

REGIONE
TOSCANA



**Ufficio Tecnico del Genio Civile
di Area Vasta Firenze-Prato-Pistoia-Arezzo**

**Comune di
Certaldo**

REGOLAMENTO URBANISTICO COMUNE DI CERTALDO

STUDIO IDROLOGICO IDRAULICO

L.R. n°1 03/01/2005 - D.P.G.R. n°26/R 27/04/2007
- D.P.C.M 06/05/2005

Allegati idraulici F. Elsa

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Giugno 2010

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	357.3	Max WS	693.87	91.55		92.58	84.18	0.004908	4.50	154.27	3.66	0.71
Elsa	Poggi_Castellior	357.2	Max WS	693.87	91.55		92.57	84.15	0.004800	4.46	155.43	3.68	0.71
Elsa	Poggi_Castellior	357	Max WS	693.80	91.80		91.96	84.25	0.000728	1.81	383.46	3.91	0.29
Elsa	Poggi_Castellior	356	Max WS	693.74	91.70		91.89	84.60	0.000805	1.91	362.75	3.94	0.30
Elsa	Poggi_Castellior	355	Max WS	693.64	91.52		91.73	83.39	0.000839	2.01	345.30	4.11	0.31
Elsa	Poggi_Castellior	354	Max WS	693.64	91.37		91.68	83.34	0.001295	2.49	279.13	4.08	0.38
Elsa	Poggi_Castellior	353.9	Max WS	693.63	91.40	88.36	91.66	83.17	0.000972	2.28	304.24	4.45	0.33
Elsa	Poggi_Castellior	353.5		Bridge									
Elsa	Poggi_Castellior	353.1	Max WS	693.61	91.37		91.64	83.17	0.000987	2.29	302.69	4.43	0.34
Elsa	Poggi_Castellior	353	Max WS	693.62	91.36		91.63	82.70	0.000919	2.31	300.27	4.73	0.33
Elsa	Poggi_Castellior	352	Max WS	693.60	91.39		91.58	82.60	0.000666	1.94	357.20	4.64	0.28
Elsa	Poggi_Castellior	351	Max WS	693.57	91.01		91.39	81.90	0.001399	2.74	252.86	4.47	0.40
Elsa	Poggi_Castellior	350.99		Lat Struct									
Elsa	Poggi_Castellior	350.66	Max WS	669.19	90.83		91.28	82.08	0.001401	3.02	230.13	4.58	0.40
Elsa	Poggi_Castellior	350.33	Max WS	659.17	90.70		91.16	81.63	0.001450	3.01	221.59	4.67	0.40
Elsa	Poggi_Castellior	350	Max WS	692.90	90.54		91.02	81.70	0.001842	3.05	228.50	4.08	0.45
Elsa	Poggi_Castellior	349	Max WS	893.62	90.03		90.63	81.40	0.001765	3.48	263.56	4.76	0.46
Elsa	Poggi_Castellior	348.99		Lat Struct									
Elsa	Poggi_Castellior	348.9	Max WS	887.96	90.02		90.62	81.40	0.001746	3.46	263.39	4.75	0.45
Elsa	Poggi_Castellior	348.5	Max WS	891.88	89.41		90.17	81.24	0.002593	3.97	248.94	3.35	0.53
Elsa	Poggi_Castellior	348.48		Lat Struct									
Elsa	Poggi_Castellior	348	Max WS	874.91	89.23		89.96	80.83	0.002980	3.85	254.43	2.14	0.57
Elsa	Poggi_Castellior	347.5	Max WS	857.35	89.48		89.68	79.61	0.000659	2.28	514.67	3.16	0.26
Elsa	Poggi_Castellior	347.49		Lat Struct									
Elsa	Poggi_Castellior	347	Max WS	815.93	89.11		89.47	80.40	0.001345	2.71	314.78	3.70	0.39
Elsa	Poggi_Castellior	346.5	Max WS	803.80	89.23		89.29	79.50	0.000198	1.14	722.78	4.74	0.16
Elsa	Poggi_Castellior	346	Max WS	725.99	89.17		89.27	79.51	0.000382	1.39	524.90	3.86	0.21
Elsa	Poggi_Castellior	345.98		Lat Struct									
Elsa	Poggi_Castellior	345.5	Max WS	676.50	89.09		89.21	79.47	0.000480	1.55	449.45	3.93	0.24
Elsa	Poggi_Castellior	345	Max WS	882.63	88.16		88.87	78.83	0.002882	3.75	241.15	3.73	0.56
Elsa	Poggi_Castellior	344.99		Lat Struct									
Elsa	Poggi_Castellior	344.98		Lat Struct									
Elsa	Poggi_Castellior	344.5	Max WS	857.23	88.00		88.55	79.03	0.002309	3.27	262.40	3.99	0.49
Elsa	Poggi_Castellior	344	Max WS	867.83	87.42		88.33	79.80	0.004632	4.21	205.91	3.47	0.70
Elsa	Poggi_Castellior	343	Max WS	884.15	86.71		87.38	77.80	0.002815	3.63	247.52	3.72	0.56
Elsa	Poggi_Castellior	342.98		Lat Struct									
Elsa	Poggi_Castellior	342	Max WS	784.07	86.24		86.75	77.80	0.002091	3.18	251.22	3.66	0.48
Elsa	Poggi_Castellior	341.99		Lat Struct									
Elsa	Poggi_Castellior	341.6	Max WS	856.07	85.77		86.25	77.00	0.001428	3.08	282.69	4.36	0.40
Elsa	Poggi_Castellior	341.5	Max WS	856.08	85.76		86.22	77.00	0.001422	3.02	284.96	4.58	0.40
Elsa	Poggi_Castellior	341.4	Max WS	855.36	85.68		86.20	77.00	0.001589	3.20	272.36	4.33	0.43
Elsa	Poggi_Castellior	341.39		Lat Struct									
Elsa	Poggi_Castellior	341.38		Lat Struct									
Elsa	Poggi_Castellior	341	Max WS	747.52	85.62		85.83	77.30	0.000737	2.06	376.60	3.98	0.30
Elsa	Poggi_Castellior	340	Max WS	685.93	85.65		85.78	77.70	0.000465	1.59	432.32	4.49	0.23
Elsa	Poggi_Castellior	339.98		Lat Struct									
Elsa	Poggi_Castellior	339	Max WS	660.91	85.56		85.76	76.80	0.000798	2.03	414.38	4.15	0.30
Elsa	Poggi_Castellior	338	Max WS	740.65	84.23		84.90	75.80	0.002883	3.65	250.72	3.79	0.56
Elsa	Poggi_Castellior	337.98		Lat Struct									
Elsa	Poggi_Castellior	337	Max WS	761.67	84.01		84.35	75.60	0.001452	2.59	293.80	3.99	0.40
Elsa	Poggi_Castellior	336.99		Lat Struct									
Elsa	Poggi_Castellior	336	Max WS	788.76	83.64		84.06	75.60	0.001393	2.89	280.13	4.30	0.41
Elsa	Poggi_Castellior	335.09		Lat Struct									
Elsa	Poggi_Castellior	335	Max WS	808.64	83.49		83.84	74.60	0.001168	2.61	309.73	4.75	0.36
Elsa	Poggi_Castellior	334	Max WS	879.07	82.78		83.23	74.40	0.003051	3.08	308.59	2.49	0.55
Elsa	Poggi_Castellior	333.99		Lat Struct									
Elsa	Poggi_Castellior	333.98		Lat Struct									
Elsa	Poggi_Castellior	333.68		Lat Struct									
Elsa	Poggi_Castellior	333.58		Lat Struct									
Elsa	Poggi_Castellior	333.5	Max WS	878.92	82.24		82.73	74.60	0.001957	3.24	331.96	4.27	0.47
Elsa	Poggi_Castellior	333	Max WS	877.93	82.15		82.57	74.60	0.001687	2.99	572.97	4.24	0.44
Elsa	Poggi_Castellior	332.5	Max WS	875.85	82.04		82.45	74.49	0.002127	2.86	556.80	3.65	0.43
Elsa	Poggi_Castellior	332.49		Lat Struct									
Elsa	Poggi_Castellior	332.25	Max WS	872.51	81.82		82.24	74.29	0.001787	3.03	560.14	4.14	0.45
Elsa	Poggi_Castellior	332	Max WS	869.59	82.02		82.20	74.20	0.000767	1.91	456.17	4.04	0.30
Elsa	Poggi_Castellior	331	Max WS	862.55	81.70	78.53	82.15	73.50	0.001167	2.98	290.83	5.45	0.38
Elsa	Poggi_Castellior	330.75		Bridge									
Elsa	Poggi_Castellior	330.5	Max WS	862.55	81.65		82.09	73.50	0.001282	2.94	293.45	5.30	0.38
Elsa	Poggi_Castellior	330.49		Lat Struct									
Elsa	Poggi_Castellior	330	Max WS	858.34	81.15		82.03	73.65	0.003085	4.17	206.90	4.25	0.59
Elsa	Poggi_Castellior	329.98		Lat Struct									
Elsa	Poggi_Castellior	329	Max WS	857.92	81.43		81.92	72.60	0.002046	3.09	277.38	4.02	0.47
Elsa	Poggi_Castellior	328	Max WS	813.96	81.20		81.67	72.60	0.001876	3.03	269.23	3.95	0.46
Elsa	Poggi_Castellior	327.99		Lat Struct									
Elsa	Poggi_Castellior	327	Max WS	803.77	81.04		81.60	72.60	0.002432	3.29	244.02	3.89	0.52
Elsa	Poggi_Castellior	326.98		Lat Struct									
Elsa	Poggi_Castellior	326	Max WS	791.75	80.47		80.99	72.50	0.002892	3.21	246.53	3.28	0.55
Elsa	Poggi_Castellior	325.58		Lat Struct									
Elsa	Poggi_Castellior	325	Max WS	734.63	80.00		80.33	72.20	0.001456	2.54	288.87	3.87	0.40
Elsa	Poggi_Castellior	324.99		Lat Struct									
Elsa	Poggi_Castellior	324.49		Lat Struct									
Elsa	Poggi_Castellior	324	Max WS	545.39	79.79		80.24	72.30	0.002372	3.00	181.67	3.44	0.50
Elsa	Poggi_Castellior	323.857*	Max WS	545.27	79.71		80.15	72.31	0.002292	2.93	186.33	3.40	0.49
Elsa	Poggi_Castellior	323.714*	Max WS	538.49	79.66		80.06	72.31	0.002079	2.79	192.86	3.41	0.47
Elsa	Poggi_Castellior	323.571*	Max WS	490.26	79.77		80.05	72.32	0.001412	2.36	207.76	3.54	0.39
Elsa	Poggi_Castellior	323.428*	Max WS	481.03	79.75		80.00	72.33	0.001217	2.22	216.75	3.58	0.36
Elsa	Poggi_Castellior	323.285*	Max WS	465.53	79.76		79.97	72.34	0.001030	2.05	227.07	3.63	0.33
Elsa	Poggi_Castellior	323.142*	Max WS	441.83	79.78		79.95	72.34	0.000799	1.85	238.75	3.70	0.30
Elsa	Poggi_Castellior	323	Max WS	407.84	79.81		79.95	72.35	0.000611	1.62	251.76	3.78	0.26
Elsa	Poggi_Castellior	322.98		Lat Struct									
Elsa	Poggi_Castellior	322	Max WS	533.64	79.18		79.39	72.32	0.001657	2.04	261.91	2.52	0.41
Elsa	Poggi_Castellior	321.98		Lat Struct									
Elsa	Poggi_Castellior	321	Max WS	533.84	78.75		79.04	72.30	0.001663	2.40	222.90	3.20	0.42
Elsa	Poggi_Castellior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	551.86	78.17		78.60	71.80	0.002914	2.91	189.85	2.81	0.54
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	375.10	77.80		78.03	71.60	0.000956	2.17	187.85	3.27	0.32
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	626.52	77.05		77.39	71.20	0.001244	2.59	242.87	3.88	0.38
Elsa	Poggi_Castellior	317.6	Max WS	633.06	77.11		77.38	71.20	0.000954	2.29	279.86	4.14	0.33
Elsa	Poggi_Castellior	317.56	Max WS	641.85	77.06		77.35	71.20	0.001177	2.38	271.28	3.91	0.35
Elsa	Poggi_Castellior	317.54	Max WS	641.79	77.04		77.33	71.20	0.001189	2.38	271.44	3.83	0.35
Elsa	Poggi_Castellior	317.5	Max WS	641.78	77.04		77.33	71.20	0.001087	2.38	271.93	4.07	0.35
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	627.52	77.06		77.33	71.20	0.000990	2.29	275.73	4.18	0.34
Elsa	Poggi_Castellior	317.32*	Max WS	600.41	77.05		77.32	71.17	0.001053	2.32	259.42	4.11	0.35
Elsa	Poggi_Castellior	317.24*	Max WS	576.34	77.02		77.31	71.14	0.001155	2.39	242.33	4.01	0.36
Elsa	Poggi_Castellior	317.16*	Max WS	554.93	76.99		77.30	71.12	0.001313	2.48	224.50	3.89	0.39
Elsa	Poggi_Castellior	317.08*	Max WS	536.17	76.94		77.28	71.09	0.001561	2.61	205.64	3.73	0.42
Elsa	Poggi_Castellior	317	Max WS	528.39	76.82		77.24	71.06	0.002129	2.88	183.69	3.50	0.48
Elsa	Poggi_Castellior	316.5*	Max WS	532.52	76.84		77.18	71.14	0.001751	2.59	205.90	3.60	0.42
Elsa	Poggi_Castellior	316	Max WS	548.20	76.66	75.16	77.09	71.22	0.002165	2.90	191.01	3.19	0.48
Elsa	Poggi_Castellior	315.5		Ini Struct									
Elsa	Poggi_Castellior	315	Max WS	547.39	76.26		76.30	67.50	0.000109	0.95	577.66	6.14	0.12
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	615.82	76.14		76.28	67.40	0.000386	1.64	376.01	5.26	0.22
Elsa	Poggi_Castellior	313	Max WS	615.55	76.03		76.27	67.30	0.000823	2.16	298.71	4.61	0.30
Elsa	Poggi_Castellior	312.9	Max WS	615.50	76.03	72.17	76.27	67.30	0.000799	2.16	298.92	4.58	0.30
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	615.35	75.96		76.25	67.30	0.000864	2.42	259.12	4.76	0.31
Elsa	Poggi_Castellior	312	Max WS	615.29	75.95		76.25	67.30	0.000864	2.42	259.31	4.76	0.31
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	615.51	75.75		76.21	67.30	0.001783	3.03	203.60	4.22	0.45
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	623.81	75.66		76.08	67.06	0.001571	2.87	217.30	4.30	0.42
Elsa	Poggi_Castellior	310.6*	Max WS	630.54	75.58		75.96	66.82	0.001353	2.71	233.13	4.40	0.39
Elsa	Poggi_Castellior	310.4*	Max WS	615.86	75.58		75.88	66.58	0.001054	2.44	252.58	4.54	0.35
Elsa	Poggi_Castellior	310.2*	Max WS	566.64	75.64		75.85	66.34	0.000705	2.05	276.30	4.72	0.28
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	542.29	75.65		75.82	66.10	0.000534	1.82	298.14	4.85	0.25
Elsa	Poggi_Castellior	309.8*	Max WS	582.36	75.55		75.74	65.92	0.000665	1.94	299.86	4.72	0.27
Elsa	Poggi_Castellior	309.6*	Max WS	679.47	75.33		75.61	65.74	0.001060	2.32	292.56	4.46	0.34
Elsa	Poggi_Castellior	309.4*	Max WS	831.75	74.83		75.33	65.56	0.002353	3.14	265.11	4.01	0.48
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	820.94	74.63		75.16	65.38	0.002559	3.21	255.67	3.89	0.50
Elsa	Poggi_Castellior	309	Max WS	781.93	74.55		75.04	65.20	0.002123	3.09	253.27	3.90	0.48
Elsa	Poggi_Castellior	308.8*	Max WS	779.25	74.41		74.89	65.16	0.002402	3.07	253.56	3.82	0.48
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	765.49	74.30		74.76	65.12	0.002349	3.00	254.89	3.70	0.48
Elsa	Poggi_Castellior	308.4*	Max WS	723.79	74.28		74.67	65.08	0.001892	2.76	262.72	3.68	0.44
Elsa	Poggi_Castellior	308.2*	Max WS	686.86	74.26		74.59	65.04	0.001608	2.54	270.47	3.67	0.41
Elsa	Poggi_Castellior	308	Max WS	654.75	74.25		74.53	65.00	0.001313	2.36	277.92	3.67	0.38
Elsa	Poggi_Castellior	307.75*	Max WS	626.78	74.26		74.48	64.75	0.001027	2.10	298.14	3.87	0.33
Elsa	Poggi_Castellior	307.5*	Max WS	599.52	74.26		74.45	64.50	0.000804	1.92	312.97	4.05	0.29
Elsa	Poggi_Castellior	307.25*	Max WS	566.13	74.27		74.43	64.25	0.000705	1.75	322.67	4.14	0.26
Elsa	Poggi_Castellior	307	Max WS	535.68	74.25		74.40	64.00	0.000513	1.76	307.89	4.60	0.24
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	507.50	74.20		74.39	63.80	0.000627	1.95	266.44	4.40	0.26
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	532.73	73.88		74.21	64.00	0.001034	2.55	218.29	4.01	0.34
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	598.59	73.51		73.94	63.74	0.001409	2.93	212.99	3.91	0.39
Elsa	Poggi_Castellior	304	Max WS	698.23	73.38		73.66	63.40	0.000822	2.36	300.25	4.91	0.31
Elsa	Poggi_Castellior	303.7	Max WS	805.63	72.83	70.42	73.40	63.80	0.001836	3.34	243.21	4.55	0.47
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	805.34	72.81		73.38	63.80	0.001865	3.35	241.97	4.53	0.47
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	740.32	72.59		73.14	63.80	0.001982	3.30	225.67	4.33	0.48
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	667.66	72.52		72.77	63.00	0.001137	2.23	299.93	3.82	0.35
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	551.16	72.08		72.41	63.00	0.001115	2.60	230.97	3.68	0.35
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	501.38	71.81		72.14	62.70	0.001264	2.55	196.45	4.23	0.37
Elsa	Poggi_Castellior	299.5	Max WS	532.52	71.86		71.93	61.57	0.000205	1.18	449.44	5.36	0.16
Elsa	Poggi_Castellior	299	Max WS	772.74	71.17		71.61	61.30	0.002121	3.00	269.49	3.34	0.47
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	741.61	70.87		71.34	61.20	0.001636	3.08	366.52	3.83	0.43
Elsa	Poggi_Castellior	298.62	Max WS	763.21	70.90		71.21	61.50	0.000759	2.51	454.73	4.85	0.31
Elsa	Poggi_Castellior	298.61	Max WS	764.22	70.96		71.17	61.50	0.000506	2.07	455.30	5.23	0.25
Elsa	Poggi_Castellior	298.6	Max WS	764.29	70.95		71.17	61.50	0.000740	2.07	373.18	4.32	0.28
Elsa	Poggi_Castellior	298.4	Max WS	764.16	70.94		71.16	61.50	0.000744	2.08	372.49	4.31	0.28
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	758.03	70.95		71.16	61.50	0.000621	2.04	374.42	5.05	0.27
Elsa	Poggi_Castellior	298.09	Max WS	690.84	70.78		71.05	60.57	0.001074	2.32	300.88	4.05	0.34
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	822.52	70.49		70.76	62.50	0.001243	2.32	355.13	3.79	0.37
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	830.87	69.62		70.26	61.70	0.002822	3.53	235.29	3.86	0.55
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	628.45	69.58		69.96	61.20	0.001362	2.71	232.90	4.29	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	743.00	68.60		69.17	62.20	0.002766	3.35	221.86	3.58	0.55
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	612.95	68.56		68.75	61.90	0.000880	1.94	316.22	3.76	0.31
Elsa	Poggi_Castellior	292	Max WS	454.73	68.35		68.64	61.90	0.001455	2.38	190.76	3.52	0.39
Elsa	Poggi_Castellior	291.75*	Max WS	446.57	68.35		68.59	61.93	0.001369	2.15	207.29	3.55	0.35
Elsa	Poggi_Castellior	291.5*	Max WS	440.02	68.34		68.54	61.95	0.001104	1.95	225.57	3.59	0.32
Elsa	Poggi_Castellior	291.25*	Max WS	434.71	68.33		68.49	61.97	0.000887	1.77	245.95	3.65	0.28
Elsa	Poggi_Castellior	291	Max WS	428.86	68.33		68.46	62.00	0.000602	1.60	268.73	3.72	0.25
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	552.49	67.56		67.97	61.90	0.002420	2.86	193.69	3.09	0.50
Elsa	Poggi_Castellior	289	Max WS	564.92	66.78		67.44	61.80	0.004700	3.59	157.29	2.70	0.68
Elsa	Poggi_Castellior	288	Max WS	566.25	67.05		67.28	62.00	0.001699	2.12	267.38	2.61	0.41
Elsa	Poggi_Castellior	287.6	Max WS	566.27	67.04	65.73	67.27	62.00	0.001734	2.13	265.96	2.60	0.41
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	566.24	66.91		66.94	58.70	0.000147	0.77	732.71	3.62	0.13
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	618.81	66.91		66.93	58.00	0.000094	0.70	895.91	4.24	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	753.99	66.68		66.87	58.90	0.001160	1.94	388.29	3.06	0.35
Elsa	Poggi_Castellior	283	Max WS	807.79	66.35		66.66	58.60	0.001806	2.46	363.16	3.14	0.44
Elsa	Poggi_Castellior	282	Max WS	801.14	66.20		66.58	58.50	0.002183	2.76	351.34	3.22	0.48
Elsa	Poggi_Castellior	281.9	Max WS	784.30	66.14	64.81	66.54	58.50	0.002228	2.81	343.62	3.27	0.48
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	801.66	66.27		66.47	58.80	0.000680	1.96	408.78	4.64	0.28
Elsa	Poggi_Castellior	281	Max WS	801.31	66.27		66.46	58.80	0.000683	1.96	408.08	4.64	0.29
Elsa	Poggi_Castellior	280	Max WS	790.74	66.23		66.42	58.00	0.000686	1.90	416.99	4.38	0.28
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	742.00	66.19		66.41	58.00	0.000693	2.07	361.58	4.70	0.29
Elsa	Poggi_Castellior	277	Max WS	741.19	66.19		66.41	58.00	0.000691	2.07	361.64	4.70	0.29
Elsa	Poggi_Castellior	276	Max WS	667.54	66.06		66.36	57.60	0.001119	2.41	277.28	4.35	0.35
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	642.16	65.83		66.26	57.88	0.001767	2.93	219.99	3.97	0.44
Elsa	Poggi_Castellior	273	Max WS	618.66	65.66		65.94	57.39	0.001125	2.34	264.58	4.14	0.35
Elsa	Poggi_Castellior	272	Max WS	605.82	65.63		65.81	56.94	0.000749	1.91	317.81	4.14	0.29
Elsa	Poggi_Castellior	271	Max WS	823.00	64.89		65.29	56.54	0.001873	2.79	295.28	3.68	0.45
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	790.81	64.73		65.06	56.53	0.001421	2.53	313.19	3.90	0.39
Elsa	Poggi_Castellior	269	Max WS	770.88	64.44		64.84	54.36	0.001650	2.82	273.43	4.12	0.42
Elsa	Poggi_Castellior	268	Max WS	753.51	63.93		64.35	54.91	0.002168	2.88	261.48	3.47	0.48
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	753.48	63.68		64.10	54.27	0.001829	2.88	261.87	3.93	0.43
Elsa	Poggi_Castellior	266	Max WS	753.46	63.56		63.92	54.22	0.001410	2.67	282.04	4.27	0.39
Elsa	Poggi_Castellior	265	Max WS	753.46	63.53		63.80	54.36	0.001212	2.33	323.17	3.90	0.36
Elsa	Poggi_Castellior	264	Max WS	746.11	63.22		63.59	53.78	0.001691	2.68	277.91	3.75	0.42
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	825.15	62.63		63.00	52.82	0.001995	2.67	308.74	3.29	0.45
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	739.81	62.21		62.59	52.86	0.001780	2.75	268.55	3.75	0.43
Elsa	Poggi_Castellior	261	Max WS	621.18	62.04		62.35	52.58	0.001489	2.49	249.60	3.69	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	621.12	62.00		62.31	52.66	0.001442	2.45	253.34	3.69	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	621.12	61.96		62.26	52.75	0.001409	2.42	257.17	3.67	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	621.12	61.93		62.22	52.83	0.001369	2.38	261.14	3.67	0.39
Elsa	Poggi_Castellior	260.333*	Max WS	621.11	61.90		62.18	52.92	0.001316	2.34	265.19	3.69	0.38
Elsa	Poggi_Castellior	260.166*	Max WS	621.10	61.86		62.13	53.01	0.001271	2.31	269.29	3.70	0.37
Elsa	Poggi_Castellior	260	Max WS	621.10	61.83		62.09	53.09	0.001231	2.27	273.46	3.71	0.37
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	735.56	60.85		61.34	51.64	0.002397	3.08	239.11	3.54	0.50
Elsa	Poggi_Castellior	258	Max WS	674.51	60.66		61.06	51.94	0.001802	2.80	240.57	3.82	0.44
Elsa	Poggi_Castellior	257	Max WS	629.86	60.44		60.81	50.99	0.001580	2.70	233.35	3.98	0.40
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	525.55	60.39		60.72	51.39	0.001464	2.54	206.64	3.86	0.39
Elsa	Poggi_Castellior	255	Max WS	480.91	60.31		60.55	50.78	0.000980	2.17	223.26	3.83	0.32
Elsa	Poggi_Castellior	254	Max WS	500.68	60.13		60.45	51.95	0.001346	2.49	202.03	3.75	0.38
Elsa	Poggi_Castellior	253.7	Max WS	579.76	59.76		60.15	51.50	0.001832	2.77	209.44	3.70	0.43
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	560.59	59.53		59.87	51.30	0.001709	2.58	216.99	3.52	0.41
Elsa	Poggi_Castellior	253	Max WS	588.99	59.05		59.49	51.63	0.002062	2.97	203.13	3.31	0.47
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	505.72	58.80		59.19	50.91	0.001613	2.77	183.08	3.96	0.41
Elsa	Poggi_Castellior	251	Max WS	394.98	58.81		59.00	51.06	0.000815	1.93	206.40	3.62	0.30
Elsa	Poggi_Castellior	250	Max WS	327.66	58.71		58.92	50.57	0.000940	2.02	163.49	3.56	0.31
Elsa	Poggi_Castellior	249	Max WS	288.70	58.71		58.82	50.30	0.000324	1.47	232.66	5.23	0.19
Elsa	Poggi_Castellior	248.5*	Max WS	285.96	58.69		58.81	50.15	0.000412	1.53	231.54	5.26	0.20
Elsa	Poggi_Castellior	248	Max WS	287.53	58.68		58.80	49.99	0.000326	1.53	252.79	5.53	0.19
Elsa	Poggi_Castellior	247.666*	Max WS	291.86	58.67		58.78	49.82	0.000277	1.48	230.99	5.48	0.19
Elsa	Poggi_Castellior	247.333*	Max WS	301.08	58.64		58.76	49.64	0.000336	1.54	209.39	5.00	0.20
Elsa	Poggi_Castellior	247	Max WS	329.86	58.54		58.71	49.47	0.000613	1.80	186.08	4.06	0.24
Elsa	Poggi_Castellior	246.833*	Max WS	335.26	58.55		58.69	49.43	0.000473	1.69	206.31	4.52	0.23
Elsa	Poggi_Castellior	246.666*	Max WS	341.55	58.54		58.67	49.38	0.000428	1.62	224.50	4.66	0.22
Elsa	Poggi_Castellior	246.5*	Max WS	351.79	58.52		58.65	49.33	0.000422	1.60	240.74	4.70	0.22
Elsa	Poggi_Castellior	246.333*	Max WS	366.98	58.49		58.62	49.29	0.000447	1.62	254.92	4.80	0.23
Elsa	Poggi_Castellior	246.166*	Max WS	391.09	58.44		58.59	49.25	0.000515	1.71	266.54	4.65	0.24

HEC-RAS Plan: Prova2T200d09 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	427.56	58.36		58.54	49.20	0.000660	1.87	274.24	4.42	0.27
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	428.88	58.36		58.54	49.20	0.000665	1.88	274.06	4.42	0.27
Elsa	Poggi_Castelfior	244	Max WS	632.23	57.60		58.02	49.36	0.001625	2.87	220.29	4.28	0.41
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	594.79	57.57		57.90	49.36	0.001240	2.51	238.34	4.09	0.37
Elsa	Poggi_Castelfior	242	Max WS	559.19	57.52		57.71	48.45	0.000653	1.94	289.94	4.49	0.27
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	582.87	57.11		57.45	48.42	0.001288	2.58	225.85	4.34	0.37
Elsa	Poggi_Castelfior	240.857*	Max WS	573.39	57.09		57.43	48.39	0.001292	2.57	223.28	4.30	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	564.48	57.08		57.40	48.36	0.001271	2.54	222.48	4.27	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	556.24	57.06		57.38	48.33	0.001225	2.49	223.47	4.27	0.36
Elsa	Poggi_Castelfior	240.428*	Max WS	547.94	57.05		57.35	48.31	0.001152	2.42	226.33	4.29	0.35
Elsa	Poggi_Castelfior	240.285*	Max WS	538.59	57.05		57.33	48.28	0.001052	2.33	231.15	4.33	0.34
Elsa	Poggi_Castelfior	240.142*	Max WS	525.61	57.07		57.32	48.25	0.000924	2.21	238.14	4.41	0.31
Elsa	Poggi_Castelfior	240	Max WS	505.39	57.10		57.31	48.22	0.000768	2.04	247.45	4.50	0.28
Elsa	Poggi_Castelfior	239	Max WS	709.16	56.55		56.95	47.84	0.001285	2.80	253.71	4.90	0.38
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	663.09	56.30		56.74	48.07	0.001963	2.94	225.97	3.77	0.46
Elsa	Poggi_Castelfior	237	Max WS	666.39	56.17		56.60	48.60	0.001861	2.90	230.00	3.92	0.45
Elsa	Poggi_Castelfior	236	Max WS	664.75	56.29		56.58	48.21	0.001151	2.39	278.03	4.21	0.36
Elsa	Poggi_Castelfior	235	Max WS	658.27	56.23		56.55	47.79	0.001387	2.47	266.50	3.84	0.39
Elsa	Poggi_Castelfior	234	Max WS	649.31	56.27		56.51	47.30	0.000991	2.15	302.69	4.00	0.33
Elsa	Poggi_Castelfior	233	Max WS	569.02	56.23		56.39	48.23	0.000580	1.74	327.94	4.25	0.26
Elsa	Poggi_Castelfior	232	Max WS	577.43	55.26		55.80	48.71	0.003714	3.26	177.31	2.78	0.61
Elsa	Poggi_Castelfior	231	Max WS	625.03	54.97		55.22	47.01	0.001251	2.24	279.19	3.58	0.37
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	608.25	54.64		54.95	46.02	0.001640	2.46	247.56	3.30	0.41
Elsa	Poggi_Castelfior	228	Max WS	680.30	54.44		54.67	46.35	0.000808	2.14	317.52	4.66	0.31
Elsa	Poggi_Castelfior	227	Max WS	741.59	54.30		54.49	45.96	0.000657	1.92	386.14	4.47	0.28
Elsa	Poggi_Castelfior	226	Max WS	575.83	53.93		54.14	45.51	0.000947	2.03	283.74	3.79	0.32

HEC-RAS Plan: Prova2T10d09 Locations: User Defined Profile: Max WS

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	357.3	Max WS	574.00	91.04		91.96	84.18	0.004955	4.25	135.03	3.34	0.71
Elsa	Poggi_Castellior	357.2	Max WS	574.03	91.04		91.95	84.15	0.004843	4.22	136.13	3.36	0.70
Elsa	Poggi_Castellior	357	Max WS	574.16	91.21		91.36	84.25	0.000738	1.74	329.50	3.66	0.29
Elsa	Poggi_Castellior	356	Max WS	574.18	91.11		91.28	84.60	0.000883	1.85	311.10	3.48	0.31
Elsa	Poggi_Castellior	355	Max WS	574.02	90.92		91.11	83.39	0.000911	1.93	297.64	3.63	0.32
Elsa	Poggi_Castellior	354	Max WS	574.01	90.77		91.06	83.34	0.001334	2.38	241.26	3.74	0.38
Elsa	Poggi_Castellior	353.9	Max WS	574.03	90.80	87.93	91.04	83.17	0.000986	2.15	266.79	4.04	0.33
Elsa	Poggi_Castellior	353.5		Bridge									
Elsa	Poggi_Castellior	353.1	Max WS	574.04	90.78		91.02	83.17	0.001002	2.16	265.35	4.02	0.33
Elsa	Poggi_Castellior	353	Max WS	574.01	90.78		91.01	82.70	0.000888	2.16	266.21	4.38	0.32
Elsa	Poggi_Castellior	352	Max WS	574.04	90.79		90.96	82.60	0.000670	1.82	314.72	4.21	0.28
Elsa	Poggi_Castellior	351	Max WS	573.92	90.44		90.77	81.90	0.001380	2.56	223.81	4.08	0.39
Elsa	Poggi_Castellior	350.99		Lat Struct									
Elsa	Poggi_Castellior	350.66	Max WS	566.81	90.23		90.64	82.08	0.001411	2.88	203.92	4.21	0.40
Elsa	Poggi_Castellior	350.33	Max WS	566.41	90.12		90.52	81.63	0.001412	2.82	199.14	4.35	0.39
Elsa	Poggi_Castellior	350	Max WS	573.22	89.99		90.40	81.70	0.001830	2.86	201.33	3.74	0.44
Elsa	Poggi_Castellior	349	Max WS	730.80	89.80		90.08	81.40	0.001457	3.08	242.63	4.54	0.41
Elsa	Poggi_Castellior	348.99		Lat Struct									
Elsa	Poggi_Castellior	348.9	Max WS	727.76	89.59		90.06	81.40	0.001451	3.07	242.25	4.53	0.41
Elsa	Poggi_Castellior	348.5	Max WS	731.09	89.05		89.67	81.24	0.002238	3.56	224.42	3.06	0.49
Elsa	Poggi_Castellior	348.48		Lat Struct									
Elsa	Poggi_Castellior	348	Max WS	729.53	88.79		89.47	80.83	0.003023	3.66	205.31	1.99	0.56
Elsa	Poggi_Castellior	347.5	Max WS	731.82	88.94		89.15	79.61	0.000735	2.32	433.11	2.67	0.27
Elsa	Poggi_Castellior	347.49		Lat Struct									
Elsa	Poggi_Castellior	347	Max WS	725.70	88.57		88.95	80.40	0.001590	2.74	272.58	3.24	0.42
Elsa	Poggi_Castellior	346.5	Max WS	700.20	88.68		88.74	79.50	0.000217	1.11	644.34	4.26	0.16
Elsa	Poggi_Castellior	346	Max WS	618.26	88.63		88.72	79.51	0.000412	1.34	460.50	3.77	0.21
Elsa	Poggi_Castellior	345.98		Lat Struct									
Elsa	Poggi_Castellior	345.5	Max WS	595.39	88.54		88.66	79.47	0.000535	1.57	390.01	3.64	0.25
Elsa	Poggi_Castellior	345	Max WS	733.19	87.76		88.35	78.83	0.002646	3.43	218.00	3.45	0.53
Elsa	Poggi_Castellior	344.99		Lat Struct									
Elsa	Poggi_Castellior	344.98		Lat Struct									
Elsa	Poggi_Castellior	344.5	Max WS	728.54	87.54		88.02	79.03	0.002326	3.10	235.21	3.66	0.49
Elsa	Poggi_Castellior	344	Max WS	731.12	87.00		87.82	79.80	0.004664	4.00	182.86	3.19	0.69
Elsa	Poggi_Castellior	343	Max WS	731.00	86.40		86.93	77.80	0.002428	3.23	228.81	3.50	0.51
Elsa	Poggi_Castellior	342.98		Lat Struct									
Elsa	Poggi_Castellior	342	Max WS	684.82	85.78		86.27	77.80	0.002254	3.12	221.79	3.32	0.50
Elsa	Poggi_Castellior	341.99		Lat Struct									
Elsa	Poggi_Castellior	341.6	Max WS	716.56	85.44		85.82	77.00	0.001216	2.73	264.32	4.21	0.37
Elsa	Poggi_Castellior	341.5	Max WS	716.49	85.44		85.80	77.00	0.001194	2.68	267.83	4.59	0.37
Elsa	Poggi_Castellior	341.4	Max WS	716.09	85.38		85.78	77.00	0.001342	2.84	255.40	4.10	0.39
Elsa	Poggi_Castellior	341.39		Lat Struct									
Elsa	Poggi_Castellior	341.38		Lat Struct									
Elsa	Poggi_Castellior	341	Max WS	656.76	85.24		85.44	77.30	0.000749	1.97	343.64	3.66	0.29
Elsa	Poggi_Castellior	340	Max WS	638.03	85.23		85.36	77.70	0.000541	1.62	394.27	4.13	0.25
Elsa	Poggi_Castellior	339.98		Lat Struct									
Elsa	Poggi_Castellior	339	Max WS	626.73	85.11		85.34	76.80	0.000988	2.14	359.27	3.80	0.33
Elsa	Poggi_Castellior	338	Max WS	650.20	83.78		84.43	75.80	0.003141	3.59	211.21	3.43	0.58
Elsa	Poggi_Castellior	337.98		Lat Struct									
Elsa	Poggi_Castellior	337	Max WS	654.80	83.55		83.87	75.60	0.001498	2.50	262.42	3.68	0.40
Elsa	Poggi_Castellior	336.99		Lat Struct									
Elsa	Poggi_Castellior	336	Max WS	677.13	83.20		83.58	75.60	0.001373	2.73	253.31	3.96	0.40
Elsa	Poggi_Castellior	335.09		Lat Struct									
Elsa	Poggi_Castellior	335	Max WS	683.83	83.10		83.38	74.60	0.000975	2.38	287.68	4.73	0.33
Elsa	Poggi_Castellior	334	Max WS	721.32	82.31		82.76	74.40	0.003602	3.04	254.38	2.13	0.59
Elsa	Poggi_Castellior	333.99		Lat Struct									
Elsa	Poggi_Castellior	333.98		Lat Struct									
Elsa	Poggi_Castellior	333.68		Lat Struct									
Elsa	Poggi_Castellior	333.58		Lat Struct									
Elsa	Poggi_Castellior	333.5	Max WS	721.29	81.85		82.25	74.60	0.001637	2.97	300.09	4.12	0.43
Elsa	Poggi_Castellior	333	Max WS	721.28	81.77		82.11	74.60	0.001419	2.76	516.40	4.08	0.40
Elsa	Poggi_Castellior	332.5	Max WS	721.26	81.67		82.01	74.49	0.001787	2.66	502.67	3.55	0.39
Elsa	Poggi_Castellior	332.49		Lat Struct									
Elsa	Poggi_Castellior	332.25	Max WS	721.25	81.48		81.83	74.29	0.001460	2.79	510.27	4.04	0.41
Elsa	Poggi_Castellior	332	Max WS	721.14	81.63		81.79	74.20	0.000718	1.74	414.20	3.72	0.29
Elsa	Poggi_Castellior	331	Max WS	720.66	81.39	78.07	81.74	73.50	0.000951	2.62	276.82	5.25	0.34
Elsa	Poggi_Castellior	330.75		Bridge									
Elsa	Poggi_Castellior	330.5	Max WS	720.66	81.35		81.69	73.50	0.001041	2.58	279.14	5.09	0.34
Elsa	Poggi_Castellior	330.49		Lat Struct									
Elsa	Poggi_Castellior	330	Max WS	718.46	80.97		81.64	73.65	0.002428	3.61	199.72	4.13	0.52
Elsa	Poggi_Castellior	329.98		Lat Struct									
Elsa	Poggi_Castellior	329	Max WS	709.15	81.19		81.56	72.60	0.001668	2.70	262.35	3.83	0.42
Elsa	Poggi_Castellior	328	Max WS	697.43	80.94		81.33	72.60	0.001676	2.76	252.69	3.86	0.43
Elsa	Poggi_Castellior	327.99		Lat Struct									
Elsa	Poggi_Castellior	327	Max WS	695.16	80.78		81.25	72.60	0.002232	3.04	228.74	3.67	0.49
Elsa	Poggi_Castellior	326.98		Lat Struct									
Elsa	Poggi_Castellior	326	Max WS	692.24	80.21		80.68	72.50	0.002772	3.03	228.78	3.10	0.54
Elsa	Poggi_Castellior	325.58		Lat Struct									
Elsa	Poggi_Castellior	325	Max WS	650.25	79.74		80.03	72.20	0.001400	2.40	270.90	3.66	0.39
Elsa	Poggi_Castellior	324.99		Lat Struct									
Elsa	Poggi_Castellior	324.49		Lat Struct									
Elsa	Poggi_Castellior	324	Max WS	455.40	79.65		80.00	72.30	0.001803	2.60	175.13	3.41	0.43
Elsa	Poggi_Castellior	323.857*	Max WS	455.41	79.80		79.92	72.31	0.001727	2.52	180.56	3.36	0.43
Elsa	Poggi_Castellior	323.714*	Max WS	451.28	79.56		79.85	72.31	0.001599	2.41	187.21	3.33	0.41
Elsa	Poggi_Castellior	323.571*	Max WS	407.97	79.64		79.85	72.32	0.001093	2.03	200.56	3.44	0.34
Elsa	Poggi_Castellior	323.428*	Max WS	403.60	79.62		79.81	72.33	0.000966	1.93	209.00	3.47	0.32
Elsa	Poggi_Castellior	323.285*	Max WS	394.42	79.61		79.78	72.34	0.000836	1.81	218.49	3.51	0.30
Elsa	Poggi_Castellior	323.142*	Max WS	378.77	79.62		79.76	72.34	0.000674	1.65	229.09	3.57	0.27
Elsa	Poggi_Castellior	323	Max WS	354.83	79.64		79.75	72.35	0.000532	1.47	240.83	3.63	0.24
Elsa	Poggi_Castellior	322.98		Lat Struct									
Elsa	Poggi_Castellior	322	Max WS	497.83	78.92		79.15	72.32	0.001869	2.10	236.73	2.41	0.43
Elsa	Poggi_Castellior	321.98		Lat Struct									
Elsa	Poggi_Castellior	321	Max WS	495.41	78.45		78.75	72.30	0.001922	2.44	202.95	2.96	0.44
Elsa	Poggi_Castellior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	483.76	77.94		78.32	71.80	0.002891	2.76	175.10	2.62	0.53
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	369.78	77.34		77.63	71.60	0.001357	2.44	163.89	2.90	0.38
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	521.27	76.83		77.09	71.20	0.001006	2.26	230.81	4.19	0.34
Elsa	Poggi_Castellior	317.6	Max WS	526.55	76.87		77.08	71.20	0.000782	2.01	265.16	3.95	0.30
Elsa	Poggi_Castellior	317.56	Max WS	534.01	76.84		77.06	71.20	0.000959	2.08	258.06	3.75	0.31
Elsa	Poggi_Castellior	317.54	Max WS	534.02	76.82		77.04	71.20	0.000968	2.08	258.09	3.66	0.31
Elsa	Poggi_Castellior	317.5	Max WS	534.03	76.82		77.04	71.20	0.000888	2.08	258.17	3.89	0.32
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	526.96	76.82		77.03	71.20	0.000831	2.02	261.24	3.98	0.31
Elsa	Poggi_Castellior	317.32*	Max WS	514.93	76.79		77.02	71.17	0.000941	2.11	244.30	3.90	0.33
Elsa	Poggi_Castellior	317.24*	Max WS	506.47	76.74		77.00	71.14	0.001114	2.24	226.36	3.78	0.35
Elsa	Poggi_Castellior	317.16*	Max WS	500.06	76.67		76.97	71.12	0.001382	2.41	207.35	3.68	0.39
Elsa	Poggi_Castellior	317.08*	Max WS	493.44	76.58		76.93	71.09	0.001784	2.64	187.25	3.47	0.44
Elsa	Poggi_Castellior	317	Max WS	487.25	76.44		76.88	71.06	0.002525	2.95	164.90	3.21	0.51
Elsa	Poggi_Castellior	316.5*	Max WS	482.57	76.49		76.83	71.14	0.001950	2.58	186.78	3.32	0.44
Elsa	Poggi_Castellior	316	Max WS	484.72	76.36	74.96	76.76	71.22	0.002252	2.81	173.72	2.93	0.49
Elsa	Poggi_Castellior	315.5		Ini Struct									
Elsa	Poggi_Castellior	315	Max WS	483.94	75.77		75.81	67.50	0.000108	0.90	536.78	5.76	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	520.58	75.68		75.80	67.40	0.000365	1.51	345.52	4.89	0.21
Elsa	Poggi_Castellior	313	Max WS	520.34	75.58		75.79	67.30	0.000782	2.00	273.90	4.29	0.29
Elsa	Poggi_Castellior	312.9	Max WS	520.33	75.58	71.78	75.78	67.30	0.000768	2.00	273.97	4.28	0.29
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	520.23	75.52		75.77	67.30	0.000785	2.20	240.49	4.49	0.29
Elsa	Poggi_Castellior	312	Max WS	520.23	75.52		75.77	67.30	0.000784	2.20	240.68	4.49	0.29
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	530.23	75.30		75.72	67.30	0.001758	2.88	184.24	4.00	0.44
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	533.50	75.23		75.60	67.06	0.001518	2.70	197.94	4.09	0.41
Elsa	Poggi_Castellior	310.6*	Max WS	542.99	75.14		75.48	66.82	0.001355	2.56	211.92	4.12	0.39
Elsa	Poggi_Castellior	310.4*	Max WS	538.78	75.11		75.39	66.58	0.001101	2.35	229.09	4.19	0.35
Elsa	Poggi_Castellior	310.2*	Max WS	505.93	75.14		75.35	66.34	0.000771	2.02	250.36	4.35	0.29
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	490.83	75.14		75.31	66.10	0.000598	1.82	270.49	4.47	0.26
Elsa	Poggi_Castellior	309.8*	Max WS	532.47	75.02		75.22	65.92	0.000782	1.97	269.78	4.32	0.29
Elsa	Poggi_Castellior	309.6*	Max WS	603.93	74.82		75.09	65.74	0.001186	2.31	261.88	4.06	0.35
Elsa	Poggi_Castellior	309.4*	Max WS	688.40	74.48		74.88	65.56	0.002034	2.82	243.97	3.81	0.45
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	681.85	74.31		74.74	65.38	0.002189	2.89	236.30	3.73	0.46
Elsa	Poggi_Castellior	309	Max WS	654.60	74.22		74.62	65.20	0.001831	2.80	234.01	3.76	0.44
Elsa	Poggi_Castellior	308.8*	Max WS	651.79	74.11		74.50	65.16	0.002028	2.77	235.29	3.72	0.44
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	641.51	74.01		74.38	65.12	0.001975	2.71	236.86	3.62	0.44
Elsa	Poggi_Castellior	308.4*	Max WS	613.11	73.97		74.30	65.08	0.001732	2.53	242.10	3.47	0.42
Elsa	Poggi_Castellior	308.2*	Max WS	590.05	73.92		74.22	65.04	0.001554	2.39	247.34	3.44	0.40
Elsa	Poggi_Castellior	308	Max WS	572.43	73.88		74.14	65.00	0.001351	2.27	252.08	3.41	0.38
Elsa	Poggi_Castellior	307.75*	Max WS	557.93	73.86		74.08	64.75	0.001105	2.07	269.76	3.59	0.34
Elsa	Poggi_Castellior	307.5*	Max WS	536.66	73.86		74.04	64.50	0.000887	1.89	283.75	3.71	0.30
Elsa	Poggi_Castellior	307.25*	Max WS	514.20	73.85		74.01	64.25	0.000795	1.76	292.47	3.79	0.28
Elsa	Poggi_Castellior	307	Max WS	503.37	73.81		73.97	64.00	0.000598	1.81	281.62	4.26	0.26
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	490.22	73.73		73.95	63.80	0.000779	2.06	242.03	4.06	0.29
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	522.81	73.32		73.71	64.00	0.001427	2.80	192.18	3.60	0.39
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	548.97	73.00		73.45	63.74	0.001645	2.98	189.44	3.55	0.41
Elsa	Poggi_Castellior	304	Max WS	597.93	72.96		73.20	63.40	0.000741	2.18	277.75	4.71	0.30
Elsa	Poggi_Castellior	303.7	Max WS	667.78	72.58	69.91	73.01	63.80	0.001492	2.91	230.87	4.36	0.42
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	667.70	72.56		72.99	63.80	0.001511	2.92	229.92	4.34	0.42
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	632.41	72.31		72.76	63.80	0.001723	2.99	212.42	4.15	0.44
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	576.46	72.21		72.43	63.00	0.001085	2.08	277.58	3.56	0.34
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	495.86	71.77		72.08	63.00	0.001118	2.52	213.29	3.43	0.35
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	497.63	71.26		71.67	62.70	0.001801	2.86	174.14	3.88	0.44
Elsa	Poggi_Castellior	299.5	Max WS	492.37	71.34		71.41	61.57	0.000237	1.20	408.72	4.93	0.17
Elsa	Poggi_Castellior	299	Max WS	654.90	70.69		71.11	61.30	0.002319	2.92	234.15	2.96	0.49
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	642.27	70.32		70.78	61.20	0.001815	3.02	288.73	3.37	0.44
Elsa	Poggi_Castellior	298.62	Max WS	645.19	70.40		70.66	61.50	0.000728	2.33	393.36	4.42	0.30
Elsa	Poggi_Castellior	298.61	Max WS	640.63	70.46		70.64	61.50	0.000462	1.88	405.65	4.82	0.23
Elsa	Poggi_Castellior	298.6	Max WS	640.61	70.44		70.63	61.50	0.000689	1.91	337.94	4.08	0.27
Elsa	Poggi_Castellior	298.4	Max WS	640.55	70.44		70.62	61.50	0.000692	1.92	337.31	4.08	0.27
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	636.47	70.44		70.62	61.50	0.000580	1.87	341.57	4.70	0.26
Elsa	Poggi_Castellior	298.09	Max WS	577.53	70.28		70.52	60.57	0.001070	2.17	268.34	3.69	0.33
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	671.27	70.02		70.26	62.50	0.001164	2.14	313.77	3.53	0.36
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	676.51	69.34		69.82	61.70	0.002330	3.09	219.11	3.64	0.50
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	543.07	69.15		69.49	61.20	0.001359	2.58	211.79	4.00	0.39
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	623.45	68.33		68.79	62.20	0.002457	3.03	205.92	3.37	0.51
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	511.33	68.26		68.41	61.90	0.000786	1.75	292.22	3.51	0.29
Elsa	Poggi_Castellior	292	Max WS	379.90	68.08		68.31	61.90	0.001273	2.15	176.95	3.32	0.36
Elsa	Poggi_Castellior	291.75*	Max WS	370.33	68.08		68.27	61.93	0.001181	1.92	192.46	3.35	0.33
Elsa	Poggi_Castellior	291.5*	Max WS	360.83	68.07		68.23	61.95	0.000926	1.72	210.00	3.39	0.29
Elsa	Poggi_Castellior	291.25*	Max WS	351.64	68.07		68.19	61.97	0.000719	1.53	229.70	3.45	0.25
Elsa	Poggi_Castellior	291	Max WS	341.45	68.08		68.17	62.00	0.000470	1.36	251.79	3.52	0.22
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	493.49	67.24		67.64	61.90	0.002664	2.82	174.88	2.84	0.52
Elsa	Poggi_Castellior	289	Max WS	490.86	66.46		67.09	61.80	0.005141	3.52	139.60	2.44	0.70
Elsa	Poggi_Castellior	288	Max WS	490.85	66.70		66.93	62.00	0.001996	2.11	232.65	2.31	0.44
Elsa	Poggi_Castellior	287.6	Max WS	490.85	66.69	65.51	66.92	62.00	0.002038	2.12	231.10	2.30	0.44
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	490.85	66.55		66.58	58.70	0.000154	0.74	662.46	3.29	0.13
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	533.98	66.55		66.57	58.00	0.000093	0.66	822.99	3.91	0.10
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	634.63	66.34		66.51	58.90	0.001180	1.83	347.28	2.76	0.35
Elsa	Poggi_Castellior	283	Max WS	668.06	66.07		66.32	58.60	0.001665	2.23	322.63	2.87	0.41
Elsa	Poggi_Castellior	282	Max WS	666.88	65.95		66.26	58.50	0.001944	2.47	318.21	2.99	0.44
Elsa	Poggi_Castellior	281.9	Max WS	666.07	65.90	64.42	66.24	58.50	0.002032	2.56	312.05	3.05	0.46
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	667.24	66.02		66.17	58.80	0.000544	1.72	387.86	4.51	0.25
Elsa	Poggi_Castellior	281	Max WS	667.28	66.02		66.17	58.80	0.000547	1.72	387.33	4.50	0.25
Elsa	Poggi_Castellior	280	Max WS	666.92	65.99		66.13	58.00	0.000575	1.69	394.90	4.21	0.26
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	625.48	65.95		66.12	58.00	0.000568	1.83	344.26	4.54	0.26
Elsa	Poggi_Castellior	277	Max WS	624.78	65.95		66.12	58.00	0.000566	1.83	344.28	4.54	0.26
Elsa	Poggi_Castellior	276	Max WS	589.64	65.79		66.05	57.60	0.001049	2.26	261.47	4.13	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	585.88	65.52		65.93	57.88	0.001803	2.86	204.77	3.94	0.44
Elsa	Poggi_Castellior	273	Max WS	585.86	65.25		65.56	57.39	0.001338	2.43	240.82	3.86	0.38
Elsa	Poggi_Castellior	272	Max WS	585.86	65.17		65.39	56.94	0.000968	2.05	285.18	3.82	0.33
Elsa	Poggi_Castellior	271	Max WS	686.26	64.64		64.96	56.54	0.001592	2.48	276.92	3.48	0.41
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	680.48	64.46		64.74	56.53	0.001293	2.32	293.28	3.69	0.37
Elsa	Poggi_Castellior	269	Max WS	680.12	64.16		64.52	54.36	0.001552	2.65	257.13	3.92	0.41
Elsa	Poggi_Castellior	268	Max WS	679.81	63.59		64.00	54.91	0.002329	2.86	237.98	3.24	0.49
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	679.75	63.33		63.74	54.27	0.001920	2.81	241.62	3.66	0.44
Elsa	Poggi_Castellior	266	Max WS	679.73	63.20		63.55	54.22	0.001455	2.60	260.94	4.02	0.40
Elsa	Poggi_Castellior	265	Max WS	679.74	63.16		63.43	54.36	0.001315	2.31	294.68	3.61	0.37
Elsa	Poggi_Castellior	264	Max WS	679.64	62.80		63.18	53.78	0.001932	2.71	250.34	3.45	0.44
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	685.95	62.35		62.65	52.82	0.001787	2.41	284.67	3.06	0.42
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	618.66	61.99		62.29	52.86	0.001471	2.43	254.61	3.59	0.39
Elsa	Poggi_Castellior	261	Max WS	554.46	61.73		62.03	52.58	0.001502	2.40	230.73	3.47	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	554.45	61.70		61.98	52.66	0.001444	2.37	234.08	3.50	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	554.44	61.66		61.94	52.75	0.001391	2.33	237.54	3.52	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	554.44	61.62		61.89	52.83	0.001344	2.30	241.08	3.54	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	554.43	61.59		61.85	52.92	0.001302	2.27	244.71	3.54	0.37
Elsa	Poggi_Castellior	260.166*	Max WS	554.43	61.56		61.81	53.01	0.001264	2.23	248.41	3.54	0.37
Elsa	Poggi_Castellior	260	Max WS	554.43	61.52		61.77	53.09	0.001235	2.20	252.21	3.52	0.36
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	643.65	60.88		61.09	51.64	0.002112	2.82	228.57	3.41	0.46
Elsa	Poggi_Castellior	258	Max WS	601.26	60.47		60.82	51.94	0.001648	2.62	229.82	3.68	0.42
Elsa	Poggi_Castellior	257	Max WS	576.38	60.22		60.56	50.99	0.001529	2.59	222.35	3.84	0.40
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	490.97	60.14		60.46	51.39	0.001539	2.52	194.68	3.67	0.39
Elsa	Poggi_Castellior	255	Max WS	460.00	60.02		60.27	50.78	0.001122	2.23	208.30	3.61	0.34
Elsa	Poggi_Castellior	254	Max WS	478.10	59.82		60.16	51.95	0.001571	2.56	187.31	3.52	0.41
Elsa	Poggi_Castellior	253.7	Max WS	541.29	59.45		59.85	51.50	0.002026	2.79	194.16	3.47	0.45
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	507.21	59.27		59.59	51.30	0.001725	2.50	203.09	3.32	0.41
Elsa	Poggi_Castellior	253	Max WS	523.26	58.86		59.25	51.63	0.001912	2.78	192.82	3.16	0.45
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	489.25	58.47		58.89	50.91	0.001906	2.88	170.06	3.73	0.44
Elsa	Poggi_Castellior	251	Max WS	385.13	58.47		58.68	51.06	0.001019	2.05	189.79	3.37	0.33
Elsa	Poggi_Castellior	250	Max WS	319.97	58.35		58.58	50.57	0.001189	2.16	149.02	3.29	0.35
Elsa	Poggi_Castellior	249	Max WS	298.00	58.30		58.44	50.30	0.000434	1.63	214.50	4.92	0.22
Elsa	Poggi_Castellior	248.5*	Max WS	301.07	58.27		58.42	50.15	0.000575	1.74	213.64	4.94	0.24
Elsa	Poggi_Castellior	248	Max WS	307.18	58.24		58.40	49.99	0.000462	1.75	235.44	5.23	0.23
Elsa	Poggi_Castellior	247.666*	Max WS	316.14	58.22		58.37	49.82	0.000413	1.73	213.68	5.16	0.22
Elsa	Poggi_Castellior	247.333*	Max WS	327.39	58.18		58.34	49.64	0.000517	1.81	192.03	4.66	0.24
Elsa	Poggi_Castellior	247	Max WS	346.02	58.07		58.29	49.47	0.000902	2.07	166.95	3.77	0.29
Elsa	Poggi_Castellior	246.833*	Max WS	348.38	58.08		58.27	49.43	0.000687	1.92	187.29	4.16	0.27
Elsa	Poggi_Castellior	246.666*	Max WS	350.40	58.07		58.24	49.38	0.000604	1.82	203.66	4.30	0.26
Elsa	Poggi_Castellior	246.5*	Max WS	353.66	58.06		58.22	49.33	0.000560	1.76	218.57	4.55	0.25
Elsa	Poggi_Castellior	246.333*	Max WS	360.79	58.04		58.20	49.29	0.000559	1.74	231.60	4.50	0.25
Elsa	Poggi_Castellior	246.166*	Max WS	373.84	58.00		58.17	49.25	0.000614	1.78	241.86	4.34	0.26

HEC-RAS Plan: Prova2T100d09 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	396.73	57.94		58.12	49.20	0.000748	1.90	248.44	4.11	0.28
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	397.58	57.94		58.12	49.20	0.000752	1.90	248.29	4.11	0.28
Elsa	Poggi_Castelfior	244	Max WS	541.44	57.34		57.68	49.36	0.001390	2.59	208.92	4.12	0.38
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	502.38	57.33		57.68	49.36	0.001049	2.24	225.57	3.92	0.34
Elsa	Poggi_Castelfior	242	Max WS	480.94	57.26		57.42	48.45	0.000570	1.75	275.39	4.30	0.25
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	532.36	56.84		57.16	48.42	0.001276	2.50	212.96	4.17	0.37
Elsa	Poggi_Castelfior	240.857*	Max WS	525.65	56.81		57.13	48.39	0.001301	2.50	210.04	4.11	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	518.29	56.79		57.10	48.36	0.001291	2.48	209.03	4.08	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	511.77	56.77		57.07	48.33	0.001257	2.44	209.78	4.06	0.37
Elsa	Poggi_Castelfior	240.428*	Max WS	507.05	56.75		57.04	48.31	0.001204	2.39	212.19	4.07	0.36
Elsa	Poggi_Castelfior	240.285*	Max WS	504.37	56.74		57.01	48.28	0.001135	2.33	216.21	4.10	0.35
Elsa	Poggi_Castelfior	240.142*	Max WS	503.45	56.72		56.98	48.25	0.001055	2.27	221.86	4.16	0.33
Elsa	Poggi_Castelfior	240	Max WS	503.17	56.71		56.96	48.22	0.000963	2.19	229.25	4.23	0.32
Elsa	Poggi_Castelfior	239	Max WS	627.76	56.33		56.67	47.84	0.001137	2.58	243.76	4.75	0.35
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	581.95	56.12		56.49	48.07	0.001734	2.70	216.05	3.64	0.43
Elsa	Poggi_Castelfior	237	Max WS	579.71	56.03		56.37	48.60	0.001559	2.61	222.14	3.82	0.41
Elsa	Poggi_Castelfior	236	Max WS	578.91	56.12		56.36	48.21	0.000984	2.16	267.70	4.07	0.33
Elsa	Poggi_Castelfior	235	Max WS	576.00	56.07		56.33	47.79	0.001201	2.25	255.74	3.73	0.36
Elsa	Poggi_Castelfior	234	Max WS	569.65	56.09		56.29	47.30	0.000869	1.96	290.55	3.86	0.30
Elsa	Poggi_Castelfior	233	Max WS	522.09	56.03		56.17	48.23	0.000566	1.67	313.37	4.08	0.25
Elsa	Poggi_Castelfior	232	Max WS	533.94	54.94		55.52	48.71	0.004504	3.38	157.81	2.55	0.66
Elsa	Poggi_Castelfior	231	Max WS	569.84	54.61		54.87	47.01	0.001388	2.25	253.26	3.34	0.38
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	439.00	54.31		54.50	46.02	0.001149	1.95	224.97	3.06	0.34
Elsa	Poggi_Castelfior	228	Max WS	436.90	54.26		54.36	46.35	0.000374	1.43	306.03	4.51	0.21
Elsa	Poggi_Castelfior	227	Max WS	539.30	54.13		54.24	45.96	0.000389	1.45	372.36	4.33	0.21
Elsa	Poggi_Castelfior	226	Max WS	542.10	53.79		53.99	45.51	0.000938	1.98	273.53	3.70	0.32

