Plan: 01 Channel R01 RS: 100 Profile: PF 1

E.G. Elev (m)	78.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.16	Wt. n-Val.		0.013	
W.S. Elev (m)	78.58	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	76.87	Flow Area (m2)		142.08	
E.G. Slope (m/m)	0.000128	Area (m2)		142.08	
Q Total (m3/s)	250.00	Flow (m3/s)		250.00	
Top Width (m)	46.57	Top Width (m)		46.57	
Vel Total (m/s)	1.76	Avg. Vel. (m/s)		1.76	
Max Chl Dpth (m)	3.28	Hydr. Depth (m)		3.05	
Conv. Total (m3/s)	22139.1	Conv. (m3/s)		22139.1	
Length Wtd. (m)	20.00	Wetted Per. (m)		49.29	
Min Ch El (m)	75.30	Shear (N/m2)		3.61	
Alpha	1.00	Stream Power (N/m s)		6.34	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		9.61	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.46	

Plan: 01 Channel R01 RS: 100 Profile: PF 2

E.G. Elev (m)	80.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.23	Wt. n-Val.		0.013	
W.S. Elev (m)	80.50	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	77.76	Flow Area (m2)		235.04	
E.G. Slope (m/m)	0.000109	Area (m2)		235.04	
Q Total (m3/s)	500.00	Flow (m3/s)		500.00	
Top Width (m)	50.00	Top Width (m)		50.00	
Vel Total (m/s)	2.13	Avg. Vel. (m/s)		2.13	
Max Chl Dpth (m)	5.20	Hydr. Depth (m)		4.70	
Conv. Total (m3/s)	47876.6	Conv. (m3/s)		47876.6	
Length Wtd. (m)	20.00	Wetted Per. (m)		54.54	
Min Ch El (m)	75.30	Shear (N/m2)		4.61	
Alpha	1.00	Stream Power (N/m s)		9.80	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		17.04	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.74	

Plan: 01 Channel R01 RS: 100 Profile: PF 3

E.G. Elev (m)	81.48	Element	Left OB	Channel	Right OB
Vel Head (m)	0.41	Wt. n-Val.		0.013	
W.S. Elev (m)	81.06	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	78.51	Flow Area (m2)		263.14	
E.G. Slope (m/m)	0.000173	Area (m2)		263.14	
Q Total (m3/s)	750.00	Flow (m3/s)		750.00	
Top Width (m)	50.00	Top Width (m)		50.00	
Vel Total (m/s)	2.85	Avg. Vel. (m/s)		2.85	
Max Chl Dpth (m)	5.76	Hydr. Depth (m)		5.26	
Conv. Total (m3/s)	57010.8	Conv. (m3/s)		57010.8	
Length Wtd. (m)	20.00	Wetted Per. (m)		55.67	
Min Ch El (m)	75.30	Shear (N/m2)		8.02	
Alpha	1.00	Stream Power (N/m s)		22.87	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		20.68	
C & E Loss (m)	0.00	Cum SA (1000 m2)		4.81	

Plan: 01 Channel R01 RS: 80.000* Profile: PF 1

E.G. Elev (m)	78.74	Element	Left OB	Channel	Right OB
Vel Head (m)	0.15	Wt. n-Val.		0.013	
W.S. Elev (m)	78.58	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)		Flow Area (m2)		144.97	
E.G. Slope (m/m)	0.000120	Area (m2)		144.97	
Q Total (m3/s)	250.00	Flow (m3/s)		250.00	
Top Width (m)	46.69	Top Width (m)		46.69	
Vel Total (m/s)	1.72	Avg. Vel. (m/s)		1.72	
Max Chl Dpth (m)	3.34	Hydr. Depth (m)		3.11	
Conv. Total (m3/s)	22839.9	Conv. (m3/s)		22839.9	
Length Wtd. (m)	20.00	Wetted Per. (m)		49.46	
Min Ch El (m)	75.24	Shear (N/m2)		3.44	

Plan: 01 Channel R01 RS: 80.000* Profile: PF 1 (Continued)

