

Plan: Proposed River 1 Reach 1 RS: 83 Profile: 10yr

E.G. US. (ft)	483.57	Element	Inside BR US	Inside BR DS
W.S. US. (ft)	482.58	E.G. Elev (ft)	483.42	483.21
Q Total (cfs)	687.00	W.S. Elev (ft)	482.21	482.17
Q Bridge (cfs)	687.00	Crit W.S. (ft)	481.76	481.22
Q Weir (cfs)		Max Chl Dpth (ft)	4.21	5.81
Weir Sta Lft (ft)		Vel Total (ft/s)	8.83	8.17
Weir Sta Rgt (ft)		Flow Area (sq ft)	77.80	84.04
Weir Submerg		Froude # Chl	0.82	0.69
Weir Max Depth (ft)		Specif Force (cu ft)	332.73	367.67
Min El Weir Flow (ft)	493.79	Hydr Depth (ft)	3.57	4.24
Min El Prs (ft)	493.35	W.P. Total (ft)	27.16	26.66
Delta EG (ft)	0.65	Conv. Total (cfs)	6661.7	7984.9
Delta WS (ft)	1.36	Top Width (ft)	21.82	19.84
BR Open Area (sq ft)	321.00	Frctn Loss (ft)	0.12	0.09
BR Open Vel (ft/s)	8.83	C & E Loss (ft)	0.08	0.20
BR Sluice Coef		Shear Total (lb/sq ft)	1.90	1.46
BR Sel Method	Energy only	Power Total (lb/ft s)	16.79	11.91

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E.G. US. (ft)	486.69	Element	Inside BR US	Inside BR DS
W.S. US. (ft)	485.19	E.G. Elev (ft)	486.60	486.44
Q Total (cfs)	1410.00	W.S. Elev (ft)	485.01	484.67
Q Bridge (cfs)	1410.00	Crit W.S. (ft)	483.71	483.32
Q Weir (cfs)		Max Chl Dpth (ft)	7.01	8.31
Weir Sta Lft (ft)		Vel Total (ft/s)	10.03	10.47
Weir Sta Rgt (ft)		Flow Area (sq ft)	140.52	134.71
Weir Submerg		Froude # Chl	0.71	0.72
Weir Max Depth (ft)		Specif Force (cu ft)	892.15	933.76
Min El Weir Flow (ft)	493.79	Hydr Depth (ft)	6.17	6.54
Min El Prs (ft)	493.35	W.P. Total (ft)	32.89	31.73
Delta EG (ft)	0.62	Conv. Total (cfs)	17094.8	17039.0
Delta WS (ft)	1.87	Top Width (ft)	22.78	20.60
BR Open Area (sq ft)	321.00	Frctn Loss (ft)	0.10	0.08
BR Open Vel (ft/s)	10.47	C & E Loss (ft)	0.06	0.29
BR Sluice Coef		Shear Total (lb/sq ft)	1.81	1.82
BR Sel Method	Energy only	Power Total (lb/ft s)	18.21	19.00