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	399.51	90.06		90.87	84.18	0.005563	3.97	100.65	2.78	0.73
Elsa	Poggi_Castelfior	357.2	Max WS	399.51	90.06		90.85	84.15	0.005418	3.93	101.57	2.78	0.72
Elsa	Poggi_Castelfior	357	Max WS	399.51	90.09		90.23	84.25	0.000843	1.66	240.31	3.08	0.30
Elsa	Poggi_Castelfior	356	Max WS	399.49	89.97		90.14	84.60	0.001012	1.81	221.01	3.05	0.32
Elsa	Poggi_Castelfior	355	Max WS	399.47	89.73		89.92	83.39	0.001264	1.93	207.44	2.84	0.36
Elsa	Poggi_Castelfior	354	Max WS	399.47	89.58		89.95	83.34	0.001683	2.32	171.96	3.03	0.42
Elsa	Poggi_Castelfior	353.9	Max WS	399.47	89.62	87.15	89.83	83.17	0.001133	2.03	196.70	3.33	0.35
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	353.1	Max WS	399.47	89.60		89.81	83.17	0.001157	2.05	195.33	3.32	0.35
Elsa	Poggi_Castelfior	353	Max WS	399.47	89.60		89.80	82.70	0.000952	1.98	202.13	3.65	0.32
Elsa	Poggi_Castelfior	352	Max WS	399.46	89.59		89.74	82.60	0.000752	1.71	233.68	3.50	0.28
Elsa	Poggi_Castelfior	351	Max WS	399.44	89.28		89.56	81.90	0.001200	2.35	169.83	3.98	0.36
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	399.41	89.08		89.42	82.08	0.001478	2.62	155.48	3.49	0.40
Elsa	Poggi_Castelfior	350.33	Max WS	399.39	88.95		89.29	81.63	0.001500	2.57	155.49	3.65	0.39
Elsa	Poggi_Castelfior	350	Max WS	399.35	88.80		89.18	81.70	0.002209	2.71	147.35	3.12	0.47
Elsa	Poggi_Castelfior	349	Max WS	508.96	88.54		88.89	81.40	0.001262	2.63	194.09	4.24	0.37
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	508.95	88.53		88.88	81.40	0.001273	2.64	193.47	4.24	0.37
Elsa	Poggi_Castelfior	348.5	Max WS	508.45	87.98		88.50	81.24	0.002270	3.21	158.44	3.30	0.48
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	508.11	87.75		88.30	80.83	0.002676	3.29	154.47	3.61	0.52
Elsa	Poggi_Castelfior	347.5	Max WS	508.38	87.89		88.11	79.61	0.000768	2.18	284.84	2.46	0.27
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	508.03	87.59		87.91	80.40	0.001721	2.50	203.54	3.32	0.42
Elsa	Poggi_Castelfior	346.5	Max WS	504.71	87.65		87.70	79.50	0.000259	1.03	495.16	3.32	0.17
Elsa	Poggi_Castelfior	346	Max WS	469.59	87.56		87.66	79.51	0.000621	1.37	342.35	2.91	0.25
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	474.38	87.43		87.57	79.47	0.000595	1.65	292.33	3.43	0.26
Elsa	Poggi_Castelfior	345	Max WS	507.67	86.89		87.34	78.83	0.002150	2.97	170.92	3.65	0.47
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	507.68	86.70		87.07	79.03	0.001899	2.68	189.69	3.43	0.44
Elsa	Poggi_Castelfior	344	Max WS	507.66	86.23		86.88	79.80	0.004661	3.55	143.10	2.67	0.67
Elsa	Poggi_Castelfior	343	Max WS	507.64	85.69		86.07	77.80	0.001863	2.71	187.55	3.53	0.44
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	507.50	85.03		85.43	77.80	0.002223	2.82	179.75	3.30	0.48
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	507.42	84.82		85.07	77.00	0.000879	2.18	232.92	4.48	0.31
Elsa	Poggi_Castelfior	341.5	Max WS	507.45	84.82		85.06	77.00	0.000836	2.14	237.48	4.52	0.30
Elsa	Poggi_Castelfior	341.4	Max WS	507.42	84.78		85.04	77.00	0.000966	2.26	224.59	4.41	0.32
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	505.12	84.58		84.74	77.30	0.000764	1.79	285.26	3.08	0.29
Elsa	Poggi_Castelfior	340	Max WS	505.42	84.54		84.66	77.70	0.000591	1.52	331.94	3.53	0.25
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	505.48	84.41		84.62	76.80	0.001098	2.07	274.81	3.29	0.34
Elsa	Poggi_Castelfior	338	Max WS	498.76	83.14		83.69	75.80	0.003143	3.29	158.04	2.96	0.56
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	490.26	82.88		83.14	75.60	0.001464	2.25	218.26	3.20	0.39
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	487.21	82.64		82.90	75.60	0.001061	2.24	219.93	3.53	0.35
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	488.79	82.58		82.76	74.60	0.000602	1.87	261.27	4.74	0.26
Elsa	Poggi_Castelfior	334	Max WS	505.54	81.53		82.05	74.40	0.005592	3.21	157.26	2.01	0.70
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	505.52	81.09		81.39	74.60	0.001307	2.59	243.52	3.67	0.38
Elsa	Poggi_Castelfior	333	Max WS	505.52	81.02		81.28	74.60	0.001149	2.43	410.64	3.60	0.36
Elsa	Poggi_Castelfior	332.5	Max WS	505.52	80.94		81.19	74.49	0.001442	2.36	400.95	3.17	0.35
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	505.51	80.80		81.05	74.29	0.001133	2.40	413.73	3.61	0.36
Elsa	Poggi_Castelfior	332	Max WS	505.52	80.91		81.02	74.20	0.000527	1.48	342.17	3.67	0.24
Elsa	Poggi_Castelfior	331	Max WS	505.51	80.77	77.27	80.98	73.50	0.000657	2.04	248.50	4.83	0.28
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	505.50	80.73		80.94	73.50	0.000718	2.02	250.05	4.67	0.28
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	505.49	80.51		80.91	73.65	0.001682	2.81	180.35	3.80	0.43
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	496.63	80.61		80.86	72.60	0.001314	2.20	225.95	3.36	0.37
Elsa	Poggi_Castelfior	328	Max WS	505.41	80.38		80.65	72.60	0.001362	2.30	219.73	3.50	0.38
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	506.16	80.26		80.59	72.60	0.001805	2.55	198.40	3.31	0.44
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	506.19	79.81		80.13	72.50	0.002212	2.52	200.53	2.80	0.47
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	475.59	79.46		79.64	72.20	0.000954	1.89	251.06	3.42	0.32
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	329.76	79.40		79.61	72.30	0.001141	2.02	163.33	3.29	0.34
Elsa	Poggi_Castelfior	323.857*	Max WS	329.77	79.37		79.56	72.31	0.001077	1.95	169.19	3.26	0.33
Elsa	Poggi_Castelfior	323.714*	Max WS	328.34	79.34		79.52	72.31	0.000996	1.87	175.79	3.24	0.32
Elsa	Poggi_Castelfior	323.571*	Max WS	297.40	79.38		79.51	72.32	0.000718	1.59	186.49	3.27	0.27
Elsa	Poggi_Castelfior	323.428*	Max WS	297.40	79.36		79.48	72.33	0.000663	1.53	194.45	3.26	0.26
Elsa	Poggi_Castelfior	323.285*	Max WS	296.35	79.35		79.46	72.34	0.000596	1.46	202.95	3.29	0.25
Elsa	Poggi_Castelfior	323.142*	Max WS	291.86	79.34		79.43	72.34	0.000517	1.38	212.18	3.33	0.23
Elsa	Poggi_Castelfior	323	Max WS	282.19	79.34		79.42	72.35	0.000435	1.27	222.25	3.38	0.21
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	431.46	78.59		78.81	72.32	0.001988	2.09	206.03	2.29	0.44
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	431.47	78.09		78.38	72.30	0.002149	2.40	179.44	2.66	0.46
Elsa	Poggi_Castelfior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	390.60	77.72		78.02	71.80	0.002440	2.42	161.41	2.44	0.48
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	361.40	76.73		77.14	71.60	0.002306	2.89	131.77	2.39	0.49
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	391.32	76.49		76.66	71.20	0.000724	1.84	213.37	3.94	0.28
Elsa	Poggi_Castellior	317.6	Max WS	394.10	76.51		76.65	71.20	0.000578	1.63	242.80	3.66	0.25
Elsa	Poggi_Castellior	317.56	Max WS	399.69	76.49		76.63	71.20	0.000681	1.69	237.88	3.56	0.26
Elsa	Poggi_Castellior	317.54	Max WS	399.69	76.48		76.62	71.20	0.000686	1.69	237.60	3.48	0.26
Elsa	Poggi_Castellior	317.5	Max WS	399.69	76.48		76.62	71.20	0.000649	1.69	237.05	3.68	0.27
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	398.64	76.47		76.61	71.20	0.000623	1.66	239.72	3.76	0.26
Elsa	Poggi_Castellior	317.32*	Max WS	397.94	76.43		76.59	71.17	0.000749	1.78	223.17	3.74	0.29
Elsa	Poggi_Castellior	317.24*	Max WS	397.94	76.38		76.57	71.14	0.000925	1.93	206.13	3.60	0.32
Elsa	Poggi_Castellior	317.16*	Max WS	397.95	76.31		76.54	71.12	0.001187	2.11	188.16	3.42	0.36
Elsa	Poggi_Castellior	317.08*	Max WS	397.95	76.22		76.50	71.09	0.001610	2.36	168.85	3.20	0.41
Elsa	Poggi_Castellior	317	Max WS	397.95	76.08		76.45	71.06	0.002393	2.70	147.17	2.92	0.49
Elsa	Poggi_Castellior	316.5*	Max WS	397.92	76.09		76.38	71.14	0.001925	2.40	165.51	3.01	0.44
Elsa	Poggi_Castellior	316	Max WS	397.87	75.98	74.67	76.32	71.22	0.002185	2.59	153.52	2.94	0.47
Elsa	Poggi_Castellior	315.5		Int Struct									
Elsa	Poggi_Castellior	315	Max WS	396.71	74.97		75.00	67.50	0.000111	0.85	468.90	5.14	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	410.83	74.89		74.99	67.40	0.000378	1.40	293.77	4.34	0.21
Elsa	Poggi_Castellior	313	Max WS	410.77	74.80		74.98	67.30	0.000851	1.89	230.89	3.70	0.30
Elsa	Poggi_Castellior	312.9	Max WS	410.77	74.80	71.30	74.98	67.30	0.000852	1.89	230.80	3.69	0.30
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	410.75	74.75		74.96	67.30	0.000776	2.01	207.39	4.09	0.28
Elsa	Poggi_Castellior	312	Max WS	410.72	74.75		74.95	67.30	0.000776	2.01	207.55	4.08	0.28
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	410.18	74.57		74.92	67.30	0.001636	2.64	155.29	3.76	0.42
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	410.04	74.50		74.81	67.06	0.001428	2.46	166.64	3.74	0.39
Elsa	Poggi_Castellior	310.6*	Max WS	409.91	74.44		74.71	66.82	0.001241	2.28	179.47	3.72	0.36
Elsa	Poggi_Castellior	310.4*	Max WS	409.71	74.40		74.62	66.58	0.001056	2.11	193.83	3.73	0.34
Elsa	Poggi_Castellior	310.2*	Max WS	409.61	74.36		74.55	66.34	0.000893	1.95	209.55	3.76	0.31
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	425.98	74.29		74.47	66.10	0.000820	1.90	224.65	3.82	0.30
Elsa	Poggi_Castellior	309.8*	Max WS	467.78	74.13		74.36	65.92	0.001172	2.14	218.77	3.65	0.35
Elsa	Poggi_Castellior	309.6*	Max WS	474.36	74.01		74.26	65.74	0.001301	2.21	214.64	3.55	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	481.31	73.88		74.15	65.56	0.001535	2.30	209.07	3.47	0.38
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	479.60	73.75		74.04	65.38	0.001615	2.35	204.27	3.44	0.39
Elsa	Poggi_Castellior	309	Max WS	473.21	73.65		73.93	65.20	0.001400	2.34	202.35	3.52	0.38
Elsa	Poggi_Castellior	308.8*	Max WS	472.68	73.57		73.84	65.16	0.001513	2.31	204.55	3.53	0.38
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	468.27	73.49		73.75	65.12	0.001470	2.27	206.30	3.49	0.38
Elsa	Poggi_Castellior	308.4*	Max WS	460.84	73.42		73.67	65.08	0.001375	2.22	208.01	3.40	0.37
Elsa	Poggi_Castellior	308.2*	Max WS	457.47	73.34		73.58	65.04	0.001447	2.19	208.77	3.22	0.38
Elsa	Poggi_Castellior	308	Max WS	456.90	73.24		73.49	65.00	0.001522	2.18	209.14	2.97	0.39
Elsa	Poggi_Castellior	307.75*	Max WS	456.88	73.19		73.41	64.75	0.001312	2.05	223.33	3.13	0.36
Elsa	Poggi_Castellior	307.5*	Max WS	456.84	73.14		73.34	64.50	0.001181	1.96	232.70	3.19	0.34
Elsa	Poggi_Castellior	307.25*	Max WS	456.72	73.08		73.27	64.25	0.001224	1.93	237.15	3.14	0.34
Elsa	Poggi_Castellior	307	Max WS	452.34	73.02		73.21	64.00	0.000849	1.93	235.00	3.64	0.30
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	452.30	72.91		73.17	63.80	0.001177	2.28	199.03	3.43	0.35
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	451.83	72.48		72.91	64.00	0.001851	2.91	155.48	3.94	0.43
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	449.05	72.21		72.63	63.74	0.001839	2.89	155.18	3.95	0.43
Elsa	Poggi_Castellior	304	Max WS	449.36	72.26		72.44	63.40	0.000606	1.87	241.24	4.35	0.26
Elsa	Poggi_Castellior	303.7	Max WS	467.75	72.07	69.04	72.33	63.80	0.001056	2.27	205.98	3.97	0.34
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	467.72	72.05		72.32	63.80	0.001066	2.28	205.33	3.96	0.35
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	466.34	71.81		72.12	63.80	0.001303	2.47	189.05	4.02	0.38
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	446.90	71.64		71.82	63.00	0.001098	1.89	236.03	3.07	0.33
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	440.81	70.98		71.35	63.00	0.001594	2.73	169.21	2.79	0.41
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	442.99	70.25		70.79	62.70	0.002611	3.24	136.57	3.60	0.52
Elsa	Poggi_Castellior	299.5	Max WS	440.71	70.31		70.40	61.57	0.000347	1.33	331.25	4.29	0.20
Elsa	Poggi_Castellior	299	Max WS	452.28	69.84		70.19	61.30	0.002056	2.63	177.35	2.60	0.45
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	451.83	69.55		69.88	61.20	0.001651	2.58	175.93	3.21	0.41
Elsa	Poggi_Castellior	298.62	Max WS	448.56	69.61		69.79	61.50	0.000584	1.91	298.85	3.72	0.26
Elsa	Poggi_Castellior	298.61	Max WS	447.21	69.65		69.77	61.50	0.000358	1.52	325.51	4.14	0.20
Elsa	Poggi_Castellior	298.6	Max WS	447.19	69.63		69.76	61.50	0.000558	1.59	282.56	3.68	0.24
Elsa	Poggi_Castellior	298.4	Max WS	447.16	69.63		69.76	61.50	0.000560	1.59	282.09	3.67	0.24
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	446.78	69.63		69.75	61.50	0.000474	1.54	289.76	4.12	0.23
Elsa	Poggi_Castellior	298.09	Max WS	420.46	69.44		69.63	60.57	0.001129	1.97	215.10	3.07	0.33
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	453.33	69.26		69.43	62.50	0.000983	1.81	250.96	3.11	0.32
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	455.06	68.80		69.10	61.70	0.001652	2.40	189.58	3.23	0.41
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295.95	Max WS	428.84	68.39		68.70	61.20	0.001510	2.45	175.44	3.47	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	438.12	67.87		68.17	62.20	0.001839	2.44	179.66	3.05	0.44
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	369.53	67.75		67.86	61.90	0.000657	1.47	251.81	3.08	0.26
Elsa	Poggi_Castellior	292	Max WS	281.58	67.58		67.75	61.90	0.001097	1.85	152.53	2.96	0.33
Elsa	Poggi_Castellior	291.75*	Max WS	272.48	67.58		67.71	61.93	0.001012	1.64	165.77	2.97	0.30
Elsa	Poggi_Castellior	291.5*	Max WS	263.35	67.57		67.68	61.95	0.000781	1.45	181.12	3.00	0.26
Elsa	Poggi_Castellior	291.25*	Max WS	253.77	67.57		67.66	61.97	0.000589	1.28	198.74	3.05	0.23
Elsa	Poggi_Castellior	291	Max WS	242.77	67.58		67.64	62.00	0.000369	1.11	218.77	3.12	0.19
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	381.41	66.84		67.16	61.90	0.002491	2.52	151.43	2.55	0.49
Elsa	Poggi_Castellior	289	Max WS	381.40	65.91		66.52	61.80	0.006633	3.48	109.57	1.99	0.78
Elsa	Poggi_Castellior	288	Max WS	381.39	66.05		66.31	62.00	0.003144	2.23	170.95	1.79	0.52
Elsa	Poggi_Castellior	287.6	Max WS	381.39	66.02	65.12	66.29	62.00	0.003303	2.27	168.30	1.76	0.54
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	381.13	65.75		65.78	58.70	0.000226	0.75	505.89	2.53	0.15
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	405.77	65.75		65.77	58.00	0.000111	0.62	660.53	3.16	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	442.11	65.54		65.70	58.90	0.001634	1.76	250.87	2.05	0.39
Elsa	Poggi_Castellior	283	Max WS	440.32	65.36		65.53	58.60	0.001069	1.87	239.23	3.07	0.33
Elsa	Poggi_Castellior	282	Max WS	383.82	65.27		65.44	58.50	0.001452	1.82	227.73	2.34	0.37
Elsa	Poggi_Castellior	281.9	Max WS	383.67	65.24	62.44	65.42	58.50	0.001446	1.86	224.61	2.42	0.37
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	429.89	65.32		65.41	58.80	0.000348	1.30	331.89	4.12	0.20
Elsa	Poggi_Castellior	281	Max WS	429.79	65.32		65.41	58.80	0.000348	1.30	331.60	4.12	0.20
Elsa	Poggi_Castellior	280	Max WS	428.18	65.30		65.38	58.00	0.000393	1.28	333.79	3.70	0.21
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	444.24	65.23		65.35	58.00	0.000458	1.51	293.88	4.02	0.23
Elsa	Poggi_Castellior	277	Max WS	444.21	65.23		65.35	58.00	0.000458	1.51	293.83	4.01	0.23
Elsa	Poggi_Castellior	276	Max WS	466.63	65.02		65.25	57.60	0.001112	2.14	217.80	3.66	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	466.62	64.73		65.12	57.88	0.002046	2.77	168.42	3.41	0.46
Elsa	Poggi_Castellior	273	Max WS	466.60	64.36		64.67	57.39	0.001676	2.45	190.47	3.29	0.42
Elsa	Poggi_Castellior	272	Max WS	466.60	64.22		64.45	56.94	0.001371	2.13	219.02	3.11	0.38
Elsa	Poggi_Castellior	271	Max WS	468.28	63.81		64.04	56.54	0.001572	2.17	215.90	2.88	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	468.28	63.61		63.82	56.53	0.001295	2.02	231.31	3.00	0.36
Elsa	Poggi_Castellior	269	Max WS	468.27	63.36		63.62	54.36	0.001380	2.23	209.99	3.31	0.38
Elsa	Poggi_Castellior	268	Max WS	468.19	62.81		63.13	54.91	0.002268	2.51	186.84	2.72	0.47
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	468.18	62.60		62.88	54.27	0.001676	2.35	198.84	3.10	0.41
Elsa	Poggi_Castellior	266	Max WS	468.17	62.49		62.73	54.22	0.001179	2.14	219.28	3.49	0.35
Elsa	Poggi_Castellior	265	Max WS	468.18	62.43		62.42	54.36	0.001138	1.95	240.51	3.12	0.34
Elsa	Poggi_Castellior	264	Max WS	468.17	62.16		62.62	53.78	0.001592	2.24	208.73	3.00	0.39
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	468.13	61.77		61.97	52.82	0.001545	1.99	234.84	2.57	0.38
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	435.66	61.46		61.66	52.86	0.001147	1.98	220.38	3.17	0.34
Elsa	Poggi_Castellior	261	Max WS	429.29	61.11		61.37	52.58	0.001547	2.22	193.28	3.02	0.39
Elsa	Poggi_Castellior	260.833*	Max WS	429.30	61.07		61.32	52.66	0.001491	2.19	195.85	3.04	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	429.29	61.03		61.27	52.75	0.001441	2.16	198.49	3.06	0.38
Elsa	Poggi_Castellior	260.5*	Max WS	429.29	60.99		61.23	52.83	0.001395	2.13	201.25	3.07	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	429.29	60.96		61.18	52.92	0.001354	2.10	204.08	3.08	0.37
Elsa	Poggi_Castellior	260.166*	Max WS	429.29	60.92		61.14	53.01	0.001317	2.07	207.01	3.08	0.37
Elsa	Poggi_Castellior	260	Max WS	429.29	60.88		61.10	53.09	0.001284	2.04	210.00	3.07	0.36
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	467.59	60.30		60.56	51.64	0.001546	2.28	205.29	3.14	0.39
Elsa	Poggi_Castellior	258	Max WS	454.49	60.10		60.34	51.94	0.001273	2.18	208.51	3.40	0.36
Elsa	Poggi_Castellior	257	Max WS	453.06	59.87		60.12	50.99	0.001215	2.22	204.49	3.61	0.35
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	421.21	59.67		59.97	51.39	0.001647	2.44	172.77	3.31	0.41
Elsa	Poggi_Castellior	255	Max WS	410.80	59.48		59.74	50.78	0.001403	2.28	180.80	3.24	0.38
Elsa	Poggi_Castellior	254	Max WS	413.49	59.30		59.63	51.95	0.001786	2.54	163.08	3.31	0.42
Elsa	Poggi_Castellior	253.7	Max WS	435.41	59.08		59.39	51.50	0.001757	2.48	175.78	3.23	0.42
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	428.62	58.83		59.12	51.30	0.001819	2.39	179.65	2.98	0.42
Elsa	Poggi_Castellior	253	Max WS	414.24	58.58		58.87	51.63	0.001551	2.38	177.10	3.02	0.40
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	412.57	58.22		58.56	50.91	0.001636	2.58	160.03	3.62	0.41
Elsa	Poggi_Castellior	251	Max WS	365.66	58.06		58.30	51.06	0.001328	2.17	169.48	3.06	0.37
Elsa	Poggi_Castellior	250	Max WS	335.53	57.70		58.07	50.57	0.002231	2.70	124.26	3.08	0.47
Elsa	Poggi_Castellior	249	Max WS	332.75	57.53		57.76	50.30	0.000879	2.12	179.91	4.31	0.31
Elsa	Poggi_Castellior	248.5*	Max WS	341.38	57.44		57.72	50.15	0.001229	2.32	178.77	4.31	0.34
Elsa	Poggi_Castellior	248	Max WS	356.31	57.37		57.66	49.99	0.001005	2.37	200.81	4.60	0.33
Elsa	Poggi_Castellior	247.666*	Max WS	373.15	57.30		57.60	49.82	0.001001	2.41	178.15	4.47	0.34
Elsa	Poggi_Castellior	247.333*	Max WS	380.63	57.21		57.54	49.64	0.001307	2.54	155.98	3.93	0.37
Elsa	Poggi_Castellior	247	Max WS	380.77	57.07		57.48	49.47	0.002027	2.86	133.20	3.60	0.44
Elsa	Poggi_Castellior	246.833*	Max WS	378.91	57.09		57.43	49.43	0.001491	2.58	148.94	3.89	0.39
Elsa	Poggi_Castellior	246.666*	Max WS	374.94	57.10		57.39	49.38	0.001239	2.39	162.64	3.98	0.36
Elsa	Poggi_Castellior	246.5*	Max WS	370.00	57.10		57.36	49.33	0.001109	2.25	174.24	3.96	0.34
Elsa	Poggi_Castellior	246.333*	Max WS	365.32	57.09		57.33	49.29	0.001064	2.17	183.52	3.85	0.34
Elsa	Poggi_Castellior	246.166*	Max WS	362.65	57.07		57.30	49.25	0.001106	2.14	190.06	3.66	0.34

HEC-RAS Plan: T030d09 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	364.83	57.02		57.26	49.20	0.001255	2.17	193.20	3.42	0.36
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	365.02	57.02		57.26	49.20	0.001259	2.17	193.07	3.42	0.36
Elsa	Poggi_Castelfior	244	Max WS	404.60	56.61		56.87	49.36	0.001248	2.28	177.67	3.68	0.35
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	371.10	56.58		56.78	49.36	0.000998	1.99	187.71	3.43	0.32
Elsa	Poggi_Castelfior	242	Max WS	352.93	56.51		56.63	48.45	0.000508	1.52	233.41	3.80	0.23
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	404.17	56.13		56.38	48.42	0.001174	2.23	180.93	3.75	0.35
Elsa	Poggi_Castelfior	240.857*	Max WS	404.02	56.08		56.35	48.39	0.001269	2.28	177.14	3.65	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	403.74	56.04		56.31	48.36	0.001321	2.31	175.12	3.60	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	402.33	56.01		56.28	48.33	0.001322	2.30	175.05	3.58	0.37
Elsa	Poggi_Castelfior	240.428*	Max WS	399.54	55.99		56.25	48.31	0.001270	2.26	177.04	3.59	0.36
Elsa	Poggi_Castelfior	240.285*	Max WS	397.04	55.97		56.21	48.28	0.001186	2.20	180.88	3.62	0.35
Elsa	Poggi_Castelfior	240.142*	Max WS	395.94	55.95		56.18	48.25	0.001087	2.12	186.39	3.68	0.33
Elsa	Poggi_Castelfior	240	Max WS	396.02	55.94		56.16	48.22	0.000979	2.05	193.63	3.76	0.32
Elsa	Poggi_Castelfior	239	Max WS	443.95	55.76		55.97	47.84	0.000769	2.03	218.83	4.45	0.29
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	437.14	55.49		55.79	48.07	0.001644	2.39	182.56	3.23	0.41
Elsa	Poggi_Castelfior	237	Max WS	436.90	55.40		55.68	48.60	0.001419	2.31	189.25	3.41	0.38
Elsa	Poggi_Castelfior	236	Max WS	437.05	55.48		55.66	48.21	0.000867	1.91	229.25	3.71	0.31
Elsa	Poggi_Castelfior	235	Max WS	436.93	55.42		55.63	47.79	0.001155	2.03	215.24	3.28	0.35
Elsa	Poggi_Castelfior	234	Max WS	436.94	55.43		55.59	47.30	0.000848	1.78	245.19	3.41	0.30
Elsa	Poggi_Castelfior	233	Max WS	428.60	55.31		55.45	48.23	0.000655	1.63	263.45	3.55	0.27
Elsa	Poggi_Castelfior	232	Max WS	431.47	54.23		54.84	48.71	0.004048	3.46	124.67	2.86	0.63
Elsa	Poggi_Castelfior	231	Max WS	366.38	54.09		54.24	47.01	0.000925	1.69	216.85	2.95	0.31
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	364.99	53.84		54.02	46.02	0.001218	1.88	194.62	2.80	0.34
Elsa	Poggi_Castelfior	228	Max WS	363.23	53.78		53.87	46.35	0.000356	1.32	276.00	4.14	0.20
Elsa	Poggi_Castelfior	227	Max WS	444.79	53.67		53.76	45.96	0.000367	1.33	335.61	4.09	0.20
Elsa	Poggi_Castelfior	226	Max WS	446.76	53.34		53.51	45.51	0.000920	1.84	242.60	3.37	0.31

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	357.3	Max WS	348.68	89.72		90.49	84.18	0.005987	3.90	89.30	2.55	0.75
Elsa	Poggi_Castellior	357.2	Max WS	348.67	89.71		90.48	84.15	0.005827	3.87	90.14	2.57	0.74
Elsa	Poggi_Castellior	357	Max WS	348.66	89.68		89.82	84.25	0.000989	1.67	209.20	2.75	0.32
Elsa	Poggi_Castellior	356	Max WS	348.63	89.57		89.73	84.00	0.001060	1.77	196.56	2.86	0.33
Elsa	Poggi_Castellior	355	Max WS	348.62	89.37		89.54	83.36	0.000952	1.79	194.79	3.14	0.32
Elsa	Poggi_Castellior	354	Max WS	348.62	89.20		89.47	83.34	0.001822	2.29	152.06	2.80	0.43
Elsa	Poggi_Castellior	353.9	Max WS	348.62	89.17	87.33	89.44	83.34	0.001889	2.32	150.16	2.78	0.44
Elsa	Poggi_Castellior	353.5		Bridge									
Elsa	Poggi_Castellior	353.1	Max WS	348.62	89.12		89.40	83.34	0.001987	2.36	147.54	2.75	0.45
Elsa	Poggi_Castellior	353	Max WS	348.62	89.20		89.39	82.70	0.000990	1.92	181.64	3.39	0.32
Elsa	Poggi_Castellior	352	Max WS	348.62	89.19		89.33	82.60	0.000745	1.67	209.30	3.39	0.28
Elsa	Poggi_Castellior	351	Max WS	348.62	88.90		89.15	81.90	0.001169	2.25	155.25	3.79	0.35
Elsa	Poggi_Castellior	350.99		Lat Struct									
Elsa	Poggi_Castellior	350.66	Max WS	348.61	88.70		89.02	82.08	0.001479	2.51	140.45	3.28	0.39
Elsa	Poggi_Castellior	350.33	Max WS	348.61	88.58		88.89	81.63	0.001464	2.44	142.76	3.63	0.38
Elsa	Poggi_Castellior	350	Max WS	348.60	88.41		88.77	81.70	0.002377	2.66	130.95	2.87	0.48
Elsa	Poggi_Castellior	349	Max WS	441.51	88.20		88.51	81.40	0.001157	2.44	180.83	4.33	0.35
Elsa	Poggi_Castellior	348.99		Lat Struct									
Elsa	Poggi_Castellior	348.9	Max WS	441.54	88.19		88.49	81.40	0.001166	2.45	180.33	4.32	0.36
Elsa	Poggi_Castellior	348.5	Max WS	441.05	87.71		88.15	81.24	0.002039	2.96	148.84	3.78	0.46
Elsa	Poggi_Castellior	348.48		Lat Struct									
Elsa	Poggi_Castellior	348	Max WS	440.55	87.36		87.90	81.70	0.003240	3.25	135.47	3.07	0.57
Elsa	Poggi_Castellior	347.5	Max WS	440.78	87.50		87.70	79.61	0.000757	2.09	246.92	2.82	0.27
Elsa	Poggi_Castellior	347.49		Lat Struct									
Elsa	Poggi_Castellior	347	Max WS	440.38	87.17		87.48	81.20	0.002019	2.49	176.70	2.94	0.45
Elsa	Poggi_Castellior	346.5	Max WS	439.24	87.20		87.25	79.50	0.000301	1.02	431.22	3.02	0.18
Elsa	Poggi_Castellior	346	Max WS	421.04	86.97		87.17	80.80	0.001304	2.00	210.86	2.93	0.36
Elsa	Poggi_Castellior	345.98		Lat Struct									
Elsa	Poggi_Castellior	345.5	Max WS	439.56	86.83		86.99	79.47	0.000842	1.79	245.10	3.46	0.30
Elsa	Poggi_Castellior	345	Max WS	440.39	86.53		86.83	79.80	0.001427	2.40	183.25	3.61	0.39
Elsa	Poggi_Castellior	344.99		Lat Struct									
Elsa	Poggi_Castellior	344.98		Lat Struct									
Elsa	Poggi_Castellior	344.5	Max WS	440.38	86.28		86.62	79.03	0.001716	2.60	169.58	3.53	0.41
Elsa	Poggi_Castellior	344	Max WS	440.36	85.78		86.44	79.80	0.003916	3.60	122.23	3.11	0.63
Elsa	Poggi_Castellior	343	Max WS	440.33	85.33		85.67	77.80	0.001735	2.58	170.36	3.48	0.42
Elsa	Poggi_Castellior	342.98		Lat Struct									
Elsa	Poggi_Castellior	342	Max WS	440.16	84.67		85.05	77.80	0.002271	2.72	161.76	3.07	0.48
Elsa	Poggi_Castellior	341.99		Lat Struct									
Elsa	Poggi_Castellior	341.6	Max WS	440.11	84.47		84.68	77.00	0.000802	2.03	216.95	4.31	0.29
Elsa	Poggi_Castellior	341.5	Max WS	440.13	84.47		84.67	77.00	0.000762	1.99	221.31	4.35	0.29
Elsa	Poggi_Castellior	341.4	Max WS	440.12	84.44		84.66	77.00	0.000882	2.10	209.18	4.24	0.31
Elsa	Poggi_Castellior	341.39		Lat Struct									
Elsa	Poggi_Castellior	341.38		Lat Struct									
Elsa	Poggi_Castellior	341	Max WS	440.08	84.23		84.38	77.30	0.000788	1.72	255.74	3.42	0.29
Elsa	Poggi_Castellior	340	Max WS	440.06	84.18		84.29	77.70	0.000623	1.47	299.74	3.21	0.26
Elsa	Poggi_Castellior	339.98		Lat Struct									
Elsa	Poggi_Castellior	339	Max WS	440.09	84.05		84.26	76.80	0.001120	2.00	234.02	3.03	0.34
Elsa	Poggi_Castellior	338	Max WS	440.07	82.80		83.33	75.80	0.003216	3.21	137.13	3.03	0.56
Elsa	Poggi_Castellior	337.98		Lat Struct									
Elsa	Poggi_Castellior	337	Max WS	439.20	82.50		82.76	75.60	0.001574	2.26	193.98	3.07	0.40
Elsa	Poggi_Castellior	336.99		Lat Struct									
Elsa	Poggi_Castellior	336	Max WS	439.21	82.26		82.51	75.60	0.001076	2.22	198.23	3.70	0.35
Elsa	Poggi_Castellior	335.09		Lat Struct									
Elsa	Poggi_Castellior	335	Max WS	439.03	82.22		82.39	74.60	0.000545	1.79	244.77	4.79	0.24
Elsa	Poggi_Castellior	334	Max WS	439.82	81.14		81.69	74.40	0.005024	3.31	132.87	2.27	0.67
Elsa	Poggi_Castellior	333.99		Lat Struct									
Elsa	Poggi_Castellior	333.98		Lat Struct									
Elsa	Poggi_Castellior	333.68		Lat Struct									
Elsa	Poggi_Castellior	333.58		Lat Struct									
Elsa	Poggi_Castellior	333.5	Max WS	439.80	80.81		81.08	74.60	0.001224	2.45	223.80	3.46	0.37
Elsa	Poggi_Castellior	333	Max WS	439.79	80.75		80.97	74.60	0.001095	2.30	372.27	3.36	0.35
Elsa	Poggi_Castellior	332.5	Max WS	439.79	80.67		80.89	74.49	0.001362	2.25	363.47	2.99	0.34
Elsa	Poggi_Castellior	332.49		Lat Struct									
Elsa	Poggi_Castellior	332.25	Max WS	439.79	80.54		80.76	74.29	0.001053	2.27	377.28	3.40	0.34
Elsa	Poggi_Castellior	332	Max WS	439.79	80.63		80.73	74.20	0.000502	1.39	317.18	3.47	0.24
Elsa	Poggi_Castellior	331	Max WS	439.79	80.52	76.99	80.69	73.50	0.000577	1.86	237.12	4.65	0.26
Elsa	Poggi_Castellior	330.75		Bridge									
Elsa	Poggi_Castellior	330.5	Max WS	439.79	80.48		80.66	73.50	0.000630	1.85	238.26	4.49	0.26
Elsa	Poggi_Castellior	330.49		Lat Struct									
Elsa	Poggi_Castellior	330	Max WS	439.79	80.29		80.63	73.65	0.001500	2.57	171.57	3.65	0.40
Elsa	Poggi_Castellior	329.98		Lat Struct									
Elsa	Poggi_Castellior	329	Max WS	438.69	80.35		80.58	72.60	0.001300	2.09	209.64	3.15	0.37
Elsa	Poggi_Castellior	328	Max WS	439.77	80.16		80.39	72.60	0.001256	2.13	206.38	3.32	0.36
Elsa	Poggi_Castellior	327.99		Lat Struct									
Elsa	Poggi_Castellior	327	Max WS	440.26	80.05		80.33	72.60	0.001627	2.36	186.51	3.19	0.41
Elsa	Poggi_Castellior	326.98		Lat Struct									
Elsa	Poggi_Castellior	326	Max WS	440.29	79.64		79.92	72.50	0.001994	2.33	189.31	2.68	0.44
Elsa	Poggi_Castellior	325.58		Lat Struct									
Elsa	Poggi_Castellior	325	Max WS	413.83	79.33		79.48	72.20	0.000808	1.71	242.39	3.31	0.29
Elsa	Poggi_Castellior	324.99		Lat Struct									
Elsa	Poggi_Castellior	324.49		Lat Struct									
Elsa	Poggi_Castellior	324	Max WS	292.17	79.27		79.44	72.30	0.000993	1.86	157.24	3.22	0.32
Elsa	Poggi_Castellior	323.857*	Max WS	292.17	79.24		79.40	72.31	0.000937	1.79	162.97	3.19	0.31
Elsa	Poggi_Castellior	323.714*	Max WS	291.59	79.21		79.36	72.31	0.000874	1.72	169.31	3.16	0.30
Elsa	Poggi_Castellior	323.571*	Max WS	266.61	79.24		79.36	72.32	0.000647	1.49	178.97	3.19	0.26
Elsa	Poggi_Castellior	323.428*	Max WS	266.61	79.23		79.33	72.33	0.000595	1.43	186.67	3.19	0.25
Elsa	Poggi_Castellior	323.285*	Max WS	266.62	79.21		79.30	72.34	0.000549	1.37	194.84	3.18	0.24
Elsa	Poggi_Castellior	323.142*	Max WS	265.70	79.20		79.28	72.34	0.000490	1.31	203.56	3.21	0.23
Elsa	Poggi_Castellior	323	Max WS	261.40	79.19		79.27	72.35	0.000427	1.23	212.97	3.26	0.21
Elsa	Poggi_Castellior	322.98		Lat Struct									
Elsa	Poggi_Castellior	322	Max WS	398.61	78.46		78.67	72.32	0.001951	2.05	194.81	2.24	0.43
Elsa	Poggi_Castellior	321.98		Lat Struct									
Elsa	Poggi_Castellior	321	Max WS	398.56	77.98		78.26	72.30	0.002058	2.31	172.86	2.58	0.45
Elsa	Poggi_Castellior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	362.84	77.63		77.90	71.80	0.002376	2.33	155.40	2.36	0.48
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	354.44	76.47		76.95	71.60	0.002877	3.09	118.30	2.22	0.54
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	353.18	76.27		76.43	71.20	0.000692	1.74	202.77	3.79	0.27
Elsa	Poggi_Castellior	317.6	Max WS	354.58	76.30		76.42	71.20	0.000557	1.55	229.61	3.67	0.25
Elsa	Poggi_Castellior	317.56	Max WS	357.84	76.28		76.41	71.20	0.000640	1.59	225.91	3.46	0.25
Elsa	Poggi_Castellior	317.54	Max WS	357.84	76.27		76.40	71.20	0.000644	1.59	225.37	3.45	0.25
Elsa	Poggi_Castellior	317.5	Max WS	357.84	76.27		76.40	71.20	0.000611	1.59	224.59	3.68	0.26
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	357.84	76.26		76.39	71.20	0.000591	1.57	227.23	3.71	0.25
Elsa	Poggi_Castellior	317.32*	Max WS	357.84	76.23		76.37	71.17	0.000710	1.69	211.46	3.60	0.28
Elsa	Poggi_Castellior	317.24*	Max WS	357.84	76.18		76.35	71.14	0.000881	1.83	195.02	3.46	0.31
Elsa	Poggi_Castellior	317.16*	Max WS	357.84	76.11		76.32	71.12	0.001138	2.01	177.69	3.28	0.35
Elsa	Poggi_Castellior	317.08*	Max WS	357.84	76.03		76.28	71.09	0.001555	2.25	159.07	3.07	0.40
Elsa	Poggi_Castellior	317	Max WS	357.84	75.89		76.23	71.06	0.002338	2.59	138.17	2.79	0.49
Elsa	Poggi_Castellior	316.5*	Max WS	357.84	75.90		76.17	71.14	0.001890	2.30	155.25	2.86	0.43
Elsa	Poggi_Castellior	316	Max WS	357.84	75.79	74.52	76.11	71.22	0.002139	2.48	144.10	2.80	0.47
Elsa	Poggi_Castellior	315.5		Ini Struct									
Elsa	Poggi_Castellior	315	Max WS	355.91	74.62		74.66	67.50	0.000107	0.81	440.38	4.92	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	368.46	74.55		74.65	67.40	0.000382	1.35	272.15	4.10	0.21
Elsa	Poggi_Castellior	313	Max WS	368.03	74.46		74.63	67.30	0.000896	1.85	212.57	3.45	0.31
Elsa	Poggi_Castellior	312.9	Max WS	368.03	74.46	71.09	74.63	67.30	0.000899	1.85	212.45	3.45	0.31
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	368.02	74.42		74.60	67.30	0.000767	1.93	193.49	3.89	0.28
Elsa	Poggi_Castellior	312	Max WS	368.03	74.42		74.60	67.30	0.000767	1.92	193.61	3.88	0.28
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	368.07	74.23		74.57	67.30	0.001640	2.57	142.99	3.61	0.41
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	368.02	74.16		74.46	67.06	0.001447	2.40	153.06	3.58	0.39
Elsa	Poggi_Castellior	310.6*	Max WS	367.99	74.10		74.36	66.82	0.001271	2.24	164.45	3.54	0.37
Elsa	Poggi_Castellior	310.4*	Max WS	367.90	74.05		74.27	66.58	0.001093	2.07	177.41	3.53	0.34
Elsa	Poggi_Castellior	310.2*	Max WS	367.87	74.01		74.20	66.34	0.000928	1.92	191.76	3.56	0.31
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	377.84	73.95		74.12	66.10	0.000840	1.83	206.35	3.57	0.30
Elsa	Poggi_Castellior	309.8*	Max WS	412.43	73.80		74.01	65.92	0.001171	2.06	200.54	3.45	0.34
Elsa	Poggi_Castellior	309.6*	Max WS	414.49	73.70		73.92	65.74	0.001270	2.11	196.77	3.37	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	414.44	73.59		73.82	65.56	0.001432	2.15	192.57	3.30	0.37
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	414.41	73.47		73.72	65.38	0.001502	2.20	188.58	3.29	0.38
Elsa	Poggi_Castellior	309	Max WS	414.29	73.36		73.61	65.20	0.001315	2.21	187.17	3.39	0.37
Elsa	Poggi_Castellior	308.8*	Max WS	414.25	73.29		73.53	65.16	0.001409	2.19	189.53	3.42	0.37
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	412.88	73.20		73.44	65.12	0.001371	2.16	191.01	3.44	0.36
Elsa	Poggi_Castellior	308.4*	Max WS	411.95	73.12		73.36	65.08	0.001295	2.15	191.74	3.42	0.36
Elsa	Poggi_Castellior	308.2*	Max WS	411.93	73.04		73.27	65.04	0.001345	2.15	191.57	3.33	0.36
Elsa	Poggi_Castellior	308	Max WS	411.93	72.95		73.19	65.00	0.001414	2.16	190.51	3.10	0.38
Elsa	Poggi_Castellior	307.75*	Max WS	411.93	72.90		73.11	64.75	0.001388	2.02	203.66	2.96	0.37
Elsa	Poggi_Castellior	307.5*	Max WS	411.91	72.84		73.03	64.50	0.001238	1.94	212.39	3.03	0.35
Elsa	Poggi_Castellior	307.25*	Max WS	411.91	72.78		72.96	64.25	0.001260	1.91	216.08	3.03	0.34
Elsa	Poggi_Castellior	307	Max WS	411.68	72.72		72.90	64.00	0.000902	1.90	216.84	3.39	0.31
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	411.76	72.60		72.86	63.80	0.001218	2.23	184.44	3.64	0.35
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	411.65	72.19		72.59	64.00	0.001822	2.82	145.92	3.82	0.42
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	411.28	71.92		72.32	63.74	0.001831	2.83	145.57	3.82	0.43
Elsa	Poggi_Castellior	304	Max WS	411.32	71.96		72.13	63.40	0.000599	1.82	226.31	4.20	0.26
Elsa	Poggi_Castellior	303.7	Max WS	411.28	71.81	68.75	72.04	63.80	0.000967	2.12	194.05	4.01	0.33
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	411.28	71.80		72.03	63.80	0.000975	2.13	193.47	4.00	0.33
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	411.23	71.58		71.85	63.80	0.001166	2.29	179.39	3.92	0.36
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	405.18	71.38		71.56	63.00	0.001177	1.86	217.38	2.85	0.34
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	405.62	70.70		71.08	63.00	0.001665	2.71	153.87	2.58	0.42
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	403.93	70.00		70.50	62.70	0.002571	3.15	128.19	3.49	0.51
Elsa	Poggi_Castellior	299.5	Max WS	404.00	70.05		70.13	61.57	0.000348	1.30	311.75	4.12	0.20
Elsa	Poggi_Castellior	299	Max WS	404.40	69.61		69.94	61.30	0.001936	2.53	163.31	2.50	0.43
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	403.64	69.35		69.65	61.20	0.001536	2.42	166.48	3.39	0.39
Elsa	Poggi_Castellior	298.62	Max WS	403.59	69.39		69.56	61.50	0.000547	1.80	274.72	3.54	0.25
Elsa	Poggi_Castellior	298.61	Max WS	403.60	69.44		69.54	61.50	0.000333	1.43	304.02	3.96	0.19
Elsa	Poggi_Castellior	298.6	Max WS	403.56	69.42		69.53	61.50	0.000527	1.51	268.01	3.56	0.23
Elsa	Poggi_Castellior	298.4	Max WS	403.55	69.41		69.53	61.50	0.000529	1.51	267.56	3.55	0.23
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	403.56	69.41		69.52	61.50	0.000449	1.46	276.12	3.96	0.22
Elsa	Poggi_Castellior	298.09	Max WS	392.45	69.19		69.39	60.57	0.001243	1.98	199.52	2.88	0.35
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	401.21	69.04		69.19	62.50	0.000932	1.71	234.26	2.99	0.31
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	402.28	68.84		68.89	61.70	0.001509	2.23	180.31	3.10	0.39
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	394.21	68.19		68.48	61.20	0.001511	2.38	166.04	3.33	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	390.81	67.74		68.00	62.20	0.001665	2.27	172.27	2.95	0.41
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	335.81	67.61		67.71	61.90	0.000629	1.40	240.40	2.96	0.26
Elsa	Poggi_Castellior	292	Max WS	264.18	67.42		67.59	61.90	0.001137	1.83	144.59	2.84	0.34
Elsa	Poggi_Castellior	291.75*	Max WS	254.79	67.41		67.55	61.93	0.001046	1.62	157.05	2.84	0.30
Elsa	Poggi_Castellior	291.5*	Max WS	245.46	67.41		67.51	61.95	0.000802	1.43	171.66	2.87	0.26
Elsa	Poggi_Castellior	291.25*	Max WS	235.99	67.41		67.49	61.97	0.000601	1.25	188.53	2.92	0.23
Elsa	Poggi_Castellior	291	Max WS	225.32	67.41		67.47	62.00	0.000374	1.08	207.83	2.99	0.19
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	349.60	66.71		67.01	61.90	0.002432	2.43	144.15	2.45	0.48
Elsa	Poggi_Castellior	289	Max WS	349.57	65.80		66.38	61.80	0.006630	3.37	103.70	1.90	0.77
Elsa	Poggi_Castellior	288	Max WS	349.57	65.91		66.16	62.00	0.003381	2.21	158.04	1.67	0.54
Elsa	Poggi_Castellior	287.6	Max WS	349.57	65.88	65.01	66.14	62.00	0.003580	2.25	155.19	1.64	0.55
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	349.41	65.50		65.53	58.70	0.000258	0.76	457.76	2.33	0.16
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	368.86	65.50		65.52	58.00	0.000117	0.61	610.53	2.96	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	363.68	65.30		65.44	58.90	0.001625	1.63	222.67	1.84	0.38
Elsa	Poggi_Castellior	283	Max WS	363.57	65.15		65.29	58.60	0.000893	1.64	222.15	2.90	0.30
Elsa	Poggi_Castellior	282	Max WS	362.60	65.07		65.25	58.50	0.001711	1.86	202.18	2.15	0.39
Elsa	Poggi_Castellior	281.9	Max WS	362.26	65.04	62.33	65.23	58.50	0.001689	1.90	198.89	2.24	0.39
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	363.03	65.13		65.19	58.80	0.000283	1.15	316.60	4.01	0.18
Elsa	Poggi_Castellior	281	Max WS	363.00	65.12		65.19	58.80	0.000283	1.15	316.35	4.01	0.18
Elsa	Poggi_Castellior	280	Max WS	362.85	65.10		65.17	58.00	0.000331	1.15	316.85	3.55	0.19
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	391.05	65.04		65.13	58.00	0.000406	1.39	280.65	4.09	0.21
Elsa	Poggi_Castellior	277	Max WS	391.03	65.03		65.13	58.00	0.000406	1.39	280.61	4.09	0.21
Elsa	Poggi_Castellior	276	Max WS	426.54	64.81		65.03	57.60	0.001092	2.07	206.36	3.52	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	426.43	64.53		64.89	57.88	0.002003	2.67	159.71	3.28	0.45
Elsa	Poggi_Castellior	273	Max WS	426.19	64.17		64.46	57.39	0.001617	2.36	180.41	3.20	0.41
Elsa	Poggi_Castellior	272	Max WS	426.09	64.02		64.24	56.94	0.001379	2.07	206.02	2.96	0.38
Elsa	Poggi_Castellior	271	Max WS	425.59	63.61		63.84	56.54	0.001601	2.11	202.14	2.72	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	425.58	63.41		63.61	56.53	0.001304	1.96	216.97	2.85	0.36
Elsa	Poggi_Castellior	269	Max WS	425.56	63.17		63.41	54.36	0.001350	2.14	198.91	3.16	0.37
Elsa	Poggi_Castellior	268	Max WS	425.33	62.62		62.92	54.91	0.002285	2.43	174.82	2.58	0.46
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	425.25	62.42		62.68	54.27	0.001580	2.26	188.49	3.04	0.39
Elsa	Poggi_Castellior	266	Max WS	425.20	62.32		62.53	54.22	0.001126	2.03	209.09	3.36	0.34
Elsa	Poggi_Castellior	265	Max WS	425.16	62.25		62.43	54.36	0.001100	1.87	227.88	3.00	0.33
Elsa	Poggi_Castellior	264	Max WS	424.95	62.00		62.23	53.78	0.001520	2.14	198.58	2.89	0.38
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	424.75	61.61		61.80	52.82	0.001540	1.92	221.30	2.43	0.38
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	400.55	61.29		61.48	52.86	0.001131	1.91	209.90	3.04	0.34
Elsa	Poggi_Castellior	261	Max WS	399.06	60.94		61.18	52.58	0.001585	2.18	182.83	2.89	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	399.06	60.89		61.13	52.66	0.001531	2.16	185.14	2.91	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	399.03	60.85		61.08	52.75	0.001482	2.13	187.52	2.93	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	398.97	60.81		61.04	52.83	0.001436	2.10	190.01	2.93	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	398.98	60.77		60.99	52.92	0.001396	2.07	192.57	2.94	0.38
Elsa	Poggi_Castellior	260.166*	Max WS	398.94	60.73		60.95	53.01	0.001360	2.04	195.21	2.94	0.37
Elsa	Poggi_Castellior	260	Max WS	398.91	60.70		60.90	53.09	0.001327	2.02	197.95	2.93	0.37
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	424.23	60.16		60.39	51.64	0.001430	2.15	196.95	3.06	0.38
Elsa	Poggi_Castellior	258	Max WS	416.76	59.96		60.18	51.94	0.001190	2.08	200.83	3.32	0.35
Elsa	Poggi_Castellior	257	Max WS	416.70	59.75		59.97	50.99	0.001123	2.10	198.53	3.53	0.34
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	395.12	59.54		59.83	51.39	0.001613	2.37	166.67	3.23	0.40
Elsa	Poggi_Castellior	255	Max WS	392.08	59.32		59.58	50.78	0.001460	2.27	173.02	3.13	0.38
Elsa	Poggi_Castellior	254	Max WS	391.58	59.16		59.47	51.95	0.001804	2.50	156.53	3.22	0.42
Elsa	Poggi_Castellior	253.7	Max WS	401.78	58.98		59.26	51.50	0.001628	2.35	170.95	3.16	0.40
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	398.10	58.75		59.01	51.30	0.001704	2.27	175.04	2.91	0.40
Elsa	Poggi_Castellior	253	Max WS	390.86	58.49		58.76	51.63	0.001495	2.30	172.37	2.96	0.39
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	390.77	58.16		58.47	50.91	0.001511	2.48	157.63	3.62	0.39
Elsa	Poggi_Castellior	251	Max WS	355.68	57.97		58.21	51.06	0.001371	2.17	164.98	2.98	0.37
Elsa	Poggi_Castellior	250	Max WS	334.05	57.53		57.94	50.57	0.002537	2.83	118.02	3.00	0.50
Elsa	Poggi_Castellior	249	Max WS	333.96	57.32		57.57	50.30	0.001028	2.23	170.28	4.13	0.34
Elsa	Poggi_Castellior	248.5*	Max WS	340.09	57.23		57.53	50.15	0.001414	2.42	169.73	4.13	0.37
Elsa	Poggi_Castellior	248	Max WS	352.82	57.16		57.47	49.99	0.001121	2.44	192.46	4.44	0.35
Elsa	Poggi_Castellior	247.666*	Max WS	367.28	57.09		57.40	49.82	0.001115	2.47	170.09	4.31	0.36
Elsa	Poggi_Castellior	247.333*	Max WS	373.29	57.00		57.35	49.64	0.001470	2.61	147.94	3.76	0.39
Elsa	Poggi_Castellior	247	Max WS	373.34	56.84		57.28	49.47	0.002269	2.96	126.26	3.48	0.46
Elsa	Poggi_Castellior	246.833*	Max WS	371.01	56.86		57.22	49.43	0.001668	2.66	140.97	3.74	0.41
Elsa	Poggi_Castellior	246.666*	Max WS	367.70	56.87		57.18	49.38	0.001394	2.47	153.39	3.83	0.38
Elsa	Poggi_Castellior	246.5*	Max WS	363.54	56.86		57.14	49.33	0.001261	2.34	163.61	3.80	0.36
Elsa	Poggi_Castellior	246.333*	Max WS	358.78	56.85		57.11	49.29	0.001219	2.26	171.54	3.70	0.36
Elsa	Poggi_Castellior	246.166*	Max WS	354.42	56.82		57.07	49.25	0.001262	2.22	176.90	3.51	0.36

HEC-RAS Plan: T020d09 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	353.52	56.78		57.03	49.20	0.001413	2.25	179.00	3.29	0.37
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	353.58	56.77		57.03	49.20	0.001415	2.25	178.90	3.29	0.37
Elsa	Poggi_Castelfior	244	Max WS	375.02	56.40		56.65	49.36	0.001246	2.22	168.83	3.55	0.35
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	344.39	56.36		56.56	49.36	0.001036	1.96	176.64	3.27	0.33
Elsa	Poggi_Castelfior	242	Max WS	332.94	56.27		56.39	48.45	0.000526	1.52	220.35	3.71	0.24
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	377.34	55.89		56.14	48.42	0.001199	2.21	170.75	3.63	0.35
Elsa	Poggi_Castelfior	240.857*	Max WS	377.34	55.85		56.11	48.39	0.001300	2.26	166.75	3.54	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	377.33	55.80		56.07	48.36	0.001380	2.29	164.47	3.46	0.38
Elsa	Poggi_Castelfior	240.571*	Max WS	377.32	55.76		56.03	48.33	0.001412	2.30	164.05	3.41	0.38
Elsa	Poggi_Castelfior	240.428*	Max WS	376.81	55.73		55.99	48.31	0.001381	2.28	165.57	3.41	0.38
Elsa	Poggi_Castelfior	240.285*	Max WS	375.06	55.71		55.96	48.28	0.001293	2.22	169.18	3.45	0.36
Elsa	Poggi_Castelfior	240.142*	Max WS	373.62	55.69		55.93	48.25	0.001177	2.14	174.62	3.51	0.35
Elsa	Poggi_Castelfior	240	Max WS	373.40	55.68		55.90	48.22	0.001051	2.05	181.79	3.59	0.33
Elsa	Poggi_Castelfior	239	Max WS	404.65	55.53		55.73	47.84	0.000732	1.94	208.91	4.31	0.28
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	401.14	55.25		55.54	48.07	0.001718	2.36	170.00	3.06	0.41
Elsa	Poggi_Castelfior	237	Max WS	401.14	55.16		55.42	48.60	0.001467	2.27	176.68	3.25	0.39
Elsa	Poggi_Castelfior	236	Max WS	401.14	55.23		55.41	48.21	0.000883	1.87	215.05	3.54	0.31
Elsa	Poggi_Castelfior	235	Max WS	401.14	55.17		55.37	47.79	0.001212	2.00	200.07	3.11	0.35
Elsa	Poggi_Castelfior	234	Max WS	401.14	55.18		55.33	47.30	0.000876	1.76	228.56	3.25	0.30
Elsa	Poggi_Castelfior	233	Max WS	392.06	55.05		55.18	48.23	0.000684	1.60	245.78	3.34	0.27
Elsa	Poggi_Castelfior	232	Max WS	341.35	54.04		54.47	48.71	0.003001	2.91	117.32	2.75	0.54
Elsa	Poggi_Castelfior	231	Max WS	337.20	53.90		54.04	47.01	0.000956	1.66	203.40	2.80	0.31
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	335.26	53.64		53.81	46.02	0.001274	1.85	181.68	2.64	0.35
Elsa	Poggi_Castelfior	228	Max WS	333.32	53.57		53.66	46.35	0.000350	1.27	262.79	3.97	0.20
Elsa	Poggi_Castelfior	227	Max WS	407.15	53.46		53.54	45.96	0.000360	1.27	319.41	3.92	0.20
Elsa	Poggi_Castelfior	226	Max WS	407.94	53.13		53.30	45.51	0.000921	1.78	228.63	3.21	0.31

D09 ore

APE	Profile	Plan	W.S. Elev (m)	SA Min El (m)	SA Volume (1000 m3)
D0	Max WS	T200d09	89.23	87	49.98
D0	Max WS	T100d09	88.65	87	22.92
D0	Max WS	T030d09	87	87	0
D0	Max WS	T020d09	87	87	0
D10a	Max WS	T200d09	75.87	73.5	7.04
D10a	Max WS	T100d09	75.44	73.5	5.06
D10a	Max WS	T030d09	74.65	73.5	1.95
D10a	Max WS	T020d09	73.5	73.5	0
D10b	Max WS	T200d09	75.91	72	20.45
D10b	Max WS	T100d09	75.53	72	13.43
D10b	Max WS	T030d09	74.66	72	1.75
D10b	Max WS	T020d09	72	72	0
D11a	Max WS	T200d09	75.54	71.75	127.56
D11a	Max WS	T100d09	75.02	71.75	88.98
D11a	Max WS	T030d09	74.13	71.75	25.75
D11a	Max WS	T020d09	72.81	71.75	0.13
D11b	Max WS	T200d09	74.27	66.25	98.14
D11b	Max WS	T100d09	73.84	66.25	69.74
D11b	Max WS	T030d09	73.01	66.25	16.82
D11b	Max WS	T020d09	71.57	66.25	0.96
D11c	Max WS	T200d09	75.67	73	40.89
D11c	Max WS	T100d09	75.02	73	22.37
D11c	Max WS	T030d09	73.98	73	0.81
D11c	Max WS	T020d09	73	73	0
D12a	Max WS	T200d09	75.16	72.5	20.23
D12a	Max WS	T100d09	74.41	72.5	3.92
D12a	Max WS	T030d09	73.98	72.5	0.55
D12a	Max WS	T020d09	72.81	72.5	0
D12b	Max WS	T200d09	74.28	70	196.56
D12b	Max WS	T100d09	73.84	70	127.85
D12b	Max WS	T030d09	72.93	70	27.87
D12b	Max WS	T020d09	70	70	0
D13	Max WS	T200d09	74.04	66.5	19.3
D13	Max WS	T100d09	73.52	66.5	12.7
D13	Max WS	T030d09	72.69	66.5	3.12
D13	Max WS	T020d09	66.5	66.5	0
D14	Max WS	T200d09	73.43	69.5	94.95
D14	Max WS	T100d09	72.98	69.5	47.89
D14	Max WS	T030d09	72.16	69.5	8.66

D09 ore

D14	Max WS	T020d09	71.44	69.5	1.12
D15a	Max WS	T200d09	72.59	69	50.87
D15a	Max WS	T100d09	72.29	69	34.89
D15a	Max WS	T030d09	71.75	69	10.12
D15a	Max WS	T020d09	71.51	69	4.39
D15b	Max WS	T200d09	72.33	68	102.69
D15b	Max WS	T100d09	72.01	68	83.39
D15b	Max WS	T030d09	71.31	68	41.48
D15b	Max WS	T020d09	71.04	68	25.92
D16	Max WS	T200d09	72.66	69.8	89.87
D16	Max WS	T100d09	72.03	69.8	47.9
D16	Max WS	T030d09	71.08	69.8	3.8
D16	Max WS	T020d09	70.26	69.8	0.03
D17a	Max WS	T200d09	71.81	64	299.34
D17a	Max WS	T100d09	71.27	64	223.28
D17a	Max WS	T030d09	70.19	64	75.44
D17a	Max WS	T020d09	69.92	64	42.98
D17b	Max WS	T200d09	70.8	65.8	174.15
D17b	Max WS	T100d09	70.29	65.8	145.93
D17b	Max WS	T030d09	69.44	65.8	100.72
D17b	Max WS	T020d09	69.14	65.8	85.39
D17c	Max WS	T200d09	70.93	68	96.54
D17c	Max WS	T100d09	70.36	68	69.47
D17c	Max WS	T030d09	69.55	68	31.01
D17c	Max WS	T020d09	69.18	68	14.26
D17d	Max WS	T200d09	71.39	68	17.41
D17d	Max WS	T100d09	71.01	68	12.87
D17d	Max WS	T030d09	70.1	68	4.28
D17d	Max WS	T020d09	69.61	68	0.99
D18	Max WS	T200d09	70.51	65.25	88.95
D18	Max WS	T100d09	70.04	65.25	46.51
D18	Max WS	T030d09	69.23	65.25	12.69
D18	Max WS	T020d09	69.02	65.25	9.14
D19	Max WS	T200d09	66.27	63.5	114.11
D19	Max WS	T100d09	64.27	63.5	0.03
D19	Max WS	T030d09	63.5	63.5	0
D19	Max WS	T020d09	63.5	63.5	0
D1a	Max WS	T200d09	89.22	83.25	106.52
D1a	Max WS	T100d09	88.65	83.25	60.34
D1a	Max WS	T030d09	87.21	83.25	1.84
D1a	Max WS	T020d09	87.18	83.25	1.73
D1b	Max WS	T200d09	86.38	82.5	60.45

D09 ore

D1b	Max WS	T100d09	86.02	82.5	31.29
D1b	Max WS	T030d09	82.5	82.5	0
D1b	Max WS	T020d09	82.5	82.5	0
D1c	Max WS	T200d09	85.65	82.75	89.23
D1c	Max WS	T100d09	85.27	82.75	53.48
D1c	Max WS	T030d09	84.56	82.75	14.53
D1c	Max WS	T020d09	84.2	82.75	5.59
D1d	Max WS	T200d09	88.78	82.75	33.37
D1d	Max WS	T100d09	82.75	82.75	0
D1d	Max WS	T030d09	82.75	82.75	0
D1d	Max WS	T020d09	82.75	82.75	0
D2	Max WS	T200d09	83.24	76.75	82.91
D2	Max WS	T100d09	82.84	76.75	53.13
D2	Max WS	T030d09	82.25	76.75	16.27
D2	Max WS	T020d09	81.78	76.75	5.13
D20	Max WS	T200d09	62	62	0
D20	Max WS	T100d09	62	62	0
D20	Max WS	T030d09	62	62	0
D20	Max WS	T020d09	62	62	0
D21	Max WS	T200d09	61.8	61.8	0
D21	Max WS	T100d09	61.8	61.8	0
D21	Max WS	T030d09	61.8	61.8	0
D21	Max WS	T020d09	61.8	61.8	0
D22	Max WS	T200d09	63.52	58.25	153.51
D22	Max WS	T100d09	58.39	58.25	0.01
D22	Max WS	T030d09	58.25	58.25	0
D22	Max WS	T020d09	58.25	58.25	0
D23	Max WS	T200d09	61.96	58.8	8.08
D23	Max WS	T100d09	58.8	58.8	0
D23	Max WS	T030d09	58.8	58.8	0
D23	Max WS	T020d09	58.8	58.8	0
D24a	Max WS	T200d09	59.7	55	97.23
D24a	Max WS	T100d09	59.55	55	68.56
D24a	Max WS	T030d09	59.4	55	46.61
D24a	Max WS	T020d09	59.33	55	37.31
D24b	Max WS	T200d09	55.25	55.25	0
D24b	Max WS	T100d09	55.25	55.25	0
D24b	Max WS	T030d09	55.25	55.25	0
D24b	Max WS	T020d09	55.25	55.25	0
D25	Max WS	T200d09	59.7	58	35.83
D25	Max WS	T100d09	59.54	58	22.31
D25	Max WS	T030d09	59.39	58	13.03
D25	Max WS	T020d09	59.31	58	8.82

D09 ore

D26a	Max WS	T200d09	58.57	51.25	719.74
D26a	Max WS	T100d09	58.09	51.25	536.77
D26a	Max WS	T030d09	57.06	51.25	175.74
D26a	Max WS	T020d09	56.79	51.25	104.03
D26b	Max WS	T200d09	59.64	54.75	661.98
D26b	Max WS	T100d09	59.3	54.75	524.22
D26b	Max WS	T030d09	58.6	54.75	242.24
D26b	Max WS	T020d09	58.3	54.75	135.92
D27a	Max WS	T200d09	57.67	53.25	338.01
D27a	Max WS	T100d09	57.19	53.25	187.69
D27a	Max WS	T030d09	56.54	53.25	28.45
D27a	Max WS	T020d09	56.33	53.25	8.96
D27b	Max WS	T200d09	58.58	55.75	138.22
D27b	Max WS	T100d09	58.38	55.75	97.66
D27b	Max WS	T030d09	57.83	55.75	21.87
D27b	Max WS	T020d09	57.54	55.75	4.04
D28a	Max WS	T200d09	56.28	54.5	83.59
D28a	Max WS	T100d09	55.77	54.5	17.52
D28a	Max WS	T030d09	54.5	54.5	0
D28a	Max WS	T020d09	54.5	54.5	0
D28b	Max WS	T200d09	55.97	52	416.99
D28b	Max WS	T100d09	55.54	52	263.92
D28b	Max WS	T030d09	54.95	52	95.16
D28b	Max WS	T020d09	54.78	52	59.97
D29	Max WS	T200d09	56.93	52	299.88
D29	Max WS	T100d09	56.2	52	173.84
D29	Max WS	T030d09	55.38	52	53.28
D29	Max WS	T020d09	55.04	52	26
D3	Max WS	T200d09	83.24	80.5	1.99
D3	Max WS	T100d09	82.79	80.5	0.74
D3	Max WS	T030d09	80.5	80.5	0
D3	Max WS	T020d09	80.5	80.5	0
D30a	Max WS	T200d09	54.79	50.25	497.58
D30a	Max WS	T100d09	54.5	50.25	425.52
D30a	Max WS	T030d09	52.27	50.25	3.94
D30a	Max WS	T020d09	50.25	50.25	0
D30b	Max WS	T200d09	53.9	50.5	419.46
D30b	Max WS	T100d09	53.49	50.5	273.24
D30b	Max WS	T030d09	50.5	50.5	0
D30b	Max WS	T020d09	50.5	50.5	0
D4	Max WS	T200d09	82.06	80.5	0.74
D4	Max WS	T100d09	80.5	80.5	0

D09 ore

D4	Max WS	T030d09	80.5	80.5	0
D4	Max WS	T020d09	80.5	80.5	0
D5	Max WS	T200d09	81.31	76	25.93
D5	Max WS	T100d09	81.07	76	21.8
D5	Max WS	T030d09	80.53	76	14.27
D5	Max WS	T020d09	80.31	76	11.84
D6a	Max WS	T200d09	80.75	77.25	16.5
D6a	Max WS	T100d09	80.5	77.25	12.75
D6a	Max WS	T030d09	77.25	77.25	0
D6a	Max WS	T020d09	77.25	77.25	0
D6b	Max WS	T200d09	80.54	75.75	3.84
D6b	Max WS	T100d09	78.25	75.75	0.6
D6b	Max WS	T030d09	75.75	75.75	0
D6b	Max WS	T020d09	75.75	75.75	0
D7a	Max WS	T200d09	79.58	76	20.18
D7a	Max WS	T100d09	79.37	76	15.54
D7a	Max WS	T030d09	79.05	76	9.37
D7a	Max WS	T020d09	78.91	76	6.72
D7b	Max WS	T200d09	79.58	75	73.29
D7b	Max WS	T100d09	79.35	75	65.32
D7b	Max WS	T030d09	78.03	75	26.21
D7b	Max WS	T020d09	77.33	75	10.2
D8a	Max WS	T200d09	77.87	73.75	109.46
D8a	Max WS	T100d09	77.52	73.75	84.44
D8a	Max WS	T030d09	76.77	73.75	37.14
D8a	Max WS	T020d09	76.38	73.75	15.86
D8b	Max WS	T200d09	76.39	74.25	68.26
D8b	Max WS	T100d09	76.01	74.25	47.87
D8b	Max WS	T030d09	75.47	74.25	22.11
D8b	Max WS	T020d09	75.03	74.25	5.58
D8c	Max WS	T200d09	76.34	73	12.92
D8c	Max WS	T100d09	75.8	73	7.97
D8c	Max WS	T030d09	75.17	73	2.44
D8c	Max WS	T020d09	74.94	73	0.86
D9	Max WS	T200d09	75.91	74	4.9
D9	Max WS	T100d09	75.53	74	1.76
D9	Max WS	T030d09	74.66	74	0.1
D9	Max WS	T020d09	74	74	0
S1	Max WS	T200d09	90.74	87	72.35
S1	Max WS	T100d09	90.14	87	35.43
S1	Max WS	T030d09	87	87	0
S1	Max WS	T020d09	87	87	0

D09 ore

S10a	Max WS	T200d09	69.39	64.75	401.66
S10a	Max WS	T100d09	69	64.75	309.28
S10a	Max WS	T030d09	68.25	64.75	134.65
S10a	Max WS	T020d09	68.05	64.75	92.04
S10b	Max WS	T200d09	68.72	66.5	57.21
S10b	Max WS	T100d09	68.38	66.5	37.92
S10b	Max WS	T030d09	67.88	66.5	16.68
S10b	Max WS	T020d09	67.75	66.5	12.41
S11a	Max WS	T200d09	68.7	65.5	53.36
S11a	Max WS	T100d09	68.37	65.5	42.14
S11a	Max WS	T030d09	67.87	65.5	25.5
S11a	Max WS	T020d09	67.73	65.5	20.98
S11b	Max WS	T200d09	68.32	63	128.55
S11b	Max WS	T100d09	68.04	63	113.59
S11b	Max WS	T030d09	67.54	63	86.55
S11b	Max WS	T020d09	67.37	63	77.67
S11c	Max WS	T200d09	68.7	66	80.02
S11c	Max WS	T100d09	68.37	66	60
S11c	Max WS	T030d09	67.87	66	34.13
S11c	Max WS	T020d09	67.74	66	28.03
S11d	Max WS	T200d09	68.5	63.25	240.05
S11d	Max WS	T100d09	68.18	63.25	181.36
S11d	Max WS	T030d09	67.62	63.25	96.38
S11d	Max WS	T020d09	67.42	63.25	74.4
S12	Max WS	T200d09	67.21	60.75	173.77
S12	Max WS	T100d09	66.84	60.75	131.76
S12	Max WS	T030d09	66.1	60.75	64.4
S12	Max WS	T020d09	65.89	60.75	50.75
S13a	Max WS	T200d09	65.46	62.25	153.94
S13a	Max WS	T100d09	65.04	62.25	121.93
S13a	Max WS	T030d09	64.01	62.25	51.29
S13a	Max WS	T020d09	63.8	62.25	37.91
S13b	Max WS	T200d09	62.98	58.5	169.74
S13b	Max WS	T100d09	62.58	58.5	124.66
S13b	Max WS	T030d09	61.94	58.5	57.8
S13b	Max WS	T020d09	61.74	58.5	39.42
S14a	Max WS	T200d09	61.65	58	146.67
S14a	Max WS	T100d09	61.36	58	118.22
S14a	Max WS	T030d09	60.75	58	62.18
S14a	Max WS	T020d09	60.57	58	46.5
S14b	Max WS	T200d09	60.37	54.5	118.64
S14b	Max WS	T100d09	60.08	54.5	90.28
S14b	Max WS	T030d09	59.47	54.5	40.03

D09 ore

S14b	Max WS	T020d09	59.22	54.5	24.55
S15	Max WS	T200d09	58.78	52.25	284.37
S15	Max WS	T100d09	58.38	52.25	201.21
S15	Max WS	T030d09	57.59	52.25	62
S15	Max WS	T020d09	57.36	52.25	37.37
S16a	Max WS	T200d09	57.54	52.25	98.12
S16a	Max WS	T100d09	57.27	52.25	81.67
S16a	Max WS	T030d09	56.53	52.25	37.84
S16a	Max WS	T020d09	56.3	52.25	26.22
S16b	Max WS	T200d09	57.03	49.5	186.95
S16b	Max WS	T100d09	56.73	49.5	154.68
S16b	Max WS	T030d09	55.95	49.5	83.28
S16b	Max WS	T020d09	55.68	49.5	62.19
S16c	Max WS	T200d09	56.26	52	621.23
S16c	Max WS	T100d09	56.06	52	565.4
S16c	Max WS	T030d09	55.29	52	359.64
S16c	Max WS	T020d09	54.87	52	253.73
S17	Max WS	T200d09	53.26	50	664.91
S17	Max WS	T100d09	52.12	50	246.76
S17	Max WS	T030d09	50	50	0
S17	Max WS	T020d09	50	50	0
S2a	Max WS	T200d09	89.72	82.75	23.19
S2a	Max WS	T100d09	89.32	82.75	11.98
S2a	Max WS	T030d09	82.75	82.75	0
S2a	Max WS	T020d09	82.75	82.75	0
S2b	Max WS	T200d09	89.08	85	72.36
S2b	Max WS	T100d09	88.55	85	46.9
S2b	Max WS	T030d09	87.5	85	11.12
S2b	Max WS	T020d09	86.94	85	2.57
S2c	Max WS	T200d09	85.64	83.75	13
S2c	Max WS	T100d09	85.14	83.75	3.97
S2c	Max WS	T030d09	83.75	83.75	0
S2c	Max WS	T020d09	83.75	83.75	0
S2d	Max WS	T200d09	87.74	83.75	29.1
S2d	Max WS	T100d09	87.41	83.75	19.83
S2d	Max WS	T030d09	83.75	83.75	0
S2d	Max WS	T020d09	83.75	83.75	0
S3a	Max WS	T200d09	85.27	80.25	494.98
S3a	Max WS	T100d09	84.76	80.25	360.69
S3a	Max WS	T030d09	80.5	80.25	9.66
S3a	Max WS	T020d09	80.25	80.25	0
S3b	Max WS	T200d09	83.85	80.25	95.74

D09 ore

S3b	Max WS	T100d09	83.4	80.25	50.88
S3b	Max WS	T030d09	82.73	80.25	12.77
S3b	Max WS	T020d09	80.25	80.25	0
S4a	Max WS	T200d09	81.31	79	2.78
S4a	Max WS	T100d09	79	79	0
S4a	Max WS	T030d09	79	79	0
S4a	Max WS	T020d09	79	79	0
S4b	Max WS	T200d09	79.93	75	244.51
S4b	Max WS	T100d09	79.61	75	164.9
S4b	Max WS	T030d09	79.02	75	52.64
S4b	Max WS	T020d09	78.9	75	38.01
S4c	Max WS	T200d09	82	82	0
S4c	Max WS	T100d09	82	82	0
S4c	Max WS	T030d09	82	82	0
S4c	Max WS	T020d09	82	82	0
S4d	Max WS	T200d09	79.93	79	0.77
S4d	Max WS	T100d09	79.61	79	0.51
S4d	Max WS	T030d09	79.02	79	0.02
S4d	Max WS	T020d09	79	79	0
S5a	Max WS	T200d09	79.33	74.5	971.38
S5a	Max WS	T100d09	78.86	74.5	707.94
S5a	Max WS	T030d09	78.19	74.5	369.59
S5a	Max WS	T020d09	77.96	74.5	278.53
S5b	Max WS	T200d09	79.33	76	46.01
S5b	Max WS	T100d09	78.86	76	25.9
S5b	Max WS	T030d09	78.19	76	8.4
S5b	Max WS	T020d09	77.96	76	5.48
S6a	Max WS	T200d09	78.39	74.25	221.02
S6a	Max WS	T100d09	78.04	74.25	187.49
S6a	Max WS	T030d09	77.55	74.25	141.61
S6a	Max WS	T020d09	77.34	74.25	121.87
S6b	Max WS	T200d09	76.84	73	182.71
S6b	Max WS	T100d09	76.43	73	133.63
S6b	Max WS	T030d09	75.64	73	54.01
S6b	Max WS	T020d09	75.37	73	34.47
S6c	Max WS	T200d09	77.54	73.5	131.48
S6c	Max WS	T100d09	77.16	73.5	106.59
S6c	Max WS	T030d09	76.63	73.5	71.9
S6c	Max WS	T020d09	76.35	73.5	54.31
S7a	Max WS	T200d09	75.81	67.5	250.97
S7a	Max WS	T100d09	75.42	67.5	188.77
S7a	Max WS	T030d09	74.85	67.5	105.44
S7a	Max WS	T020d09	74.58	67.5	75.28