Alpha	1.00	Stream Power (N/m s)		5.94	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		6.74	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.53	

Plan: 01 Channel R01 RS: 80.000* Profile: PF 2

E.G. Elev (m)	80.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.22	Wt. n-Val.		0.013	
W.S. Elev (m)	80.50	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)		Flow Area (m2)		238.14	
E.G. Slope (m/m)	0.000105	Area (m2)		238.14	
Q Total (m3/s)	500.00	Flow (m3/s)		500.00	
Top Width (m)	50.00	Top Width (m)		50.00	
Vel Total (m/s)	2.10	Avg. Vel. (m/s)		2.10	
Max Chl Dpth (m)	5.26	Hydr. Depth (m)		4.76	
Conv. Total (m3/s)	48860.7	Conv. (m3/s)		48860.7	
Length Wtd. (m)	20.00	Wetted Per. (m)		54.67	
Min Ch El (m)	75.24	Shear (N/m2)		4.47	
Alpha	1.00	Stream Power (N/m s)		9.39	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		12.30	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.74	

Plan: 01 Channel R01 RS: 80.000* Profile: PF 3

E.G. Elev (m)	81.47	Element	Left OB	Channel	Right OB
Vel Head (m)	0.40	Wt. n-Val.		0.013	
W.S. Elev (m)	81.07	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)		Flow Area (m2)		266.31	
E.G. Slope (m/m)	0.000167	Area (m2)		266.31	
Q Total (m3/s)	750.00	Flow (m3/s)		750.00	
Top Width (m)	50.00	Top Width (m)		50.00	
Vel Total (m/s)	2.82	Avg. Vel. (m/s)		2.82	
Max Chl Dpth (m)	5.83	Hydr. Depth (m)		5.33	
Conv. Total (m3/s)	58073.4	Conv. (m3/s)		58073.4	
Length Wtd. (m)	20.00	Wetted Per. (m)		55.79	
Min Ch El (m)	75.24	Shear (N/m2)		7.81	
Alpha	1.00	Stream Power (N/m s)		21.99	
Frctn Loss (m)	0.00	Cum Volume (1000 m3)		15.38	
C & E Loss (m)	0.00	Cum SA (1000 m2)		3.81	

Plan: 01 Channel R01 RS: 60.000* Profile: PF 1

E.G. Elev (m)	78.73	Element	Left OB	Channel	Right OB
Vel Head (m)	0.15	Wt. n-Val.		0.013	
W.S. Elev (m)	78.59	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	76.75	Flow Area (m2)		147.85	
E.G. Slope (m/m)	0.000113	Area (m2)		147.85	
Q Total (m3/s)	250.00	Flow (m3/s)		250.00	
Top Width (m)	46.81	Top Width (m)		46.81	
Vel Total (m/s)	1.69	Avg. Vel. (m/s)		1.69	
Max Chl Dpth (m)	3.41	Hydr. Depth (m)		3.16	
Conv. Total (m3/s)	23544.8	Conv. (m3/s)		23544.8	
Length Wtd. (m)	20.00	Wetted Per. (m)		49.63	
Min Ch El (m)	75.18	Shear (N/m2)		3.29	
Alpha	1.00	Stream Power (N/m s)		5.57	
Frctn Loss (m)		Cum Volume (1000 m3)		3.81	
C & E Loss (m)		Cum SA (1000 m2)		2.59	

Plan: 01 Channel R01 RS: 60.000* Profile: PF 2

E.G. Elev (m)	80.72	Element	Left OB	Channel	Right OB
Vel Head (m)	0.22	Wt. n-Val.		0.013	
W.S. Elev (m)	80.50	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	77.64	Flow Area (m2)		241.23	
E.G. Slope (m/m)	0.000101	Area (m2)		241.23	
Q Total (m3/s)	500.00	Flow (m3/s)		500.00	
Top Width (m)	50.00	Top Width (m)		50.00	

Plan: 01 Channel R01 RS: 60.000* Profile: PF 2 (Continued)

