oct	0.21	n/a	0.20	-4.8%
24-Oct	0.39	n/a	0.44	12.8%
16-Nov	0.63	n/a	0.47	-25.4%
23-Nov	0.31	n/a	0.29	-6.5%
26-Nov	0.39	n/a	0.44	12.8%
30-Nov	0.27	n/a	0.29	7.4%
1-Dec	0.62	n/a	0.31	-50.0%
				-7.7%

Network LS02/NW01 (Railway) - Mostly Residential

Date	Observed Peak (cms)	Precalibration (cms)	Calibrated (cms)	Perecent Difference from Observed (cms)	Percent Difference from Precalibration
9-Jul	1.34	1.45	1.10	-17.9%	-31.8%
15-Jul	1.20	2.10	1.65	37.5%	-27.3%
19-Jul	0.94	1.86	1.43	52.1%	-30.1%
16-Sep	0.96	1.46	1.13	17.7%	-29.2%
16-Sep	0.96	1.25	0.92	-4.2%	-35.9%
				17.1%	-30.8%

Network US03 (Waverly) - Mostly Residential

Date	Observed Peak (cms)	Precalibration (cms)	Calibrated (cms)	Perecent Difference from Observed (cms)
9-Jul	1.17	n/a	0.73	-37.6%
11-Jul	4.44	n/a	3.92	-11.7%
15-Jul	2.10	n/a	1.33	-36.7%
23-Jul	1.89	n/a	1.89	0.0%
16-Sep	0.53	n/a	0.65	22.6%
16-Sep	0.62	n/a	0.68	9.7%
				-8.9%

Network US10 (Woodlawn) - Industrial and commercial

Date	Observed Peak (cms)	Precalibration (cms)	Calibrated (cms)	Perecent Difference from Observed (cms)
22-Sep	0.24	n/a	0.21	-12.5%
28-Sep	0.61	n/a	0.44	-27.9%
5-Oct	0.25	n/a	0.20	-20.0%
14-Oct	0.41	n/a	0.39	-4.9%
24-Oct	0.22	n/a	0.27	22.7%
26-Oct	0.63	n/a	0.83	31.7%
16-Nov	0.31	n/a	0.30	-3.2%
26-Nov	0.20	n/a	0.22	10.0%
				-0.5%