D09 ore

S7b	Max WS	T200d09	74.47	70	42.42
S7b	Max WS	T100d09	74.15	70	28.82
S7b	Max WS	T030d09	73.61	70	7.51
S7b	Max WS	T020d09	72.67	70	0.32
S8	Max WS	T200d09	74.07	66	186.06
S8	Max WS	T100d09	73.62	66	134.42
S8	Max WS	T030d09	72.87	66	58.37
S8	Max WS	T020d09	72.19	66	11.64
S9a	Max WS	T200d09	72.55	67.75	66.97
S9a	Max WS	T100d09	72.25	67.75	48.94
S9a	Max WS	T030d09	71.74	67.75	21.18
S9a	Max WS	T020d09	70.57	67.75	1.01
S9b	Max WS	T200d09	72.18	66.25	240.26
S9b	Max WS	T100d09	71.88	66.25	191.66
S9b	Max WS	T030d09	71.21	66.25	90.41
S9b	Max WS	T020d09	69.65	66.25	1.22
S9c	Max WS	T200d09	71.97	65	97.56
S9c	Max WS	T100d09	71.69	65	82.45
S9c	Max WS	T030d09	69.72	65	4.33
S9c	Max WS	T020d09	65	65	0

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	624.34	91.25		92.22	84.18	0.005002	4.37	142.80	3.46	0.72
Elsa	Poggi_Castelfior	357.2	Max WS	624.34	91.25		92.21	84.15	0.004887	4.34	143.93	3.48	0.71
Elsa	Poggi_Castelfior	357	Max WS	624.23	91.45		91.61	84.25	0.000753	1.78	350.70	3.72	0.29
Elsa	Poggi_Castelfior	356	Max WS	624.12	91.35		91.53	84.60	0.000857	1.88	331.68	3.67	0.31
Elsa	Poggi_Castelfior	355	Max WS	624.12	91.16		91.36	83.39	0.000889	1.97	316.57	3.83	0.31
Elsa	Poggi_Castelfior	354	Max WS	624.03	91.01		91.31	83.34	0.001335	2.44	255.96	3.88	0.39
Elsa	Poggi_Castelfior	353.9	Max WS	624.04	91.04	88.10	91.29	83.17	0.000992	2.22	281.50	4.20	0.33
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	353.1	Max WS	624.04	91.02		91.27	83.17	0.001008	2.23	280.00	4.19	0.34
Elsa	Poggi_Castelfior	353	Max WS	624.04	91.01		91.26	82.70	0.000912	2.23	279.53	4.52	0.32
Elsa	Poggi_Castelfior	352	Max WS	624.05	91.03		91.21	82.60	0.000677	1.88	331.44	4.38	0.28
Elsa	Poggi_Castelfior	351	Max WS	624.04	90.86		91.02	81.90	0.001411	2.66	234.95	4.23	0.39
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	611.69	90.45		90.89	82.08	0.001444	2.97	213.59	4.35	0.40
Elsa	Poggi_Castelfior	350.33	Max WS	600.26	90.34		90.77	81.63	0.001458	2.93	207.43	4.47	0.39
Elsa	Poggi_Castelfior	350	Max WS	623.43	90.19		90.64	81.70	0.001882	2.97	211.14	3.86	0.45
Elsa	Poggi_Castelfior	349	Max WS	793.58	89.77		90.30	81.40	0.001577	3.23	251.00	4.63	0.43
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	789.81	89.76		90.29	81.40	0.001568	3.22	250.64	4.62	0.43
Elsa	Poggi_Castelfior	348.5	Max WS	793.52	89.21		89.88	81.24	0.002359	3.71	235.16	3.19	0.51
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	786.82	88.96		89.67	80.83	0.003044	3.76	224.10	1.90	0.57
Elsa	Poggi_Castelfior	347.5	Max WS	780.44	89.16		89.37	79.61	0.000697	2.30	466.91	2.87	0.26
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	752.57	88.80		89.17	80.40	0.001431	2.69	290.77	3.44	0.40
Elsa	Poggi_Castelfior	346.5	Max WS	734.33	88.92		88.98	79.50	0.000203	1.11	677.99	4.47	0.16
Elsa	Poggi_Castelfior	346	Max WS	656.49	88.86		88.96	79.51	0.000389	1.35	487.42	3.81	0.21
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	626.94	88.78		88.90	79.47	0.000530	1.55	415.30	3.65	0.24
Elsa	Poggi_Castelfior	345	Max WS	792.35	87.94		88.58	78.83	0.002702	3.54	228.61	3.58	0.54
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	781.38	87.75		88.25	79.03	0.002296	3.16	247.32	3.81	0.49
Elsa	Poggi_Castelfior	344	Max WS	791.43	87.16		88.03	79.80	0.004757	4.13	191.66	3.30	0.70
Elsa	Poggi_Castelfior	343	Max WS	792.55	86.54		87.12	77.80	0.002578	3.39	236.80	3.59	0.53
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	725.82	85.97		86.48	77.80	0.002177	3.14	234.29	3.47	0.49
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	774.83	85.58		86.00	77.00	0.001303	2.88	272.38	4.24	0.38
Elsa	Poggi_Castelfior	341.5	Max WS	774.83	85.58		85.99	77.00	0.001292	2.83	275.21	4.68	0.38
Elsa	Poggi_Castelfior	341.4	Max WS	774.67	85.51		85.97	77.00	0.001445	2.99	262.92	4.21	0.40
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	695.65	85.41		85.61	77.30	0.000744	2.01	357.93	3.80	0.29
Elsa	Poggi_Castelfior	340	Max WS	660.51	85.41		85.54	77.70	0.000509	1.61	410.62	4.29	0.24
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	644.12	85.30		85.52	76.80	0.000912	2.10	382.80	3.94	0.32
Elsa	Poggi_Castelfior	338	Max WS	689.17	83.98		84.64	75.80	0.003016	3.61	229.16	3.58	0.57
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	701.47	83.76		84.09	75.60	0.001469	2.54	276.71	3.83	0.40
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	727.28	83.40		83.80	75.60	0.001385	2.81	265.39	4.11	0.40
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	739.02	83.28		83.59	74.60	0.001062	2.48	297.54	4.74	0.34
Elsa	Poggi_Castelfior	334	Max WS	793.29	82.54		82.98	74.40	0.003282	3.05	280.47	2.31	0.57
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	793.26	82.05		82.48	74.60	0.001836	3.06	316.28	4.09	0.46
Elsa	Poggi_Castelfior	333	Max WS	793.26	81.97		82.34	74.60	0.001557	2.85	545.33	4.12	0.42
Elsa	Poggi_Castelfior	332.5	Max WS	793.22	81.86		82.23	74.49	0.001951	2.74	530.06	3.58	0.41
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	792.99	81.65		82.04	74.29	0.001625	2.90	535.41	4.07	0.43
Elsa	Poggi_Castelfior	332	Max WS	791.96	81.83		81.99	74.20	0.000739	1.82	435.25	3.88	0.29
Elsa	Poggi_Castelfior	331	Max WS	788.72	81.55	78.30	81.94	73.50	0.001052	2.79	283.97	5.36	0.36
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	788.64	81.50		81.89	73.50	0.001153	2.75	286.47	5.20	0.36
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	783.29	81.07		81.83	73.65	0.002700	3.86	203.81	4.20	0.55
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	778.85	81.32		81.74	72.60	0.001824	2.88	270.60	3.94	0.44
Elsa	Poggi_Castelfior	328	Max WS	750.35	81.08		81.50	72.60	0.001738	2.87	261.80	3.85	0.44
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	748.81	80.92		81.43	72.60	0.002323	3.16	236.73	3.78	0.50
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	742.42	80.34		80.84	72.50	0.002830	3.12	237.97	3.20	0.54
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	695.45	79.87		80.18	72.20	0.001446	2.49	279.74	3.76	0.40
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	500.68	79.72		80.12	72.30	0.002079	2.80	178.66	3.43	0.47
Elsa	Poggi_Castelfior	323.857*	Max WS	500.71	79.66		80.04	72.31	0.002001	2.73	183.73	3.38	0.46
Elsa	Poggi_Castelfior	323.714*	Max WS	495.53	79.62		79.96	72.31	0.001835	2.60	190.32	3.37	0.44
Elsa	Poggi_Castelfior	323.571*	Max WS	448.50	79.71		79.95	72.32	0.001241	2.19	204.58	3.49	0.36
Elsa	Poggi_Castelfior	323.428*	Max WS	441.59	79.69		79.91	72.33	0.001082	2.07	213.32	3.53	0.34
Elsa	Poggi_Castelfior	323.285*	Max WS	429.07	79.69		79.88	72.34	0.000924	1.92	223.25	3.58	0.32
Elsa	Poggi_Castelfior	323.142*	Max WS	409.13	79.71		79.86	72.34	0.000729	1.75	234.41	3.64	0.28
Elsa	Poggi_Castelfior	323	Max WS	379.85	79.73		79.85	72.35	0.000564	1.54	246.78	3.71	0.25
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	517.53	79.06		79.27	72.32	0.001757	2.07	250.02	2.47	0.42
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	516.26	78.61		78.91	72.30	0.001772	2.41	213.80	3.09	0.43
Elsa	Poggi_Castelfior	320.99		Lat Struct									

HEC-RAS Plan: T200d12 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	521.11	78.06		78.47	71.80	0.002922	2.85	182.92	2.72	0.54
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	373.47	77.59		77.85	71.60	0.001119	2.29	176.98	3.11	0.35
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	577.46	76.96		77.26	71.20	0.001128	2.44	237.58	4.04	0.36
Elsa	Poggi_Castellior	317.6	Max WS	583.40	77.01		77.25	71.20	0.000870	2.16	273.63	4.06	0.32
Elsa	Poggi_Castellior	317.56	Max WS	591.52	76.97		77.22	71.20	0.001070	2.24	265.72	3.84	0.33
Elsa	Poggi_Castellior	317.54	Max WS	591.53	76.95		77.21	71.20	0.001080	2.24	265.84	3.76	0.33
Elsa	Poggi_Castellior	317.5	Max WS	591.54	76.95		77.20	71.20	0.000989	2.24	266.16	4.00	0.34
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	580.51	76.96		77.20	71.20	0.000911	2.16	269.59	4.09	0.32
Elsa	Poggi_Castellior	317.32*	Max WS	560.34	76.94		77.19	71.17	0.000995	2.22	252.96	4.02	0.34
Elsa	Poggi_Castellior	317.24*	Max WS	543.67	76.90		77.17	71.14	0.001129	2.31	235.47	3.91	0.36
Elsa	Poggi_Castellior	317.16*	Max WS	529.85	76.85		77.16	71.12	0.001338	2.44	217.00	3.78	0.39
Elsa	Poggi_Castellior	317.08*	Max WS	517.29	76.78		77.13	71.09	0.001657	2.62	197.51	3.63	0.43
Elsa	Poggi_Castellior	317	Max WS	508.59	76.66		77.09	71.06	0.002257	2.89	175.83	3.38	0.49
Elsa	Poggi_Castellior	316.5*	Max WS	508.60	76.69		77.03	71.14	0.001809	2.57	197.92	3.48	0.43
Elsa	Poggi_Castellior	316	Max WS	520.04	76.53	75.07	76.95	71.22	0.002199	2.86	183.52	3.08	0.48
Elsa	Poggi_Castellior	315.5		Ini Struct									
Elsa	Poggi_Castellior	315	Max WS	519.93	76.06		76.10	67.50	0.000108	0.93	560.72	5.98	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	572.22	75.95		76.08	67.40	0.000373	1.58	363.55	5.11	0.21
Elsa	Poggi_Castellior	313	Max WS	572.20	75.85		76.07	67.30	0.000798	2.08	288.63	4.48	0.30
Elsa	Poggi_Castellior	312.9	Max WS	572.21	75.85	72.00	76.07	67.30	0.000779	2.08	288.75	4.45	0.30
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	572.20	75.78		76.05	67.30	0.000821	2.32	251.63	4.65	0.30
Elsa	Poggi_Castellior	312	Max WS	572.19	75.78		76.05	67.30	0.000821	2.32	251.81	4.65	0.30
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	578.16	75.56		76.01	67.30	0.001777	2.96	195.62	4.10	0.44
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	584.97	75.48		75.88	67.06	0.001551	2.80	209.18	4.26	0.41
Elsa	Poggi_Castellior	310.6*	Max WS	595.65	75.39		75.75	66.82	0.001372	2.66	223.93	4.26	0.39
Elsa	Poggi_Castellior	310.4*	Max WS	580.55	75.39		75.68	66.58	0.001058	2.39	243.04	4.40	0.35
Elsa	Poggi_Castellior	310.2*	Max WS	534.20	75.45		75.65	66.34	0.000706	2.01	266.17	4.58	0.28
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	512.64	75.45		75.61	66.10	0.000537	1.78	287.43	4.70	0.25
Elsa	Poggi_Castellior	309.8*	Max WS	556.92	75.34		75.53	65.92	0.000692	1.93	288.07	4.57	0.27
Elsa	Poggi_Castellior	309.6*	Max WS	648.00	75.12		75.40	65.74	0.001104	2.31	280.21	4.30	0.34
Elsa	Poggi_Castellior	309.4*	Max WS	772.71	74.69		75.15	65.56	0.002227	3.01	256.51	3.93	0.47
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	763.91	74.50		74.99	65.38	0.002415	3.08	247.75	3.83	0.49
Elsa	Poggi_Castellior	309	Max WS	729.67	74.42		74.87	65.20	0.002009	2.97	245.38	3.85	0.47
Elsa	Poggi_Castellior	308.8*	Max WS	727.20	74.29		74.73	65.16	0.002256	2.96	246.04	3.78	0.47
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	715.08	74.18		74.61	65.12	0.002203	2.89	247.53	3.67	0.47
Elsa	Poggi_Castellior	308.4*	Max WS	678.29	74.16		74.52	65.08	0.001827	2.67	254.46	3.60	0.43
Elsa	Poggi_Castellior	308.2*	Max WS	646.80	74.13		74.44	65.04	0.001583	2.48	261.26	3.58	0.40
Elsa	Poggi_Castellior	308	Max WS	620.36	74.10		74.37	65.00	0.001321	2.32	267.71	3.57	0.38
Elsa	Poggi_Castellior	307.75*	Max WS	597.53	74.10		74.33	64.75	0.001052	2.08	287.01	3.76	0.33
Elsa	Poggi_Castellior	307.5*	Max WS	571.70	74.11		74.29	64.50	0.000824	1.90	301.68	3.92	0.30
Elsa	Poggi_Castellior	307.25*	Max WS	542.81	74.11		74.26	64.25	0.000728	1.75	311.03	4.01	0.27
Elsa	Poggi_Castellior	307	Max WS	517.80	74.08		74.24	64.00	0.000531	1.76	297.98	4.47	0.25
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	495.58	74.02		74.22	63.80	0.000663	1.97	257.33	4.27	0.27
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	530.92	73.86		74.02	64.00	0.001178	2.66	208.02	3.85	0.36
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	580.46	73.30		73.74	63.74	0.001505	2.96	203.61	3.77	0.40
Elsa	Poggi_Castellior	304	Max WS	658.51	73.21		73.48	63.40	0.000792	2.29	291.31	4.83	0.31
Elsa	Poggi_Castellior	303.7	Max WS	750.90	72.74	70.23	73.25	63.80	0.001699	3.17	238.50	4.48	0.45
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	750.85	72.71		73.23	63.80	0.001724	3.18	237.40	4.46	0.45
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	697.64	72.48		73.00	63.80	0.001879	3.18	220.63	4.26	0.46
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	631.53	72.40		72.64	63.00	0.001115	2.17	291.39	3.72	0.34
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	527.38	71.97		72.29	63.00	0.001100	2.55	224.73	3.59	0.35
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	501.72	71.61		71.97	62.70	0.001440	2.67	188.32	4.10	0.39
Elsa	Poggi_Castellior	299.5	Max WS	518.10	71.67		71.75	61.57	0.000215	1.19	434.81	5.21	0.16
Elsa	Poggi_Castellior	299	Max WS	730.54	70.99		71.43	61.30	0.002199	2.98	256.49	3.20	0.48
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	706.66	70.67		71.14	61.20	0.001707	3.07	337.68	3.66	0.44
Elsa	Poggi_Castellior	298.62	Max WS	720.18	70.72		71.01	61.50	0.000750	2.45	432.42	4.70	0.31
Elsa	Poggi_Castellior	298.61	Max WS	718.75	70.78		70.98	61.50	0.000491	2.00	437.42	5.09	0.24
Elsa	Poggi_Castellior	298.6	Max WS	718.72	70.77		70.97	61.50	0.000722	2.02	360.40	4.24	0.28
Elsa	Poggi_Castellior	298.4	Max WS	718.71	70.76		70.97	61.50	0.000726	2.02	359.74	4.23	0.28
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	713.13	70.76		70.96	61.50	0.000607	1.98	362.51	4.92	0.26
Elsa	Poggi_Castellior	298.09	Max WS	648.48	70.60		70.86	60.57	0.001070	2.26	289.19	3.92	0.34
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	766.09	70.32		70.58	62.50	0.001215	2.25	340.06	3.70	0.37
Elsa	Poggi_Castellior	297.98		Lat Struct									

HEC-RAS Plan: T200d12 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	296.18		Lat Struct									
Elsa	Poggi_Castelfior	296	Max WS	774.25	69.52		70.10	61.70	0.002637	3.37	229.76	3.78	0.53
Elsa	Poggi_Castelfior	295.99		Lat Struct									
Elsa	Poggi_Castelfior	295	Max WS	596.66	69.43		69.79	61.20	0.001353	2.66	225.57	4.19	0.39
Elsa	Poggi_Castelfior	294.19		Lat Struct									
Elsa	Poggi_Castelfior	294	Max WS	699.99	68.51		69.04	62.20	0.002645	3.23	216.61	3.51	0.54
Elsa	Poggi_Castelfior	293.98		Lat Struct									
Elsa	Poggi_Castelfior	293.59		Lat Struct									
Elsa	Poggi_Castelfior	293	Max WS	576.08	68.46		68.64	61.90	0.000941	1.87	308.37	3.68	0.31
Elsa	Poggi_Castelfior	292	Max WS	427.52	68.26		68.53	61.90	0.001379	2.29	186.37	3.46	0.38
Elsa	Poggi_Castelfior	291.75*	Max WS	418.55	68.26		68.48	61.93	0.001289	2.07	202.63	3.49	0.34
Elsa	Poggi_Castelfior	291.5*	Max WS	410.47	68.26		68.44	61.95	0.001028	1.86	220.76	3.53	0.31
Elsa	Poggi_Castelfior	291.25*	Max WS	403.65	68.26		68.40	61.97	0.000817	1.68	240.99	3.59	0.27
Elsa	Poggi_Castelfior	291	Max WS	396.89	68.26		68.37	62.00	0.000550	1.51	263.55	3.66	0.24
Elsa	Poggi_Castelfior	290.98		Lat Struct									
Elsa	Poggi_Castelfior	290.49		Lat Struct									
Elsa	Poggi_Castelfior	290	Max WS	534.41	67.44		67.86	61.90	0.002528	2.86	187.01	3.00	0.51
Elsa	Poggi_Castelfior	289	Max WS	536.63	66.71		67.33	61.80	0.004598	3.50	153.24	2.64	0.67
Elsa	Poggi_Castelfior	288	Max WS	538.11	66.97		67.19	62.00	0.001712	2.08	258.64	2.53	0.41
Elsa	Poggi_Castelfior	287.6	Max WS	538.01	66.95	65.65	67.17	62.00	0.001744	2.09	257.27	2.52	0.41
Elsa	Poggi_Castelfior	287.5		Inl Struct									
Elsa	Poggi_Castelfior	287.4	Max WS	537.77	66.83		66.85	58.70	0.000143	0.75	715.68	3.54	0.13
Elsa	Poggi_Castelfior	286.99		Lat Struct									
Elsa	Poggi_Castelfior	286	Max WS	586.82	66.82		66.84	58.00	0.000091	0.68	878.30	4.16	0.10
Elsa	Poggi_Castelfior	285.99		Lat Struct									
Elsa	Poggi_Castelfior	285.98		Lat Struct									
Elsa	Poggi_Castelfior	285	Max WS	706.61	66.61		66.78	58.90	0.001096	1.86	379.65	3.00	0.34
Elsa	Poggi_Castelfior	283	Max WS	738.10	66.33		66.59	58.60	0.001544	2.27	359.80	3.12	0.40
Elsa	Poggi_Castelfior	282	Max WS	726.00	66.20		66.52	58.50	0.001778	2.49	352.45	3.23	0.43
Elsa	Poggi_Castelfior	281.9	Max WS	717.98	66.16	64.63	66.49	58.50	0.001831	2.56	346.37	3.29	0.44
Elsa	Poggi_Castelfior	281.5		Bridge									
Elsa	Poggi_Castelfior	281.1	Max WS	730.95	66.28		66.44	58.80	0.000565	1.79	408.93	4.64	0.26
Elsa	Poggi_Castelfior	281	Max WS	730.44	66.27		66.43	58.80	0.000566	1.79	408.39	4.64	0.26
Elsa	Poggi_Castelfior	280	Max WS	727.43	66.24		66.40	58.00	0.000577	1.74	417.82	4.39	0.26
Elsa	Poggi_Castelfior	279.99		Lat Struct									
Elsa	Poggi_Castelfior	279.98		Lat Struct									
Elsa	Poggi_Castelfior	277.58		Lat Struct									
Elsa	Poggi_Castelfior	277.1	Max WS	693.92	66.19		66.38	58.00	0.000606	1.93	361.49	4.70	0.27
Elsa	Poggi_Castelfior	277	Max WS	692.76	66.19		66.38	58.00	0.000604	1.93	361.53	4.70	0.27
Elsa	Poggi_Castelfior	276	Max WS	650.94	66.03		66.32	57.60	0.001086	2.36	275.43	4.32	0.35
Elsa	Poggi_Castelfior	275.99		Lat Struct									
Elsa	Poggi_Castelfior	275	Max WS	628.77	65.80		66.22	57.88	0.001726	2.88	218.45	3.96	0.43
Elsa	Poggi_Castelfior	273	Max WS	611.48	65.61		65.89	57.39	0.001134	2.33	261.91	4.11	0.35
Elsa	Poggi_Castelfior	272	Max WS	603.44	65.57		65.76	56.94	0.000773	1.92	313.82	4.09	0.30
Elsa	Poggi_Castelfior	271	Max WS	804.77	64.87		65.25	56.54	0.001826	2.74	293.43	3.66	0.44
Elsa	Poggi_Castelfior	270.99		Lat Struct									
Elsa	Poggi_Castelfior	270	Max WS	776.21	64.71		65.02	56.53	0.001397	2.49	311.19	3.88	0.39
Elsa	Poggi_Castelfior	269	Max WS	759.57	64.41		64.81	54.36	0.001632	2.80	271.75	4.10	0.42
Elsa	Poggi_Castelfior	268	Max WS	745.96	63.89		64.31	54.91	0.002195	2.88	258.61	3.44	0.48
Elsa	Poggi_Castelfior	267.98		Lat Struct									
Elsa	Poggi_Castelfior	267	Max WS	745.93	63.64		64.06	54.27	0.001848	2.88	259.36	3.89	0.44
Elsa	Poggi_Castelfior	266	Max WS	745.93	63.51		63.88	54.22	0.001422	2.67	279.37	4.24	0.39
Elsa	Poggi_Castelfior	265	Max WS	745.93	63.48		63.76	54.36	0.001230	2.33	319.56	3.86	0.37
Elsa	Poggi_Castelfior	264	Max WS	740.71	63.17		63.54	53.78	0.001738	2.70	274.09	3.71	0.42
Elsa	Poggi_Castelfior	263.99		Lat Struct									
Elsa	Poggi_Castelfior	263	Max WS	806.53	62.60		62.95	52.82	0.001965	2.64	305.82	3.27	0.45
Elsa	Poggi_Castelfior	262.59		Lat Struct									
Elsa	Poggi_Castelfior	262	Max WS	723.66	62.18		62.56	52.86	0.001736	2.71	266.93	3.74	0.43
Elsa	Poggi_Castelfior	261	Max WS	612.94	62.00		62.31	52.58	0.001494	2.48	247.20	3.66	0.40
Elsa	Poggi_Castelfior	260.833*	Max WS	612.93	61.96		62.27	52.66	0.001434	2.44	250.87	3.69	0.39
Elsa	Poggi_Castelfior	260.666*	Max WS	612.94	61.93		62.22	52.75	0.001397	2.41	254.61	3.68	0.39
Elsa	Poggi_Castelfior	260.5*	Max WS	612.94	61.89		62.18	52.83	0.001362	2.37	258.54	3.66	0.38
Elsa	Poggi_Castelfior	260.333*	Max WS	612.93	61.86		62.13	52.92	0.001322	2.33	262.53	3.66	0.38
Elsa	Poggi_Castelfior	260.166*	Max WS	612.93	61.82		62.09	53.01	0.001277	2.30	266.60	3.67	0.37
Elsa	Poggi_Castelfior	260	Max WS	612.94	61.79		62.05	53.09	0.001237	2.26	270.73	3.68	0.37
Elsa	Poggi_Castelfior	259.99		Lat Struct									
Elsa	Poggi_Castelfior	259.59		Lat Struct									
Elsa	Poggi_Castelfior	259	Max WS	723.73	60.83		61.30	51.64	0.002362	3.04	237.75	3.53	0.49
Elsa	Poggi_Castelfior	258	Max WS	665.21	60.63		61.03	51.94	0.001785	2.78	239.12	3.80	0.44
Elsa	Poggi_Castelfior	257	Max WS	623.44	60.41		60.77	50.99	0.001580	2.69	231.75	3.96	0.40
Elsa	Poggi_Castelfior	256.98		Lat Struct									
Elsa	Poggi_Castelfior	256.88		Lat Struct									
Elsa	Poggi_Castelfior	256	Max WS	520.48	60.36		60.69	51.39	0.001470	2.54	205.11	3.83	0.39
Elsa	Poggi_Castelfior	255	Max WS	477.92	60.28		60.52	50.78	0.000996	2.18	221.33	3.80	0.33
Elsa	Poggi_Castelfior	254	Max WS	497.96	60.09		60.41	51.95	0.001374	2.50	200.09	3.72	0.38
Elsa	Poggi_Castelfior	253.7	Max WS	574.77	59.72		60.11	51.50	0.001859	2.77	207.32	3.67	0.43
Elsa	Poggi_Castelfior	253.49		Lat Struct									
Elsa	Poggi_Castelfior	253.3	Max WS	553.68	59.49		59.83	51.30	0.001713	2.57	215.13	3.49	0.41
Elsa	Poggi_Castelfior	253	Max WS	579.81	59.02		59.46	51.63	0.002043	2.95	201.70	3.29	0.47
Elsa	Poggi_Castelfior	252.98		Lat Struct									
Elsa	Poggi_Castelfior	252	Max WS	503.58	58.75		59.15	50.91	0.001648	2.78	181.35	3.93	0.41
Elsa	Poggi_Castelfior	251	Max WS	393.93	58.76		58.95	51.06	0.000840	1.95	204.17	3.59	0.30
Elsa	Poggi_Castelfior	250	Max WS	326.97	58.66		58.87	50.57	0.000971	2.04	161.55	3.52	0.31
Elsa	Poggi_Castelfior	249	Max WS	289.66	58.66		58.77	50.30	0.000336	1.49	230.31	5.19	0.20
Elsa	Poggi_Castelfior	248.5*	Max WS	287.11	58.64		58.76	50.15	0.000427	1.55	229.30	5.22	0.20
Elsa	Poggi_Castelfior	248	Max WS	288.95	58.62		58.75	49.99	0.000338	1.55	250.66	5.50	0.19
Elsa	Poggi_Castelfior	247.666*	Max WS	293.19	58.62		58.73	49.82	0.000287	1.50	228.91	5.44	0.19
Elsa	Poggi_Castelfior	247.333*	Max WS	302.39	58.59		58.71	49.64	0.000349	1.56	207.35	4.96	0.20
Elsa	Poggi_Castelfior	247	Max WS	330.35	58.49		58.66	49.47	0.000635	1.82	184.08	4.03	0.25
Elsa	Poggi_Castelfior	246.833*	Max WS	335.36	58.49		58.64	49.43	0.000489	1.71	204.06	4.48	0.23
Elsa	Poggi_Castelfior	246.666*	Max WS	341.11	58.48		58.62	49.38	0.000442	1.64	222.05	4.62	0.22
Elsa	Poggi_Castelfior	246.5*	Max WS	350.64	58.46		58.60	49.33	0.000434	1.61	238.08	4.66	0.22
Elsa	Poggi_Castelfior	246.333*	Max WS	364.90	58.44		58.57	49.29	0.000455	1.63	252.13	4.76	0.23
Elsa	Poggi_Castelfior	246.166*	Max WS	387.78	58.39		58.54	49.25	0.000522	1.71	263.59	4.61	0.24

HEC-RAS Plan: T200d12 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	422.65	58.31		58.49	49.20	0.000665	1.87	271.16	4.38	0.27
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	423.92	58.31		58.49	49.20	0.000671	1.87	270.97	4.38	0.27
Elsa	Poggi_Castelfior	244	Max WS	619.94	57.57		57.98	49.36	0.001586	2.83	219.15	4.26	0.41
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	582.78	57.55		57.96	49.36	0.001211	2.47	237.02	4.07	0.37
Elsa	Poggi_Castelfior	242	Max WS	548.86	57.49		57.68	48.45	0.000639	1.91	288.46	4.47	0.27
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	577.13	57.08		57.42	48.42	0.001287	2.57	224.44	4.32	0.37
Elsa	Poggi_Castelfior	240.857*	Max WS	568.05	57.06		57.40	48.39	0.001294	2.56	221.83	4.28	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	559.42	57.04		57.37	48.36	0.001274	2.53	221.00	4.25	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	551.63	57.03		57.34	48.33	0.001231	2.49	221.93	4.25	0.36
Elsa	Poggi_Castelfior	240.428*	Max WS	544.06	57.02		57.32	48.31	0.001161	2.42	224.70	4.26	0.35
Elsa	Poggi_Castelfior	240.285*	Max WS	535.99	57.02		57.30	48.28	0.001067	2.34	229.38	4.31	0.34
Elsa	Poggi_Castelfior	240.142*	Max WS	525.39	57.03		57.28	48.25	0.000947	2.23	236.12	4.37	0.32
Elsa	Poggi_Castelfior	240	Max WS	508.65	57.05		57.27	48.22	0.000800	2.08	245.13	4.47	0.29
Elsa	Poggi_Castelfior	239	Max WS	697.99	56.53		56.92	47.84	0.001258	2.76	252.83	4.89	0.37
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	653.63	56.28		56.72	48.07	0.001929	2.91	224.98	3.76	0.46
Elsa	Poggi_Castelfior	237	Max WS	656.44	56.16		56.58	48.60	0.001823	2.86	229.25	3.91	0.45
Elsa	Poggi_Castelfior	236	Max WS	654.85	56.27		56.56	48.21	0.001130	2.36	277.00	4.20	0.35
Elsa	Poggi_Castelfior	235	Max WS	648.68	56.22		56.52	47.79	0.001363	2.44	265.46	3.83	0.38
Elsa	Poggi_Castelfior	234	Max WS	639.96	56.25		56.48	47.30	0.000975	2.12	301.50	3.99	0.32
Elsa	Poggi_Castelfior	233	Max WS	563.03	56.21		56.37	48.23	0.000576	1.73	326.52	4.23	0.26
Elsa	Poggi_Castelfior	232	Max WS	571.89	55.25		55.78	48.71	0.003707	3.24	176.28	2.77	0.61
Elsa	Poggi_Castelfior	231	Max WS	618.25	54.95		55.20	47.01	0.001239	2.22	278.09	3.57	0.36
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	594.08	54.65		54.95	46.02	0.001553	2.40	248.12	3.31	0.40
Elsa	Poggi_Castelfior	228	Max WS	661.29	54.46		54.68	46.35	0.000753	2.07	319.00	4.67	0.30
Elsa	Poggi_Castelfior	227	Max WS	741.90	54.30		54.49	45.96	0.000655	1.92	386.54	4.47	0.28
Elsa	Poggi_Castelfior	226	Max WS	523.61	53.70		53.90	45.51	0.000934	1.96	267.73	3.64	0.32

HEC-RAS Plan: T100d12 Locations: User Defined Profile: Max WS

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	514.40	90.73		91.61	84.18	0.005102	4.16	123.73	3.16	0.71
Elsa	Poggi_Castelfior	357.2	Max WS	514.38	90.73		91.60	84.15	0.004981	4.12	124.77	3.18	0.71
Elsa	Poggi_Castelfior	357	Max WS	514.43	90.86		91.01	84.25	0.000737	1.72	299.95	3.57	0.29
Elsa	Poggi_Castelfior	356	Max WS	514.34	90.75		90.92	84.60	0.000973	1.83	280.64	3.21	0.32
Elsa	Poggi_Castelfior	355	Max WS	514.32	90.55		90.73	83.39	0.001010	1.92	268.48	3.33	0.33
Elsa	Poggi_Castelfior	354	Max WS	514.31	90.39		90.68	83.34	0.001416	2.35	218.45	3.52	0.39
Elsa	Poggi_Castelfior	353.9	Max WS	514.31	90.43	87.68	90.66	83.17	0.001030	2.11	243.79	3.79	0.34
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	353.1	Max WS	514.31	90.41		90.64	83.17	0.001047	2.12	242.37	3.78	0.34
Elsa	Poggi_Castelfior	353	Max WS	514.32	90.41		90.63	82.70	0.000900	2.10	245.39	4.16	0.32
Elsa	Poggi_Castelfior	352	Max WS	514.33	90.41		90.57	82.60	0.000702	1.78	288.44	3.93	0.28
Elsa	Poggi_Castelfior	351	Max WS	514.30	90.05		90.38	81.90	0.001446	2.51	204.88	3.82	0.39
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	512.59	89.83		90.23	82.08	0.001470	2.83	186.97	3.96	0.40
Elsa	Poggi_Castelfior	350.33	Max WS	507.62	89.71		90.10	81.63	0.001491	2.79	183.54	4.11	0.39
Elsa	Poggi_Castelfior	350	Max WS	514.00	89.58		89.99	81.70	0.001978	2.83	182.14	3.48	0.45
Elsa	Poggi_Castelfior	350	Max WS	651.69	89.25		89.69	81.40	0.001388	2.93	226.21	4.35	0.40
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	650.80	89.24		89.67	81.40	0.001395	2.93	225.55	4.34	0.40
Elsa	Poggi_Castelfior	348.5	Max WS	650.71	88.69		89.29	81.24	0.002288	3.46	200.46	2.78	0.49
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	650.20	88.42		89.07	80.83	0.003090	3.58	181.80	3.67	0.56
Elsa	Poggi_Castelfior	347.5	Max WS	650.63	88.60		88.83	79.61	0.000771	2.32	382.29	2.37	0.28
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	650.13	88.25		88.61	80.40	0.001661	2.67	246.96	2.96	0.42
Elsa	Poggi_Castelfior	346.5	Max WS	628.64	88.35		88.41	79.50	0.000224	1.08	596.07	3.96	0.16
Elsa	Poggi_Castelfior	346	Max WS	559.13	88.29		88.38	79.51	0.000443	1.32	422.90	3.54	0.22
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	547.89	88.19		88.32	79.47	0.000509	1.58	356.97	3.73	0.24
Elsa	Poggi_Castelfior	345	Max WS	649.29	87.49		88.03	78.83	0.002540	3.25	202.78	3.27	0.52
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	649.07	87.26		87.71	79.03	0.002281	2.96	219.51	3.47	0.48
Elsa	Poggi_Castelfior	344	Max WS	648.83	86.77		87.51	79.80	0.004519	3.81	170.48	3.03	0.67
Elsa	Poggi_Castelfior	343	Max WS	648.95	86.21		86.67	77.80	0.002198	3.02	217.18	3.39	0.48
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	629.71	85.53		86.00	77.80	0.002313	3.06	205.88	3.61	0.50
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	642.08	85.26		85.59	77.00	0.001091	2.53	254.41	4.18	0.35
Elsa	Poggi_Castelfior	341.5	Max WS	642.09	85.26		85.57	77.00	0.001060	2.49	258.52	4.48	0.34
Elsa	Poggi_Castelfior	341.4	Max WS	641.96	85.20		85.56	77.00	0.001203	2.63	245.87	3.97	0.36
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	606.09	85.04		85.23	77.30	0.000746	1.91	326.02	3.48	0.29
Elsa	Poggi_Castelfior	340	Max WS	599.59	85.01		85.14	77.70	0.000562	1.60	374.83	3.95	0.25
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	593.90	84.88		85.11	76.80	0.001044	2.15	332.09	3.64	0.34
Elsa	Poggi_Castelfior	338	Max WS	604.32	83.55		84.19	75.80	0.003244	3.54	192.03	3.27	0.58
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	600.83	83.33		83.63	75.60	0.001504	2.43	247.38	3.53	0.40
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	616.95	83.00		83.35	75.60	0.001306	2.60	241.51	3.81	0.39
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	619.82	82.92		83.17	74.60	0.000856	2.23	278.38	4.72	0.31
Elsa	Poggi_Castelfior	334	Max WS	646.52	82.07		82.52	74.40	0.004031	3.05	226.73	1.94	0.61
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	646.52	81.62		81.98	74.60	0.001520	2.84	282.34	3.98	0.42
Elsa	Poggi_Castelfior	333	Max WS	646.51	81.54		81.85	74.60	0.001322	2.64	483.74	3.93	0.39
Elsa	Poggi_Castelfior	332.5	Max WS	646.50	81.45		81.75	74.49	0.001662	2.55	471.49	3.43	0.38
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	646.47	81.28		81.59	74.29	0.001339	2.65	481.26	3.91	0.39
Elsa	Poggi_Castelfior	332	Max WS	646.49	81.41		81.55	74.20	0.000674	1.66	390.24	3.63	0.28
Elsa	Poggi_Castelfior	331	Max WS	646.47	81.21	77.81	81.51	73.50	0.000841	2.42	268.60	5.13	0.32
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	646.45	81.17		81.46	73.50	0.000920	2.39	270.75	4.97	0.32
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	644.54	80.85		81.42	73.65	0.002124	3.32	194.75	4.05	0.49
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	632.11	81.04		81.36	72.60	0.001490	2.50	252.82	3.71	0.40
Elsa	Poggi_Castelfior	328	Max WS	634.43	80.78		81.13	72.60	0.001562	2.61	243.27	3.81	0.41
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	636.50	80.63		81.06	72.60	0.002121	2.90	219.72	3.55	0.48
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	635.05	80.09		80.52	72.50	0.002620	2.88	220.19	3.01	0.52
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	597.44	79.65		79.91	72.20	0.001272	2.26	264.78	3.58	0.37
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	413.76	79.59		79.98	72.30	0.001561	2.41	172.02	3.38	0.40
Elsa	Poggi_Castelfior	323.857*	Max WS	413.78	79.54		79.82	72.31	0.001485	2.33	177.69	3.34	0.39
Elsa	Poggi_Castelfior	323.714*	Max WS	410.50	79.51		79.76	72.31	0.001369	2.23	184.41	3.32	0.38
Elsa	Poggi_Castelfior	323.571*	Max WS	370.61	79.57		79.75	72.32	0.000955	1.88	196.97	3.38	0.32
Elsa	Poggi_Castelfior	323.428*	Max WS	368.15	79.55		79.72	72.33	0.000853	1.79	205.23	3.41	0.30
Elsa	Poggi_Castelfior	323.285*	Max WS	361.61	79.54		79.69	72.34	0.000746	1.69	214.42	3.45	0.28
Elsa	Poggi_Castelfior	323.142*	Max WS	349.33	79.54		79.67	72.34	0.000612	1.56	224.61	3.51	0.26
Elsa	Poggi_Castelfior	323	Max WS	329.62	79.56		79.66	72.35	0.000491	1.40	235.84	3.57	0.23
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	480.48	78.81		79.04	72.32	0.001946	2.12	226.46	2.37	0.43
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	478.46	78.31		78.62	72.30	0.002056	2.46	194.31	2.85	0.46
Elsa	Poggi_Castelfior	320.99		Lat Struct									

HEC-RAS Plan: T100d12 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	453.07	77.85		78.22	71.80	0.002793	2.67	169.85	2.55	0.52
Elsa	Poggi_Castellior	319.99				Lat Struct							
Elsa	Poggi_Castellior	319.98				Lat Struct							
Elsa	Poggi_Castellior	319	Max WS	366.51	77.16		77.48	71.60	0.001572	2.55	154.23	2.75	0.41
Elsa	Poggi_Castellior	318.58				Lat Struct							
Elsa	Poggi_Castellior	318	Max WS	479.89	76.74		76.97	71.20	0.000911	2.13	225.96	4.12	0.32
Elsa	Poggi_Castellior	317.6	Max WS	484.52	76.77		76.95	71.20	0.000714	1.89	258.89	3.87	0.28
Elsa	Poggi_Castellior	317.56	Max WS	491.54	76.74		76.93	71.20	0.000874	1.96	252.36	3.68	0.30
Elsa	Poggi_Castellior	317.54	Max WS	491.54	76.73		76.92	71.20	0.000882	1.96	252.32	3.59	0.30
Elsa	Poggi_Castellior	317.5	Max WS	491.54	76.72		76.92	71.20	0.000810	1.96	252.26	3.82	0.30
Elsa	Poggi_Castellior	317.49				Lat Struct							
Elsa	Poggi_Castellior	317.48				Lat Struct							
Elsa	Poggi_Castellior	317.4	Max WS	486.91	76.72		76.91	71.20	0.000766	1.91	255.10	3.90	0.29
Elsa	Poggi_Castellior	317.32*	Max WS	479.79	76.69		76.89	71.17	0.000887	2.02	238.11	3.81	0.32
Elsa	Poggi_Castellior	317.24*	Max WS	475.85	76.63		76.87	71.14	0.001077	2.16	220.12	3.69	0.35
Elsa	Poggi_Castellior	317.16*	Max WS	472.64	76.56		76.84	71.12	0.001357	2.35	201.22	3.59	0.39
Elsa	Poggi_Castellior	317.08*	Max WS	469.11	76.46		76.80	71.09	0.001795	2.59	181.03	3.38	0.44
Elsa	Poggi_Castellior	317	Max WS	466.13	76.30		76.75	71.06	0.002626	2.95	158.23	3.10	0.52
Elsa	Poggi_Castellior	316.5*	Max WS	462.44	76.34		76.68	71.14	0.002039	2.58	179.06	3.20	0.45
Elsa	Poggi_Castellior	316	Max WS	458.12	76.24	74.87	76.63	71.22	0.002256	2.75	167.05	2.88	0.49
Elsa	Poggi_Castellior	315.5				Inl Struct							
Elsa	Poggi_Castellior	315	Max WS	457.81	75.56		75.80	67.50	0.000107	0.88	518.89	5.59	0.11
Elsa	Poggi_Castellior	314.99				Lat Struct							
Elsa	Poggi_Castellior	314.98				Lat Struct							
Elsa	Poggi_Castellior	314.59				Lat Struct							
Elsa	Poggi_Castellior	314	Max WS	486.25	75.48		75.59	67.40	0.000364	1.47	331.93	4.73	0.21
Elsa	Poggi_Castellior	313	Max WS	486.19	75.38		75.57	67.30	0.000781	1.95	262.75	4.14	0.29
Elsa	Poggi_Castellior	312.9	Max WS	486.18	75.38	71.64	75.57	67.30	0.000771	1.95	262.78	4.13	0.29
Elsa	Poggi_Castellior	312.5				Bridge							
Elsa	Poggi_Castellior	312.1	Max WS	486.16	75.33		75.56	67.30	0.000769	2.13	231.95	4.36	0.29
Elsa	Poggi_Castellior	312	Max WS	486.17	75.33		75.55	67.30	0.000769	2.13	232.14	4.36	0.29
Elsa	Poggi_Castellior	311.99				Lat Struct							
Elsa	Poggi_Castellior	311.98				Lat Struct							
Elsa	Poggi_Castellior	311	Max WS	495.51	75.11		75.51	67.30	0.001681	2.81	176.50	4.03	0.43
Elsa	Poggi_Castellior	310.98				Lat Struct							
Elsa	Poggi_Castellior	310.8*	Max WS	496.68	75.04		75.39	67.06	0.001490	2.62	189.80	3.97	0.40
Elsa	Poggi_Castellior	310.6*	Max WS	502.70	74.97		75.28	66.82	0.001304	2.47	203.77	4.02	0.38
Elsa	Poggi_Castellior	310.4*	Max WS	502.43	74.93		75.19	66.58	0.001091	2.28	219.95	4.05	0.35
Elsa	Poggi_Castellior	310.2*	Max WS	484.84	74.93		75.14	66.34	0.000819	2.03	239.22	4.19	0.30
Elsa	Poggi_Castellior	310.19				Lat Struct							
Elsa	Poggi_Castellior	310	Max WS	479.82	74.91		75.08	66.10	0.000666	1.86	257.94	4.30	0.27
Elsa	Poggi_Castellior	309.8*	Max WS	518.20	74.78		74.99	65.92	0.000875	2.02	256.17	4.13	0.30
Elsa	Poggi_Castellior	309.6*	Max WS	570.74	74.60		74.87	65.74	0.001235	2.29	248.83	3.91	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	628.94	74.33		74.69	65.56	0.001885	2.68	235.04	3.73	0.43
Elsa	Poggi_Castellior	309.29				Lat Struct							
Elsa	Poggi_Castellior	309.28				Lat Struct							
Elsa	Poggi_Castellior	309.2*	Max WS	624.07	74.17		74.56	65.38	0.002017	2.73	228.21	3.66	0.44
Elsa	Poggi_Castellior	309	Max WS	602.46	74.08		74.44	65.20	0.001699	2.67	226.02	3.70	0.43
Elsa	Poggi_Castellior	308.8*	Max WS	599.79	73.98		74.33	65.16	0.001864	2.63	227.73	3.67	0.42
Elsa	Poggi_Castellior	308.74				Lat Struct							
Elsa	Poggi_Castellior	308.6*	Max WS	591.41	73.89		74.23	65.12	0.001814	2.58	229.43	3.59	0.42
Elsa	Poggi_Castellior	308.4*	Max WS	568.86	73.84		74.14	65.08	0.001621	2.44	233.65	3.45	0.41
Elsa	Poggi_Castellior	308.2*	Max WS	551.76	73.78		74.06	65.04	0.001529	2.32	237.87	3.35	0.39
Elsa	Poggi_Castellior	308	Max WS	539.70	73.72		73.98	65.00	0.001368	2.24	241.56	3.30	0.38
Elsa	Poggi_Castellior	307.75*	Max WS	530.49	73.70		73.91	64.75	0.001140	2.06	258.24	3.48	0.34
Elsa	Poggi_Castellior	307.5*	Max WS	513.93	73.68		73.87	64.50	0.000941	1.89	271.31	3.56	0.31
Elsa	Poggi_Castellior	307.25*	Max WS	496.42	73.67		73.83	64.25	0.000857	1.78	279.45	3.64	0.29
Elsa	Poggi_Castellior	307	Max WS	495.11	73.61		73.78	64.00	0.000660	1.85	269.99	4.11	0.27
Elsa	Poggi_Castellior	306.98				Lat Struct							
Elsa	Poggi_Castellior	306.58				Lat Struct							
Elsa	Poggi_Castellior	306	Max WS	487.47	73.52		73.75	63.80	0.000884	2.14	231.07	3.90	0.31
Elsa	Poggi_Castellior	305.98				Lat Struct							
Elsa	Poggi_Castellior	305	Max WS	507.42	73.11		73.52	64.00	0.001548	2.84	182.56	3.56	0.40
Elsa	Poggi_Castellior	304.98				Lat Struct							
Elsa	Poggi_Castellior	304.97				Lat Struct							
Elsa	Poggi_Castellior	304.9	Max WS	522.79	72.81		73.25	63.74	0.001691	2.95	181.03	3.60	0.42
Elsa	Poggi_Castellior	304	Max WS	557.24	72.80		73.03	63.40	0.000698	2.09	269.35	4.63	0.29
Elsa	Poggi_Castellior	303.7	Max WS	615.15	72.47	69.70	72.86	63.80	0.001360	2.74	225.77	4.28	0.40
Elsa	Poggi_Castellior	303.65				Bridge							
Elsa	Poggi_Castellior	303.6	Max WS	615.14	72.46		72.84	63.80	0.001377	2.75	224.93	4.27	0.40
Elsa	Poggi_Castellior	303.59				Lat Struct							
Elsa	Poggi_Castellior	303.58				Lat Struct							
Elsa	Poggi_Castellior	303	Max WS	591.58	72.20		72.62	63.80	0.001619	2.86	207.26	4.09	0.43
Elsa	Poggi_Castellior	302.58				Lat Struct							
Elsa	Poggi_Castellior	302	Max WS	541.48	72.09		72.30	63.00	0.001059	2.01	269.02	3.46	0.33
Elsa	Poggi_Castellior	301.99				Lat Struct							
Elsa	Poggi_Castellior	301	Max WS	479.07	71.63		71.94	63.00	0.001150	2.51	205.62	3.32	0.36
Elsa	Poggi_Castellior	300.98				Lat Struct							
Elsa	Poggi_Castellior	300.29				Lat Struct							
Elsa	Poggi_Castellior	300	Max WS	490.18	71.05		71.49	62.70	0.002035	2.96	165.70	3.74	0.46
Elsa	Poggi_Castellior	299.5	Max WS	479.17	71.13		71.20	61.57	0.000253	1.22	392.37	4.79	0.17
Elsa	Poggi_Castellior	299	Max WS	608.99	70.50		70.91	61.30	0.002298	2.87	221.27	2.87	0.48
Elsa	Poggi_Castellior	298.98				Lat Struct							
Elsa	Poggi_Castellior	298.7	Max WS	601.91	70.14		70.58	61.20	0.001837	2.96	263.58	3.21	0.44
Elsa	Poggi_Castellior	298.62	Max WS	600.92	70.22		70.47	61.50	0.000705	2.25	371.84	4.26	0.29
Elsa	Poggi_Castellior	298.61	Max WS	595.73	70.28		70.44	61.50	0.000441	1.81	387.81	4.67	0.23
Elsa	Poggi_Castellior	298.6	Max WS	595.74	70.26		70.44	61.50	0.000663	1.85	325.43	4.00	0.26
Elsa	Poggi_Castellior	298.4	Max WS	595.74	70.25		70.43	61.50	0.000667	1.85	324.85	3.99	0.26
Elsa	Poggi_Castellior	298.38				Lat Struct							
Elsa	Poggi_Castellior	298.36	Max WS	592.54	70.26		70.42	61.50	0.000560	1.80	329.88	4.57	0.25
Elsa	Poggi_Castellior	298.09	Max WS	537.66	70.10		70.32	60.57	0.001064	2.11	256.77	3.56	0.33
Elsa	Poggi_Castellior	298.08				Lat Struct							
Elsa	Poggi_Castellior	298	Max WS	619.31	69.86		70.07	62.50	0.001126	2.07	299.52	3.44	0.35
Elsa	Poggi_Castellior	297.98				Lat Struct							

HEC-RAS Plan: T100d12 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	624.07	69.23		69.66	61.70	0.002161	2.93	213.09	3.56	0.48
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295.95	Max WS	518.75	68.98		69.32	61.20	0.001398	2.56	203.63	3.89	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	581.28	68.23		68.66	62.20	0.002319	2.90	200.45	3.33	0.50
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	478.23	68.15		68.30	61.90	0.000754	1.69	283.80	3.42	0.29
Elsa	Poggi_Castellior	292	Max WS	355.71	67.98		68.20	61.90	0.001214	2.07	172.08	3.25	0.35
Elsa	Poggi_Castellior	291.75*	Max WS	346.42	67.98		68.15	61.93	0.001126	1.85	187.15	3.28	0.32
Elsa	Poggi_Castellior	291.5*	Max WS	336.83	67.98		68.11	61.95	0.000879	1.65	204.27	3.32	0.28
Elsa	Poggi_Castellior	291.25*	Max WS	327.47	67.98		68.09	61.97	0.000679	1.46	223.57	3.37	0.25
Elsa	Poggi_Castellior	291	Max WS	317.05	67.98		68.07	62.00	0.000440	1.29	245.28	3.44	0.21
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	469.31	67.16		67.55	61.90	0.002628	2.76	170.13	2.77	0.51
Elsa	Poggi_Castellior	289	Max WS	466.10	66.36		66.98	61.80	0.005262	3.48	134.05	2.36	0.71
Elsa	Poggi_Castellior	288	Max WS	466.80	66.58		66.81	62.00	0.002107	2.11	221.33	2.22	0.45
Elsa	Poggi_Castellior	287.6	Max WS	466.78	66.57	65.43	66.80	62.00	0.002156	2.12	219.68	2.20	0.45
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	466.53	66.43		66.46	58.70	0.000157	0.73	638.88	3.17	0.13
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	504.07	66.43		66.45	58.00	0.000091	0.64	798.62	3.80	0.10
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	584.17	66.24		66.39	58.90	0.001130	1.75	334.49	2.67	0.34
Elsa	Poggi_Castellior	283	Max WS	595.27	66.01		66.22	58.60	0.001421	2.03	313.51	2.81	0.38
Elsa	Poggi_Castellior	282	Max WS	588.32	65.91		66.16	58.50	0.001574	2.21	313.23	2.95	0.40
Elsa	Poggi_Castellior	281.9	Max WS	585.82	65.88	63.47	66.14	58.50	0.001615	2.27	308.59	3.02	0.41
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	591.43	65.98		66.10	58.80	0.000440	1.54	383.91	4.48	0.23
Elsa	Poggi_Castellior	281	Max WS	591.15	65.97		66.09	58.80	0.000441	1.54	383.51	4.48	0.23
Elsa	Poggi_Castellior	280	Max WS	589.52	65.95		66.06	58.00	0.000462	1.51	391.19	4.18	0.23
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	575.02	65.90		66.04	58.00	0.000496	1.70	340.47	4.50	0.24
Elsa	Poggi_Castellior	277	Max WS	574.45	65.90		66.04	58.00	0.000495	1.70	340.50	4.50	0.24
Elsa	Poggi_Castellior	276	Max WS	573.55	65.71		65.96	57.60	0.001035	2.24	256.44	4.13	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	572.41	65.42		65.84	57.88	0.001835	2.86	200.37	3.88	0.44
Elsa	Poggi_Castellior	273	Max WS	572.40	65.15		65.45	57.39	0.001380	2.44	234.73	3.78	0.39
Elsa	Poggi_Castellior	272	Max WS	572.37	65.06		65.28	56.94	0.001006	2.06	277.26	3.74	0.33
Elsa	Poggi_Castellior	271	Max WS	656.76	64.56		64.86	56.54	0.001573	2.43	270.38	3.41	0.41
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	654.80	64.37		64.63	56.53	0.001290	2.29	286.39	3.62	0.37
Elsa	Poggi_Castellior	269	Max WS	654.79	64.08		64.42	54.36	0.001533	2.60	251.90	3.85	0.40
Elsa	Poggi_Castellior	268	Max WS	654.76	63.50		63.90	54.91	0.002330	2.82	231.97	3.18	0.49
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	654.75	63.25		63.64	54.27	0.001901	2.77	236.72	3.60	0.44
Elsa	Poggi_Castellior	266	Max WS	654.74	63.12		63.46	54.22	0.001431	2.56	256.06	3.96	0.39
Elsa	Poggi_Castellior	265	Max WS	654.72	63.07		63.33	54.36	0.001308	2.27	288.18	3.54	0.37
Elsa	Poggi_Castellior	264	Max WS	654.68	62.73		63.09	53.78	0.001912	2.67	245.15	3.40	0.44
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	656.62	62.29		62.57	52.82	0.001746	2.35	279.06	3.01	0.42
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	593.44	61.94		62.22	52.86	0.001413	2.36	251.11	3.55	0.38
Elsa	Poggi_Castellior	261	Max WS	539.18	61.87		61.95	52.58	0.001502	2.38	226.53	3.43	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	539.17	61.63		61.91	52.66	0.001444	2.35	229.81	3.45	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	539.17	61.59		61.86	52.75	0.001392	2.31	233.15	3.47	0.38
Elsa	Poggi_Castellior	260.5*	Max WS	539.17	61.55		61.82	52.83	0.001345	2.28	236.63	3.49	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	539.17	61.52		61.78	52.92	0.001303	2.24	240.17	3.49	0.37
Elsa	Poggi_Castellior	260.166*	Max WS	539.16	61.49		61.74	53.01	0.001264	2.21	243.82	3.49	0.37
Elsa	Poggi_Castellior	260	Max WS	539.17	61.45		61.70	53.09	0.001231	2.18	247.53	3.48	0.36
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	623.24	60.84		61.03	51.64	0.002046	2.76	226.20	3.38	0.46
Elsa	Poggi_Castellior	258	Max WS	584.60	60.43		60.77	51.94	0.001606	2.57	227.57	3.65	0.41
Elsa	Poggi_Castellior	257	Max WS	563.18	60.18		60.51	50.99	0.001501	2.56	220.30	3.82	0.39
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	484.70	60.08		60.41	51.39	0.001567	2.52	192.00	3.63	0.40
Elsa	Poggi_Castellior	255	Max WS	454.61	59.96		60.21	50.78	0.001150	2.23	205.19	3.56	0.35
Elsa	Poggi_Castellior	254	Max WS	471.24	59.76		60.09	51.95	0.001605	2.56	184.42	3.47	0.41
Elsa	Poggi_Castellior	253.7	Max WS	531.23	59.40		59.79	51.50	0.002031	2.77	191.71	3.43	0.45
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	497.87	59.21		59.53	51.30	0.001740	2.49	200.16	3.28	0.41
Elsa	Poggi_Castellior	253	Max WS	510.11	58.83		59.20	51.63	0.001877	2.73	190.80	3.13	0.45
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	483.28	58.42		58.84	50.91	0.001929	2.88	168.11	3.70	0.44
Elsa	Poggi_Castellior	251	Max WS	384.84	58.40		58.82	51.06	0.001077	2.08	186.51	3.32	0.34
Elsa	Poggi_Castellior	250	Max WS	318.48	58.28		58.52	50.57	0.001247	2.19	146.27	3.24	0.35
Elsa	Poggi_Castellior	249	Max WS	300.93	58.22		58.36	50.30	0.000464	1.67	210.84	4.86	0.23
Elsa	Poggi_Castellior	248.5*	Max WS	305.54	58.18		58.34	50.15	0.000622	1.79	209.94	4.88	0.25
Elsa	Poggi_Castellior	248	Max WS	313.50	58.15		58.32	49.99	0.000504	1.81	231.75	5.16	0.24
Elsa	Poggi_Castellior	247.666*	Max WS	324.68	58.12		58.29	49.82	0.000460	1.80	209.85	5.09	0.24
Elsa	Poggi_Castellior	247.333*	Max WS	335.83	58.08		58.26	49.64	0.000579	1.89	188.17	4.58	0.26
Elsa	Poggi_Castellior	247	Max WS	352.23	57.96		58.20	49.47	0.001002	2.16	165.08	3.70	0.31
Elsa	Poggi_Castellior	246.833*	Max WS	353.94	57.97		58.17	49.43	0.000760	1.99	183.03	4.08	0.28
Elsa	Poggi_Castellior	246.666*	Max WS	355.18	57.97		58.15	49.38	0.000665	1.88	198.97	4.21	0.27
Elsa	Poggi_Castellior	246.5*	Max WS	357.21	57.96		58.13	49.33	0.000606	1.81	213.72	4.49	0.26
Elsa	Poggi_Castellior	246.333*	Max WS	362.27	57.94		58.10	49.29	0.000599	1.78	226.44	4.43	0.26
Elsa	Poggi_Castellior	246.166*	Max WS	372.65	57.91		58.07	49.25	0.000649	1.81	236.40	4.27	0.27

HEC-RAS Plan: T100d12 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	392.66	57.85		58.03	49.20	0.000781	1.92	242.69	4.04	0.29
Elsa	Poggi_Castelfior	245.99											
Elsa	Poggi_Castelfior	245.9	Max WS	393.44	57.84		58.03	49.20	0.000786	1.92	242.53	4.04	0.29
Elsa	Poggi_Castelfior	244	Max WS	524.62	57.27		57.60	49.36	0.001360	2.55	205.98	4.08	0.37
Elsa	Poggi_Castelfior	243.98											
Elsa	Poggi_Castelfior	243	Max WS	485.98	57.26		57.51	49.36	0.001027	2.20	222.04	3.88	0.34
Elsa	Poggi_Castelfior	242	Max WS	465.32	57.19		57.34	48.45	0.000557	1.72	271.52	4.25	0.25
Elsa	Poggi_Castelfior	241.59											
Elsa	Poggi_Castelfior	241	Max WS	515.09	56.78		57.09	48.42	0.001235	2.45	210.56	4.13	0.36
Elsa	Poggi_Castelfior	240.857*	Max WS	509.07	56.76		57.06	48.39	0.001262	2.45	207.60	4.08	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	502.11	56.73		57.04	48.36	0.001254	2.43	206.59	4.05	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	495.75	56.72		57.01	48.33	0.001218	2.39	207.34	4.04	0.36
Elsa	Poggi_Castelfior	240.428*	Max WS	491.06	56.70		56.98	48.31	0.001166	2.34	209.76	4.04	0.35
Elsa	Poggi_Castelfior	240.285*	Max WS	488.42	56.69		56.95	48.28	0.001102	2.28	213.80	4.06	0.34
Elsa	Poggi_Castelfior	240.142*	Max WS	487.86	56.67		56.92	48.25	0.001025	2.22	219.44	4.12	0.33
Elsa	Poggi_Castelfior	240	Max WS	488.32	56.66		56.89	48.22	0.000938	2.15	226.77	4.19	0.31
Elsa	Poggi_Castelfior	239	Max WS	608.58	56.29		56.62	47.84	0.001082	2.51	242.26	4.75	0.34
Elsa	Poggi_Castelfior	238.99											
Elsa	Poggi_Castelfior	238.98											
Elsa	Poggi_Castelfior	238.88											
Elsa	Poggi_Castelfior	238	Max WS	565.74	56.09		56.44	48.07	0.001679	2.64	214.37	3.62	0.42
Elsa	Poggi_Castelfior	237	Max WS	563.70	56.00		56.33	48.60	0.001504	2.56	220.61	3.81	0.40
Elsa	Poggi_Castelfior	236	Max WS	563.13	56.09		56.32	48.21	0.000953	2.12	265.71	4.05	0.32
Elsa	Poggi_Castelfior	235	Max WS	560.84	56.04		56.28	47.79	0.001166	2.21	253.70	3.71	0.35
Elsa	Poggi_Castelfior	234	Max WS	555.21	56.06		56.25	47.30	0.000947	1.93	288.20	3.83	0.30
Elsa	Poggi_Castelfior	233	Max WS	513.61	55.99		56.13	48.23	0.000564	1.66	310.59	4.05	0.25
Elsa	Poggi_Castelfior	232	Max WS	525.52	54.88		55.47	48.71	0.004655	3.40	154.43	2.51	0.67
Elsa	Poggi_Castelfior	231	Max WS	559.47	54.55		54.80	47.01	0.001410	2.25	248.95	3.29	0.38
Elsa	Poggi_Castelfior	230.99											
Elsa	Poggi_Castelfior	230	Max WS	562.42	54.07		54.44	46.02	0.002315	2.69	209.02	2.98	0.48
Elsa	Poggi_Castelfior	228	Max WS	521.33	53.95		54.12	46.35	0.000654	1.82	286.49	4.27	0.27
Elsa	Poggi_Castelfior	227	Max WS	605.70	53.82		53.97	45.96	0.000612	1.74	347.18	4.22	0.26
Elsa	Poggi_Castelfior	226	Max WS	467.38	53.44		53.62	45.51	0.000922	1.87	249.68	3.45	0.31