Vel Total (m/s)	2.07	Avg. Vel. (m/s)		2.07	
Max Chl Dpth (m)	5.32	Hydr. Depth (m)		4.82	
Conv. Total (m3/s)	49845.3	Conv. (m3/s)		49845.3	
Length Wtd. (m)	20.00	Wetted Per. (m)		54.79	
Min Ch El (m)	75.18	Shear (N/m2)		4.34	
Alpha	1.00	Stream Power (N/m s)		9.00	
Frctn Loss (m)		Cum Volume (1000 m3)		7.51	
C & E Loss (m)		Cum SA (1000 m2)		2.74	

Plan: 01 Channel R01 RS: 60.000* Profile: PF 3

E.G. Elev (m)	81.46	Element	Left OB	Channel	Right OB
Vel Head (m)	0.39	Wt. n-Val.		0.013	
W.S. Elev (m)	81.07	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	78.38	Flow Area (m2)		269.46	
E.G. Slope (m/m)	0.000161	Area (m2)		269.46	
Q Total (m3/s)	750.00	Flow (m3/s)		750.00	
Top Width (m)	50.00	Top Width (m)		50.00	
Vel Total (m/s)	2.78	Avg. Vel. (m/s)		2.78	
Max Chl Dpth (m)	5.89	Hydr. Depth (m)		5.39	
Conv. Total (m3/s)	59135.0	Conv. (m3/s)		59135.0	
Length Wtd. (m)	20.00	Wetted Per. (m)		55.92	
Min Ch El (m)	75.18	Shear (N/m2)		7.60	
Alpha	1.00	Stream Power (N/m s)		21.16	
Frctn Loss (m)		Cum Volume (1000 m3)		10.03	
C & E Loss (m)		Cum SA (1000 m2)		2.81	

Plan: 01 Channel R01 RS: 40.000* Profile: PF 1

E.G. Elev (m)	77.58	Element	Left OB	Channel	Right OB
Vel Head (m)	1.23	Wt. n-Val.		0.013	
W.S. Elev (m)	76.36	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	76.68	Flow Area (m2)		50.98	
E.G. Slope (m/m)	0.003289	Area (m2)		50.98	
Q Total (m3/s)	250.00	Flow (m3/s)		250.00	
Top Width (m)	42.47	Top Width (m)		42.47	
Vel Total (m/s)	4.90	Avg. Vel. (m/s)		4.90	
Max Chl Dpth (m)	1.24	Hydr. Depth (m)		1.20	
Conv. Total (m3/s)	4359.2	Conv. (m3/s)		4359.2	
Length Wtd. (m)	20.00	Wetted Per. (m)		43.50	
Min Ch El (m)	75.12	Shear (N/m2)		37.80	
Alpha	1.00	Stream Power (N/m s)		185.38	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		2.06	
C & E Loss (m)	0.01	Cum SA (1000 m2)		1.70	

Plan: 01 Channel R01 RS: 40.000* Profile: PF 2

E.G. Elev (m)	78.75	Element	Left OB	Channel	Right OB
Vel Head (m)	1.17	Wt. n-Val.		0.013	
W.S. Elev (m)	77.58	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	77.58	Flow Area (m2)		104.57	
E.G. Slope (m/m)	0.001329	Area (m2)		104.57	
Q Total (m3/s)	500.00	Flow (m3/s)		500.00	
Top Width (m)	44.93	Top Width (m)		44.93	
Vel Total (m/s)	4.78	Avg. Vel. (m/s)		4.78	
Max Chl Dpth (m)	2.46	Hydr. Depth (m)		2.33	
Conv. Total (m3/s)	13715.4	Conv. (m3/s)		13715.4	
Length Wtd. (m)	20.00	Wetted Per. (m)		46.97	
Min Ch El (m)	75.12	Shear (N/m2)		29.02	
Alpha	1.00	Stream Power (N/m s)		138.75	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		3.95	
C & E Loss (m)	0.02	Cum SA (1000 m2)		1.79	

