HEC-RAS Plan: 03 River: LAVAGNA Reach: unico

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Mann Wtd Chnl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		
unico	18	50	635.00	99.79	103.81	104.61	107.00	0.012015	7.92	80.19	22.59	1.34	0.029
unico	18	200	1119.00	99.79	105.45	106.62	109.97	0.012017	9.43	118.72	24.50	1.37	0.029
unico	17	50	635.00	99.37	105.45	103.95	106.53	0.001818	4.62	137.36	31.60	0.63	0.029
unico	17	200	1119.00	99.37	104.51	105.82	109.40	0.010439	9.80	114.22	30.44	1.45	0.029
unico	16.5		Bridge										
unico	16	50	635.00	99.36	105.51	103.55	106.44	0.001384	4.27	148.76	33.95	0.55	0.029
unico	16	200	1119.00	99.36	107.17	105.42	108.94	0.001913	5.90	189.65	36.59	0.68	0.029
unico	15	50	635.00	99.30	104.34	104.34	106.26	0.006047	6.14	103.37	27.00	1.00	0.029
unico	15	200	1119.00	99.30	106.23	106.25	108.77	0.005748	7.06	158.42	31.55	1.01	0.029
unico	14	50	635.00	98.76	102.75	103.58	105.73	0.012287	7.65	83.01	27.52	1.41	0.029
unico	14	200	1119.00	98.76	104.22	105.35	108.23	0.011484	8.87	126.17	31.20	1.41	0.029
unico	13	50	635.00	98.65	103.29	103.29	105.13	0.006014	6.01	105.60	28.56	1.00	0.029
unico	13	200	1119.00	98.65	105.10	105.10	107.56	0.005663	6.95	161.01	32.65	1.00	0.029
unico	12	50	635.00	98.70	101.21	102.31	104.77	0.020580	8.36	75.98	33.48	1.77	0.029
unico	12	200	1119.00	98.70	102.34	103.83	107.15	0.018052	9.72	115.17	35.93	1.73	0.029
unico	11	50	635.00	97.75	100.61	101.57	103.77	0.018568	7.87	80.68	37.00	1.70	0.029
unico	11	200	1119.00	97.75	101.53	103.00	106.30	0.019145	9.68	115.60	39.15	1.80	0.029
unico	10.9	50	635.00	96.93	99.92	101.03	103.56	0.021580	8.45	75.11	34.66	1.83	0.029
unico	10.9	200	1119.00	96.93	100.89	102.49	106.10	0.021095	10.11	110.68	37.86	1.89	0.029
unico	10	50	635.00	96.87	101.55	100.77	102.52	0.002994	4.37	145.46	39.12	0.72	0.029
unico	10	200	1119.00	96.87	104.21	102.22	105.18	0.001749	4.38	255.77	43.87	0.58	0.029
unico	9.9	50	635.00	96.25	101.75		102.29	0.001367	3.26	194.50	45.42	0.50	0.029
unico	9.9	200	1119.00	96.25	104.39		105.01	0.000961	3.49	320.51	49.98	0.44	0.029
unico	9	50	635.00	95.30	101.87		102.23	0.000709	2.66	238.28	44.74	0.37	0.029
unico	9	200	1119.00	95.30	104.47		104.97	0.000660	3.11	360.10	48.74	0.36	0.029
unico	8.8	50	635.00	94.70	99.99	99.99	102.02	0.006235	6.30	100.72	24.82	1.00	0.029
unico	8.8	200	1119.00	94.70	101.94	101.94	104.70	0.006023	7.36	152.04	27.56	1.00	0.029
unico	8	50	635.00	94.68	99.54	99.79	101.77	0.007415	6.61	96.10	25.57	1.09	0.029

HEC-RAS Plan: 03 River: LAVAGNA Reach: unico (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl	Mann Wtd Chnl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)		
unico	8	200	1119.00	94.68	101.15	101.66	104.41	0.008010	8.00	139.80	28.63	1.16	0.029
unico	7.9	50	635.00	94.57	100.19	98.72	100.95	0.001939	3.87	164.27	37.74	0.59	0.029
unico	7.9	200	1119.00	94.57	102.38	100.33	103.37	0.001772	4.42	253.33	43.67	0.59	0.029
unico	7	50	635.00	94.40	98.93	98.93	100.72	0.005952	5.93	107.04	29.77	1.00	0.029
unico	7	200	1119.00	94.40	100.66	100.66	103.11	0.005626	6.93	161.40	32.99	1.00	0.029
unico	6	50	635.00	92.92	96.19	97.33	99.82	0.018087	8.44	75.20	29.67	1.69	0.029
unico	6	200	1119.00	92.92	97.47	98.97	102.22	0.016230	9.65	115.93	34.05	1.67	0.029
unico	5	50	635.00	92.28	95.61	96.52	98.54	0.016029	7.59	83.66	36.35	1.60	0.029
unico	5	200	1119.00	92.28	100.53	97.92	101.20	0.001088	3.60	310.53	51.90	0.47	0.029
unico	4	50	635.00	91.94	97.42	96.09	98.23	0.002135	3.99	159.13	37.79	0.62	0.029
unico	4	200	1119.00	91.94	100.33		101.14	0.001328	3.99	280.36	45.41	0.51	0.029
unico	3	50	635.00	91.07	96.44	95.82	97.99	0.003205	5.51	115.14	36.56	0.81	0.029
unico	3	200	1119.00	91.07	98.64	97.71	100.88	0.002786	6.63	168.70	42.71	0.80	0.029
unico	2.95		Bridge										
unico	2.9	50	635.00	91.07	95.36	95.82	97.96	0.007598	7.15	88.87	33.57	1.19	0.029
unico	2.9	200	1119.00	91.07	96.99	97.71	100.86	0.006921	8.72	128.39	38.06	1.21	0.029
unico	2	50	635.00	91.05	95.87	95.87	97.64	0.005950	5.91	107.51	30.43	1.00	0.029
unico	2	200	1119.00	91.05	96.38	97.63	100.55	0.012512	9.05	123.68	32.09	1.47	0.029
unico	1	50	635.00	90.76	94.29	94.95	97.05	0.011523	7.36	86.27	27.46	1.33	0.029
unico	1	200	1119.00	90.76	95.61	96.73	99.79	0.012273	9.06	123.55	28.99	1.40	0.029