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	354.19	89.75		90.53	84.18	0.006004	3.93	90.19	2.57	0.75
Elsa	Poggi_Castelfior	357.2	Max WS	354.19	89.74		90.51	84.15	0.005844	3.89	91.03	2.58	0.74
Elsa	Poggi_Castelfior	357	Max WS	354.15	89.71		89.85	84.25	0.000985	1.67	211.56	2.77	0.32
Elsa	Poggi_Castelfior	356	Max WS	354.14	89.57		89.74	84.60	0.001186	1.83	193.60	2.75	0.35
Elsa	Poggi_Castelfior	355	Max WS	354.11	89.32		89.51	83.39	0.001237	1.96	180.69	2.96	0.35
Elsa	Poggi_Castelfior	354	Max WS	354.10	89.15		89.44	83.34	0.001987	2.37	149.16	2.77	0.45
Elsa	Poggi_Castelfior	353.9	Max WS	354.11	89.20	86.89	89.41	83.17	0.001277	2.04	173.61	3.07	0.36
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	350.66	Max WS	354.10	89.17		89.39	83.17	0.001309	2.06	172.15	3.05	0.37
Elsa	Poggi_Castelfior	353	Max WS	354.11	89.18		89.38	82.70	0.001039	1.96	180.55	3.38	0.33
Elsa	Poggi_Castelfior	352	Max WS	354.11	89.17		89.31	82.60	0.000781	1.70	207.98	3.39	0.29
Elsa	Poggi_Castelfior	351	Max WS	354.10	88.86		89.13	81.90	0.001238	2.30	153.79	3.77	0.36
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	354.10	88.64		88.98	82.08	0.001570	2.58	138.38	3.28	0.40
Elsa	Poggi_Castelfior	350.33	Max WS	354.10	88.52		88.84	81.63	0.001576	2.52	140.66	3.59	0.39
Elsa	Poggi_Castelfior	350	Max WS	354.10	88.33		88.72	81.70	0.002645	2.77	127.61	2.82	0.50
Elsa	Poggi_Castelfior	349	Max WS	443.23	88.13		88.45	81.40	0.001213	2.49	178.19	4.30	0.36
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	443.25	88.12		88.43	81.40	0.001223	2.49	177.67	4.29	0.36
Elsa	Poggi_Castelfior	348.5	Max WS	442.83	87.59		88.07	81.24	0.002218	3.06	144.95	3.72	0.47
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	442.68	87.38		87.88	80.83	0.002423	3.14	141.07	3.62	0.49
Elsa	Poggi_Castelfior	347.5	Max WS	442.84	87.50		87.71	79.61	0.000768	2.11	248.32	2.69	0.27
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	442.68	87.20		87.50	80.40	0.001773	2.43	181.81	3.13	0.42
Elsa	Poggi_Castelfior	346.5	Max WS	442.72	87.24		87.29	79.50	0.000294	1.02	436.85	3.04	0.18
Elsa	Poggi_Castelfior	346	Max WS	433.81	87.11		87.22	79.51	0.000884	1.48	292.72	2.51	0.29
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	438.58	86.95		87.10	79.47	0.000757	1.73	253.76	3.15	0.29
Elsa	Poggi_Castelfior	345	Max WS	442.87	86.48		86.90	78.83	0.001977	2.87	154.47	3.68	0.45
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	442.91	86.31		86.65	79.03	0.001745	2.59	170.98	3.48	0.42
Elsa	Poggi_Castelfior	344	Max WS	442.93	85.82		86.47	79.80	0.003846	3.59	123.51	3.13	0.62
Elsa	Poggi_Castelfior	343	Max WS	443.01	85.35		85.69	77.80	0.001736	2.59	171.24	3.48	0.42
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	443.08	84.69		85.07	77.80	0.002255	2.72	162.89	3.09	0.48
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	443.15	84.50		84.71	77.00	0.000803	2.03	218.00	4.33	0.29
Elsa	Poggi_Castelfior	341.5	Max WS	443.16	84.50		84.70	77.00	0.000763	1.99	222.37	4.36	0.29
Elsa	Poggi_Castelfior	341.4	Max WS	443.17	84.46		84.69	77.00	0.000883	2.11	210.19	4.26	0.31
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	443.26	84.25		84.40	77.30	0.000783	1.72	257.48	3.44	0.29
Elsa	Poggi_Castelfior	340	Max WS	443.25	84.21		84.32	77.70	0.000617	1.47	302.00	3.23	0.26
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	443.57	84.08		84.28	76.80	0.001113	2.00	236.71	3.05	0.34
Elsa	Poggi_Castelfior	338	Max WS	443.69	82.84		83.36	75.80	0.003182	3.20	138.57	3.04	0.56
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	442.60	82.54		82.80	75.60	0.001599	2.25	196.40	3.01	0.41
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	442.64	82.30		82.55	75.60	0.001076	2.21	200.24	3.59	0.35
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	442.37	82.26		82.42	74.60	0.000547	1.79	246.48	4.79	0.24
Elsa	Poggi_Castelfior	334	Max WS	444.75	81.17		81.73	74.40	0.005070	3.30	134.75	2.25	0.67
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	444.73	80.84		81.11	74.60	0.001225	2.46	225.67	3.48	0.37
Elsa	Poggi_Castelfior	333	Max WS	444.71	80.77		81.00	74.60	0.001094	2.30	376.01	3.39	0.35
Elsa	Poggi_Castelfior	332.5	Max WS	444.70	80.70		80.92	74.49	0.001361	2.25	367.18	3.01	0.34
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	444.61	80.57		80.79	74.29	0.001052	2.27	381.03	3.43	0.34
Elsa	Poggi_Castelfior	332	Max WS	444.70	80.66		80.76	74.20	0.000501	1.39	319.67	3.49	0.24
Elsa	Poggi_Castelfior	331	Max WS	444.62	80.54	77.01	80.72	73.50	0.000581	1.87	238.30	4.67	0.26
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	444.58	80.51		80.69	73.50	0.000634	1.86	239.50	4.51	0.26
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	444.24	80.32		80.66	73.65	0.001501	2.58	172.59	3.67	0.40
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	442.83	80.38		80.60	72.60	0.001290	2.09	211.39	3.17	0.36
Elsa	Poggi_Castelfior	328	Max WS	443.78	80.18		80.42	72.60	0.001248	2.13	207.99	3.34	0.36
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	446.58	80.07		80.36	72.60	0.001643	2.38	187.74	3.20	0.41
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	446.70	79.66		79.94	72.50	0.002013	2.34	190.53	2.69	0.45
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	419.92	79.35		79.50	72.20	0.000820	1.73	243.43	3.33	0.29
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	295.49	79.29		79.46	72.30	0.001002	1.87	158.00	3.23	0.32
Elsa	Poggi_Castelfior	323.857*	Max WS	295.52	79.26		79.42	72.31	0.000947	1.80	163.75	3.20	0.31
Elsa	Poggi_Castelfior	323.714*	Max WS	294.86	79.23		79.38	72.31	0.000882	1.73	170.14	3.17	0.30
Elsa	Poggi_Castelfior	323.571*	Max WS	269.18	79.26		79.37	72.32	0.000650	1.50	179.92	3.20	0.26
Elsa	Poggi_Castelfior	323.428*	Max WS	269.21	79.24		79.35	72.33	0.000598	1.43	187.64	3.20	0.25
Elsa	Poggi_Castelfior	323.285*	Max WS	269.23	79.23		79.32	72.34	0.000551	1.37	195.88	3.19	0.24
Elsa	Poggi_Castelfior	323.142*	Max WS	268.00	79.21		79.30	72.34	0.000490	1.31	204.65	3.23	0.23
Elsa	Poggi_Castelfior	323	Max WS	263.13	79.21		79.28	72.35	0.000425	1.23	214.13	3.27	0.21
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	402.25	78.47		78.69	72.32	0.001948	2.05	196.37	2.25	0.43
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	402.28	78.00		78.27	72.30	0.002060	2.31	173.98	2.59	0.45
Elsa	Poggi_Castelfior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	365.63	77.85		77.92	71.80	0.002349	2.33	156.71	2.38	0.47
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	354.50	76.53		76.99	71.60	0.002707	3.02	121.61	2.22	0.53
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	360.85	76.33		76.49	71.20	0.000692	1.76	205.56	3.83	0.28
Elsa	Poggi_Castellior	317.6	Max WS	362.70	76.36		76.48	71.20	0.000556	1.56	233.03	3.53	0.25
Elsa	Poggi_Castellior	317.56	Max WS	367.63	76.33		76.47	71.20	0.000649	1.61	228.93	3.46	0.25
Elsa	Poggi_Castellior	317.54	Max WS	367.63	76.32		76.46	71.20	0.000654	1.61	228.42	3.37	0.26
Elsa	Poggi_Castellior	317.5	Max WS	367.63	76.32		76.45	71.20	0.000620	1.61	227.68	3.56	0.26
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	367.62	76.32		76.45	71.20	0.000599	1.60	230.30	3.65	0.26
Elsa	Poggi_Castellior	317.32*	Max WS	367.62	76.28		76.43	71.17	0.000720	1.71	214.39	3.64	0.28
Elsa	Poggi_Castellior	317.24*	Max WS	367.63	76.23		76.40	71.14	0.000892	1.86	197.79	3.49	0.31
Elsa	Poggi_Castellior	317.16*	Max WS	367.63	76.16		76.38	71.12	0.001150	2.04	180.31	3.32	0.35
Elsa	Poggi_Castellior	317.08*	Max WS	367.63	76.07		76.34	71.09	0.001568	2.28	161.51	3.10	0.40
Elsa	Poggi_Castellior	317	Max WS	367.63	75.94		76.28	71.06	0.002351	2.62	140.42	2.82	0.49
Elsa	Poggi_Castellior	316.5*	Max WS	367.63	75.95		76.22	71.14	0.001898	2.33	157.83	2.90	0.43
Elsa	Poggi_Castellior	316	Max WS	367.64	75.84	74.56	76.16	71.22	0.002149	2.51	146.46	2.84	0.47
Elsa	Poggi_Castellior	315.5		Ini Struct									
Elsa	Poggi_Castellior	315	Max WS	367.29	74.74		74.77	67.50	0.000107	0.82	449.71	4.99	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	379.56	74.67		74.76	67.40	0.000375	1.36	279.30	4.18	0.21
Elsa	Poggi_Castellior	313	Max WS	379.55	74.57		74.75	67.30	0.000869	1.85	218.71	3.53	0.30
Elsa	Poggi_Castellior	312.9	Max WS	379.55	74.57	71.15	74.75	67.30	0.000871	1.85	218.61	3.53	0.30
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	379.55	74.53		74.72	67.30	0.000759	1.94	198.19	3.95	0.28
Elsa	Poggi_Castellior	312	Max WS	379.55	74.53		74.72	67.30	0.000759	1.94	198.34	3.95	0.28
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	379.81	74.35		74.69	67.30	0.001618	2.58	147.18	3.66	0.41
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	379.79	74.28		74.58	67.06	0.001423	2.41	157.73	3.63	0.39
Elsa	Poggi_Castellior	310.6*	Max WS	379.80	74.22		74.48	66.82	0.001242	2.24	169.67	3.60	0.36
Elsa	Poggi_Castellior	310.4*	Max WS	379.77	74.17		74.39	66.58	0.001065	2.07	183.15	3.60	0.34
Elsa	Poggi_Castellior	310.2*	Max WS	379.77	74.13		74.32	66.34	0.000902	1.92	198.03	3.63	0.31
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	392.86	74.07		74.24	66.10	0.000828	1.85	212.77	3.66	0.30
Elsa	Poggi_Castellior	309.8*	Max WS	432.38	73.91		74.13	65.92	0.001184	2.09	206.59	3.51	0.35
Elsa	Poggi_Castellior	309.6*	Max WS	434.59	73.81		74.04	65.74	0.001284	2.14	202.86	3.42	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	434.31	73.70		73.94	65.56	0.001445	2.19	198.61	3.36	0.37
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	434.15	73.58		73.83	65.38	0.001516	2.23	194.40	3.35	0.38
Elsa	Poggi_Castellior	309	Max WS	432.53	73.47		73.73	65.20	0.001329	2.24	192.71	3.44	0.37
Elsa	Poggi_Castellior	308.8*	Max WS	432.42	73.39		73.64	65.16	0.001429	2.22	194.98	3.46	0.37
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	429.90	73.31		73.55	65.12	0.001389	2.19	196.59	3.46	0.36
Elsa	Poggi_Castellior	308.4*	Max WS	427.09	73.23		73.47	65.08	0.001312	2.16	197.60	3.41	0.36
Elsa	Poggi_Castellior	308.2*	Max WS	426.73	73.15		73.39	65.04	0.001378	2.16	197.63	3.29	0.37
Elsa	Poggi_Castellior	308	Max WS	426.69	73.06		73.30	65.00	0.001478	2.17	197.02	3.01	0.39
Elsa	Poggi_Castellior	307.75*	Max WS	426.67	73.01		73.22	64.75	0.001355	2.02	210.76	3.02	0.36
Elsa	Poggi_Castellior	307.5*	Max WS	426.67	72.95		73.14	64.50	0.001209	1.94	219.68	3.09	0.34
Elsa	Poggi_Castellior	307.25*	Max WS	426.64	72.89		73.07	64.25	0.001241	1.91	223.63	3.07	0.34
Elsa	Poggi_Castellior	307	Max WS	425.67	72.83		73.01	64.00	0.000879	1.91	223.43	3.48	0.31
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	426.00	72.71		72.97	63.80	0.001206	2.25	189.38	3.71	0.35
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	425.73	72.29		72.71	64.00	0.001835	2.85	149.32	3.87	0.43
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	425.01	72.02		72.43	63.74	0.001841	2.85	148.94	3.86	0.43
Elsa	Poggi_Castellior	304	Max WS	425.05	72.07		72.24	63.40	0.000603	1.84	231.59	4.26	0.26
Elsa	Poggi_Castellior	303.7	Max WS	429.87	71.91	68.85	72.15	63.80	0.000996	2.17	198.34	4.05	0.33
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	429.87	71.90		72.14	63.80	0.001004	2.17	197.74	4.04	0.33
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	429.75	71.67		71.95	63.80	0.001206	2.35	183.07	3.96	0.36
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	418.00	71.48		71.66	63.00	0.001123	1.86	224.87	2.94	0.34
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	421.57	70.81		71.19	63.00	0.001654	2.73	159.91	2.66	0.42
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	419.87	70.10		70.62	62.70	0.002592	3.19	131.55	3.53	0.51
Elsa	Poggi_Castellior	299.5	Max WS	419.49	70.15		70.24	61.57	0.000349	1.31	319.46	4.19	0.20
Elsa	Poggi_Castellior	299	Max WS	422.60	69.71		70.04	61.30	0.001977	2.57	169.03	2.54	0.44
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	422.25	69.43		69.75	61.20	0.001575	2.48	170.30	3.13	0.40
Elsa	Poggi_Castellior	298.62	Max WS	421.06	69.48		69.65	61.50	0.000560	1.84	284.69	3.61	0.26
Elsa	Poggi_Castellior	298.61	Max WS	420.62	69.53		69.64	61.50	0.000343	1.47	312.91	4.04	0.20
Elsa	Poggi_Castellior	298.6	Max WS	420.59	69.51		69.63	61.50	0.000538	1.54	274.01	3.61	0.24
Elsa	Poggi_Castellior	298.4	Max WS	420.57	69.50		69.62	61.50	0.000540	1.54	273.56	3.60	0.24
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	420.49	69.50		69.62	61.50	0.000458	1.49	281.74	4.03	0.22
Elsa	Poggi_Castellior	298.09	Max WS	404.49	69.29		69.49	60.57	0.001197	1.97	205.89	2.96	0.34
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	422.13	69.13		69.29	62.50	0.000952	1.75	241.15	3.04	0.32
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	423.52	68.71		68.98	61.70	0.001564	2.30	184.23	3.15	0.40
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	408.77	68.28		68.57	61.20	0.001511	2.41	170.02	3.39	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	410.39	67.79		68.07	62.20	0.001735	2.34	175.46	2.99	0.42
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	349.90	67.67		67.77	61.90	0.000641	1.43	245.28	3.01	0.26
Elsa	Poggi_Castellior	292	Max WS	270.66	67.49		67.66	61.90	0.001108	1.83	148.15	2.89	0.33
Elsa	Poggi_Castellior	291.75*	Max WS	261.34	67.49		67.62	61.93	0.001019	1.62	160.97	2.90	0.30
Elsa	Poggi_Castellior	291.5*	Max WS	252.18	67.48		67.59	61.95	0.000784	1.43	175.90	2.93	0.26
Elsa	Poggi_Castellior	291.25*	Max WS	242.72	67.48		67.56	61.97	0.000589	1.26	193.12	2.98	0.23
Elsa	Poggi_Castellior	291	Max WS	232.01	67.49		67.55	62.00	0.000368	1.09	212.72	3.05	0.19
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	363.65	66.76		67.07	61.90	0.002462	2.47	147.34	2.50	0.49
Elsa	Poggi_Castellior	289	Max WS	363.44	65.85		66.44	61.80	0.006569	3.41	106.60	1.94	0.77
Elsa	Poggi_Castellior	288	Max WS	363.45	65.98		66.23	62.00	0.003233	2.21	164.32	1.73	0.53
Elsa	Poggi_Castellior	287.6	Max WS	363.45	65.95	65.07	66.21	62.00	0.003407	2.25	161.60	1.70	0.54
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	360.14	65.86		65.89	58.70	0.000227	0.74	488.09	2.44	0.15
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	381.13	65.66		65.68	58.00	0.000107	0.60	642.12	3.08	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	402.76	65.47		65.61	58.90	0.001521	1.66	242.11	1.98	0.37
Elsa	Poggi_Castellior	283	Max WS	403.87	65.31		65.46	58.60	0.000942	1.74	235.14	3.03	0.31
Elsa	Poggi_Castellior	282	Max WS	397.27	65.23		65.41	58.50	0.001646	1.91	222.31	2.30	0.39
Elsa	Poggi_Castellior	281.9	Max WS	396.67	65.20	62.55	65.39	58.50	0.001639	1.95	218.78	2.38	0.39
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	402.38	65.28		65.36	58.80	0.000313	1.22	328.61	4.10	0.19
Elsa	Poggi_Castellior	281	Max WS	402.31	65.28		65.36	58.80	0.000314	1.23	328.35	4.09	0.19
Elsa	Poggi_Castellior	280	Max WS	398.08	65.26		65.33	58.00	0.000351	1.21	330.32	3.67	0.20
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	425.31	65.19		65.30	58.00	0.000433	1.46	290.91	3.98	0.22
Elsa	Poggi_Castellior	277	Max WS	425.26	65.19		65.30	58.00	0.000433	1.46	290.87	3.98	0.22
Elsa	Poggi_Castellior	276	Max WS	456.18	64.96		65.19	57.60	0.001108	2.12	214.78	3.63	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	456.17	64.67		65.06	57.88	0.002038	2.75	166.10	3.38	0.46
Elsa	Poggi_Castellior	273	Max WS	456.15	64.31		64.61	57.39	0.001661	2.43	187.72	3.28	0.41
Elsa	Poggi_Castellior	272	Max WS	456.13	64.16		64.39	56.94	0.001378	2.12	215.45	3.06	0.38
Elsa	Poggi_Castellior	271	Max WS	456.63	63.75		63.99	56.54	0.001579	2.15	212.24	2.84	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	456.62	63.56		63.76	56.53	0.001298	2.01	227.49	2.96	0.36
Elsa	Poggi_Castellior	269	Max WS	456.61	63.31		63.56	54.36	0.001371	2.21	207.04	3.27	0.37
Elsa	Poggi_Castellior	268	Max WS	456.56	62.76		63.07	54.91	0.002270	2.49	183.69	2.68	0.47
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	456.53	62.55		62.83	54.27	0.001650	2.33	196.08	3.09	0.40
Elsa	Poggi_Castellior	266	Max WS	456.50	62.45		62.67	54.22	0.001164	2.11	216.59	3.45	0.35
Elsa	Poggi_Castellior	265	Max WS	456.49	62.38		62.57	54.36	0.001123	1.92	237.17	3.10	0.34
Elsa	Poggi_Castellior	264	Max WS	456.41	62.12		62.37	53.78	0.001568	2.21	206.08	2.98	0.39
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	456.33	61.73		61.93	52.82	0.001540	1.97	231.39	2.54	0.38
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	426.05	61.42		61.61	52.86	0.001140	1.96	217.76	3.14	0.34
Elsa	Poggi_Castellior	261	Max WS	421.39	61.07		61.32	52.58	0.001554	2.21	190.64	2.99	0.39
Elsa	Poggi_Castellior	260.833*	Max WS	421.38	61.03		61.27	52.66	0.001499	2.18	193.14	3.01	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	421.39	60.99		61.22	52.75	0.001449	2.15	195.71	3.03	0.38
Elsa	Poggi_Castellior	260.5*	Max WS	421.37	60.95		61.18	52.83	0.001404	2.12	198.39	3.04	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	421.37	60.91		61.13	52.92	0.001363	2.09	201.17	3.04	0.37
Elsa	Poggi_Castellior	260.166*	Max WS	421.38	60.87		61.09	53.01	0.001326	2.07	204.03	3.04	0.37
Elsa	Poggi_Castellior	260	Max WS	421.36	60.84		61.05	53.09	0.001293	2.04	206.97	3.03	0.36
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	456.12	60.26		60.52	51.64	0.001512	2.24	203.31	3.12	0.39
Elsa	Poggi_Castellior	258	Max WS	444.44	60.07		60.30	51.94	0.001247	2.15	206.75	3.38	0.36
Elsa	Poggi_Castellior	257	Max WS	443.72	59.84		60.08	50.99	0.001189	2.18	203.13	3.59	0.35
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	414.61	59.84		59.94	51.39	0.001635	2.42	171.36	3.29	0.40
Elsa	Poggi_Castellior	255	Max WS	406.34	59.44		59.71	50.78	0.001416	2.28	178.96	3.22	0.38
Elsa	Poggi_Castellior	254	Max WS	408.07	59.27		59.59	51.95	0.001787	2.53	161.56	3.29	0.42
Elsa	Poggi_Castellior	253.7	Max WS	427.26	59.06		59.36	51.50	0.001724	2.45	174.69	3.22	0.41
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	421.27	58.82		59.10	51.30	0.001788	2.36	178.65	2.96	0.41
Elsa	Poggi_Castellior	253	Max WS	408.65	58.56		58.85	51.63	0.001536	2.36	176.07	3.01	0.40
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	407.60	58.21		58.54	50.91	0.001607	2.56	159.50	3.62	0.40
Elsa	Poggi_Castellior	251	Max WS	363.50	58.04		58.28	51.06	0.001340	2.17	168.41	3.04	0.37
Elsa	Poggi_Castellior	250	Max WS	336.01	57.66		58.04	50.57	0.002320	2.74	122.62	3.05	0.48
Elsa	Poggi_Castellior	249	Max WS	334.93	57.47		57.71	50.30	0.000929	2.16	177.18	4.26	0.32
Elsa	Poggi_Castellior	248.5*	Max WS	343.33	57.38		57.66	50.15	0.001298	2.36	176.09	4.25	0.35
Elsa	Poggi_Castellior	248	Max WS	357.92	57.31		57.60	49.99	0.001054	2.41	198.25	4.55	0.34
Elsa	Poggi_Castellior	247.666*	Max WS	373.96	57.24		57.54	49.82	0.001050	2.44	175.62	4.42	0.35
Elsa	Poggi_Castellior	247.333*	Max WS	381.12	57.15		57.48	49.64	0.001377	2.58	153.38	3.87	0.38
Elsa	Poggi_Castellior	247	Max WS	381.26	56.99		57.42	49.47	0.002137	2.91	130.87	3.56	0.45
Elsa	Poggi_Castellior	246.833*	Max WS	379.00	57.01		57.37	49.43	0.001569	2.63	146.33	3.84	0.40
Elsa	Poggi_Castellior	246.666*	Max WS	374.85	57.03		57.33	49.38	0.001302	2.43	159.67	3.93	0.37
Elsa	Poggi_Castellior	246.5*	Max WS	369.81	57.03		57.29	49.33	0.001167	2.29	170.89	3.91	0.35
Elsa	Poggi_Castellior	246.333*	Max WS	364.83	57.02		57.26	49.29	0.001121	2.20	179.78	3.80	0.34
Elsa	Poggi_Castellior	246.166*	Max WS	361.47	56.99		57.23	49.25	0.001164	2.17	185.97	3.61	0.35

HEC-RAS Plan: T030d12 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	362.52	56.94		57.19	49.20	0.001311	2.20	188.79	3.37	0.36
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	362.65	56.94		57.19	49.20	0.001314	2.20	188.68	3.37	0.36
Elsa	Poggi_Castelfior	244	Max WS	396.84	56.54		56.80	49.36	0.001259	2.27	174.82	3.64	0.35
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	363.90	56.51		56.71	49.36	0.001018	1.98	184.15	3.38	0.33
Elsa	Poggi_Castelfior	242	Max WS	347.91	56.43		56.55	48.45	0.000518	1.52	229.13	3.77	0.24
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	398.48	56.04		56.30	48.42	0.001207	2.25	177.19	3.71	0.36
Elsa	Poggi_Castelfior	240.857*	Max WS	398.48	56.00		56.27	48.39	0.001309	2.30	173.28	3.61	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	398.46	55.95		56.23	48.36	0.001379	2.33	171.10	3.54	0.38
Elsa	Poggi_Castelfior	240.571*	Max WS	397.90	55.91		56.19	48.33	0.001391	2.33	170.83	3.51	0.38
Elsa	Poggi_Castelfior	240.428*	Max WS	396.04	55.89		56.16	48.31	0.001347	2.29	172.59	3.52	0.37
Elsa	Poggi_Castelfior	240.285*	Max WS	393.58	55.87		56.12	48.28	0.001257	2.23	176.34	3.55	0.36
Elsa	Poggi_Castelfior	240.142*	Max WS	392.18	55.85		56.09	48.25	0.001148	2.16	181.84	3.61	0.34
Elsa	Poggi_Castelfior	240	Max WS	392.18	55.84		56.06	48.22	0.001032	2.07	189.02	3.70	0.32
Elsa	Poggi_Castelfior	239	Max WS	429.59	55.67		55.88	47.84	0.000760	2.00	214.95	4.39	0.29
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	422.39	55.40		55.69	48.07	0.001668	2.38	177.61	3.16	0.41
Elsa	Poggi_Castelfior	237	Max WS	421.62	55.31		55.57	48.60	0.001430	2.29	184.29	3.35	0.39
Elsa	Poggi_Castelfior	236	Max WS	422.32	55.38		55.56	48.21	0.000871	1.89	223.64	3.64	0.31
Elsa	Poggi_Castelfior	235	Max WS	421.75	55.32		55.53	47.79	0.001171	2.02	209.27	3.22	0.35
Elsa	Poggi_Castelfior	234	Max WS	421.83	55.33		55.49	47.30	0.000854	1.77	238.63	3.35	0.30
Elsa	Poggi_Castelfior	233	Max WS	412.81	55.21		55.35	48.23	0.000660	1.61	256.67	3.47	0.27
Elsa	Poggi_Castelfior	232	Max WS	414.13	54.15		54.74	48.71	0.003989	3.40	121.69	2.81	0.62
Elsa	Poggi_Castelfior	231	Max WS	406.19	53.91		54.11	47.01	0.001364	1.99	204.47	2.81	0.37
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	398.15	53.50		53.77	46.02	0.002096	2.30	172.99	2.54	0.44
Elsa	Poggi_Castelfior	228	Max WS	397.95	53.40		53.52	46.35	0.000571	1.58	251.65	3.83	0.25
Elsa	Poggi_Castelfior	227	Max WS	461.17	53.26		53.37	45.96	0.000543	1.52	303.45	3.75	0.25
Elsa	Poggi_Castelfior	226	Max WS	348.05	52.77		52.92	45.51	0.000952	1.71	204.05	2.93	0.31

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	307.60	89.43		90.18	84.18	0.006357	3.83	80.26	2.37	0.76
Elsa	Poggi_Castelfior	357.2	Max WS	307.59	89.43		90.16	84.15	0.006183	3.80	81.02	2.39	0.75
Elsa	Poggi_Castelfior	357	Max WS	307.56	89.32		89.47	84.25	0.001166	1.68	183.19	2.45	0.34
Elsa	Poggi_Castelfior	356	Max WS	307.55	89.20		89.36	84.00	0.001229	1.78	172.48	2.58	0.35
Elsa	Poggi_Castelfior	355	Max WS	307.55	88.98		89.15	83.36	0.001036	1.79	172.22	2.94	0.33
Elsa	Poggi_Castelfior	354	Max WS	307.54	88.79		89.07	83.34	0.002148	2.34	131.16	2.56	0.46
Elsa	Poggi_Castelfior	353.9	Max WS	307.54	88.75	87.06	89.04	83.34	0.002240	2.38	128.99	2.54	0.47
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	353.1	Max WS	307.54	88.69		88.99	83.34	0.002374	2.44	126.03	2.52	0.48
Elsa	Poggi_Castelfior	353	Max WS	307.54	88.79		88.98	82.70	0.001071	1.91	161.27	3.17	0.33
Elsa	Poggi_Castelfior	352	Max WS	307.54	88.77		88.91	82.60	0.000761	1.65	186.28	3.29	0.28
Elsa	Poggi_Castelfior	351	Max WS	307.54	88.49		88.73	81.90	0.001205	2.19	140.21	3.57	0.35
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	307.53	88.29		88.59	82.08	0.001448	2.45	125.82	3.50	0.38
Elsa	Poggi_Castelfior	350.33	Max WS	307.52	88.17		88.46	81.63	0.001517	2.38	129.18	3.40	0.38
Elsa	Poggi_Castelfior	350	Max WS	307.51	87.98		88.35	81.70	0.002287	2.67	115.12	2.97	0.47
Elsa	Poggi_Castelfior	349	Max WS	382.54	87.84		88.10	81.40	0.001069	2.29	167.41	4.16	0.34
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	382.54	87.83		88.09	81.40	0.001077	2.29	166.97	4.15	0.34
Elsa	Poggi_Castelfior	348.5	Max WS	382.55	87.38		87.77	81.24	0.001917	2.78	137.74	3.60	0.44
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	382.48	87.04		87.53	81.70	0.003154	3.12	122.53	2.95	0.56
Elsa	Poggi_Castelfior	347.5	Max WS	382.56	87.16		87.35	79.61	0.000738	2.00	220.08	2.54	0.27
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	382.53	86.81		87.12	81.20	0.002212	2.45	156.35	2.67	0.47
Elsa	Poggi_Castelfior	346.5	Max WS	382.60	86.82		86.87	79.50	0.000342	1.01	379.68	2.83	0.19
Elsa	Poggi_Castelfior	346	Max WS	380.04	86.53		86.76	80.80	0.001721	2.09	181.52	2.55	0.41
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	382.67	86.39		86.55	79.47	0.000939	1.77	215.85	3.13	0.31
Elsa	Poggi_Castelfior	345	Max WS	382.71	86.09		86.37	79.80	0.001474	2.35	162.65	3.41	0.40
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	382.76	85.87		86.18	79.03	0.001316	2.47	154.97	4.00	0.36
Elsa	Poggi_Castelfior	344	Max WS	382.77	85.39		86.02	79.80	0.004202	3.54	108.19	2.87	0.64
Elsa	Poggi_Castelfior	343	Max WS	382.82	84.99		85.30	77.80	0.001594	2.46	155.68	3.44	0.41
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	382.87	84.32		84.68	77.80	0.002378	2.65	144.74	2.84	0.49
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	382.94	84.12		84.31	77.00	0.000742	1.90	201.54	4.14	0.28
Elsa	Poggi_Castelfior	341.5	Max WS	382.94	84.12		84.30	77.00	0.000705	1.86	205.68	4.18	0.27
Elsa	Poggi_Castelfior	341.4	Max WS	382.95	84.09		84.29	77.00	0.000817	1.97	194.24	4.08	0.29
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	383.04	83.87		84.01	77.30	0.000818	1.66	230.60	3.15	0.29
Elsa	Poggi_Castelfior	340	Max WS	383.03	83.82		83.92	77.70	0.000674	1.44	266.89	2.92	0.26
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	383.36	83.69		83.88	76.80	0.001158	1.94	200.21	2.80	0.34
Elsa	Poggi_Castelfior	338	Max WS	383.50	82.40		82.91	75.80	0.003361	3.17	121.17	2.87	0.57
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	383.55	82.07		82.33	75.60	0.001619	2.26	169.46	3.00	0.41
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	383.58	81.84		82.07	75.60	0.001082	2.15	178.48	3.76	0.34
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	383.58	81.80		81.95	74.60	0.000497	1.69	226.82	4.71	0.23
Elsa	Poggi_Castelfior	334	Max WS	385.69	80.80		81.35	74.40	0.004348	3.29	117.25	2.51	0.63
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	385.69	80.57		80.81	74.60	0.001159	2.31	206.67	3.24	0.36
Elsa	Poggi_Castelfior	333	Max WS	385.69	80.50		80.71	74.60	0.001046	2.18	338.74	3.15	0.34
Elsa	Poggi_Castelfior	332.5	Max WS	385.69	80.43		80.63	74.49	0.001294	2.14	330.62	2.81	0.33
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	385.66	80.31		80.51	74.29	0.000992	2.14	345.31	3.20	0.33
Elsa	Poggi_Castelfior	332	Max WS	385.67	80.39		80.48	74.20	0.000479	1.31	295.48	3.28	0.23
Elsa	Poggi_Castelfior	331	Max WS	385.64	80.29	76.75	80.44	73.50	0.000510	1.71	226.94	4.49	0.24
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	385.64	80.26		80.41	73.50	0.000557	1.69	227.73	4.33	0.25
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	385.58	80.10		80.38	73.65	0.001349	2.36	163.56	3.51	0.38
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	385.59	80.14		80.33	72.60	0.001240	1.97	196.13	2.97	0.35
Elsa	Poggi_Castelfior	328	Max WS	385.43	79.96		80.16	72.60	0.001136	1.98	194.94	3.20	0.34
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	387.30	79.86		80.11	72.60	0.001480	2.20	176.20	3.07	0.39
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	387.40	79.49		79.73	72.50	0.001833	2.16	178.95	2.56	0.42
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	365.10	79.20		79.33	72.20	0.000708	1.56	233.46	3.21	0.27
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	267.35	79.12		79.28	72.30	0.000935	1.78	150.55	3.15	0.31
Elsa	Poggi_Castelfior	323.857*	Max WS	267.36	79.09		79.24	72.31	0.000885	1.71	155.94	3.11	0.30
Elsa	Poggi_Castelfior	323.714*	Max WS	267.27	79.07		79.20	72.31	0.000835	1.65	161.86	3.08	0.29
Elsa	Poggi_Castelfior	323.571*	Max WS	248.45	79.08		79.19	72.32	0.000646	1.46	170.51	3.09	0.26
Elsa	Poggi_Castelfior	323.428*	Max WS	248.46	79.07		79.16	72.33	0.000594	1.40	177.78	3.09	0.25
Elsa	Poggi_Castelfior	323.285*	Max WS	248.48	79.05		79.14	72.34	0.000544	1.34	185.54	3.10	0.24
Elsa	Poggi_Castelfior	323.142*	Max WS	248.50	79.03		79.12	72.34	0.000499	1.28	193.75	3.10	0.23
Elsa	Poggi_Castelfior	323	Max WS	248.05	79.02		79.10	72.35	0.000452	1.22	202.52	3.11	0.22
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	366.47	78.31		78.51	72.32	0.001940	2.01	182.39	2.19	0.43
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	366.55	77.85		78.10	72.30	0.001999	2.23	164.14	2.51	0.44
Elsa	Poggi_Castelfior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	338.05	77.48		77.75	71.80	0.002367	2.31	146.09	2.33	0.47
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	334.89	76.33		76.80	71.60	0.002941	3.06	111.36	2.31	0.55
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	335.00	76.12		76.27	71.20	0.000702	1.72	195.04	3.71	0.28
Elsa	Poggi_Castellior	317.6	Max WS	334.43	76.15		76.26	71.20	0.000560	1.52	220.64	3.55	0.25
Elsa	Poggi_Castellior	317.56	Max WS	331.82	76.14		76.25	71.20	0.000613	1.53	217.70	3.37	0.25
Elsa	Poggi_Castellior	317.54	Max WS	331.83	76.13		76.25	71.20	0.000618	1.53	217.20	3.37	0.25
Elsa	Poggi_Castellior	317.5	Max WS	331.83	76.12		76.24	71.20	0.000587	1.53	216.36	3.58	0.25
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	331.83	76.12		76.24	71.20	0.000567	1.52	218.92	3.61	0.25
Elsa	Poggi_Castellior	317.32*	Max WS	331.85	76.08		76.22	71.17	0.000684	1.63	203.55	3.50	0.27
Elsa	Poggi_Castellior	317.24*	Max WS	331.85	76.04		76.20	71.14	0.000852	1.77	187.52	3.36	0.30
Elsa	Poggi_Castellior	317.16*	Max WS	331.87	75.98		76.17	71.12	0.001105	1.95	170.61	3.19	0.34
Elsa	Poggi_Castellior	317.08*	Max WS	331.88	75.89		76.13	71.09	0.001520	2.18	152.43	2.97	0.40
Elsa	Poggi_Castellior	317	Max WS	331.89	75.76		76.08	71.06	0.002306	2.51	132.03	2.70	0.48
Elsa	Poggi_Castellior	316.5*	Max WS	331.90	75.76		76.02	71.14	0.001868	2.24	148.30	2.76	0.42
Elsa	Poggi_Castellior	316	Max WS	331.91	75.67	74.43	75.96	71.22	0.002110	2.41	137.70	2.70	0.46
Elsa	Poggi_Castellior	315.5		Inl Struct									
Elsa	Poggi_Castellior	315	Max WS	331.90	74.34		74.37	67.50	0.000109	0.80	416.92	4.73	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	340.15	74.27		74.36	67.40	0.000399	1.34	254.35	3.90	0.21
Elsa	Poggi_Castellior	313	Max WS	340.11	74.17		74.35	67.30	0.000978	1.85	197.22	3.24	0.32
Elsa	Poggi_Castellior	312.9	Max WS	340.12	74.17	70.96	74.34	67.30	0.000981	1.85	197.09	3.23	0.32
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	340.11	74.13		74.31	67.30	0.000790	1.89	181.69	3.71	0.28
Elsa	Poggi_Castellior	312	Max WS	340.09	74.13		74.31	67.30	0.000791	1.89	181.77	3.70	0.28
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	341.97	73.93		74.28	67.30	0.001739	2.58	132.29	3.47	0.42
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	341.96	73.85		74.15	67.06	0.001550	2.42	141.04	3.44	0.40
Elsa	Poggi_Castellior	310.6*	Max WS	341.96	73.78		74.05	66.82	0.001379	2.27	150.94	3.39	0.38
Elsa	Poggi_Castellior	310.4*	Max WS	341.96	73.72		73.95	66.58	0.001215	2.11	162.31	3.34	0.36
Elsa	Poggi_Castellior	310.2*	Max WS	341.96	73.67		73.87	66.34	0.001039	1.95	175.15	3.36	0.33
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	343.80	73.62		73.79	66.10	0.000892	1.82	189.17	3.38	0.30
Elsa	Poggi_Castellior	309.8*	Max WS	367.65	73.49		73.69	65.92	0.001187	2.00	183.89	3.27	0.34
Elsa	Poggi_Castellior	309.6*	Max WS	369.15	73.38		73.60	65.74	0.001286	2.05	179.93	3.20	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	369.14	73.27		73.50	65.56	0.001439	2.10	175.75	3.17	0.37
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	369.14	73.16		73.39	65.38	0.001458	2.14	172.41	3.23	0.37
Elsa	Poggi_Castellior	309	Max WS	369.14	73.07		73.30	65.20	0.001087	2.13	172.98	3.71	0.34
Elsa	Poggi_Castellior	308.8*	Max WS	369.14	73.00		73.22	65.16	0.001315	2.11	175.05	3.42	0.35
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	369.13	72.91		73.14	65.12	0.001315	2.09	176.34	3.38	0.35
Elsa	Poggi_Castellior	308.4*	Max WS	369.13	72.83		73.06	65.08	0.001259	2.09	176.93	3.34	0.35
Elsa	Poggi_Castellior	308.2*	Max WS	369.13	72.75		72.97	65.04	0.001291	2.09	176.69	3.28	0.36
Elsa	Poggi_Castellior	308	Max WS	369.12	72.67		72.89	65.00	0.001280	2.10	175.52	3.21	0.36
Elsa	Poggi_Castellior	307.75*	Max WS	369.11	72.62		72.82	64.75	0.001288	1.98	186.38	3.04	0.35
Elsa	Poggi_Castellior	307.5*	Max WS	369.11	72.56		72.75	64.50	0.001248	1.90	194.15	2.92	0.35
Elsa	Poggi_Castellior	307.25*	Max WS	369.09	72.50		72.68	64.25	0.001258	1.87	197.75	2.94	0.34
Elsa	Poggi_Castellior	307	Max WS	369.07	72.44		72.61	64.00	0.000890	1.83	201.31	3.43	0.30
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	371.98	72.33		72.57	63.80	0.001216	2.16	172.16	3.47	0.35
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	372.05	71.94		72.31	64.00	0.001722	2.70	138.05	3.73	0.41
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	372.09	71.69		72.06	63.74	0.001715	2.69	138.25	3.73	0.41
Elsa	Poggi_Castellior	304	Max WS	372.17	71.72		71.88	63.40	0.000559	1.73	215.19	4.45	0.25
Elsa	Poggi_Castellior	303.7	Max WS	372.21	71.59	68.54	71.79	63.80	0.000915	2.02	183.83	3.90	0.32
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	372.20	71.57		71.78	63.80	0.000923	2.03	183.28	3.89	0.32
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	372.26	71.37		71.61	63.80	0.001097	2.18	170.38	3.81	0.34
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	372.35	71.13		71.31	63.00	0.001291	1.86	199.75	2.66	0.36
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	372.49	70.47		70.82	63.00	0.001655	2.64	141.20	3.72	0.42
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	372.58	69.80		70.28	62.70	0.002513	3.06	121.70	3.40	0.50
Elsa	Poggi_Castellior	299.5	Max WS	372.67	69.84		69.92	61.57	0.000339	1.25	297.08	4.00	0.20
Elsa	Poggi_Castellior	299	Max WS	372.13	69.42		69.74	61.30	0.001869	2.47	150.37	3.08	0.42
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	372.12	69.18		69.46	61.20	0.001482	2.34	159.24	3.37	0.39
Elsa	Poggi_Castellior	298.62	Max WS	372.17	69.22		69.37	61.50	0.000523	1.72	255.46	3.77	0.25
Elsa	Poggi_Castellior	298.61	Max WS	372.19	69.26		69.35	61.50	0.000315	1.37	287.39	4.23	0.19
Elsa	Poggi_Castellior	298.6	Max WS	372.19	69.24		69.35	61.50	0.000505	1.45	256.88	3.68	0.23
Elsa	Poggi_Castellior	298.4	Max WS	372.20	69.24		69.34	61.50	0.000507	1.45	256.48	3.68	0.23
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	372.19	69.24		69.34	61.50	0.000429	1.40	265.38	3.96	0.21
Elsa	Poggi_Castellior	298.09	Max WS	370.17	68.99		69.19	60.57	0.001346	1.98	187.28	2.72	0.36
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	363.30	68.87		69.00	62.50	0.000900	1.64	220.88	2.89	0.30
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	363.88	68.49		68.71	61.70	0.001427	2.11	172.14	2.98	0.38
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	363.51	68.06		68.32	61.20	0.001451	2.28	159.64	3.23	0.39
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	356.13	67.64		67.87	62.20	0.001521	2.13	166.97	2.88	0.39
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	313.36	67.50		67.60	61.90	0.000614	1.35	232.03	2.87	0.25
Elsa	Poggi_Castellior	292	Max WS	255.66	67.28		67.46	61.90	0.001221	1.85	138.25	2.74	0.35
Elsa	Poggi_Castellior	291.75*	Max WS	245.99	67.28		67.42	61.93	0.001123	1.64	150.05	2.74	0.31
Elsa	Poggi_Castellior	291.5*	Max WS	236.14	67.27		67.38	61.95	0.000855	1.44	164.06	2.76	0.27
Elsa	Poggi_Castellior	291.25*	Max WS	226.23	67.27		67.35	61.97	0.000635	1.25	180.34	2.81	0.23
Elsa	Poggi_Castellior	291	Max WS	215.22	67.28		67.34	62.00	0.000390	1.08	199.07	2.88	0.20
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	325.19	66.80		66.89	61.90	0.002383	2.35	138.40	2.38	0.48
Elsa	Poggi_Castellior	289	Max WS	325.12	65.73		66.27	61.80	0.006442	3.25	99.96	1.84	0.75
Elsa	Poggi_Castellior	288	Max WS	325.13	65.82		66.06	62.00	0.003452	2.17	149.76	1.60	0.54
Elsa	Poggi_Castellior	287.6	Max WS	325.13	65.79	64.92	66.04	62.00	0.003605	2.21	146.92	1.59	0.55
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	324.74	65.42		65.44	58.70	0.000247	0.74	440.97	2.28	0.15
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	340.35	65.42		65.43	58.00	0.000108	0.58	592.99	2.90	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	356.32	65.22		65.36	58.90	0.001754	1.67	213.07	1.80	0.39
Elsa	Poggi_Castellior	283	Max WS	357.15	65.07		65.21	58.60	0.000946	1.66	215.09	2.83	0.31
Elsa	Poggi_Castellior	282	Max WS	356.90	64.97		65.16	58.50	0.001925	1.92	189.63	2.06	0.42
Elsa	Poggi_Castellior	281.9	Max WS	356.86	64.94	62.29	65.14	58.50	0.001900	1.96	186.32	2.14	0.41
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	356.98	65.03		65.10	58.80	0.000291	1.15	309.35	3.96	0.18
Elsa	Poggi_Castellior	281	Max WS	356.96	65.03		65.09	58.80	0.000292	1.15	309.09	3.95	0.18
Elsa	Poggi_Castellior	280	Max WS	356.92	65.01		65.08	58.00	0.000347	1.16	308.56	3.48	0.19
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	380.07	64.94		65.04	58.00	0.000409	1.38	274.63	4.03	0.21
Elsa	Poggi_Castellior	277	Max WS	380.09	64.94		65.04	58.00	0.000409	1.38	274.61	4.03	0.21
Elsa	Poggi_Castellior	276	Max WS	410.52	64.73		64.94	57.60	0.001081	2.03	201.84	3.46	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	410.41	64.45		64.80	57.88	0.001979	2.63	156.31	3.23	0.45
Elsa	Poggi_Castellior	273	Max WS	410.17	64.10		64.38	57.39	0.001599	2.32	176.55	3.15	0.40
Elsa	Poggi_Castellior	272	Max WS	410.08	63.95		64.16	56.94	0.001370	2.04	201.07	2.91	0.37
Elsa	Poggi_Castellior	271	Max WS	409.60	63.53		63.75	56.54	0.001614	2.08	196.83	2.65	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	409.58	63.33		63.53	56.53	0.001308	1.94	211.44	2.79	0.36
Elsa	Poggi_Castellior	269	Max WS	409.56	63.10		63.32	54.36	0.001336	2.10	194.62	3.11	0.37
Elsa	Poggi_Castellior	268	Max WS	409.33	62.54		62.84	54.91	0.002296	2.41	170.14	2.53	0.46
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	409.24	62.35		62.60	54.27	0.001542	2.22	184.52	3.02	0.39
Elsa	Poggi_Castellior	266	Max WS	409.09	62.25		62.45	54.22	0.001107	1.99	205.12	3.30	0.34
Elsa	Poggi_Castellior	265	Max WS	409.05	62.18		62.35	54.36	0.001090	1.83	222.94	2.95	0.33
Elsa	Poggi_Castellior	264	Max WS	408.81	61.93		62.16	53.78	0.001497	2.10	194.58	2.85	0.38
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	408.60	61.55		61.73	52.82	0.001546	1.89	215.82	2.38	0.38
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	387.53	61.22		61.41	52.86	0.001130	1.88	205.59	2.99	0.33
Elsa	Poggi_Castellior	261	Max WS	387.02	60.87		61.11	52.58	0.001602	2.17	178.61	2.83	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	386.98	60.82		61.06	52.66	0.001548	2.14	180.82	2.86	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	386.97	60.78		61.01	52.75	0.001499	2.11	183.12	2.87	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	386.94	60.74		60.96	52.83	0.001454	2.09	185.50	2.88	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	386.92	60.70		60.91	52.92	0.001413	2.06	187.98	2.88	0.38
Elsa	Poggi_Castellior	260.166*	Max WS	386.89	60.66		60.87	53.01	0.001377	2.03	190.51	2.88	0.37
Elsa	Poggi_Castellior	260	Max WS	386.83	60.62		60.83	53.09	0.001346	2.00	193.12	2.87	0.37
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	408.20	60.09		60.32	51.64	0.001397	2.11	193.36	3.02	0.37
Elsa	Poggi_Castellior	258	Max WS	402.85	59.90		60.11	51.94	0.001167	2.04	197.43	3.29	0.35
Elsa	Poggi_Castellior	257	Max WS	402.84	59.69		59.91	50.99	0.001089	2.06	195.81	3.50	0.33
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	384.18	59.48		59.76	51.39	0.001599	2.34	164.06	3.19	0.40
Elsa	Poggi_Castellior	255	Max WS	383.15	59.26		59.52	50.78	0.001470	2.26	170.03	3.09	0.38
Elsa	Poggi_Castellior	254	Max WS	382.98	59.09		59.41	51.95	0.001815	2.49	153.82	3.18	0.43
Elsa	Poggi_Castellior	253.7	Max WS	388.73	58.94		59.21	51.50	0.001583	2.30	168.80	3.13	0.39
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	386.09	58.71		58.96	51.30	0.001667	2.23	172.90	2.88	0.40
Elsa	Poggi_Castellior	253	Max WS	381.23	58.45		58.72	51.63	0.001485	2.29	166.66	3.26	0.39
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	381.21	58.13		58.43	50.91	0.001439	2.43	156.59	3.66	0.38
Elsa	Poggi_Castellior	251	Max WS	350.46	57.93		58.17	51.06	0.001378	2.16	163.23	2.96	0.37
Elsa	Poggi_Castellior	250	Max WS	333.51	57.47		57.89	50.57	0.002635	2.87	116.11	2.98	0.50
Elsa	Poggi_Castellior	249	Max WS	333.19	57.26		57.52	50.30	0.001070	2.26	167.70	4.08	0.35
Elsa	Poggi_Castellior	248.5*	Max WS	338.45	57.17		57.47	50.15	0.001464	2.44	166.96	4.08	0.37
Elsa	Poggi_Castellior	248	Max WS	350.47	57.10		57.41	49.99	0.001150	2.46	190.00	4.39	0.35
Elsa	Poggi_Castellior	247.666*	Max WS	364.26	57.03		57.34	49.82	0.001145	2.48	167.72	4.26	0.36
Elsa	Poggi_Castellior	247.333*	Max WS	369.80	56.94		57.29	49.64	0.001513	2.63	145.58	3.71	0.40
Elsa	Poggi_Castellior	247	Max WS	369.12	56.77		57.22	49.47	0.002321	2.97	124.26	3.45	0.46
Elsa	Poggi_Castellior	246.833*	Max WS	367.68	56.79		57.16	49.43	0.001722	2.68	138.48	3.70	0.41
Elsa	Poggi_Castellior	246.666*	Max WS	365.26	56.79		57.11	49.38	0.001450	2.50	150.36	3.78	0.39
Elsa	Poggi_Castellior	246.5*	Max WS	362.07	56.78		57.07	49.33	0.001323	2.37	159.99	3.75	0.37
Elsa	Poggi_Castellior	246.333*	Max WS	358.19	56.76		57.03	49.29	0.001292	2.30	167.29	3.65	0.37
Elsa	Poggi_Castellior	246.166*	Max WS	353.97	56.73		57.00	49.25	0.001347	2.27	172.05	3.46	0.37

HEC-RAS Plan: T020d12 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	246	Max WS	351.09	56.69		56.95	49.20	0.001490	2.29	173.92	3.24	0.38
Elsa	Poggi_Castellior	245.99		Lat Struct									
Elsa	Poggi_Castellior	245.9	Max WS	351.13	56.69		56.95	49.20	0.001492	2.29	173.83	3.24	0.38
Elsa	Poggi_Castellior	244	Max WS	364.28	56.33		56.57	49.36	0.001238	2.20	165.91	3.51	0.35
Elsa	Poggi_Castellior	243.98		Lat Struct									
Elsa	Poggi_Castellior	243	Max WS	335.70	56.28		56.48	49.36	0.001053	1.95	172.83	3.21	0.33
Elsa	Poggi_Castellior	242	Max WS	326.65	56.19		56.30	48.45	0.000530	1.52	215.92	3.69	0.24
Elsa	Poggi_Castellior	241.59		Lat Struct									
Elsa	Poggi_Castellior	241	Max WS	366.52	55.82		56.06	48.42	0.001192	2.19	167.57	3.59	0.35
Elsa	Poggi_Castellior	240.857*	Max WS	366.52	55.77		56.03	48.39	0.001293	2.24	163.55	3.50	0.37
Elsa	Poggi_Castellior	240.714*	Max WS	366.50	55.73		55.99	48.36	0.001373	2.27	161.24	3.42	0.38
Elsa	Poggi_Castellior	240.571*	Max WS	366.49	55.69		55.95	48.33	0.001412	2.28	160.76	3.36	0.38
Elsa	Poggi_Castellior	240.428*	Max WS	366.34	55.65		55.91	48.31	0.001388	2.26	162.21	3.36	0.38
Elsa	Poggi_Castellior	240.285*	Max WS	365.21	55.63		55.88	48.28	0.001305	2.20	165.70	3.39	0.36
Elsa	Poggi_Castellior	240.142*	Max WS	363.86	55.62		55.85	48.25	0.001187	2.13	171.11	3.45	0.35
Elsa	Poggi_Castellior	240	Max WS	363.58	55.60		55.81	48.22	0.001057	2.04	178.26	3.54	0.33
Elsa	Poggi_Castellior	239	Max WS	389.94	55.47		55.65	47.84	0.000707	1.89	206.03	4.27	0.28
Elsa	Poggi_Castellior	238.99		Lat Struct									
Elsa	Poggi_Castellior	238.98		Lat Struct									
Elsa	Poggi_Castellior	238.88		Lat Struct									
Elsa	Poggi_Castellior	238	Max WS	386.96	55.19		55.46	48.07	0.001694	2.32	166.79	3.01	0.41
Elsa	Poggi_Castellior	237	Max WS	386.96	55.10		55.35	48.60	0.001437	2.23	173.62	3.21	0.38
Elsa	Poggi_Castellior	236	Max WS	386.96	55.17		55.34	48.21	0.000864	1.83	211.46	3.50	0.30
Elsa	Poggi_Castellior	235	Max WS	386.96	55.11		55.30	47.79	0.001193	1.97	196.37	3.07	0.35
Elsa	Poggi_Castellior	234	Max WS	386.96	55.12		55.27	47.30	0.000861	1.72	224.51	3.20	0.30
Elsa	Poggi_Castellior	233	Max WS	379.59	54.99		55.12	48.23	0.000679	1.57	241.42	3.29	0.27
Elsa	Poggi_Castellior	232	Max WS	374.77	53.97		54.52	48.71	0.003866	3.27	114.55	2.72	0.61
Elsa	Poggi_Castellior	231	Max WS	371.62	53.74		53.93	47.01	0.001370	1.93	192.84	2.67	0.37
Elsa	Poggi_Castellior	230.99		Lat Struct									
Elsa	Poggi_Castellior	230	Max WS	366.10	53.32		53.58	46.02	0.002158	2.26	162.20	2.41	0.44
Elsa	Poggi_Castellior	228	Max WS	365.80	53.22		53.34	46.35	0.000556	1.52	240.58	3.69	0.25
Elsa	Poggi_Castellior	227	Max WS	423.56	53.08		53.19	45.96	0.000529	1.46	290.11	3.60	0.24
Elsa	Poggi_Castellior	226	Max WS	423.55	52.50		52.77	45.51	0.001862	2.27	186.58	2.72	0.43

D12 ore

APE	Profile	Plan	W.S. Elev (m)	SA Min El (m)	SA Volume (1000 m3)
D0	Max WS	T200d12	88.9	87	33.33
D0	Max WS	T100d12	88.2	87	8.05
D0	Max WS	T030d12	87	87	0
D0	Max WS	T020d12	87	87	0
D10a	Max WS	T200d12	75.7	73.5	6.27
D10a	Max WS	T100d12	75.24	73.5	4.17
D10a	Max WS	T030d12	73.5	73.5	0.01
D10a	Max WS	T020d12	73.5	73.5	0
D10b	Max WS	T200d12	75.78	72	18.02
D10b	Max WS	T100d12	75.32	72	9.8
D10b	Max WS	T030d12	72	72	0
D10b	Max WS	T020d12	72	72	0
D11a	Max WS	T200d12	75.34	71.75	112.81
D11a	Max WS	T100d12	74.78	71.75	71.77
D11a	Max WS	T030d12	73.62	71.75	2.77
D11a	Max WS	T020d12	71.75	71.75	0
D11b	Max WS	T200d12	74.1	66.25	87.09
D11b	Max WS	T100d12	73.66	66.25	57.73
D11b	Max WS	T030d12	72.67	66.25	5.36
D11b	Max WS	T020d12	66.25	66.25	0
D11c	Max WS	T200d12	75.35	73	31.68
D11c	Max WS	T100d12	74.78	73	16.09
D11c	Max WS	T030d12	73	73	0
D11c	Max WS	T020d12	73	73	0
D12a	Max WS	T200d12	74.94	72.5	13.67
D12a	Max WS	T100d12	74.24	72.5	1.88
D12a	Max WS	T030d12	73.62	72.5	0.17
D12a	Max WS	T020d12	72.5	72.5	0
D12b	Max WS	T200d12	74.11	70	168.72
D12b	Max WS	T100d12	73.66	70	104.56
D12b	Max WS	T030d12	72.51	70	7.13
D12b	Max WS	T020d12	70	70	0
D13	Max WS	T200d12	73.84	66.5	16.76
D13	Max WS	T100d12	73.31	66.5	10.04
D13	Max WS	T030d12	66.5	66.5	0
D13	Max WS	T020d12	66.5	66.5	0
D14	Max WS	T200d12	73.34	69.5	83.78
D14	Max WS	T100d12	72.77	69.5	33.81
D14	Max WS	T030d12	71.91	69.5	4.2

D12 ore

D14	Max WS	T020d12	69.5	69.5	0
D15a	Max WS	T200d12	72.48	69	44.98
D15a	Max WS	T100d12	72.18	69	28.85
D15a	Max WS	T030d12	71.6	69	6.64
D15a	Max WS	T020d12	71.27	69	1.59
D15b	Max WS	T200d12	72.22	68	95.69
D15b	Max WS	T100d12	71.88	68	75.57
D15b	Max WS	T030d12	71.15	68	32.24
D15b	Max WS	T020d12	68	68	0
D16	Max WS	T200d12	72.47	69.8	76.31
D16	Max WS	T100d12	71.93	69.8	41.99
D16	Max WS	T030d12	70.82	69.8	0.84
D16	Max WS	T020d12	69.8	69.8	0
D17a	Max WS	T200d12	71.62	64	271.87
D17a	Max WS	T100d12	71.05	64	192.77
D17a	Max WS	T030d12	70.03	64	54.59
D17a	Max WS	T020d12	68.81	64	3.22
D17b	Max WS	T200d12	70.62	65.8	163.97
D17b	Max WS	T100d12	70.11	65.8	136.27
D17b	Max WS	T030d12	69.27	65.8	91.73
D17b	Max WS	T020d12	68.9	65.8	73.35
D17c	Max WS	T200d12	70.72	68	86.6
D17c	Max WS	T100d12	70.17	68	60.36
D17c	Max WS	T030d12	69.36	68	21.86
D17c	Max WS	T020d12	68.75	68	1.77
D17d	Max WS	T200d12	71.26	68	15.72
D17d	Max WS	T100d12	70.85	68	11.2
D17d	Max WS	T030d12	69.85	68	2.42
D17d	Max WS	T020d12	68	68	0
D18	Max WS	T200d12	70.35	65.25	72.66
D18	Max WS	T100d12	69.87	65.25	35.46
D18	Max WS	T030d12	69.11	65.25	10.68
D18	Max WS	T020d12	68.84	65.25	7.09
D19	Max WS	T200d12	65.88	63.5	48.78
D19	Max WS	T100d12	63.5	63.5	0
D19	Max WS	T030d12	63.5	63.5	0
D19	Max WS	T020d12	63.5	63.5	0
D1a	Max WS	T200d12	88.9	83.25	80.25
D1a	Max WS	T100d12	88.31	83.25	35.33

D12 ore

D1a	Max WS	T030d12	83.25	83.25	0
D1a	Max WS	T020d12	83.72	83.25	0
D1b	Max WS	T200d12	86.17	82.5	42.94
D1b	Max WS	T100d12	85.81	82.5	18.09
D1b	Max WS	T030d12	82.5	82.5	0
D1b	Max WS	T020d12	82.5	82.5	0
D1c	Max WS	T200d12	85.44	82.75	68.2
D1c	Max WS	T100d12	85.06	82.75	39.52
D1c	Max WS	T030d12	84.23	82.75	5.87
D1c	Max WS	T020d12	83.83	82.75	2.39
D1d	Max WS	T200d12	87.74	82.75	0.77
D1d	Max WS	T100d12	82.75	82.75	0
D1d	Max WS	T030d12	82.75	82.75	0
D1d	Max WS	T020d12	82.75	82.75	0
D2	Max WS	T200d12	83.02	76.75	66.35
D2	Max WS	T100d12	82.66	76.75	40.55
D2	Max WS	T030d12	81.9	76.75	7
D2	Max WS	T020d12	76.75	76.75	0
D20	Max WS	T200d12	62	62	0
D20	Max WS	T100d12	62	62	0
D20	Max WS	T030d12	62	62	0
D20	Max WS	T020d12	62	62	0
D21	Max WS	T200d12	61.8	61.8	0
D21	Max WS	T100d12	61.8	61.8	0
D21	Max WS	T030d12	61.8	61.8	0
D21	Max WS	T020d12	61.8	61.8	0
D22	Max WS	T200d12	63.38	58.25	136.51
D22	Max WS	T100d12	58.25	58.25	0
D22	Max WS	T030d12	58.25	58.25	0
D22	Max WS	T020d12	58.25	58.25	0
D23	Max WS	T200d12	61.87	58.8	6.58
D23	Max WS	T100d12	58.8	58.8	0
D23	Max WS	T030d12	58.8	58.8	0
D23	Max WS	T020d12	58.8	58.8	0
D24a	Max WS	T200d12	59.66	55	90.22
D24a	Max WS	T100d12	59.53	55	66.28
D24a	Max WS	T030d12	59.37	55	43.68
D24a	Max WS	T020d12	59.29	55	32.65
D24b	Max WS	T200d12	55.25	55.25	0

D12 ore

D24b	Max WS	T100d12	55.25	55.25	0
D24b	Max WS	T030d12	55.25	55.25	0
D24b	Max WS	T020d12	55.25	55.25	0
D25	Max WS	T200d12	59.66	58	32.14
D25	Max WS	T100d12	59.53	58	21.34
D25	Max WS	T030d12	59.37	58	11.82
D25	Max WS	T020d12	59.26	58	6.19
D26a	Max WS	T200d12	58.52	51.25	698.7
D26a	Max WS	T100d12	57.98	51.25	496.65
D26a	Max WS	T030d12	56.98	51.25	151.95
D26a	Max WS	T020d12	56.68	51.25	80.87
D26b	Max WS	T200d12	59.59	54.75	643.29
D26b	Max WS	T100d12	59.22	54.75	488.45
D26b	Max WS	T030d12	58.5	54.75	204.71
D26b	Max WS	T020d12	58.16	54.75	97.58
D27a	Max WS	T200d12	57.71	53.25	350.14
D27a	Max WS	T100d12	57.17	53.25	181.85
D27a	Max WS	T030d12	56.5	53.25	21.05
D27a	Max WS	T020d12	56.26	53.25	4.22
D27b	Max WS	T200d12	58.58	55.75	139.13
D27b	Max WS	T100d12	58.37	55.75	94.6
D27b	Max WS	T030d12	57.76	55.75	14.61
D27b	Max WS	T020d12	57.31	55.75	0.8
D28a	Max WS	T200d12	56.29	54.5	84.39
D28a	Max WS	T100d12	55.7	54.5	12.78
D28a	Max WS	T030d12	54.5	54.5	0
D28a	Max WS	T020d12	54.5	54.5	0
D28b	Max WS	T200d12	56.01	52	432.14
D28b	Max WS	T100d12	55.54	52	263.5
D28b	Max WS	T030d12	54.91	52	87.07
D28b	Max WS	T020d12	54.73	52	51.24
D29	Max WS	T200d12	56.86	52	287.79
D29	Max WS	T100d12	56.04	52	146.98
D29	Max WS	T030d12	55.29	52	44.74
D29	Max WS	T020d12	54.85	52	16.21
D3	Max WS	T200d12	83.02	80.5	1.22
D3	Max WS	T100d12	81.33	80.5	0.06
D3	Max WS	T030d12	80.5	80.5	0
D3	Max WS	T020d12	80.5	80.5	0

D12 ore

D30a	Max WS	T200d12	54.78	50.25	494.93
D30a	Max WS	T100d12	54.47	50.25	417.36
D30a	Max WS	T030d12	52.12	50.25	1.62
D30a	Max WS	T020d12	50.25	50.25	0
D30b	Max WS	T200d12	53.81	50.5	384.32
D30b	Max WS	T100d12	53.38	50.5	238.86
D30b	Max WS	T030d12	50.5	50.5	0
D30b	Max WS	T020d12	50.5	50.5	0
D4	Max WS	T200d12	80.5	80.5	0
D4	Max WS	T100d12	80.5	80.5	0
D4	Max WS	T030d12	80.5	80.5	0
D4	Max WS	T020d12	80.5	80.5	0
D5	Max WS	T200d12	81.2	76	23.96
D5	Max WS	T100d12	80.92	76	19.5
D5	Max WS	T030d12	80.33	76	12.11
D5	Max WS	T020d12	80.11	76	9.84
D6a	Max WS	T200d12	80.63	77.25	14.7
D6a	Max WS	T100d12	79.95	77.25	6.33
D6a	Max WS	T030d12	77.25	77.25	0
D6a	Max WS	T020d12	77.25	77.25	0
D6b	Max WS	T200d12	80.23	75.75	2.59
D6b	Max WS	T100d12	75.75	75.75	0
D6b	Max WS	T030d12	75.75	75.75	0
D6b	Max WS	T020d12	75.75	75.75	0
D7a	Max WS	T200d12	79.48	76	17.97
D7a	Max WS	T100d12	79.27	76	13.61
D7a	Max WS	T030d12	78.93	76	7.06
D7a	Max WS	T020d12	78.75	76	4.04
D7b	Max WS	T200d12	79.48	75	69.76
D7b	Max WS	T100d12	79.26	75	62.13
D7b	Max WS	T030d12	77.54	75	14.47
D7b	Max WS	T020d12	76.75	75	2.34
D8a	Max WS	T200d12	77.71	73.75	98.04
D8a	Max WS	T100d12	77.34	73.75	72.91
D8a	Max WS	T030d12	76.52	73.75	22.47
D8a	Max WS	T020d12	73.75	73.75	0
D8b	Max WS	T200d12	76.21	74.25	58.31
D8b	Max WS	T100d12	75.9	74.25	42.51
D8b	Max WS	T030d12	75.08	74.25	7.39
D8b	Max WS	T020d12	74.25	74.25	0

D12 ore

D8c	Max WS	T200d12	76.11	73	10.81
D8c	Max WS	T100d12	75.58	73	5.99
D8c	Max WS	T030d12	75.05	73	1.46
D8c	Max WS	T020d12	73	73	0
D9	Max WS	T200d12	75.78	74	3.61
D9	Max WS	T100d12	75.32	74	0.89
D9	Max WS	T030d12	74	74	0
D9	Max WS	T020d12	74	74	0
S1	Max WS	T200d12	90.36	87	47.07
S1	Max WS	T100d12	89.75	87	18.34
S1	Max WS	T030d12	87	87	0
S1	Max WS	T020d12	87	87	0
S10a	Max WS	T200d12	69.26	64.75	370.64
S10a	Max WS	T100d12	68.83	64.75	271.08
S10a	Max WS	T030d12	68.13	64.75	110.28
S10a	Max WS	T020d12	67.91	64.75	68.14
S10b	Max WS	T200d12	68.61	66.5	50.56
S10b	Max WS	T100d12	68.28	66.5	32.5
S10b	Max WS	T030d12	67.81	66.5	14.24
S10b	Max WS	T020d12	67.66	66.5	10.22
S11a	Max WS	T200d12	68.59	65.5	49.63
S11a	Max WS	T100d12	68.26	65.5	38.67
S11a	Max WS	T030d12	67.79	65.5	22.91
S11a	Max WS	T020d12	67.65	65.5	18.1
S11b	Max WS	T200d12	68.23	63	123.76
S11b	Max WS	T100d12	67.94	63	108.29
S11b	Max WS	T030d12	67.45	63	81.68
S11b	Max WS	T020d12	67.23	63	70.43
S11c	Max WS	T200d12	68.59	66	73.25
S11c	Max WS	T100d12	68.27	66	54.1
S11c	Max WS	T030d12	67.8	66	30.6
S11c	Max WS	T020d12	67.65	66	24.7
S11d	Max WS	T200d12	68.41	63.25	222.75
S11d	Max WS	T100d12	68.07	63.25	163.94
S11d	Max WS	T030d12	67.51	63.25	83.76
S11d	Max WS	T020d12	67.28	63.25	59.87
S12	Max WS	T200d12	67.11	60.75	161.98
S12	Max WS	T100d12	66.69	60.75	116.06
S12	Max WS	T030d12	65.98	60.75	56.26

D12 ore

S12	Max WS	T020d12	65.74	60.75	41.2
S13a	Max WS	T200d12	65.41	62.25	150.05
S13a	Max WS	T100d12	64.94	62.25	114.57
S13a	Max WS	T030d12	63.95	62.25	47.39
S13a	Max WS	T020d12	63.72	62.25	33.36
S13b	Max WS	T200d12	62.93	58.5	163.7
S13b	Max WS	T100d12	62.51	58.5	116.38
S13b	Max WS	T030d12	61.89	58.5	53.03
S13b	Max WS	T020d12	61.67	58.5	32.89
S14a	Max WS	T200d12	61.61	58	142.89
S14a	Max WS	T100d12	61.3	58	112.12
S14a	Max WS	T030d12	60.71	58	58.23
S14a	Max WS	T020d12	60.49	58	40.37
S14b	Max WS	T200d12	60.33	54.5	114.98
S14b	Max WS	T100d12	60.01	54.5	84.1
S14b	Max WS	T030d12	59.42	54.5	36.86
S14b	Max WS	T020d12	59.09	54.5	17.52
S15	Max WS	T200d12	58.73	52.25	273.57
S15	Max WS	T100d12	58.3	52.25	184.96
S15	Max WS	T030d12	57.52	52.25	52.77
S15	Max WS	T020d12	57.31	52.25	32.01
S16a	Max WS	T200d12	57.51	52.25	96.42
S16a	Max WS	T100d12	57.21	52.25	77.57
S16a	Max WS	T030d12	56.46	52.25	33.98
S16a	Max WS	T020d12	56.22	52.25	22.43
S16b	Max WS	T200d12	57	49.5	183.23
S16b	Max WS	T100d12	56.67	49.5	149.52
S16b	Max WS	T030d12	55.85	49.5	75.01
S16b	Max WS	T020d12	55.6	49.5	56.08
S16c	Max WS	T200d12	56.24	52	615.92
S16c	Max WS	T100d12	56.02	52	554.87
S16c	Max WS	T030d12	55.18	52	332.19
S16c	Max WS	T020d12	54.57	52	178.72
S17	Max WS	T200d12	53.3	50	679.58
S17	Max WS	T100d12	52.05	50	221.81
S17	Max WS	T030d12	50	50	0
S17	Max WS	T020d12	50	50	0
S2a	Max WS	T200d12	89.49	82.75	16.4
S2a	Max WS	T100d12	89.1	82.75	7.49
S2a	Max WS	T030d12	82.75	82.75	0
S2a	Max WS	T020d12	82.75	82.75	0
S2b	Max WS	T200d12	88.78	85	57.62

D12 ore

S2b	Max WS	T100d12	88.22	85	32.83
S2b	Max WS	T030d12	87.04	85	3.51
S2b	Max WS	T020d12	86.51	85	0.61
S2c	Max WS	T200d12	85.33	83.75	6.74

D12 ore

S2c	Max WS	T100d12	84.7	83.75	0.6
S2c	Max WS	T030d12	83.75	83.75	0
S2c	Max WS	T020d12	83.75	83.75	0
S2d	Max WS	T200d12	87.56	83.75	23.97
S2d	Max WS	T100d12	86.65	83.75	3.26
S2d	Max WS	T030d12	83.75	83.75	0
S2d	Max WS	T020d12	83.75	83.75	0
S3a	Max WS	T200d12	85	80.25	422.36
S3a	Max WS	T100d12	84.47	80.25	296
S3a	Max WS	T030d12	80.25	80.25	0.04
S3a	Max WS	T020d12	80.25	80.25	0
S3b	Max WS	T200d12	83.61	80.25	69.08
S3b	Max WS	T100d12	83.19	80.25	35.35
S3b	Max WS	T030d12	80.25	80.25	0
S3b	Max WS	T020d12	80.25	80.25	0
S4a	Max WS	T200d12	79	79	0
S4a	Max WS	T100d12	79	79	0
S4a	Max WS	T030d12	79	79	0
S4a	Max WS	T020d12	79	79	0
S4b	Max WS	T200d12	79.78	75	203.9
S4b	Max WS	T100d12	79.38	75	114.1
S4b	Max WS	T030d12	78.92	75	40.48
S4b	Max WS	T020d12	78.76	75	23.85
S4c	Max WS	T200d12	82	82	0
S4c	Max WS	T100d12	82	82	0
S4c	Max WS	T030d12	82	82	0
S4c	Max WS	T020d12	82	82	0
S4d	Max WS	T200d12	79.78	79	0.64
S4d	Max WS	T100d12	79.38	79	0.31
S4d	Max WS	T030d12	79	79	0
S4d	Max WS	T020d12	79	79	0
S5a	Max WS	T200d12	79.12	74.5	853.04
S5a	Max WS	T100d12	78.65	74.5	594.32
S5a	Max WS	T030d12	78.02	74.5	300.04
S5a	Max WS	T020d12	77.8	74.5	222.08
S5b	Max WS	T200d12	79.13	76	36.21
S5b	Max WS	T100d12	78.65	76	18.96
S5b	Max WS	T030d12	78.02	76	6.1
S5b	Max WS	T020d12	77.8	76	3.96
S6a	Max WS	T200d12	78.23	74.25	205.97
S6a	Max WS	T100d12	77.89	74.25	173.97
S6a	Max WS	T030d12	77.4	74.25	127.43
S6a	Max WS	T020d12	77.16	74.25	104.38

D12 ore

S6b	Max WS	T200d12	76.68	73	162.07
S6b	Max WS	T100d12	76.21	73	108.78
S6b	Max WS	T030d12	75.44	73	39.62
S6b	Max WS	T020d12	75.1	73	19.37
S6c	Max WS	T200d12	77.37	73.5	120.46
S6c	Max WS	T100d12	77	73.5	96.45
S6c	Max WS	T030d12	76.44	73.5	59.66
S6c	Max WS	T020d12	76.08	73.5	36.7
S7a	Max WS	T200d12	75.64	67.5	223.29
S7a	Max WS	T100d12	75.28	67.5	166.74
S7a	Max WS	T030d12	74.66	67.5	84.07
S7a	Max WS	T020d12	74.33	67.5	54.15
S7b	Max WS	T200d12	74.34	70	36.92
S7b	Max WS	T100d12	74.02	70	23.13
S7b	Max WS	T030d12	73.43	70	3.2
S7b	Max WS	T020d12	70	70	0
S8	Max WS	T200d12	73.89	66	165.14
S8	Max WS	T100d12	73.46	66	117.28
S8	Max WS	T030d12	72.52	66	29.81
S8	Max WS	T020d12	66	66	0
S9a	Max WS	T200d12	72.44	67.75	60.16
S9a	Max WS	T100d12	72.15	67.75	43.37
S9a	Max WS	T030d12	71.47	67.75	9.47
S9a	Max WS	T020d12	67.75	67.75	0
S9b	Max WS	T200d12	72.07	66.25	222.01
S9b	Max WS	T100d12	71.76	66.25	172.79
S9b	Max WS	T030d12	70.5	66.25	20.61
S9b	Max WS	T020d12	66.25	66.25	0
S9c	Max WS	T200d12	71.85	65	91
S9c	Max WS	T100d12	71.59	65	77.25
S9c	Max WS	T030d12	65	65	0
S9c	Max WS	T020d12	65	65	0