Plan: 01 Channel R01 RS: 40.000* Profile: PF 3

E.G. Elev (m)	79.82	Element	Left OB	Channel	Right OB
Vel Head (m)	1.50	Wt. n-Val.		0.013	
W.S. Elev (m)	78.32	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	78.32	Flow Area (m2)		138.46	
E.G. Slope (m/m)	0.001243	Area (m2)		138.46	
Q Total (m3/s)	750.00	Flow (m3/s)		750.00	
Top Width (m)	46.41	Top Width (m)		46.41	
Vel Total (m/s)	5.42	Avg. Vel. (m/s)		5.42	
Max Chl Dpth (m)	3.20	Hydr. Depth (m)		2.98	
Conv. Total (m3/s)	21269.3	Conv. (m3/s)		21269.3	
Length Wtd. (m)	20.00	Wetted Per. (m)		49.06	
Min Ch El (m)	75.12	Shear (N/m2)		34.41	
Alpha	1.00	Stream Power (N/m s)		186.39	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		5.37	
C & E Loss (m)	0.02	Cum SA (1000 m2)		1.85	

Plan: 01 Channel R01 RS: 20.000* Profile: PF 1

E.G. Elev (m)	77.51	Element	Left OB	Channel	Right OB
Vel Head (m)	1.20	Wt. n-Val.		0.013	
W.S. Elev (m)	76.31	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	76.63	Flow Area (m2)		51.53	
E.G. Slope (m/m)	0.003177	Area (m2)		51.53	
Q Total (m3/s)	250.00	Flow (m3/s)		250.00	
Top Width (m)	42.50	Top Width (m)		42.50	
Vel Total (m/s)	4.85	Avg. Vel. (m/s)		4.85	
Max Chl Dpth (m)	1.25	Hydr. Depth (m)		1.21	
Conv. Total (m3/s)	4435.3	Conv. (m3/s)		4435.3	
Length Wtd. (m)	20.00	Wetted Per. (m)		43.53	
Min Ch El (m)	75.06	Shear (N/m2)		36.88	
Alpha	1.00	Stream Power (N/m s)		178.92	
Frctn Loss (m)	0.06	Cum Volume (1000 m3)		1.03	
C & E Loss (m)	0.00	Cum SA (1000 m2)		0.85	

Plan: 01 Channel R01 RS: 20.000* Profile: PF 2

E.G. Elev (m)	78.70	Element	Left OB	Channel	Right OB
Vel Head (m)	1.33	Wt. n-Val.		0.013	
W.S. Elev (m)	77.37	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	77.52	Flow Area (m2)		97.77	
E.G. Slope (m/m)	0.001643	Area (m2)		97.77	
Q Total (m3/s)	500.00	Flow (m3/s)		500.00	
Top Width (m)	44.62	Top Width (m)		44.62	
Vel Total (m/s)	5.11	Avg. Vel. (m/s)		5.11	
Max Chl Dpth (m)	2.31	Hydr. Depth (m)		2.19	
Conv. Total (m3/s)	12336.6	Conv. (m3/s)		12336.6	
Length Wtd. (m)	20.00	Wetted Per. (m)		46.54	
Min Ch El (m)	75.06	Shear (N/m2)		33.84	
Alpha	1.00	Stream Power (N/m s)		173.08	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		1.93	
C & E Loss (m)	0.01	Cum SA (1000 m2)		0.89	

Plan: 01 Channel R01 RS: 20.000* Profile: PF 3

E.G. Elev (m)	79.78	Element	Left OB	Channel	Right OB
Vel Head (m)	1.68	Wt. n-Val.		0.013	
W.S. Elev (m)	78.10	Reach Len. (m)	20.00	20.00	20.00
Crit W.S. (m)	78.26	Flow Area (m2)		130.73	
E.G. Slope (m/m)	0.001487	Area (m2)		130.73	
Q Total (m3/s)	750.00	Flow (m3/s)		750.00	
Top Width (m)	46.08	Top Width (m)		46.08	
Vel Total (m/s)	5.74	Avg. Vel. (m/s)		5.74	
Max Chl Dpth (m)	3.04	Hydr. Depth (m)		2.84	
Conv. Total (m3/s)	19451.4	Conv. (m3/s)		19451.4	
Length Wtd. (m)	20.00	Wetted Per. (m)		48.59	
Min Ch El (m)	75.06	Shear (N/m2)		39.22	

