

















Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Nord	181	Max WS	2.86	262.84	263.31	263.25	263.34	0.008331	0.87	3.40	23.48	0.63
Nord	180	Max WS	2.86	262.83	263.30	263.24	263.34	0.007935	0.86	3.47	24.21	0.62
Nord	175		Lat Struct									
Nord	170	Max WS	0.04	262.61	263.13	262.66	263.13	0.000001	0.01	3.52	28.89	0.01
Nord	165		Lat Struct									
Nord	160	Max WS	0.88	262.06	262.85		262.98	0.006478	1.63	0.54	38.75	0.63
Nord	155		Culvert									
Nord	150	Max WS	0.77	261.21	262.02	261.67	262.09	0.002336	1.19	0.64	2.11	0.42
Nord	140	Max WS	1.54	260.69	261.52	261.29	261.56	0.004711	0.92	1.68	4.82	0.50
Nord	130	Max WS	1.44	260.69	261.29	260.96	261.29	0.000205	0.23	8.33	38.33	0.11
Nord	120	Max WS	1.39	259.86	261.20		261.30	0.001770	1.39	1.00	4.06	0.40
Nord	115		Culvert									
Nord	110	Max WS	1.39	259.33	260.20	260.19	260.60	0.012619	2.81	0.50	2.15	0.99
Nord	100	Max WS	1.38	257.01	257.40	257.48	257.74	0.111050	2.57	0.54	3.64	2.14

Reach	River Sta	Profile	E.G. Elev (m)	W.S. Elev (m)	Vel Head (m)	Frcn Loss (m)	C & E Loss (m)	Q Left (m3/s)	Q Channel (m3/s)	Q Right (m3/s)	Top Width (m)
Nord	181	Max WS	263.34	263.31	0.04	0.01		0.04	2.82	0.00	23.48
Nord	180	Max WS	263.34	263.30	0.04	0.06		0.04	2.82	0.00	24.21
Nord	175		Lat Struct								
Nord	170	Max WS	263.13	263.13	0.00	0.01		0.00	0.03	0.01	28.89
Nord	165		Lat Struct								
Nord	160	Max WS	262.98	262.85	0.13				0.88		36.75
Nord	155		Culvert								
Nord	150	Max WS	262.09	262.02	0.07	0.01			0.77		2.11
Nord	140	Max WS	261.56	261.52	0.04	0.04			1.54		4.82
Nord	130	Max WS	261.29	261.29	0.00	0.00		0.42	1.02		38.33
Nord	120	Max WS	261.30	261.20	0.10				1.39		4.06
Nord	115		Culvert								
Nord	110	Max WS	260.60	260.20	0.40	0.08			1.39		2.15
Nord	100	Max WS	257.74	257.40	0.34				1.38		3.64

Reach	River Sta	Profile	Q US (m³/s)	Q Leaving Total (m³/s)	Q DS (m³/s)	Q Weir (m³/s)	Q Gates (m³/s)	Wt Top Width (m)	Weir Max Depth (m)	Weir Avg Depth (m)	Min El Weir Flow (m)	E.G. US (m)	W.S. US (m)	E.G. DS (m)	W.S. DS (m)
Nord	175	Max WS	2.86	1.33	0.04	1.33		33.54	0.20	0.10	262.93	263.34	263.30	263.13	263.13
Nord	165	Max WS	0.04	1.60	0.88	1.60		38.78	0.20	0.11	262.83	263.13	263.13	262.98	262.85