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	357.3	Max WS	712.03	91.66		92.69	84.18	0.004800	4.50	158.15	3.73	0.71
Elsa	Poggi_Castellior	357.2	Max WS	712.06	91.66		92.67	84.15	0.004698	4.47	159.31	3.75	0.70
Elsa	Poggi_Castellior	357	Max WS	712.53	91.91		92.08	84.25	0.000703	1.81	394.36	4.00	0.28
Elsa	Poggi_Castellior	356	Max WS	712.38	91.82		92.00	84.60	0.000777	1.91	374.09	3.80	0.30
Elsa	Poggi_Castellior	355	Max WS	712.21	91.65		91.85	83.39	0.000810	2.01	355.19	4.21	0.30
Elsa	Poggi_Castellior	354	Max WS	712.05	91.49		91.80	83.34	0.001257	2.48	287.42	4.16	0.38
Elsa	Poggi_Castellior	353.9	Max WS	712.09	91.52	88.42	91.79	83.17	0.000949	2.28	312.24	4.53	0.33
Elsa	Poggi_Castellior	353.5		Bridge									
Elsa	Poggi_Castellior	353.1	Max WS	712.09	91.50		91.77	83.17	0.000963	2.29	310.73	4.52	0.33
Elsa	Poggi_Castellior	353	Max WS	712.03	91.49		91.76	82.70	0.000903	2.31	307.66	4.81	0.33
Elsa	Poggi_Castellior	352	Max WS	712.11	91.51		91.70	82.60	0.000651	1.94	366.27	4.73	0.28
Elsa	Poggi_Castellior	351	Max WS	711.91	91.14		91.52	81.90	0.001363	2.74	259.64	4.56	0.39
Elsa	Poggi_Castellior	350.99		Lat Struct									
Elsa	Poggi_Castellior	350.66	Max WS	681.47	90.98		91.42	82.08	0.001340	3.00	236.83	4.67	0.39
Elsa	Poggi_Castellior	350.33	Max WS	673.50	90.85		91.30	81.63	0.001404	3.00	227.38	4.75	0.39
Elsa	Poggi_Castellior	350	Max WS	710.10	90.69		91.16	81.70	0.001758	3.03	236.07	4.17	0.44
Elsa	Poggi_Castellior	349	Max WS	931.75	90.11		90.75	81.40	0.001840	3.57	267.93	4.80	0.47
Elsa	Poggi_Castellior	348.99		Lat Struct									
Elsa	Poggi_Castellior	348.9	Max WS	925.28	90.11		90.74	81.40	0.001816	3.54	267.87	4.80	0.46
Elsa	Poggi_Castellior	348.5	Max WS	927.58	89.48		90.27	81.24	0.002686	4.06	253.30	3.41	0.54
Elsa	Poggi_Castellior	348.48		Lat Struct									
Elsa	Poggi_Castellior	348	Max WS	908.83	89.31		90.06	80.83	0.002990	3.89	263.83	2.22	0.57
Elsa	Poggi_Castellior	347.5	Max WS	887.77	89.58		89.77	79.61	0.000657	2.30	529.16	3.24	0.26
Elsa	Poggi_Castellior	347.49		Lat Struct									
Elsa	Poggi_Castellior	347	Max WS	842.83	89.19		89.57	80.40	0.001354	2.75	321.32	3.77	0.39
Elsa	Poggi_Castellior	346.5	Max WS	832.49	89.31		89.38	79.50	0.000201	1.16	735.33	4.82	0.16
Elsa	Poggi_Castellior	346	Max WS	752.84	89.25		89.36	79.51	0.000387	1.42	536.55	3.62	0.21
Elsa	Poggi_Castellior	345.98		Lat Struct									
Elsa	Poggi_Castellior	345.5	Max WS	691.80	89.18		89.30	79.47	0.000469	1.55	459.28	4.01	0.23
Elsa	Poggi_Castellior	345	Max WS	911.16	88.21		88.95	78.83	0.002961	3.82	244.27	3.77	0.57
Elsa	Poggi_Castellior	344.99		Lat Struct									
Elsa	Poggi_Castellior	344.98		Lat Struct									
Elsa	Poggi_Castellior	344.5	Max WS	881.05	88.07		88.63	79.03	0.002333	3.31	266.26	4.04	0.50
Elsa	Poggi_Castellior	344	Max WS	886.09	87.53		88.42	79.80	0.004452	4.19	211.55	3.54	0.69
Elsa	Poggi_Castellior	343	Max WS	914.06	86.78		87.47	77.80	0.002866	3.69	251.60	3.77	0.56
Elsa	Poggi_Castellior	342.98		Lat Struct									
Elsa	Poggi_Castellior	342	Max WS	804.49	86.33		86.85	77.80	0.002063	3.19	257.09	3.73	0.48
Elsa	Poggi_Castellior	341.99		Lat Struct									
Elsa	Poggi_Castellior	341.6	Max WS	883.86	85.83		86.33	77.00	0.001470	3.14	286.10	4.39	0.41
Elsa	Poggi_Castellior	341.5	Max WS	883.88	85.82		86.30	77.00	0.001464	3.09	288.21	4.61	0.41
Elsa	Poggi_Castellior	341.4	Max WS	881.90	85.74		86.28	77.00	0.001634	3.27	275.45	4.38	0.43
Elsa	Poggi_Castellior	341.39		Lat Struct									
Elsa	Poggi_Castellior	341.38		Lat Struct									
Elsa	Poggi_Castellior	341	Max WS	765.79	85.68		85.90	77.30	0.000738	2.08	382.50	4.03	0.30
Elsa	Poggi_Castellior	340	Max WS	693.72	85.73		85.86	77.70	0.000452	1.58	439.35	4.56	0.23
Elsa	Poggi_Castellior	339.98		Lat Struct									
Elsa	Poggi_Castellior	339	Max WS	665.25	85.64		85.84	76.80	0.000763	2.01	424.66	4.23	0.29
Elsa	Poggi_Castellior	338	Max WS	756.99	84.30		84.98	75.80	0.002845	3.67	257.48	3.85	0.56
Elsa	Poggi_Castellior	337.98		Lat Struct									
Elsa	Poggi_Castellior	337	Max WS	780.65	84.09		84.44	75.60	0.001447	2.61	299.11	4.05	0.40
Elsa	Poggi_Castellior	336.99		Lat Struct									
Elsa	Poggi_Castellior	336	Max WS	807.39	83.72		84.15	75.60	0.001391	2.92	284.81	4.35	0.41
Elsa	Poggi_Castellior	335.09		Lat Struct									
Elsa	Poggi_Castellior	335	Max WS	830.16	83.56		83.92	74.60	0.001198	2.65	313.68	4.76	0.36
Elsa	Poggi_Castellior	334	Max WS	906.26	82.85		83.30	74.40	0.003006	3.09	316.71	2.54	0.55
Elsa	Poggi_Castellior	333.99		Lat Struct									
Elsa	Poggi_Castellior	333.98		Lat Struct									
Elsa	Poggi_Castellior	333.68		Lat Struct									
Elsa	Poggi_Castellior	333.58		Lat Struct									
Elsa	Poggi_Castellior	333.5	Max WS	905.99	82.29		82.80	74.60	0.002007	3.30	335.99	4.31	0.48
Elsa	Poggi_Castellior	333	Max WS	903.70	82.20		82.63	74.60	0.001724	3.05	580.35	4.29	0.44
Elsa	Poggi_Castellior	332.5	Max WS	900.49	82.09		82.52	74.49	0.002170	2.91	564.03	3.68	0.43
Elsa	Poggi_Castellior	332.49		Lat Struct									
Elsa	Poggi_Castellior	332.25	Max WS	895.64	81.87		82.30	74.29	0.001819	3.08	567.02	4.18	0.46
Elsa	Poggi_Castellior	332	Max WS	892.11	82.07		82.26	74.20	0.000775	1.93	462.07	4.08	0.30
Elsa	Poggi_Castellior	331	Max WS	883.77	81.74	78.60	82.21	73.50	0.001200	3.04	292.74	5.48	0.38
Elsa	Poggi_Castellior	330.75		Bridge									
Elsa	Poggi_Castellior	330.5	Max WS	883.77	81.69		82.15	73.50	0.001319	2.99	295.40	5.32	0.38
Elsa	Poggi_Castellior	330.49		Lat Struct									
Elsa	Poggi_Castellior	330	Max WS	879.18	81.17		82.09	73.65	0.003196	4.25	207.71	4.26	0.60
Elsa	Poggi_Castellior	329.98		Lat Struct									
Elsa	Poggi_Castellior	329	Max WS	880.86	81.46		81.96	72.60	0.002115	3.16	279.13	4.05	0.48
Elsa	Poggi_Castellior	328	Max WS	831.69	81.23		81.72	72.60	0.001914	3.08	271.25	3.97	0.46
Elsa	Poggi_Castellior	327.99		Lat Struct									
Elsa	Poggi_Castellior	327	Max WS	819.82	81.08		81.64	72.60	0.002468	3.33	245.93	3.91	0.52
Elsa	Poggi_Castellior	326.98		Lat Struct									
Elsa	Poggi_Castellior	326	Max WS	805.72	80.50		81.03	72.50	0.002916	3.24	248.73	3.31	0.55
Elsa	Poggi_Castellior	325.58		Lat Struct									
Elsa	Poggi_Castellior	325	Max WS	744.39	80.03		80.36	72.20	0.001455	2.55	291.36	3.90	0.40
Elsa	Poggi_Castellior	324.99		Lat Struct									
Elsa	Poggi_Castellior	324.49		Lat Struct									
Elsa	Poggi_Castellior	324	Max WS	556.71	79.80		80.27	72.30	0.002451	3.05	182.33	3.45	0.51
Elsa	Poggi_Castellior	323.857*	Max WS	555.40	79.72		80.17	72.31	0.002356	2.97	186.90	3.41	0.50
Elsa	Poggi_Castellior	323.714*	Max WS	547.94	79.67		80.08	72.31	0.002133	2.83	193.42	3.42	0.48
Elsa	Poggi_Castellior	323.571*	Max WS	500.72	79.78		80.07	72.32	0.001460	2.40	208.36	3.55	0.40
Elsa	Poggi_Castellior	323.428*	Max WS	490.92	79.76		80.02	72.33	0.001255	2.26	217.40	3.59	0.37
Elsa	Poggi_Castellior	323.285*	Max WS	474.82	79.77		79.99	72.34	0.001061	2.08	227.81	3.64	0.34
Elsa	Poggi_Castellior	323.142*	Max WS	450.34	79.79		79.97	72.34	0.000821	1.88	239.60	3.71	0.30
Elsa	Poggi_Castellior	323	Max WS	415.48	79.83		79.97	72.35	0.000626	1.64	252.74	3.79	0.26
Elsa	Poggi_Castellior	322.98		Lat Struct									
Elsa	Poggi_Castellior	322	Max WS	536.76	79.20		79.41	72.32	0.001636	2.03	264.43	2.53	0.40
Elsa	Poggi_Castellior	321.98		Lat Struct									
Elsa	Poggi_Castellior	321	Max WS	538.22	78.77		79.06	72.30	0.001653	2.40	224.50	3.22	0.42
Elsa	Poggi_Castellior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	557.42	78.19		78.62	71.80	0.002905	2.91	191.25	2.83	0.54
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	375.96	77.84		78.06	71.60	0.000933	2.16	189.74	3.30	0.32
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	635.43	77.07		77.42	71.20	0.001267	2.62	243.72	3.89	0.38
Elsa	Poggi_Castellior	317.6	Max WS	642.06	77.13		77.40	71.20	0.000970	2.32	280.88	4.15	0.34
Elsa	Poggi_Castellior	317.56	Max WS	650.95	77.08		77.37	71.20	0.001198	2.40	272.17	3.93	0.35
Elsa	Poggi_Castellior	317.54	Max WS	650.90	77.06		77.35	71.20	0.001210	2.41	272.34	3.84	0.35
Elsa	Poggi_Castellior	317.5	Max WS	650.89	77.06		77.35	71.20	0.001107	2.40	272.83	4.09	0.36
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	636.07	77.08		77.35	71.20	0.001006	2.31	276.70	4.19	0.34
Elsa	Poggi_Castellior	317.32*	Max WS	607.69	77.06		77.34	71.17	0.001065	2.34	260.47	4.12	0.35
Elsa	Poggi_Castellior	317.24*	Max WS	582.36	77.04		77.34	71.14	0.001162	2.40	243.46	4.03	0.37
Elsa	Poggi_Castellior	317.16*	Max WS	559.64	77.01		77.33	71.12	0.001311	2.48	225.73	3.91	0.39
Elsa	Poggi_Castellior	317.08*	Max WS	539.68	76.96		77.31	71.09	0.001548	2.61	206.99	3.75	0.42
Elsa	Poggi_Castellior	317	Max WS	532.05	76.85		77.27	71.06	0.002113	2.88	184.96	3.52	0.48
Elsa	Poggi_Castellior	316.5*	Max WS	536.83	76.86		77.20	71.14	0.001743	2.59	207.22	3.62	0.42
Elsa	Poggi_Castellior	316	Max WS	553.09	76.69	75.17	77.12	71.22	0.002161	2.91	192.28	3.21	0.48
Elsa	Poggi_Castellior	315.5		Inl Struct									
Elsa	Poggi_Castellior	315	Max WS	551.84	76.29		76.33	67.50	0.000110	0.95	580.09	6.16	0.12
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	623.52	76.17		76.31	67.40	0.000390	1.65	377.74	5.28	0.22
Elsa	Poggi_Castellior	313	Max WS	623.05	76.05		76.30	67.30	0.000830	2.17	300.08	4.63	0.31
Elsa	Poggi_Castellior	312.9	Max WS	623.05	76.05	72.20	76.29	67.30	0.000806	2.17	300.31	4.60	0.31
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	622.61	75.98		76.28	67.30	0.000874	2.44	260.14	4.77	0.31
Elsa	Poggi_Castellior	312	Max WS	622.57	75.98		76.28	67.30	0.000874	2.44	260.31	4.77	0.31
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	621.71	75.77		76.24	67.30	0.001792	3.04	204.63	4.23	0.45
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	630.06	75.68		76.10	67.06	0.001579	2.89	218.34	4.32	0.42
Elsa	Poggi_Castellior	310.6*	Max WS	636.21	75.61		75.98	66.82	0.001356	2.72	234.27	4.42	0.39
Elsa	Poggi_Castellior	310.4*	Max WS	621.96	75.60		75.91	66.58	0.001059	2.45	253.71	4.56	0.35
Elsa	Poggi_Castellior	310.2*	Max WS	572.47	75.66		75.88	66.34	0.000709	2.06	277.52	4.74	0.29
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	547.61	75.67		75.84	66.10	0.000537	1.83	299.44	4.87	0.25
Elsa	Poggi_Castellior	309.8*	Max WS	586.87	75.58		75.77	65.92	0.000665	1.95	301.30	4.74	0.27
Elsa	Poggi_Castellior	309.6*	Max WS	684.46	75.36		75.63	65.74	0.001058	2.33	294.06	4.48	0.34
Elsa	Poggi_Castellior	309.4*	Max WS	839.77	74.84		75.35	65.56	0.002375	3.16	266.05	4.01	0.49
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	828.42	74.65		75.18	65.38	0.002584	3.23	256.47	3.90	0.50
Elsa	Poggi_Castellior	309	Max WS	788.83	74.56		75.05	65.20	0.002144	3.11	254.04	3.91	0.48
Elsa	Poggi_Castellior	308.8*	Max WS	785.64	74.42		74.91	65.16	0.002425	3.09	254.23	3.83	0.49
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	771.34	74.31		74.77	65.12	0.002370	3.02	255.52	3.70	0.48
Elsa	Poggi_Castellior	308.4*	Max WS	728.55	74.29		74.68	65.08	0.001902	2.77	263.41	3.68	0.45
Elsa	Poggi_Castellior	308.2*	Max WS	690.98	74.27		74.61	65.04	0.001614	2.55	271.23	3.68	0.41
Elsa	Poggi_Castellior	308	Max WS	658.18	74.26		74.54	65.00	0.001315	2.36	278.76	3.68	0.38
Elsa	Poggi_Castellior	307.75*	Max WS	629.83	74.27		74.50	64.75	0.001027	2.11	299.07	3.88	0.33
Elsa	Poggi_Castellior	307.5*	Max WS	602.57	74.28		74.46	64.50	0.000805	1.92	313.90	4.06	0.29
Elsa	Poggi_Castellior	307.25*	Max WS	568.94	74.28		74.44	64.25	0.000705	1.76	323.64	4.15	0.26
Elsa	Poggi_Castellior	307	Max WS	538.10	74.26		74.42	64.00	0.000513	1.76	308.71	4.61	0.24
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	509.28	74.21		74.40	63.80	0.000626	1.95	267.18	4.41	0.26
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	533.58	73.90		74.23	64.00	0.001026	2.55	219.09	4.02	0.33
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	600.59	73.52		73.95	63.74	0.001406	2.94	213.69	3.92	0.39
Elsa	Poggi_Castellior	304	Max WS	702.09	73.39		73.67	63.40	0.000826	2.37	300.89	4.92	0.31
Elsa	Poggi_Castellior	303.7	Max WS	810.80	72.84	70.45	73.41	63.80	0.001854	3.35	243.43	4.55	0.47
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	810.69	72.81		73.39	63.80	0.001884	3.37	242.19	4.53	0.47
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	745.21	72.59		73.15	63.80	0.002005	3.32	225.78	4.33	0.48
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	671.56	72.52		72.78	63.00	0.001148	2.24	300.06	3.82	0.35
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	552.56	72.08		72.41	63.00	0.001120	2.61	231.03	3.68	0.35
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	502.21	71.81		72.14	62.70	0.001269	2.56	196.40	4.23	0.37
Elsa	Poggi_Castellior	299.5	Max WS	533.17	71.86		71.93	61.57	0.000206	1.19	449.39	5.36	0.16
Elsa	Poggi_Castellior	299	Max WS	773.27	71.17		71.61	61.30	0.002131	3.01	269.20	3.33	0.47
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	742.06	70.86		71.33	61.20	0.001644	3.09	365.68	3.83	0.43
Elsa	Poggi_Castellior	298.62	Max WS	763.58	70.90		71.20	61.50	0.000762	2.51	454.06	4.85	0.31
Elsa	Poggi_Castellior	298.61	Max WS	764.76	70.95		71.16	61.50	0.000508	2.07	454.81	5.23	0.25
Elsa	Poggi_Castellior	298.6	Max WS	764.76	70.95		71.16	61.50	0.000743	2.08	372.81	4.32	0.28
Elsa	Poggi_Castellior	298.4	Max WS	764.71	70.94		71.15	61.50	0.000747	2.08	372.13	4.31	0.28
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	758.48	70.94		71.15	61.50	0.000623	2.04	374.08	5.05	0.27
Elsa	Poggi_Castellior	298.09	Max WS	692.02	70.77		71.05	60.57	0.001082	2.33	300.44	4.05	0.34
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	821.71	70.48		70.76	62.50	0.001246	2.32	354.63	3.79	0.37
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	829.55	69.62		70.25	61.70	0.002826	3.53	234.95	3.85	0.55
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295.95	Max WS	627.27	69.57		69.95	61.20	0.001366	2.71	232.40	4.28	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	740.64	68.59		69.16	62.20	0.002766	3.35	221.41	3.57	0.55
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	610.77	68.55		68.74	61.90	0.000880	1.94	315.56	3.75	0.31
Elsa	Poggi_Castellior	292	Max WS	453.01	68.34		68.63	61.90	0.001453	2.38	190.37	3.51	0.39
Elsa	Poggi_Castellior	291.75*	Max WS	444.70	68.34		68.58	61.93	0.001366	2.15	206.88	3.55	0.35
Elsa	Poggi_Castellior	291.5*	Max WS	437.90	68.33		68.53	61.95	0.001100	1.94	225.15	3.58	0.32
Elsa	Poggi_Castellior	291.25*	Max WS	432.38	68.33		68.49	61.97	0.000882	1.76	245.53	3.64	0.28
Elsa	Poggi_Castellior	291	Max WS	426.33	68.33		68.46	62.00	0.000598	1.59	268.30	3.72	0.25
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	551.31	67.54		67.96	61.90	0.002436	2.86	193.00	3.08	0.50
Elsa	Poggi_Castellior	289	Max WS	563.01	66.76		67.42	61.80	0.004749	3.60	156.42	2.69	0.69
Elsa	Poggi_Castellior	288	Max WS	564.34	67.04		67.27	62.00	0.001720	2.12	265.84	2.60	0.41
Elsa	Poggi_Castellior	287.6	Max WS	564.34	67.02	65.72	67.26	62.00	0.001755	2.13	264.43	2.59	0.42
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	564.34	66.90		66.93	58.70	0.000148	0.77	729.55	3.61	0.13
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	617.06	66.89		66.91	58.00	0.000095	0.70	892.56	4.23	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	751.67	66.66		66.85	58.90	0.001174	1.95	386.13	3.05	0.35
Elsa	Poggi_Castellior	283	Max WS	809.08	66.33		66.64	58.60	0.001853	2.48	359.94	3.12	0.44
Elsa	Poggi_Castellior	282	Max WS	808.03	66.17		66.57	58.50	0.002280	2.80	347.77	3.20	0.49
Elsa	Poggi_Castellior	281.9	Max WS	807.18	66.11	64.85	66.54	58.50	0.002433	2.92	339.40	3.24	0.50
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	808.03	66.25		66.45	58.80	0.000701	1.99	406.56	4.63	0.29
Elsa	Poggi_Castellior	281	Max WS	807.98	66.24		66.44	58.80	0.000705	1.99	405.84	4.62	0.29
Elsa	Poggi_Castellior	280	Max WS	807.63	66.20		66.40	58.00	0.000729	1.95	414.40	4.36	0.29
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	742.85	66.17		66.39	58.00	0.000704	2.08	359.91	4.68	0.29
Elsa	Poggi_Castellior	277	Max WS	741.80	66.17		66.39	58.00	0.000702	2.08	359.95	4.68	0.29
Elsa	Poggi_Castellior	276	Max WS	661.34	66.05		66.34	57.60	0.001110	2.39	276.33	4.33	0.35
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	637.72	65.81		66.24	57.88	0.001762	2.92	219.07	3.96	0.44
Elsa	Poggi_Castellior	273	Max WS	618.28	65.63		65.91	57.39	0.001148	2.35	262.76	4.12	0.36
Elsa	Poggi_Castellior	272	Max WS	608.87	65.59		65.78	56.94	0.000778	1.93	315.02	4.11	0.30
Elsa	Poggi_Castellior	271	Max WS	811.63	64.88		65.26	56.54	0.001844	2.76	294.12	3.67	0.44
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	781.72	64.72		65.04	56.53	0.001406	2.51	311.93	3.89	0.39
Elsa	Poggi_Castellior	269	Max WS	763.85	64.42		64.82	54.36	0.001639	2.80	272.37	4.10	0.42
Elsa	Poggi_Castellior	268	Max WS	748.88	63.90		64.32	54.91	0.002186	2.88	259.63	3.45	0.48
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	748.80	63.65		64.07	54.27	0.001842	2.88	260.25	3.91	0.44
Elsa	Poggi_Castellior	266	Max WS	748.77	63.53		63.89	54.22	0.001419	2.67	280.32	4.25	0.39
Elsa	Poggi_Castellior	265	Max WS	748.76	63.50		63.77	54.36	0.001224	2.33	320.85	3.88	0.36
Elsa	Poggi_Castellior	264	Max WS	742.84	63.19		63.56	53.78	0.001722	2.70	275.44	3.73	0.42
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	813.17	62.61		62.97	52.82	0.001976	2.65	306.85	3.28	0.45
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	729.43	62.19		62.57	52.86	0.001752	2.73	267.50	3.74	0.43
Elsa	Poggi_Castellior	261	Max WS	615.92	62.01		62.33	52.58	0.001493	2.48	248.04	3.67	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	615.91	61.98		62.28	52.66	0.001436	2.45	251.73	3.69	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	615.90	61.94		62.24	52.75	0.001402	2.41	255.51	3.68	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	615.90	61.90		62.19	52.83	0.001365	2.37	259.44	3.67	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	615.89	61.87		62.15	52.92	0.001321	2.34	263.45	3.67	0.38
Elsa	Poggi_Castellior	260.166*	Max WS	615.89	61.84		62.11	53.01	0.001276	2.30	267.53	3.68	0.37
Elsa	Poggi_Castellior	260	Max WS	615.87	61.81		62.07	53.09	0.001236	2.27	271.66	3.69	0.37
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	727.94	60.84		61.31	51.64	0.002376	3.06	238.18	3.53	0.49
Elsa	Poggi_Castellior	258	Max WS	668.65	60.64		61.04	51.94	0.001794	2.79	239.52	3.81	0.44
Elsa	Poggi_Castellior	257	Max WS	626.04	60.41		60.78	50.99	0.001586	2.70	232.14	3.97	0.40
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	522.37	60.37		60.70	51.39	0.001472	2.54	205.50	3.84	0.39
Elsa	Poggi_Castellior	255	Max WS	480.10	60.28		60.53	50.78	0.001000	2.19	221.68	3.81	0.33
Elsa	Poggi_Castellior	254	Max WS	500.02	60.10		60.42	51.95	0.001380	2.51	200.34	3.73	0.38
Elsa	Poggi_Castellior	253.7	Max WS	576.64	59.72		60.11	51.50	0.001868	2.78	207.43	3.67	0.44
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	554.26	59.49		59.83	51.30	0.001713	2.57	215.28	3.49	0.41
Elsa	Poggi_Castellior	253	Max WS	581.55	59.02		59.46	51.63	0.002053	2.96	201.75	3.29	0.47
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	504.01	58.75		59.15	50.91	0.001655	2.79	181.20	3.93	0.41
Elsa	Poggi_Castellior	251	Max WS	394.43	58.76		58.95	51.06	0.000845	1.95	203.97	3.59	0.30
Elsa	Poggi_Castellior	250	Max WS	327.25	58.65		58.87	50.57	0.000976	2.04	161.38	3.52	0.32
Elsa	Poggi_Castellior	249	Max WS	290.19	58.65		58.77	50.30	0.000338	1.49	230.09	5.19	0.20
Elsa	Poggi_Castellior	248.5*	Max WS	287.60	58.63		58.75	50.15	0.000429	1.56	229.08	5.22	0.21
Elsa	Poggi_Castellior	248	Max WS	289.48	58.62		58.74	49.99	0.000340	1.55	250.44	5.49	0.20
Elsa	Poggi_Castellior	247.666*	Max WS	293.73	58.61		58.73	49.82	0.000289	1.51	228.71	5.44	0.19
Elsa	Poggi_Castellior	247.333*	Max WS	302.87	58.58		58.71	49.64	0.000351	1.56	207.15	4.95	0.20
Elsa	Poggi_Castellior	247	Max WS	330.62	58.48		58.65	49.47	0.000639	1.83	183.87	4.02	0.25
Elsa	Poggi_Castellior	246.833*	Max WS	335.65	58.49		58.63	49.43	0.000492	1.71	203.84	4.47	0.23
Elsa	Poggi_Castellior	246.666*	Max WS	341.36	58.48		58.61	49.38	0.000444	1.64	221.80	4.62	0.22
Elsa	Poggi_Castellior	246.5*	Max WS	350.85	58.46		58.59	49.33	0.000436	1.61	237.80	4.66	0.22
Elsa	Poggi_Castellior	246.333*	Max WS	365.05	58.43		58.57	49.29	0.000457	1.63	251.84	4.76	0.23
Elsa	Poggi_Castellior	246.166*	Max WS	387.80	58.38		58.53	49.25	0.000524	1.71	263.28	4.61	0.24

HEC-RAS Plan: T200d06 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	422.52	58.31		58.49	49.20	0.000667	1.87	270.84	4.38	0.27
Elsa	Poggi_Castelfior	245.99											
Elsa	Poggi_Castelfior	245.9	Max WS	423.80	58.30		58.48	49.20	0.000673	1.88	270.65	4.38	0.27
Elsa	Poggi_Castelfior	244	Max WS	618.92	57.57		57.97	49.36	0.001585	2.83	218.96	4.26	0.40
Elsa	Poggi_Castelfior	243.98											
Elsa	Poggi_Castelfior	243	Max WS	581.73	57.55		57.96	49.36	0.001210	2.47	236.80	4.07	0.37
Elsa	Poggi_Castelfior	242	Max WS	547.82	57.49		57.67	48.45	0.000639	1.91	288.24	4.47	0.27
Elsa	Poggi_Castelfior	241.59											
Elsa	Poggi_Castelfior	241	Max WS	576.57	57.08		57.41	48.42	0.001290	2.57	224.12	4.31	0.37
Elsa	Poggi_Castelfior	240.857*	Max WS	567.50	57.05		57.39	48.39	0.001298	2.56	221.49	4.27	0.38
Elsa	Poggi_Castelfior	240.714*	Max WS	558.92	57.04		57.36	48.36	0.001278	2.53	220.66	4.24	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	551.11	57.02		57.34	48.33	0.001234	2.49	221.57	4.24	0.37
Elsa	Poggi_Castelfior	240.428*	Max WS	543.65	57.01		57.31	48.31	0.001165	2.42	224.33	4.26	0.35
Elsa	Poggi_Castelfior	240.285*	Max WS	535.85	57.01		57.29	48.28	0.001072	2.34	228.97	4.30	0.34
Elsa	Poggi_Castelfior	240.142*	Max WS	525.69	57.02		57.27	48.25	0.000954	2.23	235.68	4.37	0.32
Elsa	Poggi_Castelfior	240	Max WS	509.92	57.04		57.26	48.22	0.000810	2.08	244.59	4.46	0.29
Elsa	Poggi_Castelfior	239	Max WS	695.87	56.52		56.91	47.84	0.001254	2.75	252.61	4.88	0.37
Elsa	Poggi_Castelfior	238.99											
Elsa	Poggi_Castelfior	238.98											
Elsa	Poggi_Castelfior	238.88											
Elsa	Poggi_Castelfior	238	Max WS	651.73	56.28		56.71	48.07	0.001925	2.90	224.71	3.76	0.45
Elsa	Poggi_Castelfior	237	Max WS	654.12	56.15		56.57	48.60	0.001815	2.86	229.03	3.91	0.44
Elsa	Poggi_Castelfior	236	Max WS	652.78	56.27		56.55	48.21	0.001127	2.36	276.73	4.19	0.35
Elsa	Poggi_Castelfior	235	Max WS	646.60	56.21		56.52	47.79	0.001359	2.44	265.17	3.83	0.38
Elsa	Poggi_Castelfior	234	Max WS	637.97	56.25		56.48	47.30	0.000973	2.12	301.16	3.98	0.32
Elsa	Poggi_Castelfior	233	Max WS	562.02	56.21		56.36	48.23	0.000577	1.73	326.11	4.22	0.26
Elsa	Poggi_Castelfior	232	Max WS	570.82	55.22		55.76	48.71	0.003795	3.27	174.70	2.75	0.61
Elsa	Poggi_Castelfior	231	Max WS	616.86	54.92		55.17	47.01	0.001270	2.24	275.52	3.54	0.37
Elsa	Poggi_Castelfior	230.99											
Elsa	Poggi_Castelfior	230	Max WS	610.67	54.55		54.88	46.02	0.001794	2.54	241.10	3.23	0.43
Elsa	Poggi_Castelfior	228	Max WS	434.46	54.37		54.47	46.35	0.000344	1.39	313.31	4.60	0.20
Elsa	Poggi_Castelfior	227	Max WS	565.81	54.25		54.37	45.96	0.000394	1.48	382.50	4.43	0.21
Elsa	Poggi_Castelfior	226	Max WS	569.61	53.91		54.12	45.51	0.000942	2.02	282.17	3.80	0.32

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	590.41	91.15		92.07	84.18	0.004835	4.25	138.93	3.40	0.70
Elsa	Poggi_Castelfior	357.2	Max WS	590.38	91.15		92.05	84.15	0.004728	4.22	140.03	3.42	0.70
Elsa	Poggi_Castelfior	357	Max WS	590.50	91.32		91.48	84.25	0.000726	1.74	339.73	3.69	0.28
Elsa	Poggi_Castelfior	356	Max WS	590.49	91.23		91.40	84.60	0.000845	1.84	321.39	3.58	0.30
Elsa	Poggi_Castelfior	355	Max WS	590.44	91.05		91.24	83.39	0.000870	1.92	307.61	3.74	0.31
Elsa	Poggi_Castelfior	354	Max WS	590.37	90.90		91.19	83.34	0.001286	2.37	249.34	3.82	0.38
Elsa	Poggi_Castelfior	353.9	Max WS	590.38	90.93	87.99	91.17	83.17	0.000954	2.15	274.80	4.13	0.33
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	353.1	Max WS	590.39	90.91		91.15	83.17	0.000969	2.16	273.41	4.11	0.33
Elsa	Poggi_Castelfior	353	Max WS	590.39	90.90		91.14	82.70	0.000869	2.16	273.52	4.46	0.32
Elsa	Poggi_Castelfior	352	Max WS	590.40	90.92		91.09	82.60	0.000649	1.82	323.89	4.31	0.27
Elsa	Poggi_Castelfior	351	Max WS	590.38	90.57		90.91	81.90	0.001333	2.56	230.75	4.18	0.38
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	580.03	90.38		90.78	82.08	0.001351	2.86	210.54	4.31	0.39
Elsa	Poggi_Castelfior	350.33	Max WS	569.44	90.27		90.67	81.63	0.001357	2.81	205.07	4.44	0.38
Elsa	Poggi_Castelfior	350	Max WS	589.39	90.14		90.55	81.70	0.001733	2.83	209.01	3.84	0.43
Elsa	Poggi_Castelfior	349	Max WS	771.36	89.69		90.21	81.40	0.001548	3.19	247.24	4.59	0.42
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	768.05	89.68		90.20	81.40	0.001541	3.18	246.84	4.58	0.42
Elsa	Poggi_Castelfior	348.5	Max WS	767.85	89.14		89.79	81.24	0.002322	3.65	230.30	3.13	0.50
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	761.88	88.88		89.58	80.83	0.003060	3.73	214.80	1.87	0.57
Elsa	Poggi_Castelfior	347.5	Max WS	758.20	89.06		89.27	79.61	0.000717	2.31	450.86	2.78	0.27
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	736.56	88.69		89.06	80.40	0.001494	2.70	281.88	3.34	0.41
Elsa	Poggi_Castelfior	346.5	Max WS	716.13	88.80		88.86	79.50	0.000209	1.11	661.83	4.36	0.16
Elsa	Poggi_Castelfior	346	Max WS	636.93	88.75		88.84	79.51	0.000398	1.34	474.36	3.79	0.21
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	611.07	88.66		88.79	79.47	0.000542	1.56	403.01	3.60	0.25
Elsa	Poggi_Castelfior	345	Max WS	763.31	87.86		88.47	78.83	0.002672	3.49	223.55	3.52	0.54
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	755.97	87.64		88.14	79.03	0.002312	3.13	241.46	3.74	0.49
Elsa	Poggi_Castelfior	344	Max WS	762.66	87.08		87.93	79.80	0.004734	4.07	187.21	3.24	0.70
Elsa	Poggi_Castelfior	343	Max WS	762.22	86.47		87.03	77.80	0.002511	3.32	232.72	3.54	0.52
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	706.63	85.86		86.37	77.80	0.002245	3.15	227.23	3.39	0.50
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	745.02	85.50		85.90	77.00	0.001268	2.81	267.57	4.21	0.38
Elsa	Poggi_Castelfior	341.5	Max WS	744.94	85.49		85.88	77.00	0.001250	2.76	270.81	4.63	0.38
Elsa	Poggi_Castelfior	341.4	Max WS	744.39	85.43		85.86	77.00	0.001403	2.92	258.40	4.15	0.40
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	675.46	85.31		85.51	77.30	0.000755	2.00	349.27	3.71	0.30
Elsa	Poggi_Castelfior	340	Max WS	651.76	85.30		85.43	77.70	0.000537	1.63	400.53	4.19	0.25
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	637.88	85.18		85.41	76.80	0.000972	2.14	368.09	3.85	0.33
Elsa	Poggi_Castelfior	338	Max WS	664.78	83.85		84.51	75.80	0.003107	3.60	217.43	3.49	0.57
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	671.86	83.62		83.94	75.60	0.001493	2.51	267.29	3.73	0.40
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	696.07	83.27		83.65	75.60	0.001388	2.77	257.22	4.01	0.40
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	704.29	83.15		83.45	74.60	0.001011	2.42	290.79	4.73	0.33
Elsa	Poggi_Castelfior	334	Max WS	745.52	82.39		82.83	74.40	0.003491	3.05	263.06	2.19	0.58
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	745.44	81.91		82.33	74.60	0.001694	3.01	305.43	4.13	0.44
Elsa	Poggi_Castelfior	333	Max WS	745.44	81.84		82.19	74.60	0.001452	2.80	526.02	4.12	0.41
Elsa	Poggi_Castelfior	332.5	Max WS	745.42	81.73		82.08	74.49	0.001831	2.70	511.78	3.58	0.39
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	745.42	81.54		81.90	74.29	0.001503	2.84	518.54	4.08	0.41
Elsa	Poggi_Castelfior	332	Max WS	745.09	81.70		81.86	74.20	0.000726	1.77	421.20	3.77	0.29
Elsa	Poggi_Castelfior	331	Max WS	743.97	81.44	78.15	81.81	73.50	0.000987	2.68	279.18	5.29	0.34
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	743.97	81.40		81.75	73.50	0.001081	2.64	281.56	5.13	0.35
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	741.35	81.01		81.70	73.65	0.002531	3.70	201.02	4.15	0.53
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	733.14	81.23		81.62	72.60	0.001727	2.77	265.01	3.87	0.43
Elsa	Poggi_Castelfior	328	Max WS	716.74	80.98		81.39	72.60	0.001711	2.81	255.43	3.80	0.43
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	713.21	80.83		81.31	72.60	0.002268	3.08	231.30	3.71	0.50
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	708.61	80.25		80.73	72.50	0.002807	3.06	231.38	3.13	0.54
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	663.41	79.77		80.07	72.20	0.001420	2.43	273.11	3.68	0.39
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	468.43	79.67		80.03	72.30	0.001884	2.66	176.07	3.42	0.44
Elsa	Poggi_Castelfior	323.857*	Max WS	468.41	79.61		79.95	72.31	0.001806	2.58	181.40	3.37	0.44
Elsa	Poggi_Castelfior	323.714*	Max WS	463.99	79.57		79.88	72.31	0.001672	2.47	188.02	3.34	0.42
Elsa	Poggi_Castelfior	323.571*	Max WS	419.74	79.66		79.88	72.32	0.001138	2.08	201.61	3.45	0.35
Elsa	Poggi_Castelfior	323.428*	Max WS	414.73	79.64		79.84	72.33	0.001003	1.97	210.11	3.48	0.33
Elsa	Poggi_Castelfior	323.285*	Max WS	404.70	79.63		79.80	72.34	0.000865	1.84	219.70	3.53	0.30
Elsa	Poggi_Castelfior	323.142*	Max WS	387.99	79.64		79.78	72.34	0.000694	1.68	230.42	3.59	0.28
Elsa	Poggi_Castelfior	323	Max WS	362.70	79.66		79.77	72.35	0.000545	1.50	242.33	3.65	0.24
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	503.66	78.95		79.17	72.32	0.001860	2.10	239.37	2.43	0.43
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	500.98	78.47		78.78	72.30	0.001909	2.45	204.83	2.98	0.44
Elsa	Poggi_Castelfior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	491.06	77.96		78.35	71.80	0.002911	2.78	176.39	2.64	0.54
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	370.62	77.38		77.67	71.60	0.001316	2.41	166.02	2.94	0.37
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	530.36	76.85		77.12	71.20	0.001026	2.29	231.88	4.21	0.34
Elsa	Poggi_Castellior	317.6	Max WS	535.78	76.90		77.11	71.20	0.000797	2.03	266.56	3.97	0.30
Elsa	Poggi_Castellior	317.56	Max WS	543.36	76.86		77.08	71.20	0.000977	2.10	259.33	3.76	0.32
Elsa	Poggi_Castellior	317.54	Max WS	543.32	76.84		77.07	71.20	0.000986	2.11	259.38	3.68	0.32
Elsa	Poggi_Castellior	317.5	Max WS	543.31	76.84		77.07	71.20	0.000905	2.10	259.49	3.91	0.32
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	535.64	76.85		77.06	71.20	0.000844	2.05	262.61	4.00	0.31
Elsa	Poggi_Castellior	317.32*	Max WS	522.36	76.82		77.05	71.17	0.000950	2.13	245.71	3.92	0.33
Elsa	Poggi_Castellior	317.24*	Max WS	512.67	76.77		77.03	71.14	0.001118	2.25	227.81	3.80	0.35
Elsa	Poggi_Castellior	317.16*	Max WS	505.18	76.70		77.00	71.12	0.001379	2.42	208.85	3.67	0.39
Elsa	Poggi_Castellior	317.08*	Max WS	497.70	76.61		76.97	71.09	0.001768	2.64	188.84	3.50	0.44
Elsa	Poggi_Castellior	317	Max WS	490.61	76.48		76.92	71.06	0.002477	2.94	166.67	3.24	0.51
Elsa	Poggi_Castellior	316.5*	Max WS	486.61	76.52		76.86	71.14	0.001923	2.58	188.63	3.34	0.44
Elsa	Poggi_Castellior	316	Max WS	490.84	76.39	74.97	76.79	71.22	0.002251	2.82	175.23	2.95	0.49
Elsa	Poggi_Castellior	315.5		Inl Struct									
Elsa	Poggi_Castellior	315	Max WS	489.27	75.81		75.85	67.50	0.000108	0.91	539.81	5.79	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	527.79	75.72		75.83	67.40	0.000367	1.52	347.80	4.92	0.21
Elsa	Poggi_Castellior	313	Max WS	527.44	75.62		75.82	67.30	0.000787	2.01	275.74	4.32	0.29
Elsa	Poggi_Castellior	312.9	Max WS	527.43	75.61	71.81	75.82	67.30	0.000772	2.01	275.81	4.31	0.29
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	527.16	75.56		75.81	67.30	0.000791	2.22	241.88	4.51	0.29
Elsa	Poggi_Castellior	312	Max WS	527.13	75.55		75.80	67.30	0.000791	2.22	242.08	4.51	0.29
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	536.73	75.33		75.76	67.30	0.001791	2.89	185.59	3.96	0.44
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	540.36	75.26		75.63	67.06	0.001527	2.71	199.26	4.11	0.41
Elsa	Poggi_Castellior	310.6*	Max WS	550.42	75.17		75.51	66.82	0.001368	2.58	213.23	4.10	0.39
Elsa	Poggi_Castellior	310.4*	Max WS	544.93	75.14		75.42	66.58	0.001103	2.36	230.62	4.22	0.35
Elsa	Poggi_Castellior	310.2*	Max WS	509.58	75.18		75.39	66.34	0.000764	2.02	252.20	4.38	0.29
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	493.19	75.18		75.34	66.10	0.000589	1.81	272.54	4.50	0.26
Elsa	Poggi_Castellior	309.8*	Max WS	535.70	75.06		75.26	65.92	0.000771	1.97	271.94	4.35	0.29
Elsa	Poggi_Castellior	309.6*	Max WS	610.23	74.85		75.13	65.74	0.001182	2.31	263.91	4.09	0.35
Elsa	Poggi_Castellior	309.4*	Max WS	699.06	74.50		74.91	65.56	0.002067	2.85	245.23	3.82	0.45
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	691.85	74.33		74.76	65.38	0.002226	2.91	237.36	3.74	0.46
Elsa	Poggi_Castellior	309	Max WS	663.64	74.24		74.65	65.20	0.001861	2.82	235.01	3.77	0.45
Elsa	Poggi_Castellior	308.8*	Max WS	660.61	74.13		74.52	65.16	0.002064	2.80	236.18	3.72	0.45
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	649.37	74.02		74.40	65.12	0.002007	2.73	237.65	3.63	0.44
Elsa	Poggi_Castellior	308.4*	Max WS	619.62	73.98		74.32	65.08	0.001750	2.55	242.98	3.48	0.42
Elsa	Poggi_Castellior	308.2*	Max WS	595.57	73.94		74.23	65.04	0.001565	2.40	248.28	3.45	0.40
Elsa	Poggi_Castellior	308	Max WS	576.73	73.89		74.16	65.00	0.001354	2.28	253.12	3.42	0.38
Elsa	Poggi_Castellior	307.75*	Max WS	561.81	73.88		74.10	64.75	0.001106	2.08	270.91	3.60	0.34
Elsa	Poggi_Castellior	307.5*	Max WS	539.95	73.87		74.06	64.50	0.000885	1.90	284.98	3.72	0.30
Elsa	Poggi_Castellior	307.25*	Max WS	516.78	73.87		74.02	64.25	0.000792	1.76	293.79	3.81	0.28
Elsa	Poggi_Castellior	307	Max WS	504.85	73.83		73.99	64.00	0.000594	1.80	282.81	4.28	0.26
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	490.85	73.75		73.97	63.80	0.000771	2.06	243.17	4.07	0.29
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	524.59	73.34		73.73	64.00	0.001416	2.80	193.18	3.62	0.39
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	551.94	73.02		73.47	63.74	0.001643	2.99	190.29	3.56	0.41
Elsa	Poggi_Castellior	304	Max WS	602.51	72.98		73.22	63.40	0.000747	2.19	278.58	4.72	0.30
Elsa	Poggi_Castellior	303.7	Max WS	673.57	72.59	69.94	73.02	63.80	0.001508	2.93	231.31	4.37	0.42
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	673.55	72.57		73.01	63.80	0.001529	2.94	230.35	4.35	0.42
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	636.72	72.32		72.78	63.80	0.001738	3.00	212.81	4.16	0.44
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	580.11	72.22		72.44	63.00	0.001091	2.08	278.24	3.57	0.34
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	497.67	71.77		72.08	63.00	0.001120	2.52	213.75	3.44	0.35
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	498.15	71.27		71.68	62.70	0.001790	2.85	174.60	3.89	0.44
Elsa	Poggi_Castellior	299.5	Max WS	493.45	71.35		71.42	61.57	0.000236	1.20	409.60	4.94	0.17
Elsa	Poggi_Castellior	299	Max WS	657.64	70.69		71.12	61.30	0.002322	2.93	234.72	2.97	0.49
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	644.96	70.33		70.79	61.20	0.001821	3.03	289.71	3.38	0.44
Elsa	Poggi_Castellior	298.62	Max WS	648.12	70.40		70.67	61.50	0.000732	2.34	394.17	4.42	0.30
Elsa	Poggi_Castellior	298.61	Max WS	643.47	70.46		70.64	61.50	0.000465	1.89	406.35	4.83	0.23
Elsa	Poggi_Castellior	298.6	Max WS	643.47	70.45		70.64	61.50	0.000692	1.92	338.43	4.09	0.27
Elsa	Poggi_Castellior	298.4	Max WS	643.51	70.44		70.63	61.50	0.000696	1.92	337.80	4.08	0.27
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	639.34	70.45		70.63	61.50	0.000583	1.88	342.02	4.71	0.26
Elsa	Poggi_Castellior	298.09	Max WS	580.38	70.28		70.52	60.57	0.001076	2.18	268.75	3.69	0.34
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	673.71	70.03		70.26	62.50	0.001167	2.14	314.27	3.54	0.36
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	678.45	69.34		69.83	61.70	0.002340	3.09	219.21	3.64	0.50
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	543.92	69.15		69.49	61.20	0.001363	2.58	211.82	4.00	0.39
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	623.98	68.32		68.79	62.20	0.002464	3.03	205.83	3.37	0.51
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	511.71	68.26		68.41	61.90	0.000788	1.75	292.10	3.51	0.29
Elsa	Poggi_Castellior	292	Max WS	380.00	68.07		68.31	61.90	0.001276	2.15	176.84	3.32	0.36
Elsa	Poggi_Castellior	291.75*	Max WS	370.43	68.07		68.26	61.93	0.001184	1.93	192.35	3.35	0.33
Elsa	Poggi_Castellior	291.5*	Max WS	360.91	68.07		68.22	61.95	0.000929	1.72	209.87	3.39	0.29
Elsa	Poggi_Castellior	291.25*	Max WS	351.64	68.07		68.19	61.97	0.000721	1.53	229.57	3.45	0.25
Elsa	Poggi_Castellior	291	Max WS	341.33	68.08		68.17	62.00	0.000470	1.36	251.67	3.52	0.22
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	493.16	67.24		67.64	61.90	0.002666	2.82	174.75	2.84	0.52
Elsa	Poggi_Castellior	289	Max WS	490.48	66.45		67.08	61.80	0.005217	3.53	138.88	2.43	0.71
Elsa	Poggi_Castellior	288	Max WS	490.51	66.69		66.92	62.00	0.002026	2.12	231.43	2.30	0.44
Elsa	Poggi_Castellior	287.6	Max WS	490.52	66.67	65.51	66.90	62.00	0.002069	2.13	229.85	2.29	0.44
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	490.51	66.54		66.57	58.70	0.000156	0.74	659.72	3.27	0.13
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	533.88	66.53		66.56	58.00	0.000094	0.66	820.20	3.90	0.10
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	634.23	66.32		66.50	58.90	0.001201	1.84	345.32	2.75	0.35
Elsa	Poggi_Castellior	283	Max WS	668.48	66.05		66.31	58.60	0.001708	2.24	319.55	2.85	0.42
Elsa	Poggi_Castellior	282	Max WS	668.36	65.93		66.24	58.50	0.002004	2.50	314.95	2.97	0.45
Elsa	Poggi_Castellior	281.9	Max WS	667.98	65.88	64.43	66.22	58.50	0.002099	2.59	308.59	3.02	0.46
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	668.41	66.00		66.15	58.80	0.000554	1.73	385.92	4.49	0.26
Elsa	Poggi_Castellior	281	Max WS	668.40	65.99		66.15	58.80	0.000556	1.73	385.39	4.49	0.26
Elsa	Poggi_Castellior	280	Max WS	668.38	65.97		66.11	58.00	0.000587	1.70	392.72	4.19	0.26
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	624.99	65.92		66.10	58.00	0.000575	1.84	342.60	4.52	0.26
Elsa	Poggi_Castellior	277	Max WS	624.28	65.92		66.10	58.00	0.000574	1.83	342.60	4.52	0.26
Elsa	Poggi_Castellior	276	Max WS	586.79	65.77		66.03	57.60	0.001055	2.25	260.25	4.12	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	583.81	65.49		65.91	57.88	0.001820	2.87	203.63	3.92	0.44
Elsa	Poggi_Castellior	273	Max WS	583.72	65.23		65.53	57.39	0.001357	2.44	239.13	3.84	0.38
Elsa	Poggi_Castellior	272	Max WS	583.72	65.14		65.36	56.94	0.000984	2.06	282.95	3.80	0.33
Elsa	Poggi_Castellior	271	Max WS	678.17	64.62		64.93	56.54	0.001586	2.46	275.22	3.46	0.41
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	673.62	64.44		64.71	56.53	0.001292	2.31	291.47	3.67	0.37
Elsa	Poggi_Castellior	269	Max WS	673.48	64.14		64.49	54.36	0.001548	2.63	255.74	3.90	0.41
Elsa	Poggi_Castellior	268	Max WS	673.31	63.56		63.98	54.91	0.002332	2.85	236.32	3.23	0.49
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	673.22	63.31		63.71	54.27	0.001917	2.80	240.25	3.64	0.44
Elsa	Poggi_Castellior	266	Max WS	673.19	63.18		63.52	54.22	0.001451	2.59	259.56	4.00	0.40
Elsa	Poggi_Castellior	265	Max WS	673.17	63.13		63.40	54.36	0.001315	2.30	292.83	3.59	0.37
Elsa	Poggi_Castellior	264	Max WS	673.00	62.78		63.15	53.78	0.001930	2.70	248.83	3.44	0.44
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	677.61	62.33		62.63	52.82	0.001775	2.39	283.10	3.05	0.42
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	611.49	61.98		62.27	52.86	0.001454	2.41	253.62	3.58	0.39
Elsa	Poggi_Castellior	261	Max WS	550.18	61.71		62.01	52.58	0.001503	2.40	229.52	3.46	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	550.15	61.68		61.96	52.66	0.001445	2.36	232.85	3.49	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	550.14	61.64		61.92	52.75	0.001393	2.33	236.26	3.51	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	550.14	61.60		61.87	52.83	0.001345	2.29	239.79	3.52	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	550.12	61.57		61.83	52.92	0.001303	2.26	243.40	3.53	0.37
Elsa	Poggi_Castellior	260.166*	Max WS	550.12	61.54		61.79	53.01	0.001265	2.23	247.07	3.53	0.37
Elsa	Poggi_Castellior	260	Max WS	550.11	61.50		61.75	53.09	0.001233	2.19	250.85	3.51	0.36
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	637.83	60.87		61.07	51.64	0.002094	2.80	227.87	3.40	0.46
Elsa	Poggi_Castellior	258	Max WS	596.57	60.46		60.80	51.94	0.001638	2.60	229.14	3.67	0.42
Elsa	Poggi_Castellior	257	Max WS	572.76	60.21		60.55	50.99	0.001524	2.58	221.68	3.83	0.40
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	489.63	60.12		60.44	51.39	0.001554	2.53	193.77	3.65	0.40
Elsa	Poggi_Castellior	255	Max WS	459.51	60.00		60.25	50.78	0.001140	2.24	207.14	3.59	0.35
Elsa	Poggi_Castellior	254	Max WS	477.33	59.80		60.13	51.95	0.001598	2.57	186.12	3.50	0.41
Elsa	Poggi_Castellior	253.7	Max WS	540.04	59.43		59.82	51.50	0.002061	2.80	192.82	3.45	0.45
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	504.09	59.24		59.56	51.30	0.001745	2.50	201.56	3.30	0.41
Elsa	Poggi_Castellior	253	Max WS	517.83	58.84		59.23	51.63	0.001906	2.76	191.70	3.14	0.45
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	486.78	58.44		58.86	50.91	0.001934	2.89	168.73	3.71	0.44
Elsa	Poggi_Castellior	251	Max WS	385.67	58.43		58.65	51.06	0.001060	2.07	187.66	3.34	0.33
Elsa	Poggi_Castellior	250	Max WS	319.31	58.30		58.54	50.57	0.001228	2.18	147.25	3.26	0.35
Elsa	Poggi_Castellior	249	Max WS	300.36	58.25		58.39	50.30	0.000454	1.66	212.11	4.88	0.23
Elsa	Poggi_Castellior	248.5*	Max WS	304.27	58.21		58.37	50.15	0.000607	1.78	211.22	4.90	0.24
Elsa	Poggi_Castellior	248	Max WS	311.49	58.18		58.34	49.99	0.000490	1.79	233.03	5.19	0.23
Elsa	Poggi_Castellior	247.666*	Max WS	321.77	58.16		58.32	49.82	0.000443	1.78	211.18	5.11	0.23
Elsa	Poggi_Castellior	247.333*	Max WS	333.16	58.11		58.29	49.64	0.000558	1.86	189.49	4.61	0.25
Elsa	Poggi_Castellior	247	Max WS	350.11	58.00		58.23	49.47	0.000967	2.13	166.40	3.72	0.30
Elsa	Poggi_Castellior	246.833*	Max WS	352.05	58.01		58.21	49.43	0.000734	1.97	184.48	4.11	0.28
Elsa	Poggi_Castellior	246.666*	Max WS	353.58	58.01		58.18	49.38	0.000643	1.86	200.58	4.24	0.27
Elsa	Poggi_Castellior	246.5*	Max WS	356.05	58.00		58.16	49.33	0.000590	1.79	215.37	4.51	0.26
Elsa	Poggi_Castellior	246.333*	Max WS	361.89	57.98		58.14	49.29	0.000585	1.77	228.20	4.46	0.25
Elsa	Poggi_Castellior	246.166*	Max WS	373.17	57.94		58.11	49.25	0.000637	1.80	238.26	4.30	0.26

HEC-RAS Plan: T100d06 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	394.18	57.88		58.06	49.20	0.000770	1.91	244.65	4.06	0.29
Elsa	Poggi_Castelfior	245.99											
Elsa	Poggi_Castelfior	245.9	Max WS	394.97	57.88		58.06	49.20	0.000775	1.91	244.50	4.06	0.29
Elsa	Poggi_Castelfior	244	Max WS	530.36	57.29		57.63	49.36	0.001370	2.56	206.98	4.10	0.38
Elsa	Poggi_Castelfior	243.98											
Elsa	Poggi_Castelfior	243	Max WS	491.52	57.28		57.53	49.36	0.001034	2.21	223.25	3.90	0.34
Elsa	Poggi_Castelfior	242	Max WS	470.66	57.22		57.37	48.45	0.000562	1.73	272.84	4.27	0.25
Elsa	Poggi_Castelfior	241.59											
Elsa	Poggi_Castelfior	241	Max WS	521.19	56.80		57.11	48.42	0.001250	2.47	211.35	4.14	0.37
Elsa	Poggi_Castelfior	240.857*	Max WS	514.92	56.77		57.08	48.39	0.001277	2.47	208.41	4.09	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	507.77	56.75		57.06	48.36	0.001268	2.45	207.39	4.06	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	501.36	56.73		57.03	48.33	0.001233	2.41	208.15	4.04	0.36
Elsa	Poggi_Castelfior	240.428*	Max WS	496.63	56.72		57.00	48.31	0.001180	2.36	210.56	4.05	0.35
Elsa	Poggi_Castelfior	240.285*	Max WS	494.00	56.70		56.97	48.28	0.001114	2.30	214.59	4.08	0.34
Elsa	Poggi_Castelfior	240.142*	Max WS	493.39	56.69		56.94	48.25	0.001036	2.24	220.22	4.13	0.33
Elsa	Poggi_Castelfior	240	Max WS	493.64	56.68		56.92	48.22	0.000948	2.17	227.57	4.21	0.32
Elsa	Poggi_Castelfior	239	Max WS	615.95	56.30		56.63	47.84	0.001105	2.54	242.66	4.75	0.35
Elsa	Poggi_Castelfior	238.99											
Elsa	Poggi_Castelfior	238.98											
Elsa	Poggi_Castelfior	238.88											
Elsa	Poggi_Castelfior	238	Max WS	572.35	56.09		56.46	48.07	0.001712	2.67	214.63	3.62	0.43
Elsa	Poggi_Castelfior	237	Max WS	570.07	56.00		56.34	48.60	0.001535	2.58	220.78	3.81	0.41
Elsa	Poggi_Castelfior	236	Max WS	569.69	56.09		56.33	48.21	0.000972	2.14	266.03	4.05	0.33
Elsa	Poggi_Castelfior	235	Max WS	567.11	56.04		56.29	47.79	0.001188	2.23	253.97	3.71	0.36
Elsa	Poggi_Castelfior	234	Max WS	561.44	56.07		56.26	47.30	0.000863	1.95	288.54	3.84	0.30
Elsa	Poggi_Castelfior	233	Max WS	519.00	55.99		56.14	48.23	0.000574	1.67	310.87	4.05	0.25
Elsa	Poggi_Castelfior	232	Max WS	525.28	54.86		55.46	48.71	0.004382	3.43	153.19	2.65	0.65
Elsa	Poggi_Castelfior	231	Max WS	558.38	54.52		54.78	47.01	0.001441	2.26	246.90	3.27	0.39
Elsa	Poggi_Castelfior	230.99											
Elsa	Poggi_Castelfior	230	Max WS	424.95	54.25		54.44	46.02	0.001137	1.92	220.87	3.07	0.34
Elsa	Poggi_Castelfior	228	Max WS	423.85	54.20		54.30	46.35	0.000365	1.40	302.35	4.47	0.21
Elsa	Poggi_Castelfior	227	Max WS	532.97	54.07		54.18	45.96	0.000396	1.45	367.43	4.27	0.21
Elsa	Poggi_Castelfior	226	Max WS	532.95	53.74		53.94	45.51	0.000941	1.97	270.27	3.67	0.32