Plan: 01 Channel R01 RS: 20.000* Profile: PF 3 (Continued)

Alpha	1.00	Stream Power (N/m s)		225.03	
Frctn Loss (m)	0.03	Cum Volume (1000 m3)		2.68	
C & E Loss (m)	0.05	Cum SA (1000 m2)		0.92	

Plan: 01 Channel R01 RS: 0 Profile: PF 1

E.G. Elev (m)	77.45	Element	Left OB	Channel	Right OB
Vel Head (m)	1.19	Wt. n-Val.		0.013	
W.S. Elev (m)	76.25	Reach Len. (m)			
Crit W.S. (m)	76.57	Flow Area (m2)		51.65	
E.G. Slope (m/m)	0.003154	Area (m2)		51.65	
Q Total (m3/s)	250.00	Flow (m3/s)		250.00	
Top Width (m)	42.50	Top Width (m)		42.50	
Vel Total (m/s)	4.84	Avg. Vel. (m/s)		4.84	
Max Chl Dpth (m)	1.25	Hydr. Depth (m)		1.22	
Conv. Total (m3/s)	4451.6	Conv. (m3/s)		4451.6	
Length Wtd. (m)		Wetted Per. (m)		43.54	
Min Ch El (m)	75.00	Shear (N/m2)		36.69	
Alpha	1.00	Stream Power (N/m s)		177.58	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: 01 Channel R01 RS: 0 Profile: PF 2

E.G. Elev (m)	78.66	Element	Left OB	Channel	Right OB
Vel Head (m)	1.41	Wt. n-Val.		0.013	
W.S. Elev (m)	77.25	Reach Len. (m)			
Crit W.S. (m)	77.46	Flow Area (m2)		94.97	
E.G. Slope (m/m)	0.001800	Area (m2)		94.97	
Q Total (m3/s)	500.00	Flow (m3/s)		500.00	
Top Width (m)	44.50	Top Width (m)		44.50	
Vel Total (m/s)	5.26	Avg. Vel. (m/s)		5.26	
Max Chl Dpth (m)	2.25	Hydr. Depth (m)		2.13	
Conv. Total (m3/s)	11784.5	Conv. (m3/s)		11784.5	
Length Wtd. (m)		Wetted Per. (m)		46.36	
Min Ch El (m)	75.00	Shear (N/m2)		36.17	
Alpha	1.00	Stream Power (N/m s)		190.40	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			

Plan: 01 Channel R01 RS: 0 Profile: PF 3

E.G. Elev (m)	79.70	Element	Left OB	Channel	Right OB
Vel Head (m)	1.52	Wt. n-Val.		0.013	
W.S. Elev (m)	78.18	Reach Len. (m)			
Crit W.S. (m)	78.20	Flow Area (m2)		137.18	
E.G. Slope (m/m)	0.001280	Area (m2)		137.18	
Q Total (m3/s)	750.00	Flow (m3/s)		750.00	
Top Width (m)	46.35	Top Width (m)		46.35	
Vel Total (m/s)	5.47	Avg. Vel. (m/s)		5.47	
Max Chl Dpth (m)	3.18	Hydr. Depth (m)		2.96	
Conv. Total (m3/s)	20965.7	Conv. (m3/s)		20965.7	
Length Wtd. (m)		Wetted Per. (m)		48.99	
Min Ch El (m)	75.00	Shear (N/m2)		35.14	
Alpha	1.00	Stream Power (N/m s)		192.13	
Frctn Loss (m)		Cum Volume (1000 m3)			
C & E Loss (m)		Cum SA (1000 m2)			