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	357.3	Max WS	413.32	90.18		90.97	84.18	0.005360	3.96	104.39	2.83	0.72
Elsa	Poggi_Castellior	357.2	Max WS	413.32	90.17		90.96	84.15	0.005223	3.92	105.33	2.85	0.71
Elsa	Poggi_Castellior	357	Max WS	413.32	90.22		90.36	84.25	0.000795	1.65	250.29	3.19	0.29
Elsa	Poggi_Castellior	356	Max WS	413.32	90.11		90.27	84.60	0.000963	1.79	230.61	3.12	0.32
Elsa	Poggi_Castellior	355	Max WS	413.32	89.88		90.07	83.39	0.001219	1.89	218.25	2.84	0.35
Elsa	Poggi_Castellior	354	Max WS	413.31	89.73		90.00	83.34	0.001570	2.29	180.51	3.13	0.40
Elsa	Poggi_Castellior	353.9	Max WS	413.31	89.77	87.22	89.98	83.17	0.001072	2.01	205.27	3.43	0.34
Elsa	Poggi_Castellior	353.5											
Elsa	Poggi_Castellior	353.1	Max WS	413.31	89.75		89.96	83.17	0.001092	2.03	203.94	3.42	0.34
Elsa	Poggi_Castellior	353	Max WS	413.31	89.76		89.95	82.70	0.000910	1.97	210.13	3.75	0.31
Elsa	Poggi_Castellior	352	Max WS	413.30	89.75		89.89	82.60	0.000728	1.70	243.56	3.55	0.28
Elsa	Poggi_Castellior	351	Max WS	413.28	89.43		89.72	81.90	0.001166	2.35	175.93	4.06	0.35
Elsa	Poggi_Castellior	350.99		Lat Struct									
Elsa	Poggi_Castellior	350.66	Max WS	413.21	89.24		89.58	82.08	0.001412	2.61	162.13	3.58	0.39
Elsa	Poggi_Castellior	350.33	Max WS	413.17	89.12		89.45	81.63	0.001435	2.56	161.59	3.76	0.38
Elsa	Poggi_Castellior	350	Max WS	413.14	88.99		89.35	81.70	0.002028	2.66	155.33	3.23	0.45
Elsa	Poggi_Castellior	349	Max WS	536.15	88.89		89.05	81.40	0.001288	2.69	200.27	4.20	0.38
Elsa	Poggi_Castellior	348.99		Lat Struct									
Elsa	Poggi_Castellior	348.9	Max WS	536.13	88.87		89.04	81.40	0.001299	2.70	199.61	4.20	0.38
Elsa	Poggi_Castellior	348.5	Max WS	535.65	88.12		88.66	81.24	0.002303	3.28	165.17	2.94	0.49
Elsa	Poggi_Castellior	348.48		Lat Struct									
Elsa	Poggi_Castellior	348	Max WS	535.38	87.88		88.46	80.83	0.002785	3.36	159.45	3.61	0.53
Elsa	Poggi_Castellior	347.5	Max WS	535.55	88.03		88.25	79.61	0.000796	2.25	299.79	2.30	0.28
Elsa	Poggi_Castellior	347.49		Lat Struct									
Elsa	Poggi_Castellior	347	Max WS	535.32	87.72		88.04	80.40	0.001737	2.54	210.86	3.38	0.43
Elsa	Poggi_Castellior	346.5	Max WS	527.98	87.78		87.84	79.50	0.000251	1.04	514.68	3.44	0.17
Elsa	Poggi_Castellior	346	Max WS	484.41	87.71		87.80	79.51	0.000570	1.35	358.25	3.03	0.24
Elsa	Poggi_Castellior	345.98		Lat Struct									
Elsa	Poggi_Castellior	345.5	Max WS	487.54	87.58		87.72	79.47	0.000565	1.63	304.67	3.53	0.25
Elsa	Poggi_Castellior	345	Max WS	532.84	87.01		87.48	78.83	0.002253	3.03	176.38	3.14	0.48
Elsa	Poggi_Castellior	344.99		Lat Struct									
Elsa	Poggi_Castellior	344.98		Lat Struct									
Elsa	Poggi_Castellior	344.5	Max WS	532.83	86.82		87.19	79.03	0.001973	2.73	195.20	3.43	0.44
Elsa	Poggi_Castellior	344	Max WS	532.79	86.35		87.00	79.80	0.004575	3.58	148.72	2.74	0.67
Elsa	Poggi_Castellior	343	Max WS	532.71	85.81		86.19	77.80	0.001909	2.75	194.15	3.25	0.45
Elsa	Poggi_Castellior	342.98		Lat Struct									
Elsa	Poggi_Castellior	342	Max WS	532.21	85.13		85.55	77.80	0.002253	2.88	184.90	3.36	0.49
Elsa	Poggi_Castellior	341.99		Lat Struct									
Elsa	Poggi_Castellior	341.6	Max WS	532.12	84.92		85.17	77.00	0.000919	2.24	237.27	4.53	0.32
Elsa	Poggi_Castellior	341.5	Max WS	532.13	84.92		85.16	77.00	0.000874	2.20	241.90	4.57	0.31
Elsa	Poggi_Castellior	341.4	Max WS	532.08	84.87		85.15	77.00	0.001008	2.33	228.78	4.32	0.33
Elsa	Poggi_Castellior	341.39		Lat Struct									
Elsa	Poggi_Castellior	341.38		Lat Struct									
Elsa	Poggi_Castellior	341	Max WS	526.37	84.67		84.84	77.30	0.000764	1.82	293.55	3.16	0.29
Elsa	Poggi_Castellior	340	Max WS	525.52	84.64		84.76	77.70	0.000588	1.54	340.63	3.61	0.25
Elsa	Poggi_Castellior	339.98		Lat Struct									
Elsa	Poggi_Castellior	339	Max WS	525.26	84.50		84.72	76.80	0.001098	2.10	286.03	3.36	0.34
Elsa	Poggi_Castellior	338	Max WS	524.62	83.19		83.78	75.80	0.003327	3.41	161.87	3.00	0.58
Elsa	Poggi_Castellior	337.98		Lat Struct									
Elsa	Poggi_Castellior	337	Max WS	517.03	82.93		83.21	75.60	0.001561	2.34	221.31	3.24	0.40
Elsa	Poggi_Castellior	336.99		Lat Struct									
Elsa	Poggi_Castellior	336	Max WS	515.41	82.67		82.95	75.60	0.001160	2.35	221.76	3.55	0.36
Elsa	Poggi_Castellior	335.09		Lat Struct									
Elsa	Poggi_Castellior	335	Max WS	514.93	82.62		82.81	74.60	0.000660	1.96	263.09	4.73	0.27
Elsa	Poggi_Castellior	334	Max WS	523.44	81.60		82.13	74.40	0.005678	3.21	163.04	1.98	0.71
Elsa	Poggi_Castellior	333.99		Lat Struct									
Elsa	Poggi_Castellior	333.98		Lat Struct									
Elsa	Poggi_Castellior	333.68		Lat Struct									
Elsa	Poggi_Castellior	333.58		Lat Struct									
Elsa	Poggi_Castellior	333.5	Max WS	523.39	81.16		81.47	74.60	0.001336	2.63	248.71	3.72	0.39
Elsa	Poggi_Castellior	333	Max WS	523.39	81.09		81.35	74.60	0.001173	2.46	420.52	3.65	0.36
Elsa	Poggi_Castellior	332.5	Max WS	523.38	81.01		81.27	74.49	0.001472	2.38	410.56	3.21	0.35
Elsa	Poggi_Castellior	332.49		Lat Struct									
Elsa	Poggi_Castellior	332.25	Max WS	523.38	80.87		81.13	74.29	0.001160	2.44	422.94	3.65	0.36
Elsa	Poggi_Castellior	332	Max WS	523.38	80.98		81.09	74.20	0.000534	1.50	348.54	3.73	0.25
Elsa	Poggi_Castellior	331	Max WS	523.37	80.83	77.34	81.05	73.50	0.000680	2.09	251.34	4.87	0.28
Elsa	Poggi_Castellior	330.75		Bridge									
Elsa	Poggi_Castellior	330.5	Max WS	523.37	80.79		81.01	73.50	0.000742	2.07	252.97	4.71	0.29
Elsa	Poggi_Castellior	330.49		Lat Struct									
Elsa	Poggi_Castellior	330	Max WS	523.37	80.56		80.98	73.65	0.001736	2.88	182.45	3.84	0.43
Elsa	Poggi_Castellior	329.98		Lat Struct									
Elsa	Poggi_Castellior	329	Max WS	512.26	80.68		80.93	72.60	0.001321	2.23	230.02	3.41	0.37
Elsa	Poggi_Castellior	328	Max WS	523.37	80.44		80.72	72.60	0.001395	2.35	222.99	3.55	0.39
Elsa	Poggi_Castellior	327.99		Lat Struct									
Elsa	Poggi_Castellior	327	Max WS	523.55	80.31		80.66	72.60	0.001850	2.60	201.40	3.34	0.44
Elsa	Poggi_Castellior	326.98		Lat Struct									
Elsa	Poggi_Castellior	326	Max WS	523.56	79.85		80.19	72.50	0.002269	2.58	203.31	2.83	0.48
Elsa	Poggi_Castellior	325.58		Lat Struct									
Elsa	Poggi_Castellior	325	Max WS	491.91	79.48		79.68	72.20	0.000996	1.94	253.06	3.44	0.33
Elsa	Poggi_Castellior	324.99		Lat Struct									
Elsa	Poggi_Castellior	324.49		Lat Struct									
Elsa	Poggi_Castellior	324	Max WS	340.38	79.43		79.65	72.30	0.001188	2.07	164.69	3.30	0.35
Elsa	Poggi_Castellior	323.857*	Max WS	340.37	79.40		79.60	72.31	0.001123	2.00	170.55	3.27	0.34
Elsa	Poggi_Castellior	323.714*	Max WS	338.69	79.37		79.55	72.31	0.001037	1.91	177.19	3.25	0.33
Elsa	Poggi_Castellior	323.571*	Max WS	306.39	79.41		79.55	72.32	0.000748	1.63	188.14	3.27	0.28
Elsa	Poggi_Castellior	323.428*	Max WS	306.34	79.39		79.52	72.33	0.000683	1.56	196.15	3.28	0.27
Elsa	Poggi_Castellior	323.285*	Max WS	304.66	79.38		79.49	72.34	0.000613	1.49	204.73	3.32	0.25
Elsa	Poggi_Castellior	323.142*	Max WS	299.14	79.37		79.47	72.34	0.000527	1.40	214.08	3.36	0.24
Elsa	Poggi_Castellior	323	Max WS	288.09	79.37		79.46	72.35	0.000440	1.28	224.32	3.41	0.22
Elsa	Poggi_Castellior	322.98		Lat Struct									
Elsa	Poggi_Castellior	322	Max WS	439.15	78.61		78.84	72.32	0.001998	2.11	208.55	2.30	0.44
Elsa	Poggi_Castellior	321.98		Lat Struct									
Elsa	Poggi_Castellior	321	Max WS	439.13	78.11		78.41	72.30	0.002174	2.43	180.81	2.68	0.47
Elsa	Poggi_Castellior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	395.13	77.74		78.04	71.80	0.002439	2.43	162.61	2.46	0.48
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	362.20	76.77		77.18	71.60	0.002223	2.85	133.92	2.42	0.48
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	398.32	76.52		76.69	71.20	0.000734	1.86	214.85	3.96	0.29
Elsa	Poggi_Castellior	317.6	Max WS	401.30	76.54		76.68	71.20	0.000585	1.65	244.68	3.68	0.26
Elsa	Poggi_Castellior	317.56	Max WS	406.99	76.52		76.67	71.20	0.000691	1.70	239.60	3.58	0.26
Elsa	Poggi_Castellior	317.54	Max WS	406.99	76.51		76.66	71.20	0.000696	1.71	239.35	3.50	0.26
Elsa	Poggi_Castellior	317.5	Max WS	406.99	76.51		76.65	71.20	0.000657	1.71	238.87	3.70	0.27
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	405.65	76.50		76.65	71.20	0.000631	1.68	241.52	3.79	0.26
Elsa	Poggi_Castellior	317.32*	Max WS	404.58	76.46		76.63	71.17	0.000756	1.80	224.90	3.68	0.29
Elsa	Poggi_Castellior	317.24*	Max WS	404.58	76.41		76.60	71.14	0.000934	1.95	207.74	3.62	0.32
Elsa	Poggi_Castellior	317.16*	Max WS	404.56	76.34		76.57	71.12	0.001197	2.13	189.68	3.42	0.36
Elsa	Poggi_Castellior	317.08*	Max WS	404.45	76.25		76.54	71.09	0.001620	2.38	170.26	3.21	0.41
Elsa	Poggi_Castellior	317	Max WS	404.42	76.10		76.48	71.06	0.002408	2.72	148.45	2.94	0.50
Elsa	Poggi_Castellior	316.5*	Max WS	404.28	76.12		76.42	71.14	0.001932	2.42	167.00	3.03	0.44
Elsa	Poggi_Castellior	316	Max WS	404.06	76.01	74.69	76.36	71.22	0.002193	2.61	154.91	2.96	0.48
Elsa	Poggi_Castellior	315.5		Inl Struct									
Elsa	Poggi_Castellior	315	Max WS	401.76	75.01		75.05	67.50	0.000111	0.85	472.73	5.17	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	416.96	74.94		75.04	67.40	0.000378	1.41	296.65	4.38	0.21
Elsa	Poggi_Castellior	313	Max WS	416.74	74.84		75.02	67.30	0.000847	1.89	233.31	3.74	0.30
Elsa	Poggi_Castellior	312.9	Max WS	416.74	74.84	71.33	75.02	67.30	0.000846	1.90	233.23	3.73	0.30
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	416.50	74.80		75.00	67.30	0.000778	2.02	209.22	4.11	0.28
Elsa	Poggi_Castellior	312	Max WS	416.49	74.79		75.00	67.30	0.000777	2.02	209.39	4.11	0.28
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	416.59	74.61		74.97	67.30	0.001640	2.65	156.91	3.78	0.42
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	416.55	74.54		74.85	67.06	0.001432	2.47	168.40	3.76	0.39
Elsa	Poggi_Castellior	310.6*	Max WS	416.52	74.49		74.76	66.82	0.001244	2.30	181.41	3.74	0.37
Elsa	Poggi_Castellior	310.4*	Max WS	416.50	74.44		74.67	66.58	0.001059	2.13	195.92	3.76	0.34
Elsa	Poggi_Castellior	310.2*	Max WS	416.45	74.40		74.60	66.34	0.000894	1.97	211.83	3.78	0.31
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	432.59	74.33		74.52	66.10	0.000817	1.91	227.06	3.86	0.30
Elsa	Poggi_Castellior	309.8*	Max WS	474.04	74.17		74.41	65.92	0.001162	2.14	221.41	3.68	0.34
Elsa	Poggi_Castellior	309.6*	Max WS	482.80	74.06		74.31	65.74	0.001305	2.22	217.05	3.58	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	491.93	73.92		74.19	65.56	0.001561	2.33	211.08	3.49	0.39
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	490.66	73.79		74.08	65.38	0.001649	2.38	206.11	3.46	0.40
Elsa	Poggi_Castellior	309	Max WS	483.06	73.69		73.97	65.20	0.001426	2.37	204.10	3.53	0.39
Elsa	Poggi_Castellior	308.8*	Max WS	482.48	73.60		73.88	65.16	0.001544	2.34	206.24	3.54	0.38
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	477.73	73.52		73.79	65.12	0.001500	2.30	207.96	3.50	0.38
Elsa	Poggi_Castellior	308.4*	Max WS	469.28	73.45		73.70	65.08	0.001400	2.24	209.77	3.40	0.38
Elsa	Poggi_Castellior	308.2*	Max WS	465.13	73.37		73.62	65.04	0.001471	2.21	210.68	3.21	0.38
Elsa	Poggi_Castellior	308	Max WS	464.13	73.28		73.52	65.00	0.001525	2.20	211.24	2.98	0.39
Elsa	Poggi_Castellior	307.75*	Max WS	464.02	73.22		73.44	64.75	0.001316	2.06	225.45	3.15	0.36
Elsa	Poggi_Castellior	307.5*	Max WS	463.06	73.17		73.37	64.50	0.001179	1.97	234.91	3.21	0.34
Elsa	Poggi_Castellior	307.25*	Max WS	462.66	73.11		73.30	64.25	0.001222	1.93	239.47	3.17	0.34
Elsa	Poggi_Castellior	307	Max WS	457.16	73.06		73.25	64.00	0.000844	1.94	237.02	3.67	0.30
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	457.00	72.94		73.21	63.80	0.001172	2.29	200.78	3.46	0.35
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	456.22	72.51		72.94	64.00	0.001848	2.91	156.56	3.96	0.43
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	454.30	72.24		72.67	63.74	0.001852	2.91	156.95	3.30	0.43
Elsa	Poggi_Castellior	304	Max WS	455.45	72.29		72.47	63.40	0.000612	1.89	242.84	4.37	0.26
Elsa	Poggi_Castellior	303.7	Max WS	474.99	72.09	69.07	72.36	63.80	0.001070	2.30	207.07	3.98	0.35
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	474.96	72.07		72.34	63.80	0.001081	2.31	206.42	3.97	0.35
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	472.88	71.82		72.14	63.80	0.001324	2.49	189.89	4.03	0.38
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	452.01	71.66		71.84	63.00	0.001099	1.90	237.62	3.09	0.33
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	443.81	71.00		71.38	63.00	0.001587	2.73	170.45	2.81	0.41
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	446.10	70.27		70.81	62.70	0.002614	3.25	137.22	3.61	0.52
Elsa	Poggi_Castellior	299.5	Max WS	443.42	70.33		70.43	61.57	0.000347	1.33	332.80	4.31	0.20
Elsa	Poggi_Castellior	299	Max WS	456.44	69.86		70.21	61.30	0.002069	2.64	178.39	2.61	0.45
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	455.73	69.56		69.90	61.20	0.001662	2.59	176.61	3.22	0.41
Elsa	Poggi_Castellior	298.62	Max WS	452.47	69.62		69.80	61.50	0.000589	1.92	300.55	3.74	0.26
Elsa	Poggi_Castellior	298.61	Max WS	451.02	69.67		69.79	61.50	0.000361	1.53	327.03	4.16	0.20
Elsa	Poggi_Castellior	298.6	Max WS	451.00	69.65		69.78	61.50	0.000561	1.60	283.59	3.68	0.24
Elsa	Poggi_Castellior	298.4	Max WS	450.96	69.64		69.77	61.50	0.000564	1.60	283.12	3.68	0.24
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	450.51	69.65		69.77	61.50	0.000477	1.55	290.72	4.13	0.23
Elsa	Poggi_Castellior	298.09	Max WS	423.00	69.45		69.65	60.57	0.001125	1.97	216.15	3.08	0.33
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	457.36	69.28		69.44	62.50	0.000988	1.81	252.11	3.12	0.32
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	459.14	68.81		69.11	61.70	0.001666	2.41	190.15	3.24	0.42
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	431.11	68.40		68.71	61.20	0.001511	2.46	175.97	3.48	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	441.12	67.87		68.18	62.20	0.001853	2.45	180.04	3.06	0.44
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	371.69	67.76		67.87	61.90	0.000661	1.47	252.37	3.09	0.26
Elsa	Poggi_Castellior	292	Max WS	282.94	67.59		67.76	61.90	0.001100	1.85	152.87	2.97	0.33
Elsa	Poggi_Castellior	291.75*	Max WS	273.80	67.58		67.72	61.93	0.001015	1.65	166.14	2.98	0.30
Elsa	Poggi_Castellior	291.5*	Max WS	264.65	67.58		67.69	61.95	0.000783	1.46	181.52	3.01	0.26
Elsa	Poggi_Castellior	291.25*	Max WS	255.02	67.58		67.66	61.97	0.000590	1.28	199.17	3.06	0.23
Elsa	Poggi_Castellior	291	Max WS	243.96	67.59		67.65	62.00	0.000370	1.11	219.24	3.13	0.19
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	382.86	66.84		67.17	61.90	0.002494	2.52	151.76	2.56	0.49
Elsa	Poggi_Castellior	289	Max WS	382.86	65.91		66.53	61.80	0.006659	3.49	109.70	1.99	0.78
Elsa	Poggi_Castellior	288	Max WS	382.86	66.06		66.31	62.00	0.003152	2.24	171.24	1.79	0.53
Elsa	Poggi_Castellior	287.6	Max WS	382.86	66.03	65.13	66.29	62.00	0.003312	2.27	168.55	1.76	0.54
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	382.86	65.75		65.78	58.70	0.000229	0.76	504.93	2.52	0.15
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	407.88	65.74		65.76	58.00	0.000112	0.63	659.48	3.16	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	447.08	65.53		65.69	58.90	0.001702	1.79	249.46	2.04	0.39
Elsa	Poggi_Castellior	283	Max WS	453.61	65.33		65.52	58.60	0.001161	1.94	237.15	3.05	0.35
Elsa	Poggi_Castellior	282	Max WS	354.61	65.23		65.38	58.50	0.001304	1.70	222.86	2.31	0.35
Elsa	Poggi_Castellior	281.9	Max WS	354.56	65.21	62.28	65.36	58.50	0.001291	1.74	220.20	2.39	0.35
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	453.48	65.29		65.39	58.80	0.000395	1.38	329.34	4.10	0.21
Elsa	Poggi_Castellior	281	Max WS	453.46	65.29		65.38	58.80	0.000396	1.38	328.99	4.10	0.21
Elsa	Poggi_Castellior	280	Max WS	453.43	65.26		65.36	58.00	0.000454	1.37	330.59	3.67	0.22
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	456.94	65.20		65.33	58.00	0.000496	1.57	291.61	3.99	0.24
Elsa	Poggi_Castellior	277	Max WS	456.96	65.20		65.33	58.00	0.000496	1.57	291.57	3.99	0.24
Elsa	Poggi_Castellior	276	Max WS	463.32	65.00		65.23	57.60	0.001113	2.14	216.72	3.65	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	463.30	64.71		65.10	57.88	0.002048	2.77	167.56	3.40	0.46
Elsa	Poggi_Castellior	273	Max WS	463.24	64.34		64.65	57.39	0.001675	2.45	189.38	3.29	0.42
Elsa	Poggi_Castellior	272	Max WS	463.18	64.19		64.43	56.94	0.001379	2.13	217.58	3.09	0.38
Elsa	Poggi_Castellior	271	Max WS	463.79	63.78		64.02	56.54	0.001575	2.16	214.47	2.86	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	463.78	63.59		63.80	56.53	0.001297	2.02	229.82	2.99	0.36
Elsa	Poggi_Castellior	269	Max WS	463.76	63.34		63.59	54.36	0.001378	2.22	208.82	3.29	0.37
Elsa	Poggi_Castellior	268	Max WS	463.70	62.79		63.11	54.91	0.002271	2.50	185.56	2.70	0.47
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	463.65	62.58		62.86	54.27	0.001667	2.35	197.72	3.10	0.40
Elsa	Poggi_Castellior	266	Max WS	463.62	62.48		62.71	54.22	0.001174	2.12	218.18	3.48	0.35
Elsa	Poggi_Castellior	265	Max WS	463.61	62.41		62.60	54.36	0.001133	1.94	239.13	3.11	0.34
Elsa	Poggi_Castellior	264	Max WS	463.47	62.14		62.40	53.78	0.001583	2.23	207.63	2.99	0.39
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	463.32	61.75		61.96	52.82	0.001543	1.99	233.41	2.56	0.38
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	431.76	61.44		61.64	52.86	0.001145	1.97	219.29	3.16	0.34
Elsa	Poggi_Castellior	261	Max WS	426.07	61.10		61.35	52.58	0.001551	2.22	192.16	3.01	0.39
Elsa	Poggi_Castellior	260.833*	Max WS	426.05	61.05		61.30	52.66	0.001495	2.19	194.70	3.03	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	426.04	61.01		61.25	52.75	0.001445	2.16	197.31	3.05	0.38
Elsa	Poggi_Castellior	260.5*	Max WS	426.04	60.97		61.21	52.83	0.001399	2.13	200.03	3.06	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	426.01	60.94		61.16	52.92	0.001358	2.10	202.84	3.06	0.37
Elsa	Poggi_Castellior	260.166*	Max WS	426.01	60.90		61.12	53.01	0.001321	2.07	205.74	3.06	0.37
Elsa	Poggi_Castellior	260	Max WS	426.01	60.86		61.08	53.09	0.001288	2.04	208.70	3.05	0.36
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	462.73	60.28		60.54	51.64	0.001531	2.26	204.45	3.13	0.39
Elsa	Poggi_Castellior	258	Max WS	450.22	60.08		60.32	51.94	0.001262	2.17	207.77	3.39	0.36
Elsa	Poggi_Castellior	257	Max WS	449.12	59.86		60.10	50.99	0.001204	2.20	203.90	3.60	0.35
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	418.45	59.66		59.96	51.39	0.001642	2.43	172.17	3.31	0.40
Elsa	Poggi_Castellior	255	Max WS	409.00	59.46		59.73	50.78	0.001410	2.28	180.00	3.23	0.38
Elsa	Poggi_Castellior	254	Max WS	411.23	59.29		59.61	51.95	0.001787	2.53	162.42	3.30	0.42
Elsa	Poggi_Castellior	253.7	Max WS	431.89	59.07		59.38	51.50	0.001743	2.46	175.32	3.23	0.42
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	425.45	58.83		59.11	51.30	0.001805	2.37	179.23	2.97	0.42
Elsa	Poggi_Castellior	253	Max WS	411.84	58.57		58.86	51.63	0.001544	2.37	176.66	3.02	0.40
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	410.49	58.21		58.55	50.91	0.001624	2.57	159.79	3.62	0.41
Elsa	Poggi_Castellior	251	Max WS	364.95	58.05		58.29	51.06	0.001335	2.17	168.99	3.05	0.37
Elsa	Poggi_Castellior	250	Max WS	336.09	57.88		58.06	50.57	0.002279	2.72	123.46	3.07	0.47
Elsa	Poggi_Castellior	249	Max WS	334.30	57.50		57.74	50.30	0.000906	2.15	178.54	4.28	0.32
Elsa	Poggi_Castellior	248.5*	Max WS	342.68	57.41		57.69	50.15	0.001266	2.34	177.41	4.28	0.35
Elsa	Poggi_Castellior	248	Max WS	357.44	57.34		57.63	49.99	0.001031	2.39	199.51	4.57	0.34
Elsa	Poggi_Castellior	247.666*	Max WS	374.06	57.27		57.57	49.82	0.001029	2.43	176.85	4.44	0.34
Elsa	Poggi_Castellior	247.333*	Max WS	381.24	57.18		57.51	49.64	0.001346	2.56	154.62	3.90	0.38
Elsa	Poggi_Castellior	247	Max WS	381.20	57.03		57.45	49.47	0.002086	2.89	131.96	3.58	0.44
Elsa	Poggi_Castellior	246.833*	Max WS	379.13	57.05		57.40	49.43	0.001533	2.61	147.56	3.86	0.39
Elsa	Poggi_Castellior	246.666*	Max WS	375.15	57.06		57.36	49.38	0.001273	2.41	161.08	3.95	0.36
Elsa	Poggi_Castellior	246.5*	Max WS	370.17	57.06		57.33	49.33	0.001140	2.27	172.47	3.93	0.35
Elsa	Poggi_Castellior	246.333*	Max WS	365.23	57.05		57.30	49.29	0.001095	2.19	181.55	3.82	0.34
Elsa	Poggi_Castellior	246.166*	Max WS	362.18	57.03		57.26	49.25	0.001137	2.15	187.93	3.63	0.34

HEC-RAS Plan: T030d06 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	363.77	56.98		57.22	49.20	0.001286	2.19	190.89	3.39	0.36
Elsa	Poggi_Castelfior	245.99				Lat Struct							
Elsa	Poggi_Castelfior	245.9	Max WS	363.94	56.98		57.22	49.20	0.001289	2.19	190.78	3.39	0.36
Elsa	Poggi_Castelfior	244	Max WS	400.37	56.57		56.84	49.36	0.001252	2.27	176.20	3.66	0.35
Elsa	Poggi_Castelfior	243.98				Lat Struct							
Elsa	Poggi_Castelfior	243	Max WS	367.20	56.55		56.75	49.36	0.001007	1.98	185.87	3.40	0.33
Elsa	Poggi_Castelfior	242	Max WS	349.82	56.47		56.59	48.45	0.000512	1.52	231.22	3.78	0.24
Elsa	Poggi_Castelfior	241.59				Lat Struct							
Elsa	Poggi_Castelfior	241	Max WS	400.04	56.09		56.34	48.42	0.001182	2.23	179.10	3.73	0.35
Elsa	Poggi_Castelfior	240.857*	Max WS	399.89	56.04		56.31	48.39	0.001279	2.28	175.27	3.63	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	399.69	56.00		56.27	48.36	0.001338	2.31	173.20	3.57	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	398.62	55.96		56.23	48.33	0.001344	2.30	173.02	3.55	0.37
Elsa	Poggi_Castelfior	240.428*	Max WS	396.16	55.94		56.20	48.31	0.001294	2.26	174.93	3.55	0.37
Elsa	Poggi_Castelfior	240.285*	Max WS	393.63	55.92		56.17	48.28	0.001207	2.20	178.74	3.59	0.35
Elsa	Poggi_Castelfior	240.142*	Max WS	392.41	55.91		56.14	48.25	0.001105	2.13	184.26	3.65	0.34
Elsa	Poggi_Castelfior	240	Max WS	392.39	55.90		56.11	48.22	0.000993	2.05	191.48	3.73	0.32
Elsa	Poggi_Castelfior	239	Max WS	437.12	55.72		55.93	47.84	0.000764	2.01	217.04	4.43	0.29
Elsa	Poggi_Castelfior	238.99				Lat Struct							
Elsa	Poggi_Castelfior	238.98				Lat Struct							
Elsa	Poggi_Castelfior	238.88				Lat Struct							
Elsa	Poggi_Castelfior	238	Max WS	430.83	55.45		55.74	48.07	0.001661	2.39	180.21	3.20	0.41
Elsa	Poggi_Castelfior	237	Max WS	430.32	55.36		55.63	48.60	0.001429	2.30	186.87	3.38	0.39
Elsa	Poggi_Castelfior	236	Max WS	430.71	55.43		55.61	48.21	0.000872	1.90	226.59	3.68	0.31
Elsa	Poggi_Castelfior	235	Max WS	430.44	55.37		55.58	47.79	0.001167	2.03	212.40	3.25	0.35
Elsa	Poggi_Castelfior	234	Max WS	430.53	55.38		55.54	47.30	0.000854	1.78	242.05	3.38	0.30
Elsa	Poggi_Castelfior	233	Max WS	421.39	55.27		55.40	48.23	0.000658	1.62	260.24	3.51	0.27
Elsa	Poggi_Castelfior	232	Max WS	394.75	54.25		54.76	48.71	0.003306	3.14	125.78	2.87	0.57
Elsa	Poggi_Castelfior	231	Max WS	391.53	54.09		54.26	47.01	0.001054	1.80	217.04	2.95	0.33
Elsa	Poggi_Castelfior	230.99				Lat Struct							
Elsa	Poggi_Castelfior	230	Max WS	383.41	53.81		54.01	46.02	0.001390	1.99	192.54	2.78	0.36
Elsa	Poggi_Castelfior	228	Max WS	363.65	53.75		53.84	46.35	0.000366	1.33	273.79	4.11	0.20
Elsa	Poggi_Castelfior	227	Max WS	445.84	53.65		53.74	45.96	0.000375	1.34	333.89	4.07	0.21
Elsa	Poggi_Castelfior	226	Max WS	445.83	53.33		53.51	45.51	0.000922	1.84	242.12	3.36	0.31

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	362.31	89.83		90.60	84.18	0.005777	3.90	92.83	2.62	0.74
Elsa	Poggi_Castelfior	357.2	Max WS	362.31	89.82		90.59	84.15	0.005623	3.87	93.70	2.64	0.73
Elsa	Poggi_Castelfior	357	Max WS	362.28	89.81		89.95	84.25	0.000923	1.65	219.21	2.86	0.31
Elsa	Poggi_Castelfior	356	Max WS	362.26	89.71		89.87	84.00	0.000994	1.76	205.91	2.97	0.32
Elsa	Poggi_Castelfior	355	Max WS	362.21	89.52		89.68	83.36	0.000912	1.78	203.85	3.21	0.31
Elsa	Poggi_Castelfior	354	Max WS	362.19	89.36		89.62	83.34	0.001686	2.26	160.47	2.90	0.41
Elsa	Poggi_Castelfior	353.9	Max WS	362.18	89.33	87.41	89.60	83.34	0.001740	2.28	158.72	2.88	0.42
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	353.1	Max WS	362.16	89.28		89.56	83.34	0.001819	2.32	156.26	2.85	0.43
Elsa	Poggi_Castelfior	353	Max WS	362.19	89.36		89.55	82.70	0.000940	1.91	189.76	3.50	0.32
Elsa	Poggi_Castelfior	352	Max WS	362.17	89.35		89.49	82.60	0.000724	1.66	218.81	3.43	0.28
Elsa	Poggi_Castelfior	351	Max WS	362.07	89.06		89.32	81.90	0.001132	2.24	161.51	3.87	0.35
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	362.02	88.87		89.19	82.08	0.001406	2.49	147.28	3.38	0.38
Elsa	Poggi_Castelfior	350.33	Max WS	361.95	88.76		89.06	81.63	0.001404	2.43	148.72	3.73	0.37
Elsa	Poggi_Castelfior	350	Max WS	361.89	88.61		88.96	81.70	0.002142	2.60	139.20	3.00	0.46
Elsa	Poggi_Castelfior	349	Max WS	467.16	88.36		88.68	81.40	0.001179	2.50	186.94	4.30	0.36
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	467.18	88.35		88.67	81.40	0.001189	2.51	186.42	4.31	0.36
Elsa	Poggi_Castelfior	348.5	Max WS	466.84	87.86		88.32	81.24	0.002070	3.03	154.05	3.87	0.46
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	466.55	87.52		88.07	81.70	0.003281	3.28	142.05	3.09	0.58
Elsa	Poggi_Castelfior	347.5	Max WS	466.69	87.66		87.87	79.61	0.000767	2.14	261.10	2.72	0.27
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	466.46	87.34		87.66	81.20	0.001913	2.50	186.65	3.07	0.44
Elsa	Poggi_Castelfior	346.5	Max WS	462.84	87.39		87.44	79.50	0.000279	1.02	457.11	3.12	0.17
Elsa	Poggi_Castelfior	346	Max WS	433.40	87.19		87.37	80.80	0.001118	1.92	225.21	3.11	0.34
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	457.40	87.05		87.21	79.47	0.000755	1.76	260.26	3.62	0.29
Elsa	Poggi_Castelfior	345	Max WS	466.43	86.75		87.05	79.80	0.001370	2.40	194.07	3.71	0.39
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	466.41	86.49		86.84	79.03	0.001863	2.60	179.40	3.33	0.43
Elsa	Poggi_Castelfior	344	Max WS	466.32	86.01		86.64	79.80	0.004801	3.53	132.03	2.59	0.68
Elsa	Poggi_Castelfior	343	Max WS	466.26	85.47		85.83	77.80	0.001787	2.63	177.05	3.50	0.43
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	466.03	84.81		85.20	77.80	0.002244	2.76	168.93	3.16	0.48
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	465.88	84.62		84.84	77.00	0.000830	2.09	223.37	4.38	0.30
Elsa	Poggi_Castelfior	341.5	Max WS	465.91	84.61		84.83	77.00	0.000790	2.05	227.80	4.42	0.29
Elsa	Poggi_Castelfior	341.4	Max WS	465.82	84.58		84.82	77.00	0.000913	2.16	215.37	4.31	0.31
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	465.66	84.37		84.53	77.30	0.000780	1.75	267.12	3.16	0.29
Elsa	Poggi_Castelfior	340	Max WS	465.63	84.33		84.44	77.70	0.000607	1.49	312.80	3.34	0.26
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	465.61	84.20		84.40	76.80	0.001109	2.03	250.05	3.14	0.34
Elsa	Poggi_Castelfior	338	Max WS	465.23	82.95		83.48	75.80	0.003211	3.25	143.24	3.09	0.57
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	462.58	82.66		82.92	75.60	0.001607	2.27	203.78	3.03	0.41
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	461.19	82.41		82.67	75.60	0.001115	2.25	206.36	3.38	0.35
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	460.58	82.37		82.54	74.60	0.000573	1.83	251.30	4.77	0.25
Elsa	Poggi_Castelfior	334	Max WS	462.19	81.27		81.82	74.40	0.005242	3.30	140.19	2.19	0.68
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	462.10	80.91		81.18	74.60	0.001250	2.50	230.52	3.54	0.37
Elsa	Poggi_Castelfior	333	Max WS	462.12	80.84		81.08	74.60	0.001115	2.34	385.40	3.45	0.35
Elsa	Poggi_Castelfior	332.5	Max WS	462.10	80.76		80.99	74.49	0.001390	2.29	376.28	3.05	0.34
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	462.10	80.63		80.86	74.29	0.001078	2.32	389.72	3.48	0.35
Elsa	Poggi_Castelfior	332	Max WS	462.10	80.73		80.83	74.20	0.000511	1.42	325.72	3.54	0.24
Elsa	Poggi_Castelfior	331	Max WS	462.09	80.60	77.09	80.79	73.50	0.000605	1.92	241.03	4.71	0.27
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	462.10	80.57		80.75	73.50	0.000660	1.91	242.32	4.55	0.27
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	462.09	80.37		80.73	73.65	0.001563	2.65	174.61	3.70	0.41
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	459.23	80.44		80.67	72.60	0.001313	2.14	215.08	3.22	0.37
Elsa	Poggi_Castelfior	328	Max WS	462.08	80.23		80.48	72.60	0.001296	2.19	210.85	3.38	0.37
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	462.22	80.12		80.42	72.60	0.001688	2.43	190.53	3.23	0.42
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	462.22	79.70		79.99	72.50	0.002067	2.39	193.16	2.72	0.45
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	434.28	79.38		79.53	72.20	0.000854	1.77	245.49	3.35	0.30
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	304.10	79.32		79.50	72.30	0.001036	1.91	159.45	3.25	0.33
Elsa	Poggi_Castelfior	323.857*	Max WS	304.10	79.29		79.46	72.31	0.000978	1.84	165.24	3.21	0.32
Elsa	Poggi_Castelfior	323.714*	Max WS	303.25	79.26		79.42	72.31	0.000909	1.77	171.69	3.19	0.31
Elsa	Poggi_Castelfior	323.571*	Max WS	276.14	79.29		79.41	72.32	0.000666	1.52	181.72	3.22	0.26
Elsa	Poggi_Castelfior	323.428*	Max WS	276.13	79.28		79.38	72.33	0.000613	1.46	189.51	3.21	0.25
Elsa	Poggi_Castelfior	323.285*	Max WS	276.05	79.26		79.36	72.34	0.000561	1.40	197.81	3.22	0.24
Elsa	Poggi_Castelfior	323.142*	Max WS	274.06	79.25		79.34	72.34	0.000496	1.33	206.70	3.26	0.23
Elsa	Poggi_Castelfior	323	Max WS	267.97	79.24		79.32	72.35	0.000427	1.24	216.35	3.30	0.21
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	410.14	78.50		78.72	72.32	0.001961	2.06	198.92	2.26	0.43
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	410.13	78.02		78.30	72.30	0.002086	2.34	175.45	2.61	0.45
Elsa	Poggi_Castelfior	320.99		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	372.49	77.67		77.95	71.80	0.002379	2.36	157.93	2.39	0.48
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	355.33	76.53		77.00	71.60	0.002724	3.03	121.53	2.22	0.53
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	361.01	76.33		76.49	71.20	0.000692	1.76	205.58	3.83	0.28
Elsa	Poggi_Castellior	317.6	Max WS	362.85	76.36		76.48	71.20	0.000557	1.56	233.03	3.53	0.25
Elsa	Poggi_Castellior	317.56	Max WS	367.71	76.33		76.47	71.20	0.000649	1.61	228.94	3.46	0.25
Elsa	Poggi_Castellior	317.54	Max WS	367.71	76.32		76.46	71.20	0.000654	1.61	228.42	3.37	0.26
Elsa	Poggi_Castellior	317.5	Max WS	367.71	76.32		76.45	71.20	0.000620	1.62	227.68	3.56	0.26
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	367.70	76.32		76.45	71.20	0.000599	1.60	230.32	3.65	0.26
Elsa	Poggi_Castellior	317.32*	Max WS	367.70	76.28		76.43	71.17	0.000720	1.72	214.39	3.64	0.28
Elsa	Poggi_Castellior	317.24*	Max WS	367.69	76.23		76.40	71.14	0.000892	1.86	197.81	3.49	0.31
Elsa	Poggi_Castellior	317.16*	Max WS	367.69	76.16		76.38	71.12	0.001150	2.04	180.33	3.32	0.35
Elsa	Poggi_Castellior	317.08*	Max WS	367.69	76.08		76.34	71.09	0.001569	2.28	161.53	3.10	0.40
Elsa	Poggi_Castellior	317	Max WS	367.69	75.94		76.28	71.06	0.002351	2.62	140.44	2.82	0.49
Elsa	Poggi_Castellior	316.5*	Max WS	367.69	75.95		76.22	71.14	0.001898	2.33	157.84	2.90	0.43
Elsa	Poggi_Castellior	316	Max WS	367.69	75.84	74.56	76.16	71.22	0.002149	2.51	146.47	2.84	0.47
Elsa	Poggi_Castellior	315.5		Ini Struct									
Elsa	Poggi_Castellior	315	Max WS	366.21	74.72		74.75	67.50	0.000108	0.82	448.15	4.98	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	378.73	74.65		74.74	67.40	0.000378	1.36	278.07	4.17	0.21
Elsa	Poggi_Castellior	313	Max WS	378.68	74.55		74.73	67.30	0.000879	1.85	217.61	3.52	0.30
Elsa	Poggi_Castellior	312.9	Max WS	378.68	74.55	71.15	74.73	67.30	0.000882	1.86	217.50	3.51	0.30
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	378.64	74.51		74.70	67.30	0.000765	1.94	197.33	3.94	0.28
Elsa	Poggi_Castellior	312	Max WS	378.62	74.51		74.70	67.30	0.000765	1.94	197.48	3.94	0.28
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	378.46	74.33		74.67	67.30	0.001629	2.59	146.41	3.65	0.41
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	378.40	74.26		74.56	67.06	0.001434	2.41	156.86	3.62	0.39
Elsa	Poggi_Castellior	310.6*	Max WS	378.33	74.20		74.46	66.82	0.001253	2.24	168.68	3.59	0.36
Elsa	Poggi_Castellior	310.4*	Max WS	378.29	74.15		74.37	66.58	0.001075	2.08	182.06	3.59	0.34
Elsa	Poggi_Castellior	310.2*	Max WS	378.29	74.11		74.30	66.34	0.000911	1.92	196.82	3.62	0.31
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	390.92	74.05		74.22	66.10	0.000835	1.85	211.52	3.64	0.30
Elsa	Poggi_Castellior	309.8*	Max WS	429.30	73.89		74.11	65.92	0.001186	2.09	205.38	3.50	0.35
Elsa	Poggi_Castellior	309.6*	Max WS	431.48	73.78		74.02	65.74	0.001287	2.14	201.61	3.41	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	431.25	73.67		73.92	65.56	0.001450	2.19	197.35	3.35	0.37
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	431.14	73.55		73.81	65.38	0.001522	2.23	193.15	3.33	0.38
Elsa	Poggi_Castellior	309	Max WS	429.90	73.45		73.70	65.20	0.001336	2.25	191.42	3.43	0.37
Elsa	Poggi_Castellior	308.8*	Max WS	429.53	73.37		73.62	65.16	0.001435	2.22	193.69	3.45	0.37
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	427.28	73.28		73.53	65.12	0.001395	2.19	195.24	3.45	0.36
Elsa	Poggi_Castellior	308.4*	Max WS	424.99	73.21		73.44	65.08	0.001317	2.17	196.14	3.42	0.36
Elsa	Poggi_Castellior	308.2*	Max WS	424.73	73.12		73.36	65.04	0.001382	2.17	196.05	3.29	0.37
Elsa	Poggi_Castellior	308	Max WS	424.70	73.03		73.27	65.00	0.001476	2.17	195.27	3.03	0.39
Elsa	Poggi_Castellior	307.75*	Max WS	424.67	72.98		73.19	64.75	0.001378	2.03	208.84	3.00	0.37
Elsa	Poggi_Castellior	307.5*	Max WS	424.67	72.92		73.11	64.50	0.001229	1.95	217.66	3.07	0.35
Elsa	Poggi_Castellior	307.25*	Max WS	424.63	72.86		73.04	64.25	0.001260	1.92	221.48	3.06	0.34
Elsa	Poggi_Castellior	307	Max WS	423.90	72.80		72.98	64.00	0.000895	1.92	221.52	3.46	0.31
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	423.89	72.68		72.94	63.80	0.001221	2.26	187.92	3.69	0.35
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	423.53	72.25		72.67	64.00	0.001855	2.86	148.12	3.85	0.43
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	422.73	71.98		72.40	63.74	0.001866	2.86	147.57	3.84	0.43
Elsa	Poggi_Castellior	304	Max WS	422.77	72.03		72.20	63.40	0.000610	1.85	229.51	4.23	0.26
Elsa	Poggi_Castellior	303.7	Max WS	424.12	71.87	68.82	72.11	63.80	0.000991	2.16	196.74	4.03	0.33
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	424.12	71.86		72.10	63.80	0.000999	2.16	196.14	4.03	0.33
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	423.94	71.64		71.91	63.80	0.001198	2.33	181.64	3.94	0.36
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	413.49	71.44		71.62	63.00	0.001149	1.86	221.79	2.90	0.34
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	415.48	70.77		71.14	63.00	0.001666	2.73	157.27	2.62	0.42
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	412.79	70.05		70.56	62.70	0.002596	3.18	129.82	3.51	0.51
Elsa	Poggi_Castellior	299.5	Max WS	412.95	70.10		70.18	61.57	0.000351	1.31	315.46	4.15	0.20
Elsa	Poggi_Castellior	299	Max WS	414.35	69.65		69.99	61.30	0.001973	2.56	165.84	2.52	0.44
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	413.46	69.38		69.69	61.20	0.001569	2.46	168.00	3.30	0.40
Elsa	Poggi_Castellior	298.62	Max WS	413.06	69.43		69.60	61.50	0.000559	1.82	278.82	3.57	0.26
Elsa	Poggi_Castellior	298.61	Max WS	413.05	69.47		69.58	61.50	0.000341	1.45	307.76	3.99	0.20
Elsa	Poggi_Castellior	298.6	Max WS	412.96	69.46		69.57	61.50	0.000538	1.53	270.51	3.58	0.24
Elsa	Poggi_Castellior	298.4	Max WS	412.96	69.45		69.57	61.50	0.000540	1.53	270.06	3.58	0.24
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	412.87	69.45		69.56	61.50	0.000458	1.48	278.46	3.99	0.22
Elsa	Poggi_Castellior	298.09	Max WS	398.61	69.23		69.43	60.57	0.001235	1.98	201.96	2.91	0.35
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	409.87	69.08		69.23	62.50	0.000942	1.73	237.00	3.01	0.31
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	410.83	68.66		68.92	61.70	0.001532	2.26	181.87	3.12	0.40
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	399.77	68.22		68.51	61.20	0.001516	2.39	167.38	3.35	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	398.32	67.75		68.02	62.20	0.001698	2.30	173.28	2.96	0.42
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	341.26	67.63		67.73	61.90	0.000637	1.41	241.89	2.97	0.26
Elsa	Poggi_Castellior	292	Max WS	266.75	67.44		67.61	61.90	0.001134	1.83	145.62	2.86	0.34
Elsa	Poggi_Castellior	291.75*	Max WS	257.36	67.43		67.57	61.93	0.001043	1.63	158.19	2.86	0.30
Elsa	Poggi_Castellior	291.5*	Max WS	248.02	67.43		67.53	61.95	0.000801	1.43	172.89	2.89	0.26
Elsa	Poggi_Castellior	291.25*	Max WS	238.48	67.43		67.51	61.97	0.000600	1.26	189.87	2.94	0.23
Elsa	Poggi_Castellior	291	Max WS	227.68	67.43		67.49	62.00	0.000373	1.09	209.26	3.01	0.19
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	353.75	66.72		67.03	61.90	0.002439	2.44	145.13	2.47	0.49
Elsa	Poggi_Castellior	289	Max WS	353.74	65.81		66.39	61.80	0.006660	3.39	104.33	1.91	0.77
Elsa	Poggi_Castellior	288	Max WS	353.74	65.93		66.18	62.00	0.003369	2.22	159.41	1.68	0.54
Elsa	Poggi_Castellior	287.6	Max WS	353.74	65.90	65.03	66.16	62.00	0.003564	2.26	156.58	1.66	0.55
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	353.74	65.52		65.55	58.70	0.000260	0.77	460.46	2.34	0.16
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	373.90	65.52		65.54	58.00	0.000119	0.62	613.30	2.97	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	400.83	65.29		65.46	58.90	0.002018	1.81	220.92	1.83	0.42
Elsa	Poggi_Castellior	283	Max WS	336.16	65.11		65.23	58.60	0.000799	1.54	218.59	2.87	0.28
Elsa	Poggi_Castellior	282	Max WS	335.64	65.03		65.19	58.50	0.001544	1.75	197.69	2.12	0.37
Elsa	Poggi_Castellior	281.9	Max WS	335.50	65.01	62.18	65.17	58.50	0.001516	1.78	194.79	2.21	0.37
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	335.98	65.08		65.14	58.80	0.000249	1.07	313.51	3.99	0.17
Elsa	Poggi_Castellior	281	Max WS	335.96	65.08		65.14	58.80	0.000249	1.07	313.30	3.98	0.17
Elsa	Poggi_Castellior	280	Max WS	335.76	65.07		65.12	58.00	0.000293	1.07	313.55	3.53	0.18
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	374.43	64.99		65.09	58.00	0.000383	1.35	277.89	4.06	0.21
Elsa	Poggi_Castellior	277	Max WS	374.45	64.99		65.09	58.00	0.000383	1.35	277.87	4.06	0.21
Elsa	Poggi_Castellior	276	Max WS	416.61	64.76		64.97	57.60	0.001084	2.05	203.65	3.49	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	416.58	64.49		64.84	57.88	0.001986	2.64	157.70	3.25	0.45
Elsa	Poggi_Castellior	273	Max WS	416.49	64.13		64.41	57.39	0.001604	2.34	178.16	3.17	0.40
Elsa	Poggi_Castellior	272	Max WS	416.44	63.98		64.19	56.94	0.001372	2.05	203.15	2.93	0.37
Elsa	Poggi_Castellior	271	Max WS	416.08	63.56		63.79	56.54	0.001608	2.09	199.03	2.68	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	416.06	63.37		63.56	56.53	0.001305	1.95	213.74	2.81	0.36
Elsa	Poggi_Castellior	269	Max WS	416.04	63.13		63.36	54.36	0.001341	2.12	196.42	3.13	0.37
Elsa	Poggi_Castellior	268	Max WS	415.95	62.58		62.87	54.91	0.002289	2.42	172.15	2.55	0.46
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	415.91	62.38		62.63	54.27	0.001557	2.23	186.23	3.03	0.39
Elsa	Poggi_Castellior	266	Max WS	415.87	62.28		62.49	54.22	0.001114	2.01	206.84	3.33	0.34
Elsa	Poggi_Castellior	265	Max WS	415.86	62.21		62.39	54.36	0.001094	1.85	225.07	2.97	0.33
Elsa	Poggi_Castellior	264	Max WS	415.69	61.96		62.19	53.78	0.001506	2.12	196.33	2.87	0.38
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	415.54	61.58		61.76	52.82	0.001542	1.90	218.22	2.40	0.38
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	393.13	61.25		61.44	52.86	0.001130	1.89	207.48	3.01	0.33
Elsa	Poggi_Castellior	261	Max WS	392.19	60.90		61.14	52.58	0.001593	2.17	180.49	2.86	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	392.18	60.85		61.09	52.66	0.001539	2.15	182.74	2.88	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	392.17	60.81		61.04	52.75	0.001490	2.12	185.09	2.89	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	392.14	60.77		60.99	52.83	0.001445	2.09	187.50	2.90	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	392.14	60.73		60.95	52.92	0.001405	2.06	190.03	2.91	0.38
Elsa	Poggi_Castellior	260.166*	Max WS	392.11	60.69		60.90	53.01	0.001369	2.04	192.60	2.91	0.37
Elsa	Poggi_Castellior	260	Max WS	392.10	60.66		60.86	53.09	0.001337	2.01	195.28	2.90	0.37
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	415.14	60.12		60.35	51.64	0.001409	2.13	195.02	3.04	0.37
Elsa	Poggi_Castellior	258	Max WS	408.84	59.93		60.14	51.94	0.001175	2.05	199.02	3.30	0.35
Elsa	Poggi_Castellior	257	Max WS	408.83	59.72		59.94	50.99	0.001102	2.07	197.10	3.52	0.33
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	388.96	59.51		59.79	51.39	0.001602	2.35	165.32	3.21	0.40
Elsa	Poggi_Castellior	255	Max WS	387.13	59.29		59.55	50.78	0.001462	2.26	171.49	3.11	0.38
Elsa	Poggi_Castellior	254	Max WS	386.92	59.12		59.44	51.95	0.001807	2.49	155.15	3.20	0.42
Elsa	Poggi_Castellior	253.7	Max WS	394.82	58.96		59.24	51.50	0.001603	2.32	169.86	3.15	0.40
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	391.67	58.73		58.99	51.30	0.001682	2.25	173.99	2.89	0.40
Elsa	Poggi_Castellior	253	Max WS	385.67	58.48		58.74	51.63	0.001496	2.30	167.66	3.26	0.39
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	385.65	58.15		58.45	50.91	0.001480	2.45	157.19	3.63	0.39
Elsa	Poggi_Castellior	251	Max WS	352.34	57.96		58.19	51.06	0.001361	2.15	164.38	2.98	0.37
Elsa	Poggi_Castellior	250	Max WS	334.00	57.51		57.93	50.57	0.002562	2.84	117.54	2.99	0.50
Elsa	Poggi_Castellior	249	Max WS	333.85	57.30		57.56	50.30	0.001038	2.24	169.64	4.12	0.34
Elsa	Poggi_Castellior	248.5*	Max WS	339.82	57.21		57.51	50.15	0.001427	2.43	169.07	4.12	0.37
Elsa	Poggi_Castellior	248	Max WS	352.36	57.15		57.45	49.99	0.001129	2.45	191.85	4.43	0.35
Elsa	Poggi_Castellior	247.666*	Max WS	366.70	57.08		57.39	49.82	0.001124	2.48	169.49	4.29	0.36
Elsa	Poggi_Castellior	247.333*	Max WS	372.68	56.98		57.33	49.64	0.001483	2.62	147.35	3.75	0.39
Elsa	Poggi_Castellior	247	Max WS	372.51	56.82		57.27	49.47	0.002285	2.96	125.75	3.47	0.46
Elsa	Poggi_Castellior	246.833*	Max WS	370.46	56.84		57.21	49.43	0.001684	2.67	140.33	3.73	0.41
Elsa	Poggi_Castellior	246.666*	Max WS	367.33	56.85		57.16	49.38	0.001409	2.48	152.63	3.82	0.38
Elsa	Poggi_Castellior	246.5*	Max WS	363.32	56.84		57.12	49.33	0.001277	2.35	162.70	3.79	0.36
Elsa	Poggi_Castellior	246.333*	Max WS	358.77	56.83		57.09	49.29	0.001237	2.27	170.48	3.68	0.36
Elsa	Poggi_Castellior	246.166*	Max WS	354.24	56.80		57.06	49.25	0.001281	2.23	175.73	3.50	0.36

HEC-RAS Plan: T020d06 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	352.93	56.75		57.01	49.20	0.001431	2.26	177.77	3.28	0.38
Elsa	Poggi_Castelfior	245.99											
Elsa	Poggi_Castelfior	245.9	Max WS	352.98	56.75		57.01	49.20	0.001433	2.26	177.66	3.28	0.38
Elsa	Poggi_Castelfior	244	Max WS	372.48	56.38		56.63	49.36	0.001245	2.22	168.10	3.54	0.35
Elsa	Poggi_Castelfior	243.98											
Elsa	Poggi_Castelfior	243	Max WS	342.35	56.34		56.54	49.36	0.001041	1.96	175.69	3.25	0.33
Elsa	Poggi_Castelfior	242	Max WS	331.52	56.25		56.37	48.45	0.000528	1.52	219.24	3.70	0.24
Elsa	Poggi_Castelfior	241.59											
Elsa	Poggi_Castelfior	241	Max WS	374.76	55.88		56.12	48.42	0.001199	2.21	169.94	3.62	0.35
Elsa	Poggi_Castelfior	240.857*	Max WS	374.76	55.83		56.09	48.39	0.001299	2.26	165.93	3.53	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	374.74	55.78		56.05	48.36	0.001379	2.29	163.64	3.45	0.38
Elsa	Poggi_Castelfior	240.571*	Max WS	374.73	55.74		56.01	48.33	0.001415	2.30	163.21	3.39	0.38
Elsa	Poggi_Castelfior	240.428*	Max WS	374.31	55.71		55.97	48.31	0.001384	2.27	164.70	3.40	0.38
Elsa	Poggi_Castelfior	240.285*	Max WS	372.71	55.69		55.94	48.28	0.001298	2.21	168.28	3.43	0.36
Elsa	Poggi_Castelfior	240.142*	Max WS	371.30	55.67		55.91	48.25	0.001181	2.14	173.72	3.49	0.35
Elsa	Poggi_Castelfior	240	Max WS	371.03	55.66		55.88	48.22	0.001054	2.05	180.88	3.58	0.33
Elsa	Poggi_Castelfior	239	Max WS	401.01	55.52		55.71	47.84	0.000726	1.93	208.17	4.30	0.28
Elsa	Poggi_Castelfior	238.99											
Elsa	Poggi_Castelfior	238.98											
Elsa	Poggi_Castelfior	238.88											
Elsa	Poggi_Castelfior	238	Max WS	397.63	55.24		55.52	48.07	0.001713	2.35	169.17	3.05	0.41
Elsa	Poggi_Castelfior	237	Max WS	397.63	55.14		55.40	48.60	0.001461	2.26	175.87	3.24	0.39
Elsa	Poggi_Castelfior	236	Max WS	397.63	55.21		55.39	48.21	0.000880	1.86	214.09	3.53	0.31
Elsa	Poggi_Castelfior	235	Max WS	397.63	55.15		55.35	47.79	0.001208	2.00	199.08	3.10	0.35
Elsa	Poggi_Castelfior	234	Max WS	397.63	55.16		55.32	47.30	0.000873	1.75	227.50	3.24	0.30
Elsa	Poggi_Castelfior	233	Max WS	389.02	55.04		55.17	48.23	0.000683	1.59	244.61	3.33	0.27
Elsa	Poggi_Castelfior	232	Max WS	373.82	54.13		54.62	48.71	0.003325	3.10	120.70	2.80	0.57
Elsa	Poggi_Castelfior	231	Max WS	377.92	53.95		54.12	47.01	0.001139	1.83	206.85	2.83	0.34
Elsa	Poggi_Castelfior	230.99											
Elsa	Poggi_Castelfior	230	Max WS	355.01	53.64		53.84	46.02	0.001420	1.95	182.07	2.65	0.37
Elsa	Poggi_Castelfior	228	Max WS	353.40	53.58		53.67	46.35	0.000392	1.34	262.98	3.98	0.21
Elsa	Poggi_Castelfior	227	Max WS	414.05	53.48		53.56	45.96	0.000367	1.29	320.86	3.94	0.20
Elsa	Poggi_Castelfior	226	Max WS	413.99	53.17		53.33	45.51	0.000917	1.79	231.09	3.24	0.31

D06 ore

APE	Profile	Plan	W.S. Elev (m)	SA Min El (m)	SA Volume (1000 m3)
D0	Max WS	T200d06	89.32	87	55.65
D0	Max WS	T100d06	88.78	87	28.02
D0	Max WS	T030d06	87	87	0
D0	Max WS	T020d06	87	87	0
D10a	Max WS	T200d06	75.89	73.5	7.15
D10a	Max WS	T100d06	75.47	73.5	5.22
D10a	Max WS	T030d06	74.7	73.5	2.04
D10a	Max WS	T020d06	73.5	73.5	0
D10b	Max WS	T200d06	75.93	72	20.75
D10b	Max WS	T100d06	75.57	72	14.09
D10b	Max WS	T030d06	74.7	72	1.94
D10b	Max WS	T020d06	72	72	0
D11a	Max WS	T200d06	75.57	71.75	129.4
D11a	Max WS	T100d06	75.06	71.75	92.02
D11a	Max WS	T030d06	74.18	71.75	28.79
D11a	Max WS	T020d06	73.5	71.75	0.94
D11b	Max WS	T200d06	74.28	66.25	99
D11b	Max WS	T100d06	73.86	66.25	70.94
D11b	Max WS	T030d06	73.03	66.25	18.39
D11b	Max WS	T020d06	72.53	66.25	2.78
D11c	Max WS	T200d06	75.72	73	42.17
D11c	Max WS	T100d06	75.06	73	23.46
D11c	Max WS	T030d06	74.02	73	1.08
D11c	Max WS	T020d06	73	73	0
D12a	Max WS	T200d06	75.17	72.5	20.52
D12a	Max WS	T100d06	74.46	72.5	4.57
D12a	Max WS	T030d06	74	72.5	0.59
D12a	Max WS	T020d06	73.5	72.5	0.11
D12b	Max WS	T200d06	74.29	70	198.86
D12b	Max WS	T100d06	73.85	70	130.02
D12b	Max WS	T030d06	72.94	70	28.32
D12b	Max WS	T020d06	71.83	70	1.16
D13	Max WS	T200d06	74.06	66.5	19.5
D13	Max WS	T100d06	73.54	66.5	12.97
D13	Max WS	T030d06	72.72	66.5	3.31
D13	Max WS	T020d06	66.5	66.5	0
D14	Max WS	T200d06	73.42	69.5	93.25
D14	Max WS	T100d06	72.97	69.5	46.81
D14	Max WS	T030d06	72.16	69.5	8.71

D06 ore

D14	Max WS	T020d06	71.7	69.5	2.11
D15a	Max WS	T200d06	72.59	69	51.04
D15a	Max WS	T100d06	72.3	69	35.28
D15a	Max WS	T030d06	71.77	69	10.81
D15a	Max WS	T020d06	71.57	69	5.77
D15b	Max WS	T200d06	72.33	68	102.7
D15b	Max WS	T100d06	72.02	68	83.76
D15b	Max WS	T030d06	71.34	68	42.93
D15b	Max WS	T020d06	71.1	68	29.43
D16	Max WS	T200d06	72.58	69.8	83.99
D16	Max WS	T100d06	71.96	69.8	43.84
D16	Max WS	T030d06	71.08	69.8	3.94
D16	Max WS	T020d06	70.64	69.8	0.26
D17a	Max WS	T200d06	71.81	64	298.99
D17a	Max WS	T100d06	71.28	64	224.9
D17a	Max WS	T030d06	70.21	64	77.88
D17a	Max WS	T020d06	69.97	64	48.13
D17b	Max WS	T200d06	70.79	65.8	173.85
D17b	Max WS	T100d06	70.3	65.8	146.36
D17b	Max WS	T030d06	69.46	65.8	101.7
D17b	Max WS	T020d06	69.19	65.8	87.66
D17c	Max WS	T200d06	70.92	68	96.29
D17c	Max WS	T100d06	70.37	68	69.87
D17c	Max WS	T030d06	69.57	68	31.76
D17c	Max WS	T020d06	69.23	68	16.39
D17d	Max WS	T200d06	71.39	68	17.4
D17d	Max WS	T100d06	71.02	68	12.97
D17d	Max WS	T030d06	70.12	68	4.46
D17d	Max WS	T020d06	69.68	68	1.36
D18	Max WS	T200d06	70.5	65.25	87.8
D18	Max WS	T100d06	70.04	65.25	46.55
D18	Max WS	T030d06	69.25	65.25	12.93
D18	Max WS	T020d06	69.05	65.25	9.67
D19	Max WS	T100d06	66.1	63.5	81.41
D19	Max WS	T030d06	64.19	63.5	0.01
D19	Max WS	T200d06	63.5	63.5	0
D19	Max WS	T020d06	63.5	63.5	0
D1a	Max WS	T200d06	89.32	83.25	114.34
D1a	Max WS	T100d06	88.78	83.25	70.9

D06 ore

D1a	Max WS	T030d06	87.71	83.25	9.49
D1a	Max WS	T020d06	87.36	83.25	3.36
D1b	Max WS	T200d06	86.45	82.5	66.6
D1b	Max WS	T100d06	86.09	82.5	36.2
D1b	Max WS	T030d06	85.02	82.5	0.75
D1b	Max WS	T020d06	82.5	82.5	0
D1c	Max WS	T200d06	85.72	82.75	96.13
D1c	Max WS	T100d06	85.33	82.75	59.4
D1c	Max WS	T030d06	84.66	82.75	18.54
D1c	Max WS	T020d06	84.34	82.75	8.27
D1d	Max WS	T200d06	88.87	82.75	42.54
D1d	Max WS	T100d06	82.75	82.75	0
D1d	Max WS	T030d06	82.75	82.75	0
D1d	Max WS	T020d06	82.75	82.75	0
D2	Max WS	T200d06	83.3	76.75	87.68
D2	Max WS	T100d06	82.89	76.75	57.36
D2	Max WS	T030d06	82.31	76.75	19.51
D2	Max WS	T020d06	82.03	76.75	9.38
D20	Max WS	T200d06	62	62	0
D20	Max WS	T100d06	62	62	0
D20	Max WS	T030d06	62	62	0
D20	Max WS	T020d06	62	62	0
D21	Max WS	T200d06	61.8	61.8	0
D21	Max WS	T100d06	61.8	61.8	0
D21	Max WS	T030d06	61.8	61.8	0
D21	Max WS	T020d06	61.8	61.8	0
D22	Max WS	T200d06	63	58.25	96.36
D22	Max WS	T100d06	58.25	58.25	0
D22	Max WS	T030d06	58.25	58.25	0
D22	Max WS	T020d06	58.25	58.25	0
D23	Max WS	T200d06	58.8	58.8	0
D23	Max WS	T100d06	58.8	58.8	0
D23	Max WS	T030d06	58.8	58.8	0
D23	Max WS	T020d06	58.8	58.8	0
D24a	Max WS	T200d06	59.66	55	89.08
D24a	Max WS	T100d06	59.53	55	66.45
D24a	Max WS	T030d06	59.39	55	45.18
D24a	Max WS	T020d06	59.32	55	36.4
D24b	Max WS	T200d06	55.25	55.25	0

D06 ore

D24b	Max WS	T100d06	55.25	55.25	0
D24b	Max WS	T030d06	55.25	55.25	0
D24b	Max WS	T020d06	55.25	55.25	0
D25	Max WS	T200d06	59.65	58	31.3
D25	Max WS	T100d06	59.53	58	21.26
D25	Max WS	T030d06	59.38	58	12.4
D25	Max WS	T020d06	59.3	58	8.29
D26a	Max WS	T200d06	58.51	51.25	695.95
D26a	Max WS	T100d06	58.02	51.25	510.41
D26a	Max WS	T030d06	57.02	51.25	162.75
D26a	Max WS	T020d06	56.76	51.25	97.3
D26b	Max WS	T200d06	59.6	54.75	643.79
D26b	Max WS	T100d06	59.25	54.75	503.2
D26b	Max WS	T030d06	58.55	54.75	220.57
D26b	Max WS	T020d06	58.27	54.75	125.54
D27a	Max WS	T200d06	57.49	53.25	278.46
D27a	Max WS	T100d06	57.06	53.25	149.17
D27a	Max WS	T030d06	56.51	53.25	22.55
D27a	Max WS	T020d06	56.3	53.25	7.17
D27b	Max WS	T200d06	58.52	55.75	124.57
D27b	Max WS	T100d06	58.32	55.75	85.94
D27b	Max WS	T030d06	57.77	55.75	16.36
D27b	Max WS	T020d06	57.51	55.75	2.71
D28a	Max WS	T200d06	56.13	54.5	60.53
D28a	Max WS	T100d06	55.61	54.5	8.54
D28a	Max WS	T030d06	54.5	54.5	0
D28a	Max WS	T020d06	54.5	54.5	0
D28b	Max WS	T200d06	55.81	52	358.47
D28b	Max WS	T100d06	55.41	52	221.67
D28b	Max WS	T030d06	54.89	52	82.91
D28b	Max WS	T020d06	54.75	52	54.56
D29	Max WS	T200d06	56.84	52	285.17
D29	Max WS	T100d06	56	52	140.47
D29	Max WS	T030d06	55.31	52	46.73
D29	Max WS	T020d06	54.99	52	22.73
D3	Max WS	T200d06	83.3	80.5	2.3
D3	Max WS	T100d06	82.85	80.5	0.86
D3	Max WS	T030d06	80.5	80.5	0
D3	Max WS	T020d06	80.5	80.5	0

D06 ore

D30a	Max WS	T200d06	54.72	50.25	481.11
D30a	Max WS	T100d06	54.46	50.25	415.08
D30a	Max WS	T030d06	52.16	50.25	1.95
D30a	Max WS	T020d06	50.25	50.25	0
D30b	Max WS	T200d06	53.84	50.5	397.67
D30b	Max WS	T100d06	53.45	50.5	260.5
D30b	Max WS	T030d06	50.5	50.5	0
D30b	Max WS	T020d06	50.5	50.5	0
D4	Max WS	T200d06	82.18	80.5	1.28
D4	Max WS	T100d06	80.5	80.5	0
D4	Max WS	T030d06	80.5	80.5	0
D4	Max WS	T020d06	80.5	80.5	0
D5	Max WS	T200d06	81.33	76	26.44
D5	Max WS	T100d06	81.11	76	22.43
D5	Max WS	T030d06	80.58	76	14.92
D5	Max WS	T020d06	80.38	76	12.65
D6a	Max WS	T200d06	80.78	77.25	16.97
D6a	Max WS	T100d06	80.54	77.25	13.31
D6a	Max WS	T030d06	77.25	77.25	0
D6a	Max WS	T020d06	77.25	77.25	0
D6b	Max WS	T200d06	80.51	75.75	3.68
D6b	Max WS	T100d06	78.6	75.75	0.75
D6b	Max WS	T030d06	75.75	75.75	0
D6b	Max WS	T020d06	75.75	75.75	0
D7a	Max WS	T200d06	79.6	76	20.6
D7a	Max WS	T100d06	79.39	76	16.1
D7a	Max WS	T030d06	79.09	76	9.96
D7a	Max WS	T020d06	78.96	76	7.66
D7b	Max WS	T200d06	79.6	75	73.89
D7b	Max WS	T100d06	79.32	75	64.3
D7b	Max WS	T030d06	78.08	75	27.37
D7b	Max WS	T020d06	77.47	75	12.93
D8a	Max WS	T200d06	77.91	73.75	111.69
D8a	Max WS	T100d06	77.55	73.75	86.71
D8a	Max WS	T030d06	76.83	73.75	40.31
D8a	Max WS	T020d06	76.51	73.75	22.28
D8b	Max WS	T200d06	76.42	74.25	69.52
D8b	Max WS	T100d06	76.03	74.25	49.29
D8b	Max WS	T030d06	75.52	74.25	24.55
D8b	Max WS	T020d06	75.07	74.25	6.98

D06 ore

D8c	Max WS	T200d06	76.37	73	13.23
D8c	Max WS	T100d06	75.84	73	8.34
D8c	Max WS	T030d06	75.2	73	2.71
D8c	Max WS	T020d06	75.05	73	1.43
D9	Max WS	T200d06	75.92	74	5.06
D9	Max WS	T100d06	75.57	74	2.01
D9	Max WS	T030d06	74.7	74	0.12
D9	Max WS	T020d06	74	74	0
S1	Max WS	T200d06	90.89	87	86.72
S1	Max WS	T100d06	90.29	87	43.04
S1	Max WS	T030d06	87	87	0
S1	Max WS	T020d06	87	87	0
S10a	Max WS	T200d06	69.38	64.75	399.38
S10a	Max WS	T100d06	69	64.75	309.28
S10a	Max WS	T030d06	68.26	64.75	136.91
S10a	Max WS	T020d06	68.08	64.75	97.9
S10b	Max WS	T200d06	68.71	66.5	56.58
S10b	Max WS	T100d06	68.38	66.5	37.79
S10b	Max WS	T030d06	67.89	66.5	16.88
S10b	Max WS	T020d06	67.77	66.5	13
S11a	Max WS	T200d06	68.69	65.5	53.02
S11a	Max WS	T100d06	68.37	65.5	42.06
S11a	Max WS	T030d06	67.88	65.5	25.69
S11a	Max WS	T020d06	67.75	65.5	21.54
S11b	Max WS	T200d06	68.31	63	128.09
S11b	Max WS	T100d06	68.04	63	113.47
S11b	Max WS	T030d06	67.54	63	86.81
S11b	Max WS	T020d06	67.39	63	78.8
S11c	Max WS	T200d06	68.69	66	79.36
S11c	Max WS	T100d06	68.37	66	59.84
S11c	Max WS	T030d06	67.88	66	34.41
S11c	Max WS	T020d06	67.76	66	28.8
S11d	Max WS	T200d06	68.48	63.25	236.17
S11d	Max WS	T100d06	68.16	63.25	179.2
S11d	Max WS	T030d06	67.62	63.25	96.5
S11d	Max WS	T020d06	67.44	63.25	76.1
S12	Max WS	T200d06	67.2	60.75	172.43
S12	Max WS	T100d06	66.84	60.75	131
S12	Max WS	T030d06	66.1	60.75	64.99

D06 ore

S12	Max WS	T020d06	65.92	60.75	52.32
S13a	Max WS	T200d06	65.43	62.25	151.02
S13a	Max WS	T100d06	65.01	62.25	119.52
S13a	Max WS	T030d06	63.98	62.25	49.47
S13a	Max WS	T020d06	63.76	62.25	35.33
S13b	Max WS	T200d06	62.94	58.5	165.9
S13b	Max WS	T100d06	62.56	58.5	122.07
S13b	Max WS	T030d06	61.92	58.5	55.82
S13b	Max WS	T020d06	61.7	58.5	35.75
S14a	Max WS	T200d06	61.62	58	144.14
S14a	Max WS	T100d06	61.34	58	116.49
S14a	Max WS	T030d06	60.73	58	60.49
S14a	Max WS	T020d06	60.53	58	42.95
S14b	Max WS	T200d06	60.34	54.5	115.77
S14b	Max WS	T100d06	60.05	54.5	88.24
S14b	Max WS	T030d06	59.44	54.5	38.48
S14b	Max WS	T020d06	59.16	54.5	21.19
S15	Max WS	T200d06	58.72	52.25	272.46
S15	Max WS	T100d06	58.33	52.25	190.15
S15	Max WS	T030d06	57.56	52.25	57.51
S15	Max WS	T020d06	57.35	52.25	35.59
S16a	Max WS	T200d06	57.5	52.25	96.03
S16a	Max WS	T100d06	57.23	52.25	78.98
S16a	Max WS	T030d06	56.49	52.25	35.8
S16a	Max WS	T020d06	56.28	52.25	25.13
S16b	Max WS	T200d06	56.99	49.5	182.36
S16b	Max WS	T100d06	56.69	49.5	151.25
S16b	Max WS	T030d06	55.9	49.5	79.22
S16b	Max WS	T020d06	55.66	49.5	60.57
S16c	Max WS	T200d06	56.24	52	614.42
S16c	Max WS	T100d06	56.02	52	555.79
S16c	Max WS	T030d06	55.24	52	345.87
S16c	Max WS	T020d06	54.81	52	238.18
S17	Max WS	T200d06	52.87	50	512.34
S17	Max WS	T100d06	51.84	50	157.28
S17	Max WS	T030d06	50	50	0
S17	Max WS	T020d06	50	50	0
S2a	Max WS	T200d06	89.8	82.75	25.69
S2a	Max WS	T100d06	89.42	82.75	14.48
S2a	Max WS	T030d06	82.75	82.75	0
S2a	Max WS	T020d06	82.75	82.75	0
S2b	Max WS	T200d06	89.17	85	76.9
S2b	Max WS	T100d06	88.68	85	52.67
S2b	Max WS	T030d06	87.65	85	14.76
S2b	Max WS	T020d06	87.16	85	5.15
S2c	Max WS	T200d06	85.75	83.75	15.72

D06 ore

S2c	Max WS	T100d06	85.2	83.75	4.77
S2c	Max WS	T030d06	83.75	83.75	0
S2c	Max WS	T020d06	83.75	83.75	0
S2d	Max WS	T200d06	87.81	83.75	31.37
S2d	Max WS	T100d06	87.49	83.75	22.05
S2d	Max WS	T030d06	83.75	83.75	0
S2d	Max WS	T020d06	83.75	83.75	0
S3a	Max WS	T200d06	85.36	80.25	519.55
S3a	Max WS	T100d06	84.84	80.25	381.42
S3a	Max WS	T030d06	81.23	80.25	37.59
S3a	Max WS	T020d06	80.26	80.25	0.38
S3b	Max WS	T200d06	83.93	80.25	104.96
S3b	Max WS	T100d06	83.47	80.25	55.72
S3b	Max WS	T030d06	82.79	80.25	15.29
S3b	Max WS	T020d06	82.3	80.25	3.46
S4a	Max WS	T200d06	81.47	79	6.64
S4a	Max WS	T100d06	79	79	0
S4a	Max WS	T030d06	79	79	0
S4a	Max WS	T020d06	79	79	0
S4b	Max WS	T200d06	79.98	75	257.26
S4b	Max WS	T100d06	79.65	75	174.41
S4b	Max WS	T030d06	79.05	75	56.57
S4b	Max WS	T020d06	78.94	75	42.51
S4c	Max WS	T200d06	82	82	0
S4c	Max WS	T100d06	82	82	0
S4c	Max WS	T030d06	82	82	0
S4c	Max WS	T020d06	82	82	0
S4d	Max WS	T200d06	79.98	79	0.81
S4d	Max WS	T100d06	79.65	79	0.54
S4d	Max WS	T030d06	79.05	79	0.04
S4d	Max WS	T020d06	79	79	0
S5a	Max WS	T200d06	79.37	74.5	992.47
S5a	Max WS	T100d06	78.9	74.5	729.7
S5a	Max WS	T030d06	78.22	74.5	384.91
S5a	Max WS	T020d06	78.01	74.5	297.4
S5b	Max WS	T200d06	79.36	76	47.62
S5b	Max WS	T100d06	78.9	76	27.21
S5b	Max WS	T030d06	78.22	76	8.91
S5b	Max WS	T020d06	78.01	76	6.01
S6a	Max WS	T200d06	78.42	74.25	223.85
S6a	Max WS	T100d06	78.07	74.25	190.43
S6a	Max WS	T030d06	77.58	74.25	144.58
S6a	Max WS	T020d06	77.4	74.25	127.06

D06 ore

S6b	Max WS	T200d06	76.87	73	185.62
S6b	Max WS	T100d06	76.47	73	137.71
S6b	Max WS	T030d06	75.68	73	57.55
S6b	Max WS	T020d06	75.43	73	38.92
S6c	Max WS	T200d06	77.57	73.5	133.52
S6c	Max WS	T100d06	77.19	73.5	108.7
S6c	Max WS	T030d06	76.66	73.5	74.2
S6c	Max WS	T020d06	76.44	73.5	59.6
S7a	Max WS	T200d06	75.83	67.5	254.83
S7a	Max WS	T100d06	75.45	67.5	193.28
S7a	Max WS	T030d06	74.88	67.5	109.57
S7a	Max WS	T020d06	74.65	67.5	82.48
S7b	Max WS	T200d06	74.48	70	42.97
S7b	Max WS	T100d06	74.17	70	29.4
S7b	Max WS	T030d06	73.64	70	8.45
S7b	Max WS	T020d06	73.4	70	2.81
S8	Max WS	T200d06	74.09	66	187.66
S8	Max WS	T100d06	73.63	66	136.3
S8	Max WS	T030d06	72.91	66	62.39
S8	Max WS	T020d06	72.38	66	21.08
S9a	Max WS	T100d06	72.56	67.75	67.2
S9a	Max WS	T030d06	72.26	67.75	49.46
S9a	Max WS	T200d06	71.76	67.75	22.16
S9a	Max WS	T020d06	71.27	67.75	4.08
S9b	Max WS	T200d06	72.18	66.25	239.96
S9b	Max WS	T100d06	71.88	66.25	192.73
S9b	Max WS	T030d06	71.22	66.25	92.52
S9b	Max WS	T020d06	70.1	66.25	5.79
S9c	Max WS	T200d06	71.97	65	97.48
S9c	Max WS	T100d06	71.7	65	82.79
S9c	Max WS	T030d06	69.86	65	6.66
S9c	Max WS	T020d06	65	65	0

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	603.32	91.23		92.15	84.18	0.004742	4.25	142.04	3.45	0.70
Elsa	Poggi_Castelfior	357.2	Max WS	603.34	91.23		92.14	84.15	0.004636	4.21	143.18	3.47	0.69
Elsa	Poggi_Castelfior	357	Max WS	603.42	91.42		91.57	84.25	0.000716	1.73	348.12	3.71	0.28
Elsa	Poggi_Castelfior	356	Max WS	603.48	91.32		91.49	84.60	0.000816	1.83	329.69	3.65	0.30
Elsa	Poggi_Castelfior	355	Max WS	603.35	91.15		91.34	83.39	0.000839	1.91	315.63	3.82	0.31
Elsa	Poggi_Castelfior	354	Max WS	603.35	91.00		91.29	83.34	0.001249	2.36	255.90	3.88	0.37
Elsa	Poggi_Castelfior	353.9	Max WS	603.37	91.04	88.04	91.27	83.17	0.000929	2.15	281.29	4.20	0.32
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	353.1	Max WS	603.36	91.01		91.25	83.17	0.000943	2.16	279.89	4.18	0.33
Elsa	Poggi_Castelfior	353	Max WS	603.36	91.01		91.24	82.70	0.000853	2.16	279.44	4.52	0.31
Elsa	Poggi_Castelfior	352	Max WS	603.37	91.02		91.19	82.60	0.000634	1.82	331.27	4.38	0.27
Elsa	Poggi_Castelfior	351	Max WS	603.35	90.88		91.02	81.90	0.001296	2.55	236.35	4.25	0.38
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	590.00	90.50		90.90	82.08	0.001303	2.84	215.87	4.38	0.38
Elsa	Poggi_Castelfior	350.33	Max WS	579.83	90.40		90.79	81.63	0.001316	2.79	209.80	4.50	0.37
Elsa	Poggi_Castelfior	350	Max WS	602.13	90.27		90.67	81.70	0.001662	2.81	215.09	3.91	0.42
Elsa	Poggi_Castelfior	349	Max WS	799.81	89.77		90.31	81.40	0.001598	3.26	251.22	4.63	0.43
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	795.95	89.77		90.30	81.40	0.001589	3.25	250.87	4.63	0.43
Elsa	Poggi_Castelfior	348.5	Max WS	796.69	89.21		89.88	81.24	0.002384	3.73	234.91	3.19	0.51
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	787.45	88.95		89.67	80.83	0.003069	3.77	223.25	1.89	0.57
Elsa	Poggi_Castelfior	347.5	Max WS	781.32	89.15		89.36	79.61	0.000704	2.31	465.49	2.87	0.27
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	751.73	88.79		89.16	80.40	0.001440	2.69	289.86	3.43	0.40
Elsa	Poggi_Castelfior	346.5	Max WS	733.77	88.90		88.97	79.50	0.000204	1.11	676.45	4.46	0.16
Elsa	Poggi_Castelfior	346	Max WS	655.49	88.85		88.94	79.51	0.000391	1.35	486.16	3.80	0.21
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	626.13	88.77		88.89	79.47	0.000534	1.55	414.11	3.64	0.25
Elsa	Poggi_Castelfior	345	Max WS	790.12	87.93		88.57	78.83	0.002708	3.54	227.99	3.57	0.54
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	779.44	87.73		88.24	79.03	0.002306	3.16	246.56	3.80	0.49
Elsa	Poggi_Castelfior	344	Max WS	788.84	87.15		88.02	79.80	0.004779	4.13	190.93	3.29	0.70
Elsa	Poggi_Castelfior	343	Max WS	788.77	86.52		87.10	77.80	0.002585	3.39	235.84	3.58	0.53
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	723.95	85.93		86.44	77.80	0.002231	3.16	231.77	3.44	0.50
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	767.52	85.55		85.97	77.00	0.001307	2.87	270.31	4.22	0.38
Elsa	Poggi_Castelfior	341.5	Max WS	767.32	85.54		85.95	77.00	0.001292	2.82	273.33	4.66	0.38
Elsa	Poggi_Castelfior	341.4	Max WS	766.72	85.47		85.93	77.00	0.001447	2.98	260.92	4.18	0.40
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	690.93	85.36		85.57	77.30	0.000759	2.02	354.05	3.76	0.30
Elsa	Poggi_Castelfior	340	Max WS	661.88	85.36		85.50	77.70	0.000530	1.63	406.00	4.24	0.25
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	645.80	85.24		85.47	76.80	0.000953	2.14	375.81	3.90	0.32
Elsa	Poggi_Castelfior	338	Max WS	677.35	83.91		84.57	75.80	0.003074	3.61	222.92	3.53	0.57
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	686.85	83.69		84.01	75.60	0.001489	2.53	271.58	3.78	0.40
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	712.39	83.32		83.72	75.60	0.001398	2.80	260.73	4.06	0.40
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	722.10	83.21		83.52	74.60	0.001042	2.46	293.63	4.73	0.34
Elsa	Poggi_Castelfior	334	Max WS	767.19	82.46		82.90	74.40	0.003397	3.05	270.84	2.25	0.58
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	767.11	81.97		82.40	74.60	0.001771	3.03	310.23	4.10	0.45
Elsa	Poggi_Castelfior	333	Max WS	767.11	81.89		82.26	74.60	0.001484	2.83	534.61	4.15	0.41
Elsa	Poggi_Castelfior	332.5	Max WS	767.09	81.79		82.15	74.49	0.001872	2.73	519.91	3.60	0.40
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	767.05	81.59		81.96	74.29	0.001546	2.88	525.98	4.10	0.42
Elsa	Poggi_Castelfior	332	Max WS	766.46	81.75		81.92	74.20	0.000733	1.79	427.45	3.82	0.29
Elsa	Poggi_Castelfior	331	Max WS	764.52	81.49	78.22	81.87	73.50	0.001018	2.73	281.27	5.32	0.35
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	764.53	81.44		81.81	73.50	0.001116	2.69	283.71	5.16	0.35
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	761.50	81.03		81.76	73.65	0.002621	3.78	202.16	4.17	0.54
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	755.14	81.27		81.67	72.60	0.001784	2.83	267.22	3.89	0.44
Elsa	Poggi_Castelfior	328	Max WS	733.73	81.02		81.44	72.60	0.001741	2.85	257.89	3.80	0.44
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	728.94	80.87		81.36	72.60	0.002298	3.12	233.53	3.74	0.50
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	723.04	80.29		80.77	72.50	0.002828	3.09	233.90	3.15	0.54
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	676.58	79.80		80.11	72.20	0.001437	2.46	275.46	3.71	0.40
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	481.14	79.69		80.07	72.30	0.001963	2.72	176.99	3.42	0.45
Elsa	Poggi_Castelfior	323.857*	Max WS	481.14	79.63		79.98	72.31	0.001884	2.64	182.22	3.38	0.45
Elsa	Poggi_Castelfior	323.714*	Max WS	476.53	79.59		79.91	72.31	0.001741	2.62	188.79	3.35	0.43
Elsa	Poggi_Castelfior	323.571*	Max WS	431.26	79.67		79.90	72.32	0.001182	2.13	202.64	3.47	0.36
Elsa	Poggi_Castelfior	323.428*	Max WS	425.64	79.66		79.86	72.33	0.001039	2.02	211.19	3.50	0.33
Elsa	Poggi_Castelfior	323.285*	Max WS	414.80	79.65		79.83	72.34	0.000893	1.88	220.88	3.55	0.31
Elsa	Poggi_Castelfior	323.142*	Max WS	397.02	79.66		79.81	72.34	0.000713	1.71	231.75	3.60	0.28
Elsa	Poggi_Castelfior	323	Max WS	370.44	79.68		79.80	72.35	0.000558	1.52	243.82	3.67	0.25
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	509.48	78.97		79.20	72.32	0.001852	2.11	241.97	2.44	0.43
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	505.89	78.50		78.81	72.30	0.001888	2.45	206.85	3.01	0.44
Elsa	Poggi_Castelfior	320.99		Lat Struct									

HEC-RAS Plan: T200d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	498.44	77.98		78.38	71.80	0.002924	2.80	177.82	2.66	0.54
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	371.33	77.43		77.70	71.60	0.001272	2.39	168.32	2.97	0.37
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	540.13	76.87		77.15	71.20	0.001048	2.32	233.04	4.22	0.34
Elsa	Poggi_Castellior	317.6	Max WS	545.70	76.92		77.14	71.20	0.000812	2.06	268.07	3.99	0.31
Elsa	Poggi_Castellior	317.56	Max WS	553.38	76.88		77.11	71.20	0.000997	2.13	260.69	3.78	0.32
Elsa	Poggi_Castellior	317.54	Max WS	553.31	76.87		77.10	71.20	0.001006	2.14	260.75	3.69	0.32
Elsa	Poggi_Castellior	317.5	Max WS	553.31	76.86		77.10	71.20	0.000922	2.13	260.93	3.93	0.32
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	544.97	76.87		77.09	71.20	0.000858	2.07	264.11	4.02	0.31
Elsa	Poggi_Castellior	317.32*	Max WS	530.28	76.84		77.08	71.17	0.000960	2.15	247.24	3.94	0.33
Elsa	Poggi_Castellior	317.24*	Max WS	519.16	76.80		77.06	71.14	0.001121	2.27	229.42	3.83	0.36
Elsa	Poggi_Castellior	317.16*	Max WS	510.59	76.73		77.03	71.12	0.001372	2.43	210.52	3.68	0.39
Elsa	Poggi_Castellior	317.08*	Max WS	502.09	76.65		77.00	71.09	0.001747	2.64	190.59	3.52	0.44
Elsa	Poggi_Castellior	317	Max WS	494.20	76.52		76.95	71.06	0.002424	2.93	168.63	3.27	0.50
Elsa	Poggi_Castellior	316.5*	Max WS	491.10	76.56		76.89	71.14	0.001897	2.58	190.63	3.37	0.44
Elsa	Poggi_Castellior	316	Max WS	497.29	76.41	75.00	76.82	71.22	0.002245	2.83	176.91	2.98	0.49
Elsa	Poggi_Castellior	315.5		Inl Struct									
Elsa	Poggi_Castellior	315	Max WS	495.29	75.85		75.89	67.50	0.000109	0.91	543.45	5.82	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	536.36	75.76		75.88	67.40	0.000369	1.53	350.52	4.95	0.21
Elsa	Poggi_Castellior	313	Max WS	535.92	75.66		75.86	67.30	0.000792	2.03	277.95	4.35	0.30
Elsa	Poggi_Castellior	312.9	Max WS	535.81	75.65	71.85	75.86	67.30	0.000776	2.02	278.01	4.34	0.30
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	535.52	75.59		75.85	67.30	0.000799	2.24	243.54	4.53	0.29
Elsa	Poggi_Castellior	312	Max WS	535.53	75.59		75.85	67.30	0.000799	2.24	243.73	4.53	0.29
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	544.49	75.37		75.80	67.30	0.001801	2.91	187.23	3.97	0.44
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	548.61	75.29		75.67	67.06	0.001537	2.73	200.86	4.14	0.41
Elsa	Poggi_Castellior	310.6*	Max WS	559.16	75.20		75.55	66.82	0.001378	2.60	214.87	4.12	0.39
Elsa	Poggi_Castellior	310.4*	Max WS	552.08	75.18		75.46	66.58	0.001102	2.38	232.53	4.24	0.35
Elsa	Poggi_Castellior	310.2*	Max WS	514.09	75.22		75.43	66.34	0.000755	2.02	254.47	4.41	0.29
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	496.47	75.22		75.39	66.10	0.000580	1.81	274.99	4.53	0.26
Elsa	Poggi_Castellior	309.8*	Max WS	539.90	75.11		75.30	65.92	0.000760	1.97	274.55	4.38	0.29
Elsa	Poggi_Castellior	309.6*	Max WS	617.87	74.89		75.17	65.74	0.001176	2.32	266.42	4.12	0.35
Elsa	Poggi_Castellior	309.4*	Max WS	712.24	74.53		74.95	65.56	0.002108	2.89	246.78	3.84	0.45
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	704.89	74.35		74.80	65.38	0.002277	2.95	238.67	3.75	0.47
Elsa	Poggi_Castellior	309	Max WS	675.66	74.26		74.68	65.20	0.001903	2.86	236.23	3.78	0.45
Elsa	Poggi_Castellior	308.8*	Max WS	672.10	74.14		74.55	65.16	0.002113	2.83	237.19	3.73	0.45
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	657.45	74.04		74.42	65.12	0.002039	2.76	238.53	3.63	0.45
Elsa	Poggi_Castellior	308.4*	Max WS	627.44	74.00		74.34	65.08	0.001773	2.57	243.96	3.49	0.43
Elsa	Poggi_Castellior	308.2*	Max WS	602.60	73.95		74.25	65.04	0.001582	2.42	249.34	3.46	0.40
Elsa	Poggi_Castellior	308	Max WS	583.09	73.91		74.18	65.00	0.001365	2.30	254.26	3.43	0.38
Elsa	Poggi_Castellior	307.75*	Max WS	567.37	73.90		74.12	64.75	0.001113	2.09	272.14	3.62	0.34
Elsa	Poggi_Castellior	307.5*	Max WS	545.02	73.89		74.08	64.50	0.000889	1.90	286.27	3.74	0.30
Elsa	Poggi_Castellior	307.25*	Max WS	521.17	73.89		74.04	64.25	0.000793	1.77	295.14	3.82	0.28
Elsa	Poggi_Castellior	307	Max WS	507.16	73.85		74.01	64.00	0.000591	1.80	284.09	4.29	0.26
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	491.72	73.78		73.99	63.80	0.000761	2.05	244.43	4.09	0.29
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	526.29	73.37		73.76	64.00	0.001401	2.80	194.37	3.64	0.38
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	555.14	73.04		73.49	63.74	0.001637	2.99	191.32	3.57	0.41
Elsa	Poggi_Castellior	304	Max WS	607.70	73.00		73.24	63.40	0.000752	2.20	279.58	4.73	0.30
Elsa	Poggi_Castellior	303.7	Max WS	680.28	72.80	69.96	73.04	63.80	0.001527	2.95	231.85	4.37	0.42
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	679.94	72.58		73.03	63.80	0.001546	2.96	230.88	4.36	0.42
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	641.88	72.33		72.79	63.80	0.001753	3.02	213.34	4.17	0.45
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	584.41	72.23		72.46	63.00	0.001096	2.09	279.12	3.58	0.34
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	499.70	71.79		72.10	63.00	0.001119	2.52	214.46	3.45	0.35
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	498.77	71.29		71.70	62.70	0.001770	2.85	175.38	3.90	0.43
Elsa	Poggi_Castellior	299.5	Max WS	495.06	71.37		71.44	61.57	0.000235	1.20	411.09	4.96	0.17
Elsa	Poggi_Castellior	299	Max WS	662.17	70.71		71.13	61.30	0.002321	2.93	235.82	2.98	0.49
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	648.09	70.35		70.81	61.20	0.001817	3.03	291.83	3.39	0.44
Elsa	Poggi_Castellior	298.62	Max WS	651.70	70.42		70.69	61.50	0.000733	2.35	395.93	4.44	0.30
Elsa	Poggi_Castellior	298.61	Max WS	647.24	70.48		70.66	61.50	0.000466	1.90	407.81	4.84	0.24
Elsa	Poggi_Castellior	298.6	Max WS	647.26	70.47		70.65	61.50	0.000694	1.93	339.44	4.09	0.27
Elsa	Poggi_Castellior	298.4	Max WS	647.27	70.46		70.65	61.50	0.000698	1.93	338.83	4.09	0.27
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	643.05	70.46		70.64	61.50	0.000585	1.88	342.97	4.72	0.26
Elsa	Poggi_Castellior	298.09	Max WS	583.80	70.30		70.54	60.57	0.001076	2.18	269.71	3.71	0.34
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	678.16	70.04		70.28	62.50	0.001170	2.15	315.50	3.55	0.36
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	683.01	69.34		69.84	61.70	0.002359	3.11	219.60	3.65	0.50
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	546.04	69.16		69.50	61.20	0.001364	2.58	212.31	4.01	0.39
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	626.44	68.33		68.80	62.20	0.002475	3.04	206.08	3.37	0.52
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	513.91	68.26		68.42	61.90	0.000791	1.76	292.46	3.51	0.29
Elsa	Poggi_Castellior	292	Max WS	381.59	68.08		68.31	61.90	0.001283	2.16	177.04	3.32	0.36
Elsa	Poggi_Castellior	291.75*	Max WS	371.95	68.08		68.27	61.93	0.001190	1.93	192.56	3.35	0.33
Elsa	Poggi_Castellior	291.5*	Max WS	362.38	68.08		68.23	61.95	0.000933	1.72	210.10	3.39	0.29
Elsa	Poggi_Castellior	291.25*	Max WS	353.05	68.08		68.20	61.97	0.000724	1.54	229.82	3.45	0.26
Elsa	Poggi_Castellior	291	Max WS	342.68	68.08		68.18	62.00	0.000472	1.36	251.95	3.52	0.22
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	494.31	67.24		67.65	61.90	0.002670	2.83	174.93	2.84	0.52
Elsa	Poggi_Castellior	289	Max WS	491.23	66.45		67.09	61.80	0.005233	3.54	138.88	2.43	0.71
Elsa	Poggi_Castellior	288	Max WS	491.46	66.69		66.92	62.00	0.002033	2.12	231.46	2.30	0.44
Elsa	Poggi_Castellior	287.6	Max WS	491.46	66.67	65.51	66.91	62.00	0.002077	2.14	229.88	2.29	0.44
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	491.44	66.54		66.57	58.70	0.000156	0.74	659.78	3.27	0.13
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	535.12	66.53		66.56	58.00	0.000094	0.66	820.20	3.90	0.10
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	635.93	66.32		66.50	58.90	0.001209	1.84	345.17	2.75	0.35
Elsa	Poggi_Castellior	283	Max WS	670.58	66.05		66.31	58.60	0.001727	2.25	318.94	2.85	0.42
Elsa	Poggi_Castellior	282	Max WS	670.57	65.92		66.24	58.50	0.002030	2.51	314.17	2.96	0.45
Elsa	Poggi_Castellior	281.9	Max WS	670.57	65.87	64.43	66.22	58.50	0.002130	2.60	307.73	3.02	0.47
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	670.57	65.99		66.15	58.80	0.000559	1.74	385.49	4.49	0.26
Elsa	Poggi_Castellior	281	Max WS	670.58	65.99		66.14	58.80	0.000561	1.74	384.96	4.49	0.26
Elsa	Poggi_Castellior	280	Max WS	670.59	65.96		66.11	58.00	0.000593	1.71	392.20	4.19	0.26
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	626.42	65.92		66.09	58.00	0.000580	1.84	342.21	4.52	0.26
Elsa	Poggi_Castellior	277	Max WS	625.71	65.92		66.09	58.00	0.000578	1.84	342.23	4.52	0.26
Elsa	Poggi_Castellior	276	Max WS	586.58	65.77		66.03	57.60	0.001057	2.26	260.04	4.11	0.34
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	583.65	65.49		65.91	57.88	0.001825	2.87	203.40	3.92	0.44
Elsa	Poggi_Castellior	273	Max WS	583.50	65.22		65.52	57.39	0.001361	2.44	238.79	3.84	0.38
Elsa	Poggi_Castellior	272	Max WS	583.48	65.14		65.35	56.94	0.000988	2.07	282.50	3.79	0.33
Elsa	Poggi_Castellior	271	Max WS	676.67	64.62		64.93	56.54	0.001585	2.46	274.88	3.46	0.41
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	672.32	64.43		64.70	56.53	0.001292	2.31	291.11	3.67	0.37
Elsa	Poggi_Castellior	269	Max WS	672.18	64.14		64.49	54.36	0.001547	2.63	255.46	3.89	0.41
Elsa	Poggi_Castellior	268	Max WS	672.02	63.56		63.97	54.91	0.002333	2.85	235.97	3.22	0.49
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	671.92	63.30		63.70	54.27	0.001917	2.80	239.96	3.64	0.44
Elsa	Poggi_Castellior	266	Max WS	671.87	63.18		63.52	54.22	0.001450	2.59	259.28	4.00	0.40
Elsa	Poggi_Castellior	265	Max WS	671.83	63.13		63.39	54.36	0.001315	2.30	292.46	3.59	0.37
Elsa	Poggi_Castellior	264	Max WS	671.57	62.78		63.15	53.78	0.001929	2.70	248.51	3.43	0.44
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	675.93	62.33		62.62	52.82	0.001773	2.39	282.76	3.04	0.42
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	610.00	61.97		62.27	52.86	0.001451	2.41	253.41	3.58	0.39
Elsa	Poggi_Castellior	261	Max WS	549.30	61.71		62.00	52.58	0.001503	2.40	229.25	3.46	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	549.29	61.67		61.96	52.66	0.001445	2.36	232.58	3.48	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	549.27	61.63		61.91	52.75	0.001393	2.33	235.99	3.51	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	549.27	61.60		61.87	52.83	0.001346	2.29	239.51	3.52	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	549.23	61.56		61.82	52.92	0.001303	2.26	243.12	3.52	0.37
Elsa	Poggi_Castellior	260.166*	Max WS	549.23	61.53		61.78	53.01	0.001265	2.23	246.79	3.52	0.37
Elsa	Poggi_Castellior	260	Max WS	549.22	61.50		61.74	53.09	0.001232	2.19	250.57	3.51	0.36
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	636.61	60.87		61.07	51.64	0.002091	2.80	227.72	3.40	0.46
Elsa	Poggi_Castellior	258	Max WS	595.60	60.46		60.80	51.94	0.001636	2.60	228.98	3.67	0.41
Elsa	Poggi_Castellior	257	Max WS	572.04	60.21		60.54	50.99	0.001523	2.58	221.52	3.83	0.39
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	489.41	60.12		60.44	51.39	0.001557	2.53	193.57	3.65	0.40
Elsa	Poggi_Castellior	255	Max WS	459.73	59.99		60.25	50.78	0.001147	2.24	206.83	3.59	0.35
Elsa	Poggi_Castellior	254	Max WS	477.58	59.79		60.13	51.95	0.001609	2.58	185.79	3.50	0.41
Elsa	Poggi_Castellior	253.7	Max WS	539.27	59.42		59.82	51.50	0.002069	2.80	192.41	3.44	0.46
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	503.63	59.23		59.55	51.30	0.001759	2.51	200.95	3.29	0.41
Elsa	Poggi_Castellior	253	Max WS	515.97	58.84		59.22	51.63	0.001905	2.76	191.29	3.14	0.45
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	486.15	58.42		58.85	50.91	0.001947	2.89	168.24	3.70	0.45
Elsa	Poggi_Castellior	251	Max WS	386.48	58.41		58.63	51.06	0.001082	2.09	186.73	3.33	0.34
Elsa	Poggi_Castellior	250	Max WS	319.58	58.28		58.53	50.57	0.001251	2.19	146.44	3.24	0.35
Elsa	Poggi_Castellior	249	Max WS	301.83	58.23		58.37	50.30	0.000466	1.67	211.01	4.86	0.23
Elsa	Poggi_Castellior	248.5*	Max WS	306.24	58.18		58.35	50.15	0.000624	1.80	210.09	4.88	0.25
Elsa	Poggi_Castellior	248	Max WS	314.04	58.15		58.32	49.99	0.000505	1.82	231.88	5.17	0.24
Elsa	Poggi_Castellior	247.666*	Max WS	324.90	58.13		58.29	49.82	0.000460	1.80	209.98	5.09	0.24
Elsa	Poggi_Castellior	247.333*	Max WS	335.96	58.08		58.26	49.64	0.000578	1.89	188.28	4.58	0.26
Elsa	Poggi_Castellior	247	Max WS	352.07	57.97		58.20	49.47	0.000999	2.16	165.19	3.70	0.31
Elsa	Poggi_Castellior	246.833*	Max WS	353.84	57.98		58.18	49.43	0.000758	1.99	183.15	4.08	0.28
Elsa	Poggi_Castellior	246.666*	Max WS	355.23	57.97		58.15	49.38	0.000664	1.88	199.10	4.22	0.27
Elsa	Poggi_Castellior	246.5*	Max WS	357.39	57.96		58.13	49.33	0.000605	1.81	213.86	4.49	0.26
Elsa	Poggi_Castellior	246.333*	Max WS	362.59	57.94		58.11	49.29	0.000599	1.79	226.58	4.44	0.26
Elsa	Poggi_Castellior	246.166*	Max WS	373.08	57.91		58.08	49.25	0.000650	1.81	236.55	4.27	0.27

HEC-RAS Plan: T200d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	393.21	57.85		58.04	49.20	0.000782	1.92	242.84	4.04	0.29
Elsa	Poggi_Castelfior	245.99				Lat Struct							
Elsa	Poggi_Castelfior	245.9	Max WS	393.99	57.85		58.03	49.20	0.000787	1.92	242.69	4.04	0.29
Elsa	Poggi_Castelfior	244	Max WS	525.40	57.27		57.60	49.36	0.001363	2.55	206.02	4.09	0.37
Elsa	Poggi_Castelfior	243.98				Lat Struct							
Elsa	Poggi_Castelfior	243	Max WS	486.73	57.26		57.51	49.36	0.001030	2.20	222.09	3.88	0.34
Elsa	Poggi_Castelfior	242	Max WS	465.95	57.19		57.34	48.45	0.000558	1.72	271.57	4.25	0.25
Elsa	Poggi_Castelfior	241.59				Lat Struct							
Elsa	Poggi_Castelfior	241	Max WS	515.82	56.78		57.09	48.42	0.001239	2.45	210.54	4.13	0.37
Elsa	Poggi_Castelfior	240.857*	Max WS	509.79	56.75		57.06	48.39	0.001267	2.46	207.56	4.08	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	502.76	56.73		57.04	48.36	0.001258	2.43	206.54	4.05	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	496.42	56.72		57.01	48.33	0.001222	2.39	207.30	4.03	0.36
Elsa	Poggi_Castelfior	240.428*	Max WS	491.75	56.70		56.98	48.31	0.001170	2.34	209.72	4.04	0.35
Elsa	Poggi_Castelfior	240.285*	Max WS	489.09	56.68		56.95	48.28	0.001105	2.29	213.76	4.06	0.34
Elsa	Poggi_Castelfior	240.142*	Max WS	488.54	56.67		56.92	48.25	0.001028	2.23	219.39	4.12	0.33
Elsa	Poggi_Castelfior	240	Max WS	488.99	56.66		56.89	48.22	0.000941	2.16	226.72	4.19	0.31
Elsa	Poggi_Castelfior	239	Max WS	609.72	56.29		56.62	47.84	0.001088	2.52	242.14	4.75	0.35
Elsa	Poggi_Castelfior	238.99				Lat Struct							
Elsa	Poggi_Castelfior	238.98				Lat Struct							
Elsa	Poggi_Castelfior	238.88				Lat Struct							
Elsa	Poggi_Castelfior	238	Max WS	567.53	56.08		56.44	48.07	0.001698	2.65	214.02	3.62	0.42
Elsa	Poggi_Castelfior	237	Max WS	565.51	55.99		56.33	48.60	0.001523	2.57	220.19	3.80	0.41
Elsa	Poggi_Castelfior	236	Max WS	565.00	56.08		56.31	48.21	0.000964	2.13	265.30	4.04	0.33
Elsa	Poggi_Castelfior	235	Max WS	562.75	56.03		56.28	47.79	0.001181	2.22	253.19	3.70	0.36
Elsa	Poggi_Castelfior	234	Max WS	557.35	56.05		56.24	47.30	0.000859	1.94	287.68	3.83	0.30
Elsa	Poggi_Castelfior	233	Max WS	516.31	55.98		56.12	48.23	0.000574	1.67	309.82	4.04	0.25
Elsa	Poggi_Castelfior	232	Max WS	529.52	54.81		55.44	48.71	0.004342	3.51	150.77	2.77	0.65
Elsa	Poggi_Castelfior	231	Max WS	508.69	54.50		54.72	47.01	0.001218	2.07	245.43	3.26	0.36
Elsa	Poggi_Castelfior	230.99				Lat Struct							
Elsa	Poggi_Castelfior	230	Max WS	376.39	54.17		54.33	46.02	0.000950	1.75	215.69	3.03	0.31
Elsa	Poggi_Castelfior	228	Max WS	374.62	54.13		54.21	46.35	0.000299	1.26	297.82	4.41	0.19
Elsa	Poggi_Castelfior	227	Max WS	516.02	53.99		54.09	45.96	0.000393	1.43	360.94	4.21	0.21
Elsa	Poggi_Castelfior	226	Max WS	515.99	53.86		53.86	45.51	0.000937	1.95	264.95	3.61	0.32

HEC-RAS Plan: T100d03 Locations: User Defined Profile: Max WS

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	357.3	Max WS	499.54	90.72		91.55	84.18	0.004864	4.05	123.26	3.15	0.70
Elsa	Poggi_Castellior	357.2	Max WS	499.54	90.72		91.54	84.15	0.004748	4.02	124.31	3.17	0.69
Elsa	Poggi_Castellior	357	Max WS	499.67	90.84		90.98	84.25	0.000703	1.67	298.58	3.57	0.28
Elsa	Poggi_Castellior	356	Max WS	499.65	90.74		90.90	84.60	0.000928	1.79	279.71	3.20	0.31
Elsa	Poggi_Castellior	355	Max WS	499.66	90.55		90.72	83.39	0.000953	1.86	268.52	3.33	0.32
Elsa	Poggi_Castellior	354	Max WS	499.54	90.41		90.67	83.34	0.001324	2.28	219.12	3.53	0.38
Elsa	Poggi_Castellior	353.9	Max WS	499.55	90.44	87.62	90.65	83.17	0.000966	2.04	244.31	3.80	0.33
Elsa	Poggi_Castellior	353.5		Bridge									
Elsa	Poggi_Castellior	353.1	Max WS	499.56	90.42		90.63	83.17	0.000981	2.06	243.00	3.78	0.33
Elsa	Poggi_Castellior	353	Max WS	499.56	90.42		90.63	82.70	0.000844	2.03	245.94	4.16	0.31
Elsa	Poggi_Castellior	352	Max WS	499.58	90.42		90.57	82.60	0.000657	1.73	289.13	3.94	0.27
Elsa	Poggi_Castellior	351	Max WS	499.22	90.09		90.39	81.90	0.001324	2.41	206.84	3.84	0.38
Elsa	Poggi_Castellior	350.99		Lat Struct									
Elsa	Poggi_Castellior	350.66	Max WS	496.95	89.89		90.26	82.08	0.001327	2.71	189.70	4.00	0.38
Elsa	Poggi_Castellior	350.33	Max WS	490.63	89.79		90.15	81.63	0.001326	2.65	186.68	4.16	0.37
Elsa	Poggi_Castellior	350	Max WS	498.78	89.68		90.05	81.70	0.001730	2.68	186.74	3.54	0.42
Elsa	Poggi_Castellior	349	Max WS	660.96	89.28		89.72	81.40	0.001407	2.95	227.51	4.36	0.40
Elsa	Poggi_Castellior	348.99		Lat Struct									
Elsa	Poggi_Castellior	348.9	Max WS	659.95	89.27		89.71	81.40	0.001413	2.96	226.86	4.35	0.40
Elsa	Poggi_Castellior	348.5	Max WS	658.38	88.72		89.33	81.24	0.002300	3.48	202.16	2.80	0.49
Elsa	Poggi_Castellior	348.48		Lat Struct									
Elsa	Poggi_Castellior	348	Max WS	656.97	88.44		89.10	80.83	0.003120	3.60	182.71	3.68	0.57
Elsa	Poggi_Castellior	347.5	Max WS	657.93	88.63		88.85	79.61	0.000771	2.32	386.10	2.39	0.28
Elsa	Poggi_Castellior	347.49		Lat Struct									
Elsa	Poggi_Castellior	347	Max WS	656.77	88.27		88.64	80.40	0.001666	2.69	248.59	2.98	0.42
Elsa	Poggi_Castellior	346.5	Max WS	634.57	88.37		88.43	79.50	0.000225	1.08	599.33	3.98	0.16
Elsa	Poggi_Castellior	346	Max WS	563.51	88.31		88.40	79.51	0.000442	1.32	425.46	3.56	0.22
Elsa	Poggi_Castellior	345.98		Lat Struct									
Elsa	Poggi_Castellior	345.5	Max WS	551.47	88.22		88.34	79.47	0.000510	1.58	359.13	3.73	0.24
Elsa	Poggi_Castellior	345	Max WS	655.23	87.51		88.05	78.83	0.002553	3.27	203.75	3.28	0.52
Elsa	Poggi_Castellior	344.99		Lat Struct									
Elsa	Poggi_Castellior	344.98		Lat Struct									
Elsa	Poggi_Castellior	344.5	Max WS	654.82	87.28		87.73	79.03	0.002293	2.97	220.41	3.48	0.48
Elsa	Poggi_Castellior	344	Max WS	654.43	86.78		87.52	79.80	0.004549	3.83	171.09	3.04	0.68
Elsa	Poggi_Castellior	343	Max WS	654.34	86.22		86.68	77.80	0.002226	3.04	217.52	3.39	0.49
Elsa	Poggi_Castellior	342.98		Lat Struct									
Elsa	Poggi_Castellior	342	Max WS	634.29	85.52		86.00	77.80	0.002366	3.09	205.29	3.60	0.50
Elsa	Poggi_Castellior	341.99		Lat Struct									
Elsa	Poggi_Castellior	341.6	Max WS	646.53	85.24		85.58	77.00	0.001119	2.56	253.47	4.18	0.35
Elsa	Poggi_Castellior	341.5	Max WS	646.46	85.24		85.56	77.00	0.001085	2.51	257.64	4.47	0.35
Elsa	Poggi_Castellior	341.4	Max WS	646.44	85.19		85.55	77.00	0.001234	2.66	244.84	3.96	0.37
Elsa	Poggi_Castellior	341.39		Lat Struct									
Elsa	Poggi_Castellior	341.38		Lat Struct									
Elsa	Poggi_Castellior	341	Max WS	612.83	85.01		85.20	77.30	0.000782	1.95	323.34	3.46	0.30
Elsa	Poggi_Castellior	340	Max WS	608.31	84.98		85.12	77.70	0.000594	1.64	371.67	3.91	0.26
Elsa	Poggi_Castellior	339.98		Lat Struct									
Elsa	Poggi_Castellior	339	Max WS	603.36	84.84		85.08	76.80	0.001114	2.21	326.79	3.61	0.35
Elsa	Poggi_Castellior	338	Max WS	591.95	83.48		84.11	75.80	0.003311	3.54	185.68	3.22	0.58
Elsa	Poggi_Castellior	337.98		Lat Struct									
Elsa	Poggi_Castellior	337	Max WS	585.54	83.25		83.55	75.60	0.001523	2.42	242.19	3.47	0.40
Elsa	Poggi_Castellior	336.99		Lat Struct									
Elsa	Poggi_Castellior	336	Max WS	598.83	82.93		83.27	75.60	0.001293	2.57	237.35	3.76	0.38
Elsa	Poggi_Castellior	335.09		Lat Struct									
Elsa	Poggi_Castellior	335	Max WS	600.73	82.86		83.10	74.60	0.000824	2.18	275.07	4.72	0.30
Elsa	Poggi_Castellior	334	Max WS	620.82	81.98		82.43	74.40	0.004229	3.05	216.75	1.87	0.62
Elsa	Poggi_Castellior	333.99		Lat Struct									
Elsa	Poggi_Castellior	333.98		Lat Struct									
Elsa	Poggi_Castellior	333.68		Lat Struct									
Elsa	Poggi_Castellior	333.58		Lat Struct									
Elsa	Poggi_Castellior	333.5	Max WS	620.72	81.53		81.88	74.60	0.001483	2.80	275.63	3.93	0.41
Elsa	Poggi_Castellior	333	Max WS	620.71	81.45		81.75	74.60	0.001292	2.61	471.28	3.88	0.38
Elsa	Poggi_Castellior	332.5	Max WS	620.69	81.36		81.66	74.49	0.001622	2.52	459.51	3.39	0.37
Elsa	Poggi_Castellior	332.49		Lat Struct									
Elsa	Poggi_Castellior	332.25	Max WS	620.69	81.20		81.50	74.29	0.001302	2.61	469.80	3.86	0.38
Elsa	Poggi_Castellior	332	Max WS	620.68	81.33		81.46	74.20	0.000624	1.63	381.44	3.74	0.27
Elsa	Poggi_Castellior	331	Max WS	620.68	81.14	77.72	81.42	73.50	0.000806	2.35	265.32	5.08	0.31
Elsa	Poggi_Castellior	330.75		Bridge									
Elsa	Poggi_Castellior	330.5	Max WS	620.68	81.10		81.37	73.50	0.000881	2.32	267.38	4.92	0.31
Elsa	Poggi_Castellior	330.49		Lat Struct									
Elsa	Poggi_Castellior	330	Max WS	619.88	80.80		81.33	73.65	0.002040	3.23	192.53	4.01	0.47
Elsa	Poggi_Castellior	329.98		Lat Struct									
Elsa	Poggi_Castellior	329	Max WS	606.03	80.97		81.28	72.60	0.001443	2.44	248.73	3.66	0.39
Elsa	Poggi_Castellior	328	Max WS	613.85	80.71		81.05	72.60	0.001540	2.57	239.25	3.76	0.41
Elsa	Poggi_Castellior	327.99		Lat Struct									
Elsa	Poggi_Castellior	327	Max WS	613.69	80.57		80.98	72.60	0.002068	2.84	216.25	3.51	0.47
Elsa	Poggi_Castellior	326.98		Lat Struct									
Elsa	Poggi_Castellior	326	Max WS	613.30	80.04		80.45	72.50	0.002559	2.83	216.88	2.97	0.51
Elsa	Poggi_Castellior	325.58		Lat Struct									
Elsa	Poggi_Castellior	325	Max WS	576.76	79.62		79.96	72.20	0.001218	2.20	262.50	3.55	0.36
Elsa	Poggi_Castellior	324.99		Lat Struct									
Elsa	Poggi_Castellior	324.49		Lat Struct									
Elsa	Poggi_Castellior	324	Max WS	398.62	79.56		79.84	72.30	0.001479	2.34	170.70	3.37	0.39
Elsa	Poggi_Castellior	323.857*	Max WS	398.60	79.51		79.77	72.31	0.001403	2.26	176.44	3.33	0.38
Elsa	Poggi_Castellior	323.714*	Max WS	395.63	79.48		79.72	72.31	0.001294	2.16	183.18	3.31	0.37
Elsa	Poggi_Castellior	323.571*	Max WS	357.13	79.54		79.71	72.32	0.000909	1.83	195.41	3.36	0.31
Elsa	Poggi_Castellior	323.428*	Max WS	355.35	79.52		79.68	72.33	0.000815	1.75	203.63	3.39	0.30
Elsa	Poggi_Castellior	323.285*	Max WS	349.81	79.51		79.65	72.34	0.000716	1.64	212.70	3.43	0.28
Elsa	Poggi_Castellior	323.142*	Max WS	338.85	79.51		79.63	72.34	0.000593	1.52	222.72	3.48	0.25
Elsa	Poggi_Castellior	323	Max WS	320.81	79.52		79.62	72.35	0.000478	1.37	233.75	3.54	0.23
Elsa	Poggi_Castellior	322.98		Lat Struct									
Elsa	Poggi_Castellior	322	Max WS	473.44	78.76		78.99	72.32	0.001992	2.14	221.75	2.35	0.44
Elsa	Poggi_Castellior	321.98		Lat Struct									
Elsa	Poggi_Castellior	321	Max WS	471.28	78.25		78.56	72.30	0.002145	2.48	189.88	2.79	0.46
Elsa	Poggi_Castellior	320.99		Lat Struct									

HEC-RAS Plan: T100d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	437.20	77.82		78.17	71.80	0.002703	2.61	167.80	2.53	0.51
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	365.98	77.05		77.40	71.60	0.001723	2.63	148.85	2.66	0.43
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	456.55	76.68		76.90	71.20	0.000854	2.05	223.40	4.09	0.31
Elsa	Poggi_Castellior	317.6	Max WS	460.75	76.72		76.89	71.20	0.000673	1.82	255.58	3.82	0.28
Elsa	Poggi_Castellior	317.56	Max WS	467.43	76.69		76.87	71.20	0.000805	1.88	249.39	3.69	0.29
Elsa	Poggi_Castellior	317.54	Max WS	467.43	76.68		76.86	71.20	0.000811	1.89	249.34	3.61	0.29
Elsa	Poggi_Castellior	317.5	Max WS	467.43	76.67		76.85	71.20	0.000762	1.88	249.16	3.77	0.29
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	463.83	76.67		76.85	71.20	0.000724	1.85	251.93	3.86	0.29
Elsa	Poggi_Castellior	317.32*	Max WS	458.78	76.63		76.83	71.17	0.000846	1.95	235.01	3.77	0.31
Elsa	Poggi_Castellior	317.24*	Max WS	456.52	76.58		76.81	71.14	0.001036	2.10	217.14	3.65	0.34
Elsa	Poggi_Castellior	317.16*	Max WS	454.38	76.51		76.77	71.12	0.001309	2.29	198.46	3.55	0.38
Elsa	Poggi_Castellior	317.08*	Max WS	451.91	76.41		76.74	71.09	0.001743	2.53	178.46	3.34	0.43
Elsa	Poggi_Castellior	317	Max WS	449.90	76.26		76.68	71.06	0.002561	2.89	155.91	3.06	0.51
Elsa	Poggi_Castellior	316.5*	Max WS	447.36	76.29		76.62	71.14	0.002009	2.54	176.09	3.16	0.45
Elsa	Poggi_Castellior	316	Max WS	444.34	76.18	74.83	76.56	71.22	0.002240	2.71	163.90	2.91	0.48
Elsa	Poggi_Castellior	315.5		Ini Struct									
Elsa	Poggi_Castellior	315	Max WS	442.46	75.40		75.44	67.50	0.000109	0.88	505.19	5.47	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	467.29	75.32		75.42	67.40	0.000373	1.45	321.28	4.62	0.21
Elsa	Poggi_Castellior	313	Max WS	467.04	75.22		75.41	67.30	0.000806	1.94	253.88	4.02	0.30
Elsa	Poggi_Castellior	312.9	Max WS	467.01	75.22	71.55	75.41	67.30	0.000799	1.94	253.87	4.01	0.30
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	466.84	75.17		75.39	67.30	0.000781	2.11	225.04	4.26	0.29
Elsa	Poggi_Castellior	312	Max WS	466.82	75.17		75.39	67.30	0.000781	2.11	225.23	4.26	0.29
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	473.05	74.96		75.35	67.30	0.001686	2.78	170.43	3.96	0.43
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	473.20	74.89		75.23	67.06	0.001483	2.58	183.19	3.91	0.40
Elsa	Poggi_Castellior	310.6*	Max WS	476.44	74.83		75.12	66.82	0.001294	2.42	197.05	3.92	0.38
Elsa	Poggi_Castellior	310.4*	Max WS	476.44	74.78		75.04	66.58	0.001092	2.24	212.69	3.94	0.35
Elsa	Poggi_Castellior	310.2*	Max WS	468.54	74.76		74.97	66.34	0.000862	2.03	230.54	4.06	0.31
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	473.42	74.72		74.91	66.10	0.000737	1.91	247.85	4.16	0.28
Elsa	Poggi_Castellior	309.8*	Max WS	509.87	74.59		74.81	65.92	0.000979	2.08	245.03	3.98	0.32
Elsa	Poggi_Castellior	309.6*	Max WS	547.00	74.42		74.69	65.74	0.001282	2.29	238.36	3.80	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	586.23	74.20		74.54	65.56	0.001798	2.58	227.37	3.65	0.42
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	582.56	74.05		74.40	65.38	0.001919	2.64	221.02	3.59	0.43
Elsa	Poggi_Castellior	309	Max WS	565.56	73.95		74.29	65.20	0.001631	2.59	218.72	3.65	0.42
Elsa	Poggi_Castellior	308.8*	Max WS	563.42	73.86		74.19	65.16	0.001783	2.56	220.51	3.63	0.41
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	556.02	73.76		74.08	65.12	0.001736	2.50	222.04	3.56	0.41
Elsa	Poggi_Castellior	308.4*	Max WS	538.55	73.70		74.00	65.08	0.001579	2.39	225.14	3.43	0.40
Elsa	Poggi_Castellior	308.2*	Max WS	526.75	73.64		73.91	65.04	0.001586	2.31	227.94	3.24	0.40
Elsa	Poggi_Castellior	308	Max WS	519.41	73.56		73.82	65.00	0.001467	2.26	230.23	3.18	0.39
Elsa	Poggi_Castellior	307.75*	Max WS	514.35	73.52		73.74	64.75	0.001245	2.09	245.75	3.36	0.35
Elsa	Poggi_Castellior	307.5*	Max WS	505.39	73.49		73.68	64.50	0.001071	1.97	257.18	3.43	0.33
Elsa	Poggi_Castellior	307.25*	Max WS	492.93	73.46		73.63	64.25	0.001010	1.86	264.33	3.46	0.31
Elsa	Poggi_Castellior	307	Max WS	487.11	73.40		73.59	64.00	0.000739	1.90	257.74	3.95	0.29
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	482.63	73.30		73.55	63.80	0.001006	2.22	219.68	3.74	0.33
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	490.56	72.89		73.31	64.00	0.001671	2.88	173.12	3.55	0.41
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	496.56	72.61		73.05	63.74	0.001738	2.93	172.47	3.55	0.42
Elsa	Poggi_Castellior	304	Max WS	517.61	72.63		72.83	63.40	0.000661	2.01	260.03	4.54	0.28
Elsa	Poggi_Castellior	303.7	Max WS	563.05	72.34	69.48	72.68	63.80	0.001248	2.58	219.45	4.18	0.38
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	562.94	72.33		72.67	63.80	0.001262	2.58	218.69	4.17	0.38
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	547.45	72.06		72.44	63.80	0.001520	2.73	200.78	4.00	0.41
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	506.79	71.93		72.13	63.00	0.001069	1.97	257.39	3.33	0.33
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	464.92	71.41		71.74	63.00	0.001272	2.58	193.29	3.14	0.37
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	478.44	70.72		71.22	62.70	0.002312	3.12	153.28	3.72	0.49
Elsa	Poggi_Castellior	299.5	Max WS	473.03	70.80		70.89	61.57	0.000297	1.29	367.56	4.60	0.19
Elsa	Poggi_Castellior	299	Max WS	544.91	70.24		70.63	61.30	0.002241	2.80	202.80	2.76	0.47
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	541.40	69.88		70.29	61.20	0.001825	2.84	229.61	2.99	0.44
Elsa	Poggi_Castellior	298.62	Max WS	537.68	69.96		70.18	61.50	0.000664	1.12	340.99	4.04	0.28
Elsa	Poggi_Castellior	298.61	Max WS	533.52	70.02		70.16	61.50	0.000411	1.70	361.83	4.45	0.22
Elsa	Poggi_Castellior	298.6	Max WS	533.42	70.00		70.16	61.50	0.000625	1.75	307.42	3.87	0.26
Elsa	Poggi_Castellior	298.4	Max WS	533.43	69.99		70.15	61.50	0.000628	1.75	306.88	3.86	0.26
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	531.59	70.00		70.14	61.50	0.000529	1.70	313.03	4.39	0.24
Elsa	Poggi_Castellior	298.09	Max WS	485.29	69.83		70.04	60.57	0.001074	2.04	239.67	3.36	0.33
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	548.37	69.61		69.81	62.50	0.001073	1.97	278.98	3.31	0.34
Elsa	Poggi_Castellior	297.98		Lat Struct									

HEC-RAS Plan: T100d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	551.18	69.06		69.43	61.70	0.001944	2.71	203.51	3.43	0.45
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295.95	Max WS	482.35	68.72		69.05	61.20	0.001469	2.53	191.08	3.71	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	518.11	68.07		68.44	62.20	0.002126	2.71	191.22	3.21	0.47
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	429.07	67.97		68.10	61.90	0.000714	1.59	269.56	3.27	0.28
Elsa	Poggi_Castellior	292	Max WS	319.92	67.81		68.00	61.90	0.001144	1.95	163.65	3.13	0.34
Elsa	Poggi_Castellior	291.75*	Max WS	310.88	67.81		67.96	61.93	0.001059	1.75	177.92	3.15	0.31
Elsa	Poggi_Castellior	291.5*	Max WS	301.46	67.80		67.93	61.95	0.000823	1.55	194.28	3.18	0.27
Elsa	Poggi_Castellior	291.25*	Max WS	291.69	67.80		67.90	61.97	0.000627	1.37	212.90	3.24	0.24
Elsa	Poggi_Castellior	291	Max WS	280.67	67.81		67.88	62.00	0.000400	1.20	233.93	3.31	0.20
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	430.37	67.02		67.38	61.90	0.002584	2.66	161.92	2.66	0.51
Elsa	Poggi_Castellior	289	Max WS	430.20	66.11		66.76	61.80	0.006273	3.57	120.41	2.16	0.76
Elsa	Poggi_Castellior	288	Max WS	430.22	66.30		66.55	62.00	0.002675	2.21	194.45	1.99	0.49
Elsa	Poggi_Castellior	287.6	Max WS	430.23	66.28	65.31	66.54	62.00	0.002772	2.24	192.26	1.97	0.50
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	430.13	66.10		66.13	58.70	0.000189	0.75	574.05	2.86	0.14
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	463.03	66.10		66.12	58.00	0.000103	0.64	731.28	3.49	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	526.16	65.89		66.05	58.90	0.001411	1.80	292.62	2.36	0.37
Elsa	Poggi_Castellior	283	Max WS	541.66	65.66		65.88	58.60	0.001451	2.09	267.67	2.90	0.39
Elsa	Poggi_Castellior	282	Max WS	541.65	65.55		65.82	58.50	0.002014	2.30	265.07	2.61	0.44
Elsa	Poggi_Castellior	281.9	Max WS	541.65	65.51	63.28	65.80	58.50	0.002073	2.37	259.71	2.68	0.45
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	541.65	65.62		65.74	58.80	0.000457	1.52	355.26	4.28	0.23
Elsa	Poggi_Castellior	281	Max WS	541.65	65.62		65.74	58.80	0.000459	1.53	354.84	4.28	0.23
Elsa	Poggi_Castellior	280	Max WS	541.65	65.59		65.71	58.00	0.000504	1.51	359.33	3.92	0.24
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	527.21	65.54		65.68	58.00	0.000525	1.68	315.10	4.24	0.25
Elsa	Poggi_Castellior	277	Max WS	526.98	65.54		65.68	58.00	0.000525	1.68	315.08	4.24	0.25
Elsa	Poggi_Castellior	276	Max WS	523.60	65.34		65.59	57.60	0.001107	2.22	235.69	3.88	0.35
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	523.44	65.04		65.46	57.88	0.002022	2.87	182.60	3.62	0.46
Elsa	Poggi_Castellior	273	Max WS	523.19	64.70		65.02	57.39	0.001642	2.50	209.03	3.46	0.42
Elsa	Poggi_Castellior	272	Max WS	523.14	64.57		64.81	56.94	0.001252	2.15	243.19	3.37	0.36
Elsa	Poggi_Castellior	271	Max WS	546.34	64.14		64.40	56.54	0.001570	2.28	239.55	3.11	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	546.31	63.95		64.18	56.53	0.001287	2.14	255.49	3.28	0.36
Elsa	Poggi_Castellior	269	Max WS	546.28	63.68		63.97	54.36	0.001444	2.39	228.48	3.55	0.39
Elsa	Poggi_Castellior	268	Max WS	546.16	63.12		63.47	54.91	0.002285	2.64	206.65	2.93	0.47
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	546.04	62.89		63.22	54.27	0.001772	2.53	215.86	3.32	0.42
Elsa	Poggi_Castellior	266	Max WS	546.01	62.78		63.05	54.22	0.001284	2.32	235.71	3.70	0.37
Elsa	Poggi_Castellior	265	Max WS	545.95	62.72		62.94	54.36	0.001233	2.09	261.51	3.26	0.36
Elsa	Poggi_Castellior	264	Max WS	545.71	62.41		62.71	53.78	0.001731	2.43	224.96	3.17	0.41
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	545.50	62.01		62.24	52.82	0.001604	2.14	255.26	2.77	0.39
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	499.22	61.69		61.92	52.86	0.001226	2.12	235.29	3.36	0.35
Elsa	Poggi_Castellior	261	Max WS	476.91	61.38		61.64	52.58	0.001505	2.28	208.88	3.21	0.39
Elsa	Poggi_Castellior	260.833*	Max WS	476.88	61.34		61.59	52.66	0.001448	2.25	211.80	3.24	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	476.87	61.30		61.55	52.75	0.001397	2.22	214.83	3.26	0.38
Elsa	Poggi_Castellior	260.5*	Max WS	476.85	61.26		61.50	52.83	0.001350	2.19	217.96	3.27	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	476.81	61.23		61.46	52.92	0.001308	2.16	221.16	3.28	0.37
Elsa	Poggi_Castellior	260.166*	Max WS	476.78	61.19		61.42	53.01	0.001270	2.12	224.47	3.28	0.36
Elsa	Poggi_Castellior	260	Max WS	476.78	61.16		61.38	53.09	0.001236	2.09	227.86	3.27	0.36
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	539.03	60.47		60.79	51.64	0.001779	2.50	215.57	3.25	0.42
Elsa	Poggi_Castellior	258	Max WS	515.28	60.26		60.54	51.94	0.001434	2.37	217.59	3.52	0.39
Elsa	Poggi_Castellior	257	Max WS	506.37	60.01		60.30	50.99	0.001370	2.39	211.57	3.70	0.37
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	456.82	59.84		60.16	51.39	0.001689	2.53	180.50	3.44	0.41
Elsa	Poggi_Castellior	255	Max WS	431.62	59.69		59.95	50.78	0.001295	2.27	191.47	3.36	0.36
Elsa	Poggi_Castellior	254	Max WS	440.86	59.50		59.83	51.95	0.001733	2.56	172.07	3.36	0.42
Elsa	Poggi_Castellior	253.7	Max WS	478.14	59.21		59.56	51.50	0.001899	2.62	182.30	3.32	0.44
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	461.16	58.97		59.28	51.30	0.001849	2.46	187.13	3.09	0.42
Elsa	Poggi_Castellior	253	Max WS	452.02	58.68		59.01	51.63	0.001682	2.52	182.77	3.01	0.42
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	443.70	58.29		58.67	50.91	0.001798	2.73	162.82	3.60	0.43
Elsa	Poggi_Castellior	251	Max WS	380.14	58.17		58.41	51.06	0.001301	2.19	174.68	3.14	0.37
Elsa	Poggi_Castellior	250	Max WS	331.11	57.91		58.23	50.57	0.001819	2.51	132.07	3.21	0.42
Elsa	Poggi_Castellior	249	Max WS	321.68	57.80		57.99	50.30	0.000688	1.94	191.91	4.52	0.28
Elsa	Poggi_Castellior	248.5*	Max WS	330.99	57.72		57.95	50.15	0.000961	2.12	190.71	4.53	0.30
Elsa	Poggi_Castellior	248	Max WS	346.72	57.66		57.90	49.99	0.000804	2.18	212.29	4.81	0.30
Elsa	Poggi_Castellior	247.666*	Max WS	365.05	57.60		57.85	49.82	0.000793	2.22	189.59	4.69	0.31
Elsa	Poggi_Castellior	247.333*	Max WS	373.74	57.53		57.80	49.64	0.001016	2.34	167.63	4.17	0.33
Elsa	Poggi_Castellior	247	Max WS	377.32	57.40		57.75	49.47	0.001707	2.62	144.62	3.32	0.40
Elsa	Poggi_Castellior	246.833*	Max WS	376.69	57.41		57.70	49.43	0.001239	2.39	160.65	3.98	0.36
Elsa	Poggi_Castellior	246.666*	Max WS	374.15	57.42		57.67	49.38	0.001017	2.22	175.62	4.14	0.33
Elsa	Poggi_Castellior	246.5*	Max WS	371.07	57.42		57.64	49.33	0.000908	2.11	188.58	4.16	0.31
Elsa	Poggi_Castellior	246.333*	Max WS	369.33	57.41		57.62	49.29	0.000876	2.04	199.21	4.07	0.31
Elsa	Poggi_Castellior	246.166*	Max WS	370.10	57.38		57.59	49.25	0.000915	2.02	207.15	3.89	0.31

HEC-RAS Plan: T100d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	377.28	57.33		57.55	49.20	0.001049	2.08	211.64	3.65	0.33
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	377.64	57.33		57.55	49.20	0.001053	2.08	211.51	3.65	0.33
Elsa	Poggi_Castelfior	244	Max WS	446.13	56.87		57.15	49.36	0.001271	2.36	188.71	3.84	0.36
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	410.42	56.85		57.07	49.36	0.000987	2.05	201.19	3.61	0.33
Elsa	Poggi_Castelfior	242	Max WS	390.36	56.78		56.91	48.45	0.000510	1.58	248.65	4.00	0.24
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	440.07	56.41		56.67	48.42	0.001160	2.28	193.30	3.89	0.35
Elsa	Poggi_Castelfior	240.857*	Max WS	438.61	56.37		56.64	48.39	0.001220	2.31	189.81	3.83	0.36
Elsa	Poggi_Castelfior	240.714*	Max WS	435.59	56.33		56.61	48.36	0.001239	2.31	188.27	3.79	0.36
Elsa	Poggi_Castelfior	240.571*	Max WS	431.26	56.31		56.58	48.33	0.001214	2.28	188.74	3.78	0.36
Elsa	Poggi_Castelfior	240.428*	Max WS	427.33	56.29		56.55	48.31	0.001158	2.24	191.02	3.79	0.35
Elsa	Poggi_Castelfior	240.285*	Max WS	424.93	56.28		56.52	48.28	0.001085	2.18	194.99	3.83	0.34
Elsa	Poggi_Castelfior	240.142*	Max WS	424.26	56.27		56.49	48.25	0.001002	2.12	200.58	3.89	0.32
Elsa	Poggi_Castelfior	240	Max WS	425.21	56.25		56.47	48.22	0.000913	2.05	207.81	3.96	0.31
Elsa	Poggi_Castelfior	239	Max WS	500.02	56.01		56.26	47.84	0.000839	2.17	229.90	4.63	0.30
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	481.43	55.78		56.08	48.07	0.001564	2.44	197.73	3.40	0.40
Elsa	Poggi_Castelfior	237	Max WS	480.86	55.69		55.98	48.60	0.001370	2.35	204.39	3.61	0.38
Elsa	Poggi_Castelfior	236	Max WS	481.29	55.77		55.96	48.21	0.000865	1.95	246.44	3.85	0.31
Elsa	Poggi_Castelfior	235	Max WS	480.99	55.71		55.93	47.79	0.001099	2.06	233.52	3.49	0.34
Elsa	Poggi_Castelfior	234	Max WS	480.57	55.73		55.90	47.30	0.000825	1.81	265.44	3.56	0.29
Elsa	Poggi_Castelfior	233	Max WS	472.45	55.61		55.76	48.23	0.000624	1.66	284.38	3.79	0.26
Elsa	Poggi_Castelfior	232	Max WS	479.96	54.47		55.11	48.71	0.004132	3.57	134.55	2.94	0.64
Elsa	Poggi_Castelfior	231	Max WS	447.42	54.20		54.40	47.01	0.001239	1.99	224.57	3.03	0.36
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	360.48	53.95		54.11	46.02	0.001071	1.79	201.21	2.88	0.32
Elsa	Poggi_Castelfior	228	Max WS	358.64	53.90		53.98	46.35	0.000321	1.27	283.18	4.23	0.19
Elsa	Poggi_Castelfior	227	Max WS	469.38	53.77		53.86	45.96	0.000381	1.37	343.28	4.17	0.21
Elsa	Poggi_Castelfior	226	Max WS	469.31	53.45		53.63	45.51	0.000925	1.88	250.10	3.45	0.31

HEC-RAS Plan: T030d03 Locations: User Defined Profile: Max WS

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	357.3	Max WS	349.43	89.77		90.52	84.18	0.005698	3.84	90.97	2.58	0.73
Elsa	Poggi_Castellior	357.2	Max WS	349.42	89.77		90.50	84.15	0.005542	3.80	91.85	2.60	0.72
Elsa	Poggi_Castellior	357	Max WS	349.40	89.75		89.88	84.25	0.000920	1.63	214.38	2.80	0.31
Elsa	Poggi_Castellior	356	Max WS	349.39	89.62		89.78	84.60	0.001097	1.77	196.87	2.79	0.33
Elsa	Poggi_Castellior	355	Max WS	349.38	89.38		89.57	83.39	0.001168	1.89	184.66	2.93	0.34
Elsa	Poggi_Castellior	354	Max WS	349.38	89.23		89.50	83.34	0.001782	2.28	153.49	2.82	0.42
Elsa	Poggi_Castellior	353.9	Max WS	349.38	89.28	86.87	89.47	83.17	0.001160	1.96	177.82	3.12	0.35
Elsa	Poggi_Castellior	353.5		Bridge									
Elsa	Poggi_Castellior	353.1	Max WS	349.38	89.25		89.45	83.17	0.001186	1.98	176.47	3.10	0.35
Elsa	Poggi_Castellior	353	Max WS	349.38	89.26		89.44	82.70	0.000949	1.89	184.54	3.43	0.32
Elsa	Poggi_Castellior	352	Max WS	349.38	89.25		89.38	82.60	0.000721	1.64	212.70	3.41	0.28
Elsa	Poggi_Castellior	351	Max WS	349.35	88.96		89.21	81.90	0.001123	2.21	157.81	3.82	0.35
Elsa	Poggi_Castellior	350.99		Lat Struct									
Elsa	Poggi_Castellior	350.66	Max WS	349.33	88.78		89.08	82.08	0.001405	2.47	143.47	3.32	0.38
Elsa	Poggi_Castellior	350.33	Max WS	349.30	88.66		88.96	81.63	0.001391	2.40	145.53	3.67	0.37
Elsa	Poggi_Castellior	350	Max WS	349.27	88.51		88.85	81.70	0.002181	2.59	135.01	2.93	0.46
Elsa	Poggi_Castellior	349	Max WS	459.12	88.24		88.56	81.40	0.001226	2.52	182.15	4.35	0.37
Elsa	Poggi_Castellior	348.99		Lat Struct									
Elsa	Poggi_Castellior	348.9	Max WS	459.09	88.22		88.55	81.40	0.001236	2.53	181.61	4.34	0.37
Elsa	Poggi_Castellior	348.5	Max WS	457.73	87.70		88.18	81.24	0.002208	3.08	148.56	3.78	0.47
Elsa	Poggi_Castellior	348.48		Lat Struct									
Elsa	Poggi_Castellior	348	Max WS	457.31	87.48		87.99	80.83	0.002465	3.16	144.67	3.62	0.50
Elsa	Poggi_Castellior	347.5	Max WS	457.60	87.61		87.81	79.61	0.000756	2.11	257.49	2.76	0.27
Elsa	Poggi_Castellior	347.49		Lat Struct									
Elsa	Poggi_Castellior	347	Max WS	457.12	87.31		87.61	80.40	0.001727	2.43	188.00	3.19	0.42
Elsa	Poggi_Castellior	346.5	Max WS	456.89	87.36		87.41	79.50	0.000279	1.01	453.39	3.10	0.17
Elsa	Poggi_Castellior	346	Max WS	440.97	87.24		87.35	79.51	0.000778	1.43	307.40	2.62	0.27
Elsa	Poggi_Castellior	345.98		Lat Struct									
Elsa	Poggi_Castellior	345.5	Max WS	446.19	87.10		87.24	79.47	0.000692	1.69	265.28	3.15	0.27
Elsa	Poggi_Castellior	345	Max WS	457.12	86.62		87.03	78.83	0.001977	2.86	159.80	3.67	0.45
Elsa	Poggi_Castellior	344.99		Lat Struct									
Elsa	Poggi_Castellior	344.98		Lat Struct									
Elsa	Poggi_Castellior	344.5	Max WS	457.11	86.44		86.78	79.03	0.001811	2.58	177.08	3.36	0.42
Elsa	Poggi_Castellior	344	Max WS	456.99	85.96		86.59	79.80	0.004828	3.53	129.46	2.58	0.68
Elsa	Poggi_Castellior	343	Max WS	456.82	85.42		85.77	77.80	0.001771	2.62	174.53	3.49	0.43
Elsa	Poggi_Castellior	342.98		Lat Struct									
Elsa	Poggi_Castellior	342	Max WS	456.28	84.76		85.14	77.80	0.002254	2.74	166.24	3.13	0.48
Elsa	Poggi_Castellior	341.99		Lat Struct									
Elsa	Poggi_Castellior	341.6	Max WS	456.11	84.56		84.78	77.00	0.000819	2.06	220.97	4.36	0.30
Elsa	Poggi_Castellior	341.5	Max WS	456.10	84.56		84.77	77.00	0.000779	2.02	225.38	4.39	0.29
Elsa	Poggi_Castellior	341.4	Max WS	456.04	84.52		84.76	77.00	0.000901	2.14	213.06	4.29	0.31
Elsa	Poggi_Castellior	341.39		Lat Struct									
Elsa	Poggi_Castellior	341.38		Lat Struct									
Elsa	Poggi_Castellior	341	Max WS	455.92	84.32		84.47	77.30	0.000783	1.74	262.88	3.12	0.29
Elsa	Poggi_Castellior	340	Max WS	455.87	84.27		84.38	77.70	0.000612	1.48	307.96	3.29	0.26
Elsa	Poggi_Castellior	339.98		Lat Struct									
Elsa	Poggi_Castellior	339	Max WS	455.83	84.14		84.35	76.80	0.001111	2.01	243.98	3.10	0.34
Elsa	Poggi_Castellior	338	Max WS	455.55	82.89		83.43	75.80	0.003208	3.23	140.98	3.07	0.56
Elsa	Poggi_Castellior	337.98		Lat Struct									
Elsa	Poggi_Castellior	337	Max WS	453.80	82.60		82.86	75.60	0.001625	2.27	200.06	3.00	0.41
Elsa	Poggi_Castellior	336.99		Lat Struct									
Elsa	Poggi_Castellior	336	Max WS	453.53	82.35		82.61	75.60	0.001106	2.24	202.97	3.46	0.35
Elsa	Poggi_Castellior	335.09		Lat Struct									
Elsa	Poggi_Castellior	335	Max WS	453.15	82.31		82.48	74.60	0.000565	1.82	248.65	4.78	0.25
Elsa	Poggi_Castellior	334	Max WS	453.22	81.21		81.77	74.40	0.005169	3.30	137.16	2.22	0.68
Elsa	Poggi_Castellior	333.99		Lat Struct									
Elsa	Poggi_Castellior	333.98		Lat Struct									
Elsa	Poggi_Castellior	333.68		Lat Struct									
Elsa	Poggi_Castellior	333.58		Lat Struct									
Elsa	Poggi_Castellior	333.5	Max WS	453.16	80.87		81.14	74.60	0.001241	2.48	227.78	3.50	0.37
Elsa	Poggi_Castellior	333	Max WS	453.14	80.80		81.03	74.60	0.001108	2.33	380.05	3.41	0.35
Elsa	Poggi_Castellior	332.5	Max WS	453.15	80.73		80.95	74.49	0.001380	2.27	371.06	3.03	0.34
Elsa	Poggi_Castellior	332.49		Lat Struct									
Elsa	Poggi_Castellior	332.25	Max WS	453.15	80.59		80.82	74.29	0.001069	2.30	384.62	3.45	0.35
Elsa	Poggi_Castellior	332	Max WS	453.14	80.69		80.79	74.20	0.000508	1.41	322.23	3.51	0.24
Elsa	Poggi_Castellior	331	Max WS	453.14	80.57	77.05	80.75	73.50	0.000594	1.90	239.42	4.69	0.26
Elsa	Poggi_Castellior	330.75		Bridge									
Elsa	Poggi_Castellior	330.5	Max WS	453.14	80.53		80.71	73.50	0.000649	1.88	240.64	4.52	0.27
Elsa	Poggi_Castellior	330.49		Lat Struct									
Elsa	Poggi_Castellior	330	Max WS	453.13	80.34		80.69	73.65	0.001540	2.62	173.35	3.68	0.41
Elsa	Poggi_Castellior	329.98		Lat Struct									
Elsa	Poggi_Castellior	329	Max WS	451.13	80.40		80.63	72.60	0.001311	2.12	212.81	3.19	0.37
Elsa	Poggi_Castellior	328	Max WS	453.13	80.20		80.44	72.60	0.001282	2.17	208.98	3.35	0.37
Elsa	Poggi_Castellior	327.99		Lat Struct									
Elsa	Poggi_Castellior	327	Max WS	453.16	80.09		80.38	72.60	0.001663	2.40	188.86	3.21	0.42
Elsa	Poggi_Castellior	326.98		Lat Struct									
Elsa	Poggi_Castellior	326	Max WS	453.15	79.68		79.96	72.50	0.002037	2.37	191.58	2.70	0.45
Elsa	Poggi_Castellior	325.58		Lat Struct									
Elsa	Poggi_Castellior	325	Max WS	425.78	79.36		79.51	72.20	0.000835	1.74	244.24	3.34	0.30
Elsa	Poggi_Castellior	324.99		Lat Struct									
Elsa	Poggi_Castellior	324.49		Lat Struct									
Elsa	Poggi_Castellior	324	Max WS	299.06	79.30		79.48	72.30	0.001017	1.89	158.55	3.24	0.32
Elsa	Poggi_Castellior	323.857*	Max WS	299.06	79.27		79.44	72.31	0.000960	1.82	164.32	3.20	0.32
Elsa	Poggi_Castellior	323.714*	Max WS	298.32	79.24		79.40	72.31	0.000893	1.75	170.74	3.18	0.30
Elsa	Poggi_Castellior	323.571*	Max WS	272.07	79.27		79.39	72.32	0.000657	1.51	180.63	3.21	0.26
Elsa	Poggi_Castellior	323.428*	Max WS	272.07	79.26		79.36	72.33	0.000604	1.44	188.36	3.21	0.25
Elsa	Poggi_Castellior	323.285*	Max WS	272.03	79.24		79.34	72.34	0.000555	1.38	196.63	3.20	0.24
Elsa	Poggi_Castellior	323.142*	Max WS	270.52	79.23		79.32	72.34	0.000493	1.32	205.45	3.24	0.23
Elsa	Poggi_Castellior	323	Max WS	265.17	79.22		79.30	72.35	0.000427	1.23	215.00	3.28	0.21
Elsa	Poggi_Castellior	322.98		Lat Struct									
Elsa	Poggi_Castellior	322	Max WS	405.39	78.49		78.70	72.32	0.001955	2.05	197.30	2.25	0.43
Elsa	Poggi_Castellior	321.98		Lat Struct									
Elsa	Poggi_Castellior	321	Max WS	405.38	78.01		78.28	72.30	0.002074	2.32	174.46	2.59	0.45
Elsa	Poggi_Castellior	320.99		Lat Struct									

HEC-RAS Plan: T030d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	320	Max WS	368.64	77.85		77.93	71.80	0.002377	2.35	156.92	2.38	0.48
Elsa	Poggi_Castelfior	319.99		Lat Struct									
Elsa	Poggi_Castelfior	319.98		Lat Struct									
Elsa	Poggi_Castelfior	319	Max WS	355.07	76.47		76.95	71.60	0.002880	3.09	118.43	2.22	0.54
Elsa	Poggi_Castelfior	318.58		Lat Struct									
Elsa	Poggi_Castelfior	318	Max WS	353.92	76.28		76.43	71.20	0.000693	1.74	202.91	3.79	0.27
Elsa	Poggi_Castelfior	317.6	Max WS	355.23	76.30		76.42	71.20	0.000557	1.55	229.77	3.67	0.25
Elsa	Poggi_Castelfior	317.56	Max WS	358.39	76.28		76.41	71.20	0.000640	1.59	226.06	3.46	0.25
Elsa	Poggi_Castelfior	317.54	Max WS	358.39	76.27		76.40	71.20	0.000645	1.59	225.54	3.46	0.25
Elsa	Poggi_Castelfior	317.5	Max WS	358.39	76.27		76.40	71.20	0.000612	1.59	224.77	3.68	0.26
Elsa	Poggi_Castelfior	317.49		Lat Struct									
Elsa	Poggi_Castelfior	317.48		Lat Struct									
Elsa	Poggi_Castelfior	317.4	Max WS	358.39	76.27		76.39	71.20	0.000591	1.58	227.40	3.71	0.25
Elsa	Poggi_Castelfior	317.32*	Max WS	358.39	76.23		76.37	71.17	0.000711	1.69	211.62	3.60	0.28
Elsa	Poggi_Castelfior	317.24*	Max WS	358.39	76.18		76.35	71.14	0.000882	1.84	195.17	3.46	0.31
Elsa	Poggi_Castelfior	317.16*	Max WS	358.38	76.12		76.32	71.12	0.001139	2.02	177.83	3.28	0.35
Elsa	Poggi_Castelfior	317.08*	Max WS	358.38	76.03		76.29	71.09	0.001556	2.25	159.20	3.07	0.40
Elsa	Poggi_Castelfior	317	Max WS	358.38	75.89		76.23	71.06	0.002340	2.59	138.28	2.79	0.49
Elsa	Poggi_Castelfior	316.5*	Max WS	358.38	75.90		76.17	71.14	0.001890	2.31	155.40	2.86	0.43
Elsa	Poggi_Castelfior	316	Max WS	358.38	75.80	74.52	76.11	71.22	0.002139	2.48	144.24	2.80	0.47
Elsa	Poggi_Castelfior	315.5		Inl Struct									
Elsa	Poggi_Castelfior	315	Max WS	355.90	74.62		74.65	67.50	0.000107	0.81	439.68	4.91	0.11
Elsa	Poggi_Castelfior	314.99		Lat Struct									
Elsa	Poggi_Castelfior	314.98		Lat Struct									
Elsa	Poggi_Castelfior	314.59		Lat Struct									
Elsa	Poggi_Castelfior	314	Max WS	368.32	74.54		74.64	67.40	0.000384	1.36	271.59	4.10	0.21
Elsa	Poggi_Castelfior	313	Max WS	368.31	74.45		74.62	67.30	0.000905	1.85	212.05	3.44	0.31
Elsa	Poggi_Castelfior	312.9	Max WS	368.31	74.45	71.10	74.62	67.30	0.000907	1.85	211.93	3.44	0.31
Elsa	Poggi_Castelfior	312.5		Bridge									
Elsa	Poggi_Castelfior	312.1	Max WS	368.29	74.41		74.60	67.30	0.000773	1.93	193.07	3.88	0.28
Elsa	Poggi_Castelfior	312	Max WS	368.29	74.41		74.59	67.30	0.000773	1.93	193.21	3.87	0.28
Elsa	Poggi_Castelfior	311.99		Lat Struct									
Elsa	Poggi_Castelfior	311.98		Lat Struct									
Elsa	Poggi_Castelfior	311	Max WS	368.21	74.22		74.56	67.30	0.001654	2.58	142.58	3.60	0.42
Elsa	Poggi_Castelfior	310.98		Lat Struct									
Elsa	Poggi_Castelfior	310.8*	Max WS	367.36	74.15		74.45	67.06	0.001454	2.41	152.57	3.57	0.39
Elsa	Poggi_Castelfior	310.6*	Max WS	367.32	74.09		74.35	66.82	0.001278	2.24	163.91	3.53	0.37
Elsa	Poggi_Castelfior	310.4*	Max WS	367.32	74.04		74.26	66.58	0.001101	2.08	176.80	3.53	0.34
Elsa	Poggi_Castelfior	310.2*	Max WS	367.30	74.00		74.18	66.34	0.000934	1.92	191.08	3.55	0.31
Elsa	Poggi_Castelfior	310.19		Lat Struct									
Elsa	Poggi_Castelfior	310	Max WS	376.99	73.94		74.11	66.10	0.000845	1.83	205.63	3.56	0.30
Elsa	Poggi_Castelfior	309.8*	Max WS	411.24	73.79		74.00	65.92	0.001176	2.06	199.82	3.44	0.34
Elsa	Poggi_Castelfior	309.6*	Max WS	412.84	73.68		73.91	65.74	0.001272	2.11	196.04	3.36	0.36
Elsa	Poggi_Castelfior	309.4*	Max WS	412.75	73.57		73.81	65.56	0.001435	2.15	191.81	3.30	0.37
Elsa	Poggi_Castelfior	309.29		Lat Struct									
Elsa	Poggi_Castelfior	309.28		Lat Struct									
Elsa	Poggi_Castelfior	309.2*	Max WS	412.67	73.46		73.70	65.38	0.001504	2.20	187.84	3.28	0.38
Elsa	Poggi_Castelfior	309	Max WS	412.57	73.35		73.60	65.20	0.001317	2.21	186.47	3.39	0.37
Elsa	Poggi_Castelfior	308.8*	Max WS	412.54	73.27		73.51	65.16	0.001408	2.18	188.81	3.42	0.37
Elsa	Poggi_Castelfior	308.74		Lat Struct									
Elsa	Poggi_Castelfior	308.6*	Max WS	411.30	73.19		73.43	65.12	0.001372	2.16	190.27	3.43	0.36
Elsa	Poggi_Castelfior	308.4*	Max WS	410.54	73.11		73.34	65.08	0.001298	2.15	190.97	3.41	0.36
Elsa	Poggi_Castelfior	308.2*	Max WS	410.51	73.02		73.26	65.04	0.001344	2.15	190.76	3.33	0.36
Elsa	Poggi_Castelfior	308	Max WS	410.46	72.93		73.17	65.00	0.001408	2.16	189.67	3.12	0.38
Elsa	Poggi_Castelfior	307.75*	Max WS	410.43	72.88		73.09	64.75	0.001389	2.02	202.70	2.97	0.37
Elsa	Poggi_Castelfior	307.5*	Max WS	410.42	72.83		73.02	64.50	0.001246	1.94	211.37	3.02	0.35
Elsa	Poggi_Castelfior	307.25*	Max WS	410.40	72.76		72.95	64.25	0.001266	1.91	215.03	3.03	0.34
Elsa	Poggi_Castelfior	307	Max WS	410.19	72.70		72.89	64.00	0.000907	1.90	215.92	3.38	0.31
Elsa	Poggi_Castelfior	306.98		Lat Struct									
Elsa	Poggi_Castelfior	306.58		Lat Struct									
Elsa	Poggi_Castelfior	306	Max WS	410.17	72.59		72.84	63.80	0.001223	2.23	183.75	3.63	0.35
Elsa	Poggi_Castelfior	305.98		Lat Struct									
Elsa	Poggi_Castelfior	305	Max WS	409.90	72.17		72.58	64.00	0.001823	2.82	145.44	3.82	0.42
Elsa	Poggi_Castelfior	304.98		Lat Struct									
Elsa	Poggi_Castelfior	304.97		Lat Struct									
Elsa	Poggi_Castelfior	304.9	Max WS	409.40	71.90		72.31	63.74	0.001830	2.82	145.07	3.81	0.43
Elsa	Poggi_Castelfior	304	Max WS	409.46	71.95		72.11	63.40	0.000599	1.82	225.54	4.19	0.26
Elsa	Poggi_Castelfior	303.7	Max WS	409.20	71.80	68.73	72.03	63.80	0.000966	2.12	193.36	4.00	0.33
Elsa	Poggi_Castelfior	303.65		Bridge									
Elsa	Poggi_Castelfior	303.6	Max WS	409.20	71.79		72.02	63.80	0.000974	2.12	192.78	3.99	0.33
Elsa	Poggi_Castelfior	303.59		Lat Struct									
Elsa	Poggi_Castelfior	303.58		Lat Struct									
Elsa	Poggi_Castelfior	303	Max WS	408.88	71.57		71.83	63.80	0.001163	2.29	178.77	3.91	0.36
Elsa	Poggi_Castelfior	302.58		Lat Struct									
Elsa	Poggi_Castelfior	302	Max WS	403.66	71.36		71.54	63.00	0.001191	1.87	216.06	2.83	0.34
Elsa	Poggi_Castelfior	301.99		Lat Struct									
Elsa	Poggi_Castelfior	301	Max WS	405.39	70.68		71.05	63.00	0.001699	2.72	152.28	2.55	0.42
Elsa	Poggi_Castelfior	300.98		Lat Struct									
Elsa	Poggi_Castelfior	300.29		Lat Struct									
Elsa	Poggi_Castelfior	300	Max WS	404.25	69.95		70.47	62.70	0.002663	3.19	126.59	3.46	0.52
Elsa	Poggi_Castelfior	299.5	Max WS	404.32	70.00		70.08	61.57	0.000360	1.31	308.28	4.09	0.20
Elsa	Poggi_Castelfior	299	Max WS	397.35	69.57		69.89	61.30	0.001921	2.52	160.96	2.49	0.43
Elsa	Poggi_Castelfior	298.98		Lat Struct									
Elsa	Poggi_Castelfior	298.7	Max WS	396.56	69.32		69.61	61.20	0.001522	2.40	164.98	3.44	0.39
Elsa	Poggi_Castelfior	298.62	Max WS	396.70	69.36		69.52	61.50	0.000542	1.78	270.62	3.50	0.25
Elsa	Poggi_Castelfior	298.61	Max WS	396.79	69.40		69.50	61.50	0.000330	1.42	300.38	3.93	0.19
Elsa	Poggi_Castelfior	298.6	Max WS	396.75	69.38		69.50	61.50	0.000522	1.49	265.62	3.76	0.23
Elsa	Poggi_Castelfior	298.4	Max WS	396.77	69.38		69.49	61.50	0.000525	1.50	265.22	3.76	0.23
Elsa	Poggi_Castelfior	298.38		Lat Struct									
Elsa	Poggi_Castelfior	298.36	Max WS	396.70	69.38		69.48	61.50	0.000444	1.45	273.86	4.05	0.22
Elsa	Poggi_Castelfior	298.09	Max WS	388.68	69.14		69.34	60.57	0.001271	1.98	196.87	2.84	0.35
Elsa	Poggi_Castelfior	298.08		Lat Struct									
Elsa	Poggi_Castelfior	298	Max WS	393.55	69.01		69.15	62.50	0.000929	1.70	231.31	2.97	0.31
Elsa	Poggi_Castelfior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	394.26	68.80		68.85	61.70	0.001497	2.21	178.44	3.07	0.39
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	388.25	68.16		68.44	61.20	0.001515	2.37	164.27	3.30	0.40
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	382.10	67.71		67.96	62.20	0.001638	2.24	170.66	2.93	0.41
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	329.92	67.58		67.67	61.90	0.000628	1.39	237.86	2.93	0.26
Elsa	Poggi_Castellior	292	Max WS	262.29	67.37		67.55	61.90	0.001170	1.84	142.58	2.81	0.34
Elsa	Poggi_Castellior	291.75*	Max WS	252.85	67.37		67.51	61.93	0.001076	1.63	154.83	2.81	0.30
Elsa	Poggi_Castellior	291.5*	Max WS	243.27	67.37		67.47	61.95	0.000823	1.44	169.24	2.84	0.27
Elsa	Poggi_Castellior	291.25*	Max WS	233.60	67.36		67.45	61.97	0.000615	1.26	185.95	2.89	0.23
Elsa	Poggi_Castellior	291	Max WS	222.74	67.37		67.43	62.00	0.000381	1.09	205.06	2.96	0.20
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	341.87	66.88		66.97	61.90	0.002412	2.40	142.43	2.43	0.48
Elsa	Poggi_Castellior	289	Max WS	341.86	65.77		66.34	61.80	0.006673	3.35	102.04	1.87	0.77
Elsa	Poggi_Castellior	288	Max WS	341.86	65.87		66.12	62.00	0.003483	2.21	154.35	1.64	0.54
Elsa	Poggi_Castellior	287.6	Max WS	341.86	65.84	64.99	66.10	62.00	0.003697	2.26	151.45	1.61	0.56
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	341.84	65.41		65.44	58.70	0.000276	0.78	439.53	2.28	0.16
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	360.16	65.41		65.43	58.00	0.000122	0.62	591.35	2.89	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	382.75	65.17		65.34	58.90	0.002186	1.85	206.96	1.77	0.44
Elsa	Poggi_Castellior	283	Max WS	385.11	64.97		65.15	58.60	0.001219	1.85	207.89	2.75	0.35
Elsa	Poggi_Castellior	282	Max WS	384.84	64.83		65.08	58.50	0.002781	2.21	175.34	1.93	0.49
Elsa	Poggi_Castellior	281.9	Max WS	323.28	64.80	62.11	64.98	58.50	0.001937	1.89	172.14	2.00	0.41
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	384.92	64.91		64.99	58.80	0.000368	1.28	300.35	3.89	0.20
Elsa	Poggi_Castellior	281	Max WS	384.93	64.90		64.99	58.80	0.000369	1.28	300.03	3.89	0.20
Elsa	Poggi_Castellior	280	Max WS	384.94	64.88		64.97	58.00	0.000415	1.29	297.96	3.59	0.21
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	389.28	64.83		64.94	58.00	0.000465	1.46	267.26	3.95	0.23
Elsa	Poggi_Castellior	277	Max WS	389.30	64.83		64.94	58.00	0.000465	1.46	267.22	3.95	0.23
Elsa	Poggi_Castellior	276	Max WS	394.68	64.64		64.85	57.60	0.001068	2.00	197.40	3.41	0.33
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	394.66	64.38		64.72	57.88	0.001953	2.58	152.98	3.17	0.44
Elsa	Poggi_Castellior	273	Max WS	394.59	64.03		64.29	57.39	0.001580	2.28	172.75	3.10	0.40
Elsa	Poggi_Castellior	272	Max WS	394.54	63.87		64.08	56.94	0.001358	2.01	196.27	2.87	0.37
Elsa	Poggi_Castellior	271	Max WS	394.26	63.46		63.67	56.54	0.001628	2.06	191.64	2.59	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	394.25	63.26		63.45	56.53	0.001313	1.91	206.02	2.73	0.36
Elsa	Poggi_Castellior	269	Max WS	394.23	63.03		63.24	54.36	0.001322	2.07	190.44	3.06	0.36
Elsa	Poggi_Castellior	268	Max WS	394.15	62.47		62.76	54.91	0.002306	2.38	165.69	2.48	0.46
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	394.06	62.28		62.52	54.27	0.001504	2.18	180.79	3.00	0.38
Elsa	Poggi_Castellior	266	Max WS	394.02	62.18		62.38	54.22	0.001088	1.96	201.33	3.25	0.33
Elsa	Poggi_Castellior	265	Max WS	394.00	62.12		62.28	54.36	0.001081	1.81	218.24	2.90	0.33
Elsa	Poggi_Castellior	264	Max WS	393.84	61.87		62.09	53.78	0.001476	2.06	190.74	2.80	0.38
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	393.66	61.48		61.66	52.82	0.001559	1.87	210.34	2.32	0.38
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	375.62	61.15		61.33	52.86	0.001139	1.87	201.07	2.93	0.33
Elsa	Poggi_Castellior	261	Max WS	375.47	60.79		61.03	52.58	0.001622	2.15	174.44	2.78	0.40
Elsa	Poggi_Castellior	260.833*	Max WS	375.46	60.75		60.98	52.66	0.001567	2.13	176.60	2.80	0.39
Elsa	Poggi_Castellior	260.666*	Max WS	375.45	60.71		60.93	52.75	0.001518	2.10	178.79	2.82	0.39
Elsa	Poggi_Castellior	260.5*	Max WS	375.44	60.87		60.89	52.83	0.001471	2.07	181.10	2.83	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	375.42	60.63		60.84	52.92	0.001432	2.05	183.46	2.83	0.38
Elsa	Poggi_Castellior	260.166*	Max WS	375.38	60.59		60.79	53.01	0.001396	2.02	185.92	2.83	0.37
Elsa	Poggi_Castellior	260	Max WS	375.39	60.55		60.75	53.09	0.001366	1.99	188.43	2.82	0.37
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	393.27	60.03		60.25	51.64	0.001374	2.07	189.65	2.98	0.37
Elsa	Poggi_Castellior	258	Max WS	389.85	59.84		60.04	51.94	0.001149	2.01	193.94	3.25	0.34
Elsa	Poggi_Castellior	257	Max WS	389.84	59.64		59.84	50.99	0.001060	2.02	192.99	3.48	0.33
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	373.32	59.43		59.70	51.39	0.001528	2.31	161.46	3.24	0.39
Elsa	Poggi_Castellior	255	Max WS	373.22	59.20		59.46	50.78	0.001468	2.23	167.20	3.05	0.38
Elsa	Poggi_Castellior	254	Max WS	373.20	59.04		59.35	51.95	0.001794	2.47	151.40	3.16	0.42
Elsa	Poggi_Castellior	253.7	Max WS	376.60	58.89		59.15	51.50	0.001547	2.26	166.59	3.10	0.39
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	374.80	58.67		58.91	51.30	0.001637	2.20	170.68	2.85	0.39
Elsa	Poggi_Castellior	253	Max WS	371.78	58.41		58.67	51.63	0.001456	2.26	164.70	3.24	0.39
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	371.77	58.10		58.39	50.91	0.001338	2.39	155.54	3.76	0.37
Elsa	Poggi_Castellior	251	Max WS	344.64	57.90		58.13	51.06	0.001377	2.14	161.57	2.93	0.37
Elsa	Poggi_Castellior	250	Max WS	330.17	57.43		57.85	50.57	0.002670	2.88	114.59	2.96	0.51
Elsa	Poggi_Castellior	249	Max WS	330.06	57.21		57.47	50.30	0.001087	2.26	165.79	4.04	0.35
Elsa	Poggi_Castellior	248.5*	Max WS	334.77	57.12		57.42	50.15	0.001479	2.44	165.15	4.05	0.37
Elsa	Poggi_Castellior	248	Max WS	346.16	57.06		57.37	49.99	0.001151	2.45	188.36	4.36	0.35
Elsa	Poggi_Castellior	247.666*	Max WS	359.31	56.99		57.30	49.82	0.001144	2.47	166.22	4.23	0.36
Elsa	Poggi_Castellior	247.333*	Max WS	364.63	56.90		57.25	49.64	0.001512	2.61	144.23	3.68	0.40
Elsa	Poggi_Castellior	247	Max WS	364.60	56.73		57.18	49.47	0.002319	2.96	123.24	3.43	0.46
Elsa	Poggi_Castellior	246.833*	Max WS	363.45	56.75		57.12	49.43	0.001726	2.67	137.20	3.68	0.41
Elsa	Poggi_Castellior	246.666*	Max WS	361.52	56.75		57.07	49.38	0.001460	2.50	148.80	3.76	0.39
Elsa	Poggi_Castellior	246.5*	Max WS	358.83	56.74		57.03	49.33	0.001338	2.38	158.12	3.73	0.37
Elsa	Poggi_Castellior	246.333*	Max WS	355.58	56.72		56.99	49.29	0.001316	2.31	165.06	3.62	0.37
Elsa	Poggi_Castellior	246.166*	Max WS	351.98	56.68		56.95	49.25	0.001382	2.29	169.46	3.43	0.37

HEC-RAS Plan: T030d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	348.67	56.64		56.91	49.20	0.001525	2.30	171.11	3.22	0.39
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	348.63	56.64		56.91	49.20	0.001527	2.30	171.02	3.22	0.39
Elsa	Poggi_Castelfior	244	Max WS	357.88	56.29		56.53	49.36	0.001231	2.18	164.24	3.48	0.35
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	331.11	56.24		56.43	49.36	0.001067	1.95	170.56	3.18	0.33
Elsa	Poggi_Castelfior	242	Max WS	323.14	56.14		56.26	48.45	0.000533	1.52	213.30	3.69	0.24
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	360.16	55.78		56.02	48.42	0.001188	2.17	165.67	3.56	0.35
Elsa	Poggi_Castelfior	240.857*	Max WS	359.97	55.73		55.98	48.39	0.001289	2.23	161.63	3.48	0.37
Elsa	Poggi_Castelfior	240.714*	Max WS	359.80	55.68		55.94	48.36	0.001367	2.26	159.30	3.40	0.38
Elsa	Poggi_Castelfior	240.571*	Max WS	359.74	55.64		55.91	48.33	0.001406	2.27	158.80	3.34	0.38
Elsa	Poggi_Castelfior	240.428*	Max WS	359.65	55.61		55.87	48.31	0.001389	2.24	160.21	3.33	0.38
Elsa	Poggi_Castelfior	240.285*	Max WS	358.84	55.58		55.83	48.28	0.001309	2.19	163.64	3.36	0.36
Elsa	Poggi_Castelfior	240.142*	Max WS	357.45	55.57		55.80	48.25	0.001188	2.11	169.04	3.42	0.35
Elsa	Poggi_Castelfior	240	Max WS	356.89	55.56		55.77	48.22	0.001055	2.03	176.18	3.50	0.33
Elsa	Poggi_Castelfior	239	Max WS	379.74	55.43		55.61	47.84	0.000686	1.86	204.41	4.25	0.27
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	376.98	55.16		55.42	48.07	0.001655	2.28	165.20	2.99	0.41
Elsa	Poggi_Castelfior	237	Max WS	376.89	55.07		55.31	48.60	0.001398	2.19	172.16	3.19	0.38
Elsa	Poggi_Castelfior	236	Max WS	376.90	55.13		55.30	48.21	0.000841	1.80	209.67	3.47	0.30
Elsa	Poggi_Castelfior	235	Max WS	376.83	55.08		55.27	47.79	0.001162	1.94	194.59	3.05	0.34
Elsa	Poggi_Castelfior	234	Max WS	376.76	55.08		55.23	47.30	0.000838	1.69	222.56	3.18	0.29
Elsa	Poggi_Castelfior	233	Max WS	369.81	54.96		55.08	48.23	0.000661	1.55	239.48	3.27	0.26
Elsa	Poggi_Castelfior	232	Max WS	367.15	54.03		54.53	48.71	0.003514	3.14	116.82	2.75	0.58
Elsa	Poggi_Castelfior	231	Max WS	372.91	53.82		54.00	47.01	0.001269	1.88	198.06	2.73	0.35
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	334.19	53.46		53.66	46.02	0.001538	1.96	170.78	2.51	0.38
Elsa	Poggi_Castelfior	228	Max WS	308.94	53.40		53.48	46.35	0.000343	1.23	251.89	3.83	0.19
Elsa	Poggi_Castelfior	227	Max WS	382.73	53.30		53.38	45.96	0.000361	1.25	306.76	3.78	0.20
Elsa	Poggi_Castelfior	226	Max WS	382.69	52.99		53.15	45.51	0.000926	1.75	218.95	3.10	0.31

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	357.3	Max WS	306.23	89.47		90.19	84.18	0.006073	3.77	81.28	2.39	0.75
Elsa	Poggi_Castelfior	357.2	Max WS	306.23	89.46		90.17	84.15	0.005903	3.73	82.07	2.41	0.74
Elsa	Poggi_Castelfior	357	Max WS	306.21	89.38		89.51	84.25	0.001084	1.64	187.00	2.50	0.33
Elsa	Poggi_Castelfior	356	Max WS	306.21	89.26		89.42	84.00	0.001136	1.74	176.45	2.63	0.34
Elsa	Poggi_Castelfior	355	Max WS	306.20	89.06		89.22	83.36	0.000949	1.73	176.68	3.00	0.31
Elsa	Poggi_Castelfior	354	Max WS	306.20	88.89		89.15	83.34	0.001939	2.25	135.98	2.60	0.44
Elsa	Poggi_Castelfior	353.9	Max WS	306.20	88.85	87.05	89.12	83.34	0.002016	2.28	134.03	2.58	0.44
Elsa	Poggi_Castelfior	353.5		Bridge									
Elsa	Poggi_Castelfior	353.1	Max WS	306.19	88.80		89.07	83.34	0.002119	2.33	131.40	2.56	0.46
Elsa	Poggi_Castelfior	353	Max WS	306.19	88.89		89.06	82.70	0.000990	1.84	165.99	3.20	0.32
Elsa	Poggi_Castelfior	352	Max WS	306.19	88.87		89.00	82.60	0.000707	1.60	191.60	3.32	0.27
Elsa	Poggi_Castelfior	351	Max WS	306.13	88.61		88.84	81.90	0.001096	2.12	144.62	3.64	0.34
Elsa	Poggi_Castelfior	350.99		Lat Struct									
Elsa	Poggi_Castelfior	350.66	Max WS	306.04	88.43		88.71	82.08	0.001313	2.35	130.50	3.42	0.37
Elsa	Poggi_Castelfior	350.33	Max WS	305.97	88.32		88.59	81.63	0.001345	2.28	134.24	3.49	0.36
Elsa	Poggi_Castelfior	350	Max WS	305.88	88.17		88.49	81.70	0.001942	2.51	121.66	3.07	0.43
Elsa	Poggi_Castelfior	349	Max WS	401.87	87.95		88.23	81.40	0.001104	2.34	171.58	4.21	0.35
Elsa	Poggi_Castelfior	348.99		Lat Struct									
Elsa	Poggi_Castelfior	348.9	Max WS	401.86	87.94		88.22	81.40	0.001112	2.35	171.13	4.21	0.35
Elsa	Poggi_Castelfior	348.5	Max WS	401.63	87.48		87.89	81.24	0.001971	2.85	141.10	3.65	0.45
Elsa	Poggi_Castelfior	348.48		Lat Struct									
Elsa	Poggi_Castelfior	348	Max WS	401.29	87.13		87.65	81.70	0.003219	3.18	126.21	2.99	0.57
Elsa	Poggi_Castelfior	347.5	Max WS	401.44	87.26		87.46	79.61	0.000752	2.04	228.06	2.63	0.27
Elsa	Poggi_Castelfior	347.49		Lat Struct									
Elsa	Poggi_Castelfior	347	Max WS	401.14	86.91		87.22	81.20	0.002182	2.47	162.12	2.74	0.47
Elsa	Poggi_Castelfior	346.5	Max WS	401.03	86.93		86.98	79.50	0.000333	1.02	394.15	2.89	0.19
Elsa	Poggi_Castelfior	346	Max WS	395.39	86.65		86.88	80.80	0.001619	2.09	189.60	2.66	0.40
Elsa	Poggi_Castelfior	345.98		Lat Struct									
Elsa	Poggi_Castelfior	345.5	Max WS	400.85	86.51		86.67	79.47	0.000921	1.79	223.89	3.22	0.31
Elsa	Poggi_Castelfior	345	Max WS	400.83	86.21		86.50	79.80	0.001485	2.39	168.00	3.47	0.40
Elsa	Poggi_Castelfior	344.99		Lat Struct									
Elsa	Poggi_Castelfior	344.98		Lat Struct									
Elsa	Poggi_Castelfior	344.5	Max WS	400.81	85.98		86.30	79.03	0.001364	2.53	158.46	4.03	0.37
Elsa	Poggi_Castelfior	344	Max WS	400.70	85.49		86.14	79.80	0.004206	3.59	111.64	2.93	0.64
Elsa	Poggi_Castelfior	343	Max WS	400.57	85.09		85.41	77.80	0.001645	2.50	159.91	3.45	0.41
Elsa	Poggi_Castelfior	342.98		Lat Struct									
Elsa	Poggi_Castelfior	342	Max WS	400.20	84.42		84.79	77.80	0.002356	2.67	149.67	2.91	0.49
Elsa	Poggi_Castelfior	341.99		Lat Struct									
Elsa	Poggi_Castelfior	341.6	Max WS	400.08	84.22		84.42	77.00	0.000763	1.94	206.00	4.19	0.29
Elsa	Poggi_Castelfior	341.5	Max WS	400.10	84.22		84.41	77.00	0.000725	1.90	210.19	4.23	0.28
Elsa	Poggi_Castelfior	341.4	Max WS	400.10	84.19		84.40	77.00	0.000840	2.02	198.54	4.13	0.30
Elsa	Poggi_Castelfior	341.39		Lat Struct									
Elsa	Poggi_Castelfior	341.38		Lat Struct									
Elsa	Poggi_Castelfior	341	Max WS	400.00	83.97		84.12	77.30	0.000811	1.68	237.86	3.23	0.29
Elsa	Poggi_Castelfior	340	Max WS	399.98	83.92		84.03	77.70	0.000664	1.45	276.37	3.00	0.26
Elsa	Poggi_Castelfior	339.98		Lat Struct									
Elsa	Poggi_Castelfior	339	Max WS	399.97	83.80		83.99	76.80	0.001152	1.96	208.97	2.86	0.34
Elsa	Poggi_Castelfior	338	Max WS	399.67	82.49		83.02	75.80	0.003396	3.21	124.62	2.91	0.57
Elsa	Poggi_Castelfior	337.98		Lat Struct									
Elsa	Poggi_Castelfior	337	Max WS	399.59	82.16		82.42	75.60	0.001629	2.29	174.40	3.04	0.41
Elsa	Poggi_Castelfior	336.99		Lat Struct									
Elsa	Poggi_Castelfior	336	Max WS	399.54	81.92		82.17	75.60	0.001106	2.19	182.33	3.81	0.35
Elsa	Poggi_Castelfior	335.09		Lat Struct									
Elsa	Poggi_Castelfior	335	Max WS	399.55	81.89		82.04	74.60	0.000516	1.73	230.35	4.75	0.24
Elsa	Poggi_Castelfior	334	Max WS	399.44	80.87		81.43	74.40	0.004382	3.33	120.02	2.54	0.63
Elsa	Poggi_Castelfior	333.99		Lat Struct									
Elsa	Poggi_Castelfior	333.98		Lat Struct									
Elsa	Poggi_Castelfior	333.68		Lat Struct									
Elsa	Poggi_Castelfior	333.58		Lat Struct									
Elsa	Poggi_Castelfior	333.5	Max WS	399.34	80.63		80.87	74.60	0.001181	2.35	210.76	3.29	0.36
Elsa	Poggi_Castelfior	333	Max WS	399.35	80.56		80.77	74.60	0.001064	2.21	346.73	3.20	0.34
Elsa	Poggi_Castelfior	332.5	Max WS	399.34	80.49		80.69	74.49	0.001318	2.17	338.42	2.85	0.33
Elsa	Poggi_Castelfior	332.49		Lat Struct									
Elsa	Poggi_Castelfior	332.25	Max WS	399.32	80.36		80.57	74.29	0.001013	2.18	352.77	3.25	0.33
Elsa	Poggi_Castelfior	332	Max WS	399.33	80.45		80.54	74.20	0.000487	1.33	300.59	3.32	0.23
Elsa	Poggi_Castelfior	331	Max WS	399.33	80.35	76.81	80.50	73.50	0.000529	1.75	229.33	4.53	0.25
Elsa	Poggi_Castelfior	330.75		Bridge									
Elsa	Poggi_Castelfior	330.5	Max WS	399.33	80.31		80.47	73.50	0.000578	1.73	230.18	4.36	0.25
Elsa	Poggi_Castelfior	330.49		Lat Struct									
Elsa	Poggi_Castelfior	330	Max WS	399.31	80.14		80.44	73.65	0.001395	2.42	165.39	3.54	0.38
Elsa	Poggi_Castelfior	329.98		Lat Struct									
Elsa	Poggi_Castelfior	329	Max WS	399.30	80.18		80.39	72.60	0.001267	2.00	199.17	3.01	0.36
Elsa	Poggi_Castelfior	328	Max WS	399.29	80.00		80.21	72.60	0.001176	2.02	197.42	3.22	0.35
Elsa	Poggi_Castelfior	327.99		Lat Struct									
Elsa	Poggi_Castelfior	327	Max WS	399.36	79.91		80.16	72.60	0.001514	2.24	178.61	3.10	0.39
Elsa	Poggi_Castelfior	326.98		Lat Struct									
Elsa	Poggi_Castelfior	326	Max WS	399.33	79.53		79.77	72.50	0.001869	2.20	181.39	2.59	0.43
Elsa	Poggi_Castelfior	325.58		Lat Struct									
Elsa	Poggi_Castelfior	325	Max WS	375.89	79.23		79.36	72.20	0.000729	1.60	235.60	3.23	0.28
Elsa	Poggi_Castelfior	324.99		Lat Struct									
Elsa	Poggi_Castelfior	324.49		Lat Struct									
Elsa	Poggi_Castelfior	324	Max WS	272.48	79.16		79.32	72.30	0.000944	1.79	152.17	3.17	0.31
Elsa	Poggi_Castelfior	323.857*	Max WS	272.45	79.13		79.28	72.31	0.000893	1.73	157.64	3.13	0.30
Elsa	Poggi_Castelfior	323.714*	Max WS	272.27	79.10		79.24	72.31	0.000839	1.66	163.69	3.10	0.29
Elsa	Poggi_Castelfior	323.571*	Max WS	252.00	79.12		79.23	72.32	0.000642	1.46	172.57	3.11	0.26
Elsa	Poggi_Castelfior	323.428*	Max WS	251.99	79.10		79.20	72.33	0.000590	1.40	179.95	3.11	0.25
Elsa	Poggi_Castelfior	323.285*	Max WS	251.99	79.09		79.18	72.34	0.000540	1.34	187.82	3.12	0.24
Elsa	Poggi_Castelfior	323.142*	Max WS	251.98	79.07		79.16	72.34	0.000498	1.28	196.15	3.11	0.23
Elsa	Poggi_Castelfior	323	Max WS	250.91	79.06		79.14	72.35	0.000444	1.22	205.06	3.15	0.22
Elsa	Poggi_Castelfior	322.98		Lat Struct									
Elsa	Poggi_Castelfior	322	Max WS	374.21	78.34		78.55	72.32	0.001945	2.02	185.32	2.20	0.43
Elsa	Poggi_Castelfior	321.98		Lat Struct									
Elsa	Poggi_Castelfior	321	Max WS	374.19	77.88		78.14	72.30	0.002015	2.25	166.22	2.53	0.44
Elsa	Poggi_Castelfior	320.99		Lat Struct									

HEC-RAS Plan: T020d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	320	Max WS	344.01	77.51		77.79	71.80	0.002382	2.32	148.29	2.33	0.48
Elsa	Poggi_Castellior	319.99		Lat Struct									
Elsa	Poggi_Castellior	319.98		Lat Struct									
Elsa	Poggi_Castellior	319	Max WS	340.25	76.35		76.83	71.60	0.002961	3.08	112.59	2.29	0.55
Elsa	Poggi_Castellior	318.58		Lat Struct									
Elsa	Poggi_Castellior	318	Max WS	340.25	76.15		76.30	71.20	0.000710	1.73	196.33	3.69	0.28
Elsa	Poggi_Castellior	317.6	Max WS	339.58	76.17		76.29	71.20	0.000565	1.53	222.22	3.58	0.25
Elsa	Poggi_Castellior	317.56	Max WS	336.73	76.16		76.28	71.20	0.000619	1.54	219.24	3.39	0.25
Elsa	Poggi_Castellior	317.54	Max WS	336.72	76.15		76.28	71.20	0.000623	1.54	218.74	3.38	0.25
Elsa	Poggi_Castellior	317.5	Max WS	336.73	76.15		76.27	71.20	0.000592	1.55	217.91	3.60	0.25
Elsa	Poggi_Castellior	317.49		Lat Struct									
Elsa	Poggi_Castellior	317.48		Lat Struct									
Elsa	Poggi_Castellior	317.4	Max WS	336.73	76.15		76.26	71.20	0.000572	1.53	220.48	3.63	0.25
Elsa	Poggi_Castellior	317.32*	Max WS	336.73	76.11		76.25	71.17	0.000689	1.64	205.03	3.52	0.27
Elsa	Poggi_Castellior	317.24*	Max WS	336.73	76.06		76.23	71.14	0.000858	1.78	188.92	3.38	0.30
Elsa	Poggi_Castellior	317.16*	Max WS	336.72	76.00		76.20	71.12	0.001112	1.96	171.93	3.20	0.34
Elsa	Poggi_Castellior	317.08*	Max WS	336.72	75.92		76.16	71.09	0.001527	2.19	153.68	2.99	0.40
Elsa	Poggi_Castellior	317	Max WS	336.72	75.78		76.11	71.06	0.002312	2.53	133.19	2.71	0.48
Elsa	Poggi_Castellior	316.5*	Max WS	336.72	75.79		76.05	71.14	0.001872	2.25	149.60	2.78	0.42
Elsa	Poggi_Castellior	316	Max WS	336.72	75.69	74.44	75.99	71.22	0.002116	2.42	138.91	2.72	0.46
Elsa	Poggi_Castellior	315.5		Ini Struct									
Elsa	Poggi_Castellior	315	Max WS	331.91	74.29		74.33	67.50	0.000112	0.80	413.35	4.70	0.11
Elsa	Poggi_Castellior	314.99		Lat Struct									
Elsa	Poggi_Castellior	314.98		Lat Struct									
Elsa	Poggi_Castellior	314.59		Lat Struct									
Elsa	Poggi_Castellior	314	Max WS	341.22	74.22		74.32	67.40	0.000415	1.36	251.45	3.87	0.22
Elsa	Poggi_Castellior	313	Max WS	340.99	74.12		74.30	67.30	0.001028	1.88	194.52	3.20	0.32
Elsa	Poggi_Castellior	312.9	Max WS	341.00	74.12	70.96	74.30	67.30	0.001032	1.88	194.39	3.20	0.32
Elsa	Poggi_Castellior	312.5		Bridge									
Elsa	Poggi_Castellior	312.1	Max WS	340.84	74.08		74.26	67.30	0.000822	1.92	179.55	3.68	0.29
Elsa	Poggi_Castellior	312	Max WS	340.87	74.08		74.26	67.30	0.000823	1.92	179.62	3.67	0.29
Elsa	Poggi_Castellior	311.99		Lat Struct									
Elsa	Poggi_Castellior	311.98		Lat Struct									
Elsa	Poggi_Castellior	311	Max WS	340.40	73.88		74.23	67.30	0.001788	2.61	130.44	3.45	0.43
Elsa	Poggi_Castellior	310.98		Lat Struct									
Elsa	Poggi_Castellior	310.8*	Max WS	340.16	73.80		74.10	67.06	0.001597	2.45	138.90	3.41	0.41
Elsa	Poggi_Castellior	310.6*	Max WS	339.94	73.72		73.99	66.82	0.001424	2.29	148.48	3.36	0.38
Elsa	Poggi_Castellior	310.4*	Max WS	339.82	73.66		73.89	66.58	0.001260	1.93	159.48	3.31	0.36
Elsa	Poggi_Castellior	310.2*	Max WS	339.72	73.61		73.81	66.34	0.001080	1.98	171.99	3.32	0.33
Elsa	Poggi_Castellior	310.19		Lat Struct									
Elsa	Poggi_Castellior	310	Max WS	341.49	73.56		73.73	66.10	0.000928	1.84	185.68	3.34	0.31
Elsa	Poggi_Castellior	309.8*	Max WS	362.29	73.42		73.63	65.92	0.001214	2.01	180.53	3.24	0.34
Elsa	Poggi_Castellior	309.6*	Max WS	363.73	73.32		73.53	65.74	0.001318	2.06	176.41	3.17	0.36
Elsa	Poggi_Castellior	309.4*	Max WS	363.67	73.20		73.43	65.56	0.001475	2.11	172.11	3.14	0.37
Elsa	Poggi_Castellior	309.29		Lat Struct									
Elsa	Poggi_Castellior	309.28		Lat Struct									
Elsa	Poggi_Castellior	309.2*	Max WS	363.63	73.09		73.32	65.38	0.001482	2.15	168.82	3.22	0.37
Elsa	Poggi_Castellior	309	Max WS	363.57	73.00		73.23	65.20	0.001049	2.14	170.07	3.82	0.34
Elsa	Poggi_Castellior	308.8*	Max WS	363.55	72.93		73.15	65.16	0.001335	2.12	171.71	3.40	0.35
Elsa	Poggi_Castellior	308.74		Lat Struct									
Elsa	Poggi_Castellior	308.6*	Max WS	363.53	72.84		73.07	65.12	0.001334	2.10	172.87	3.36	0.35
Elsa	Poggi_Castellior	308.4*	Max WS	363.48	72.76		72.98	65.08	0.001282	2.10	173.30	3.32	0.36
Elsa	Poggi_Castellior	308.2*	Max WS	363.46	72.68		72.90	65.04	0.001318	2.10	172.92	3.26	0.36
Elsa	Poggi_Castellior	308	Max WS	363.41	72.59		72.82	65.00	0.001311	2.12	171.62	3.18	0.37
Elsa	Poggi_Castellior	307.75*	Max WS	363.40	72.54		72.74	64.75	0.001301	2.00	181.88	3.05	0.35
Elsa	Poggi_Castellior	307.5*	Max WS	363.40	72.48		72.67	64.50	0.001276	1.92	189.12	2.92	0.35
Elsa	Poggi_Castellior	307.25*	Max WS	363.39	72.42		72.60	64.25	0.001301	1.89	192.56	2.91	0.34
Elsa	Poggi_Castellior	307	Max WS	363.38	72.36		72.53	64.00	0.000910	1.85	196.87	3.41	0.31
Elsa	Poggi_Castellior	306.98		Lat Struct									
Elsa	Poggi_Castellior	306.58		Lat Struct									
Elsa	Poggi_Castellior	306	Max WS	363.36	72.26		72.49	63.80	0.001228	2.15	168.81	3.43	0.35
Elsa	Poggi_Castellior	305.98		Lat Struct									
Elsa	Poggi_Castellior	305	Max WS	363.27	71.87		72.23	64.00	0.001714	2.68	135.80	3.70	0.41
Elsa	Poggi_Castellior	304.98		Lat Struct									
Elsa	Poggi_Castellior	304.97		Lat Struct									
Elsa	Poggi_Castellior	304.9	Max WS	363.16	71.62		71.98	63.74	0.001703	2.67	136.08	3.70	0.41
Elsa	Poggi_Castellior	304	Max WS	363.18	71.65		71.80	63.40	0.000553	1.71	212.08	4.42	0.25
Elsa	Poggi_Castellior	303.7	Max WS	363.13	71.52	68.49	71.72	63.80	0.000912	2.01	180.75	3.86	0.32
Elsa	Poggi_Castellior	303.65		Bridge									
Elsa	Poggi_Castellior	303.6	Max WS	363.12	71.50		71.71	63.80	0.000919	2.02	180.19	3.86	0.32
Elsa	Poggi_Castellior	303.59		Lat Struct									
Elsa	Poggi_Castellior	303.58		Lat Struct									
Elsa	Poggi_Castellior	303	Max WS	363.07	71.30		71.54	63.80	0.001091	2.17	167.54	3.78	0.34
Elsa	Poggi_Castellior	302.58		Lat Struct									
Elsa	Poggi_Castellior	302	Max WS	362.62	71.06		71.24	63.00	0.001317	1.86	194.44	2.62	0.36
Elsa	Poggi_Castellior	301.99		Lat Struct									
Elsa	Poggi_Castellior	301	Max WS	362.54	70.40		70.74	63.00	0.001646	2.61	138.67	3.68	0.41
Elsa	Poggi_Castellior	300.98		Lat Struct									
Elsa	Poggi_Castellior	300.29		Lat Struct									
Elsa	Poggi_Castellior	300	Max WS	362.40	69.74		70.20	62.70	0.002309	3.03	119.79	3.56	0.48
Elsa	Poggi_Castellior	299.5	Max WS	362.41	69.78		69.86	61.57	0.000335	1.24	292.69	3.96	0.19
Elsa	Poggi_Castellior	299	Max WS	362.20	69.37		69.67	61.30	0.001828	2.45	147.99	3.08	0.42
Elsa	Poggi_Castellior	298.98		Lat Struct									
Elsa	Poggi_Castellior	298.7	Max WS	361.98	69.13		69.40	61.20	0.001455	2.30	157.20	3.34	0.38
Elsa	Poggi_Castellior	298.62	Max WS	362.05	69.17		69.32	61.50	0.000511	1.69	250.14	3.73	0.24
Elsa	Poggi_Castellior	298.61	Max WS	362.06	69.21		69.30	61.50	0.000307	1.34	282.68	4.19	0.18
Elsa	Poggi_Castellior	298.6	Max WS	362.06	69.19		69.29	61.50	0.000495	1.43	253.75	3.66	0.22
Elsa	Poggi_Castellior	298.4	Max WS	362.05	69.18		69.29	61.50	0.000497	1.43	253.37	3.65	0.23
Elsa	Poggi_Castellior	298.38		Lat Struct									
Elsa	Poggi_Castellior	298.36	Max WS	362.07	69.19		69.28	61.50	0.000420	1.38	262.35	3.93	0.21
Elsa	Poggi_Castellior	298.09	Max WS	360.74	68.94		69.14	60.57	0.001346	1.96	184.22	2.69	0.36
Elsa	Poggi_Castellior	298.08		Lat Struct									
Elsa	Poggi_Castellior	298	Max WS	356.02	68.81		68.95	62.50	0.000911	1.64	216.75	2.86	0.31
Elsa	Poggi_Castellior	297.98		Lat Struct									

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castellior	296.18		Lat Struct									
Elsa	Poggi_Castellior	296	Max WS	354.79	68.43		68.66	61.70	0.001434	2.10	169.11	2.93	0.38
Elsa	Poggi_Castellior	295.99		Lat Struct									
Elsa	Poggi_Castellior	295	Max WS	352.66	68.00		68.26	61.20	0.001430	2.25	157.26	3.19	0.39
Elsa	Poggi_Castellior	294.19		Lat Struct									
Elsa	Poggi_Castellior	294	Max WS	344.99	67.60		67.82	62.20	0.001496	2.10	164.43	2.84	0.39
Elsa	Poggi_Castellior	293.98		Lat Struct									
Elsa	Poggi_Castellior	293.59		Lat Struct									
Elsa	Poggi_Castellior	293	Max WS	302.82	67.46		67.55	61.90	0.000601	1.32	228.56	2.83	0.25
Elsa	Poggi_Castellior	292	Max WS	251.41	67.23		67.40	61.90	0.001253	1.85	135.60	2.70	0.35
Elsa	Poggi_Castellior	291.75*	Max WS	241.76	67.22		67.36	61.93	0.001153	1.64	147.11	2.69	0.31
Elsa	Poggi_Castellior	291.5*	Max WS	231.91	67.22		67.32	61.95	0.000877	1.44	160.83	2.72	0.27
Elsa	Poggi_Castellior	291.25*	Max WS	221.84	67.22		67.30	61.97	0.000649	1.25	176.86	2.76	0.23
Elsa	Poggi_Castellior	291	Max WS	210.73	67.22		67.28	62.00	0.000397	1.08	195.35	2.83	0.20
Elsa	Poggi_Castellior	290.98		Lat Struct									
Elsa	Poggi_Castellior	290.49		Lat Struct									
Elsa	Poggi_Castellior	290	Max WS	314.82	66.56		66.83	61.90	0.002356	2.31	136.01	2.34	0.47
Elsa	Poggi_Castellior	289	Max WS	314.82	65.68		66.21	61.80	0.006495	3.22	97.69	1.80	0.76
Elsa	Poggi_Castellior	288	Max WS	314.82	65.77		66.01	62.00	0.003496	2.17	144.76	1.59	0.54
Elsa	Poggi_Castellior	287.6	Max WS	314.82	65.74	64.88	65.99	62.00	0.003655	2.22	141.92	1.58	0.55
Elsa	Poggi_Castellior	287.5		Inl Struct									
Elsa	Poggi_Castellior	287.4	Max WS	314.73	65.20		65.23	58.70	0.000304	0.79	400.08	2.16	0.17
Elsa	Poggi_Castellior	286.99		Lat Struct									
Elsa	Poggi_Castellior	286	Max WS	328.83	65.19		65.21	58.00	0.000126	0.61	549.52	2.75	0.11
Elsa	Poggi_Castellior	285.99		Lat Struct									
Elsa	Poggi_Castellior	285.98		Lat Struct									
Elsa	Poggi_Castellior	285	Max WS	341.49	64.94		65.12	58.90	0.002429	1.87	182.36	1.67	0.46
Elsa	Poggi_Castellior	283	Max WS	340.63	64.76		64.92	58.60	0.001075	1.76	193.14	2.81	0.33
Elsa	Poggi_Castellior	282	Max WS	318.43	64.63		64.84	58.50	0.002237	2.02	157.75	1.99	0.44
Elsa	Poggi_Castellior	281.9	Max WS	317.71	64.60	62.08	64.81	58.50	0.002249	2.05	155.37	2.02	0.45
Elsa	Poggi_Castellior	281.5		Bridge									
Elsa	Poggi_Castellior	281.1	Max WS	319.97	64.70		64.77	58.80	0.000294	1.12	285.10	3.77	0.18
Elsa	Poggi_Castellior	281	Max WS	319.87	64.70		64.76	58.80	0.000294	1.12	284.86	3.77	0.18
Elsa	Poggi_Castellior	280	Max WS	319.48	64.68		64.75	58.00	0.000264	1.12	284.09	4.10	0.17
Elsa	Poggi_Castellior	279.99		Lat Struct									
Elsa	Poggi_Castellior	279.98		Lat Struct									
Elsa	Poggi_Castellior	277.58		Lat Struct									
Elsa	Poggi_Castellior	277.1	Max WS	343.68	64.63		64.72	58.00	0.000419	1.35	254.28	3.82	0.22
Elsa	Poggi_Castellior	277	Max WS	343.62	64.62		64.72	58.00	0.000419	1.35	254.25	3.82	0.22
Elsa	Poggi_Castellior	276	Max WS	360.15	64.44		64.63	57.60	0.001051	1.93	186.75	3.27	0.33
Elsa	Poggi_Castellior	275.99		Lat Struct									
Elsa	Poggi_Castellior	275	Max WS	360.14	64.20		64.51	57.88	0.001912	2.48	144.99	3.05	0.43
Elsa	Poggi_Castellior	273	Max WS	359.04	63.85		64.10	57.39	0.001541	2.19	163.59	2.97	0.39
Elsa	Poggi_Castellior	272	Max WS	358.77	63.69		63.89	56.94	0.001337	1.94	184.59	2.76	0.37
Elsa	Poggi_Castellior	271	Max WS	358.05	63.27		63.48	56.54	0.001677	2.00	178.74	2.43	0.40
Elsa	Poggi_Castellior	270.99		Lat Struct									
Elsa	Poggi_Castellior	270	Max WS	358.04	63.07		63.25	56.53	0.001327	1.86	192.68	2.59	0.36
Elsa	Poggi_Castellior	269	Max WS	358.04	62.85		63.05	54.36	0.001290	1.99	180.15	2.93	0.36
Elsa	Poggi_Castellior	268	Max WS	358.01	62.28		62.56	54.91	0.002364	2.32	154.20	2.35	0.47
Elsa	Poggi_Castellior	267.98		Lat Struct									
Elsa	Poggi_Castellior	267	Max WS	357.99	62.10		62.32	54.27	0.001422	2.09	171.10	2.94	0.37
Elsa	Poggi_Castellior	266	Max WS	357.98	62.01		62.19	54.22	0.001031	1.87	191.29	3.17	0.32
Elsa	Poggi_Castellior	265	Max WS	357.96	61.94		62.09	54.36	0.001072	1.74	205.74	2.76	0.32
Elsa	Poggi_Castellior	264	Max WS	357.86	61.70		61.90	53.78	0.001449	1.99	180.24	2.68	0.37
Elsa	Poggi_Castellior	263.99		Lat Struct									
Elsa	Poggi_Castellior	263	Max WS	357.77	61.30		61.47	52.82	0.001654	1.84	194.68	2.16	0.39
Elsa	Poggi_Castellior	262.59		Lat Struct									
Elsa	Poggi_Castellior	262	Max WS	347.13	60.95		61.12	52.86	0.001199	1.85	187.93	2.77	0.34
Elsa	Poggi_Castellior	261	Max WS	347.11	60.80		60.82	52.58	0.001433	2.12	163.44	2.99	0.38
Elsa	Poggi_Castellior	260.833*	Max WS	347.11	60.55		60.78	52.66	0.001477	2.10	165.20	2.88	0.38
Elsa	Poggi_Castellior	260.666*	Max WS	347.10	60.51		60.73	52.75	0.001489	2.08	167.20	2.81	0.38
Elsa	Poggi_Castellior	260.5*	Max WS	347.09	60.47		60.68	52.83	0.001474	2.05	169.22	2.78	0.38
Elsa	Poggi_Castellior	260.333*	Max WS	347.09	60.43		60.64	52.92	0.001452	2.03	171.37	2.76	0.38
Elsa	Poggi_Castellior	260.166*	Max WS	347.09	60.39		60.59	53.01	0.001430	2.00	173.50	2.74	0.38
Elsa	Poggi_Castellior	260	Max WS	347.09	60.35		60.54	53.09	0.001409	1.98	175.74	2.72	0.37
Elsa	Poggi_Castellior	259.99		Lat Struct									
Elsa	Poggi_Castellior	259.59		Lat Struct									
Elsa	Poggi_Castellior	259	Max WS	357.58	59.84		60.05	51.64	0.001355	2.00	178.79	2.85	0.36
Elsa	Poggi_Castellior	258	Max WS	357.51	59.65		59.84	51.94	0.001127	1.95	183.66	3.14	0.34
Elsa	Poggi_Castellior	257	Max WS	357.50	59.46		59.65	50.99	0.001005	1.94	184.44	3.40	0.32
Elsa	Poggi_Castellior	256.98		Lat Struct									
Elsa	Poggi_Castellior	256.88		Lat Struct									
Elsa	Poggi_Castellior	256	Max WS	345.80	59.25		59.51	51.39	0.001517	2.25	153.45	3.13	0.39
Elsa	Poggi_Castellior	255	Max WS	345.79	59.02		59.27	50.78	0.001447	2.18	158.65	3.09	0.38
Elsa	Poggi_Castellior	254	Max WS	345.79	58.87		59.16	51.95	0.001681	2.40	144.14	3.19	0.41
Elsa	Poggi_Castellior	253.7	Max WS	345.23	58.74		58.98	51.50	0.001492	2.17	159.20	2.99	0.38
Elsa	Poggi_Castellior	253.49		Lat Struct									
Elsa	Poggi_Castellior	253.3	Max WS	344.99	58.52		58.75	51.30	0.001581	2.12	162.73	2.77	0.39
Elsa	Poggi_Castellior	253	Max WS	344.66	58.27		58.52	51.63	0.001389	2.18	158.19	3.18	0.38
Elsa	Poggi_Castellior	252.98		Lat Struct									
Elsa	Poggi_Castellior	252	Max WS	344.64	57.99		58.26	50.91	0.001202	2.27	151.68	3.78	0.35
Elsa	Poggi_Castellior	251	Max WS	327.26	57.78		58.00	51.06	0.001410	2.11	155.37	2.83	0.37
Elsa	Poggi_Castellior	250	Max WS	318.21	57.27		57.70	50.57	0.002800	2.92	109.12	2.91	0.52
Elsa	Poggi_Castellior	249	Max WS	318.15	57.04		57.30	50.30	0.001149	2.27	158.91	3.90	0.36
Elsa	Poggi_Castellior	248.5*	Max WS	320.74	56.96		57.26	50.15	0.001534	2.43	158.55	3.91	0.38
Elsa	Poggi_Castellior	248	Max WS	329.36	56.91		57.20	49.99	0.001152	2.41	182.26	4.25	0.35
Elsa	Poggi_Castellior	247.666*	Max WS	339.85	56.85		57.14	49.82	0.001134	2.41	160.65	4.11	0.36
Elsa	Poggi_Castellior	247.333*	Max WS	343.56	56.76		57.09	49.64	0.001482	2.54	139.02	3.81	0.39
Elsa	Poggi_Castellior	247	Max WS	343.56	56.61		57.03	49.47	0.002253	2.88	119.44	3.36	0.46
Elsa	Poggi_Castellior	246.833*	Max WS	343.44	56.62		56.96	49.43	0.001699	2.61	132.53	3.59	0.41
Elsa	Poggi_Castellior	246.666*	Max WS	342.89	56.61		56.91	49.38	0.001456	2.45	143.18	3.66	0.38
Elsa	Poggi_Castellior	246.5*	Max WS	341.98	56.59		56.87	49.33	0.001358	2.35	151.49	3.63	0.37
Elsa	Poggi_Castellior	246.333*	Max WS	340.70	56.56		56.83	49.29	0.001364	2.31	157.29	3.51	0.37
Elsa	Poggi_Castellior	246.166*	Max WS	339.21	56.51		56.78	49.25	0.001466	2.31	160.39	3.33	0.38

HEC-RAS Plan: T020d03 Locations: User Defined Profile: Max WS (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	Min Ch El (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Area (m2)	Hydr Radius (m)	Froude # Chl
Elsa	Poggi_Castelfior	246	Max WS	337.58	56.45		56.73	49.20	0.001655	2.35	160.62	3.12	0.40
Elsa	Poggi_Castelfior	245.99		Lat Struct									
Elsa	Poggi_Castelfior	245.9	Max WS	337.52	56.45		56.73	49.20	0.001656	2.35	160.53	3.12	0.40
Elsa	Poggi_Castelfior	244	Max WS	333.62	56.13		56.36	49.36	0.001203	2.11	157.84	3.38	0.34
Elsa	Poggi_Castelfior	243.98		Lat Struct									
Elsa	Poggi_Castelfior	243	Max WS	315.09	56.05		56.25	49.36	0.001143	1.96	161.58	3.04	0.34
Elsa	Poggi_Castelfior	242	Max WS	309.90	55.94		56.06	48.45	0.000563	1.53	203.08	3.58	0.24
Elsa	Poggi_Castelfior	241.59		Lat Struct									
Elsa	Poggi_Castelfior	241	Max WS	335.79	55.60		55.83	48.42	0.001172	2.12	158.30	3.47	0.35
Elsa	Poggi_Castelfior	240.857*	Max WS	335.77	55.55		55.79	48.39	0.001276	2.18	154.23	3.39	0.36
Elsa	Poggi_Castelfior	240.714*	Max WS	335.76	55.51		55.76	48.36	0.001356	2.21	151.81	3.31	0.37
Elsa	Poggi_Castelfior	240.571*	Max WS	335.75	55.47		55.72	48.33	0.001402	2.22	151.19	3.25	0.38
Elsa	Poggi_Castelfior	240.428*	Max WS	335.74	55.43		55.68	48.31	0.001394	2.20	152.47	3.22	0.38
Elsa	Poggi_Castelfior	240.285*	Max WS	335.71	55.41		55.64	48.28	0.001331	2.16	155.73	3.23	0.37
Elsa	Poggi_Castelfior	240.142*	Max WS	335.13	55.39		55.61	48.25	0.001211	2.08	160.98	3.29	0.35
Elsa	Poggi_Castelfior	240	Max WS	335.02	55.37		55.58	48.22	0.001073	1.99	168.05	3.38	0.33
Elsa	Poggi_Castelfior	239	Max WS	349.65	55.27		55.43	47.84	0.000641	1.77	197.49	4.16	0.26
Elsa	Poggi_Castelfior	238.99		Lat Struct									
Elsa	Poggi_Castelfior	238.98		Lat Struct									
Elsa	Poggi_Castelfior	238.88		Lat Struct									
Elsa	Poggi_Castelfior	238	Max WS	348.00	55.00		55.25	48.07	0.001643	2.21	157.12	2.88	0.40
Elsa	Poggi_Castelfior	237	Max WS	347.99	54.92		55.15	48.60	0.001315	2.11	164.78	3.16	0.37
Elsa	Poggi_Castelfior	236	Max WS	348.00	54.98		55.13	48.21	0.000813	1.73	201.07	3.37	0.29
Elsa	Poggi_Castelfior	235	Max WS	347.99	54.93		55.10	47.79	0.001097	1.87	185.80	3.03	0.33
Elsa	Poggi_Castelfior	234	Max WS	347.99	54.93		55.07	47.30	0.000821	1.64	212.76	3.07	0.29
Elsa	Poggi_Castelfior	233	Max WS	344.83	54.81		54.92	48.23	0.000664	1.51	228.82	3.14	0.26
Elsa	Poggi_Castelfior	232	Max WS	341.81	53.88		54.36	48.71	0.003514	3.08	110.97	2.67	0.58
Elsa	Poggi_Castelfior	231	Max WS	345.78	53.66		53.84	47.01	0.001297	1.85	187.40	2.61	0.35
Elsa	Poggi_Castelfior	230.99		Lat Struct									
Elsa	Poggi_Castelfior	230	Max WS	343.04	53.28		53.52	46.02	0.001978	2.15	159.51	2.39	0.42
Elsa	Poggi_Castelfior	228	Max WS	330.50	53.19		53.28	46.35	0.000465	1.38	238.67	3.66	0.23
Elsa	Poggi_Castelfior	227	Max WS	353.57	53.12		53.20	45.96	0.000356	1.21	293.15	3.64	0.20
Elsa	Poggi_Castelfior	226	Max WS	353.54	52.82		52.97	45.51	0.000936	1.71	207.26	2.96	0.31

D03 ore

APE	Profile	Plan	W.S. Elev (m)	SA Min El (m)	SA Volume (1000 m3)
D0	Max WS	T200d03	88.89	87	32.99
D0	Max WS	T100d03	88.14	87	6.71
D0	Max WS	T030d03	87	87	0
D0	Max WS	T020d03	87	87	0
D10a	Max WS	T200d03	75.51	73.5	5.4
D10a	Max WS	T100d03	75.08	73.5	3.45
D10a	Max WS	T030d03	73.5	73.5	0
D10a	Max WS	T020d03	73.5	73.5	0
D10b	Max WS	T200d03	75.61	72	14.84
D10b	Max WS	T100d03	75.14	72	6.96
D10b	Max WS	T030d03	72	72	0
D10b	Max WS	T020d03	72	72	0
D11a	Max WS	T200d03	75.11	71.75	95.46
D11a	Max WS	T100d03	74.59	71.75	57.65
D11a	Max WS	T030d03	72.65	71.75	0.08
D11a	Max WS	T020d03	71.75	71.75	0
D11b	Max WS	T200d03	73.88	66.25	72.18
D11b	Max WS	T100d03	73.43	66.25	42.16
D11b	Max WS	T030d03	71.01	66.25	0.57
D11b	Max WS	T020d03	66.25	66.25	0
D11c	Max WS	T200d03	75.11	73	24.76
D11c	Max WS	T100d03	74.55	73	10.37
D11c	Max WS	T030d03	73	73	0
D11c	Max WS	T020d03	73	73	0
D12a	Max WS	T200d03	74.52	72.5	5.44
D12a	Max WS	T100d03	74.17	72.5	1.49
D12a	Max WS	T030d03	72.5	72.5	0
D12a	Max WS	T020d03	72.5	72.5	0
D12b	Max WS	T200d03	73.86	70	131.67
D12b	Max WS	T100d03	73.4	70	73.14
D12b	Max WS	T030d03	70	70	0
D12b	Max WS	T020d03	70	70	0
D13	Max WS	T200d03	73.57	66.5	13.29
D13	Max WS	T100d03	73.09	66.5	7.24
D13	Max WS	T030d03	66.5	66.5	0
D13	Max WS	T020d03	66.5	66.5	0
D14	Max WS	T200d03	72.97	69.5	47.24
D14	Max WS	T100d03	72.48	69.5	19.23
D14	Max WS	T030d03	71.2	69.5	0.72

D03 ore

D14	Max WS	T020d03	69.5	69.5	0
D15a	Max WS	T200d03	72.31	69	35.92
D15a	Max WS	T100d03	72.02	69	21.14
D15a	Max WS	T030d03	71.49	69	4.07
D15a	Max WS	T020d03	71.18	69	1.04
D15b	Max WS	T200d03	72.03	68	84.47
D15b	Max WS	T100d03	71.68	68	63.49
D15b	Max WS	T030d03	71.02	68	24.79
D15b	Max WS	T020d03	68	68	0
D16	Max WS	T200d03	71.92	69.8	41.69
D16	Max WS	T100d03	71.47	69.8	17.66
D16	Max WS	T030d03	69.8	69.8	0
D16	Max WS	T020d03	69.8	69.8	0
D17a	Max WS	T200d03	71.3	64	227.62
D17a	Max WS	T100d03	70.7	64	144.57
D17a	Max WS	T030d03	69.85	64	35.62
D17a	Max WS	T020d03	65.32	64	0.12
D17b	Max WS	T200d03	70.31	65.8	147.11
D17b	Max WS	T100d03	69.84	65.8	121.8
D17b	Max WS	T030d03	69.09	65.8	82.86
D17b	Max WS	T020d03	67.16	65.8	26.97
D17c	Max WS	T200d03	70.39	68	70.63
D17c	Max WS	T100d03	69.9	68	47.48
D17c	Max WS	T030d03	69.07	68	10.01
D17c	Max WS	T020d03	68	68	0
D17d	Max WS	T200d03	71.03	68	13.13
D17d	Max WS	T100d03	70.58	68	8.54
D17d	Max WS	T030d03	69.51	68	0.49
D17d	Max WS	T020d03	68	68	0
D18	Max WS	T200d03	70.05	65.25	47.51
D18	Max WS	T100d03	69.6	65.25	22.82
D18	Max WS	T030d03	68.98	65.25	8.65
D18	Max WS	T020d03	68.76	65.25	6.12
D19	Max WS	T200d03	64.17	63.5	0.01
D19	Max WS	T100d03	63.5	63.5	0
D19	Max WS	T030d03	63.5	63.5	0
D19	Max WS	T020d03	63.5	63.5	0
D1a	Max WS	T200d03	88.89	83.25	79.56
D1a	Max WS	T100d03	88.33	83.25	36.82

D03 ore

D1a	Max WS	T030d03	83.25	83.25	0
D1a	Max WS	T020d03	86.79	83.25	0.56
D1b	Max WS	T200d03	86.15	82.5	40.84
D1b	Max WS	T100d03	85.81	82.5	17.96
D1b	Max WS	T030d03	82.5	82.5	0
D1b	Max WS	T020d03	82.5	82.5	0
D1c	Max WS	T200d03	85.39	82.75	63.89
D1c	Max WS	T100d03	85.03	82.75	37.42
D1c	Max WS	T030d03	84.29	82.75	7.16
D1c	Max WS	T020d03	83.94	82.75	3.01
D1d	Max WS	T200d03	87.11	82.75	0.23
D1d	Max WS	T100d03	82.75	82.75	0
D1d	Max WS	T030d03	82.75	82.75	0
D1d	Max WS	T020d03	82.75	82.75	0
D2	Max WS	T200d03	82.94	76.75	60.81
D2	Max WS	T100d03	82.59	76.75	35.7
D2	Max WS	T030d03	81.94	76.75	7.6
D2	Max WS	T020d03	76.75	76.75	0
D20	Max WS	T200d03	62	62	0
D20	Max WS	T100d03	62	62	0
D20	Max WS	T030d03	62	62	0
D20	Max WS	T020d03	62	62	0
D21	Max WS	T200d03	61.8	61.8	0
D21	Max WS	T100d03	61.8	61.8	0
D21	Max WS	T030d03	61.8	61.8	0
D21	Max WS	T020d03	61.8	61.8	0
D22	Max WS	T200d03	58.25	58.25	0
D22	Max WS	T100d03	58.25	58.25	0
D22	Max WS	T030d03	58.25	58.25	0
D22	Max WS	T020d03	58.25	58.25	0
D23	Max WS	T200d03	58.8	58.8	0
D23	Max WS	T100d03	58.8	58.8	0
D23	Max WS	T030d03	58.8	58.8	0
D23	Max WS	T020d03	58.8	58.8	0
D24a	Max WS	T200d03	59.53	55	65.31
D24a	Max WS	T100d03	59.45	55	53.96
D24a	Max WS	T030d03	59.27	55	30.71
D24a	Max WS	T020d03	59.16	55	20.71
D24b	Max WS	T200d03	55.25	55.25	0

D03 ore

D24b	Max WS	T100d03	55.25	55.25	0
D24b	Max WS	T030d03	55.25	55.25	0
D24b	Max WS	T020d03	55.25	55.25	0
D25	Max WS	T200d03	59.52	58	20.73
D25	Max WS	T100d03	59.45	58	16.02
D25	Max WS	T030d03	59.25	58	5.36
D25	Max WS	T020d03	59.04	58	1.38
D26a	Max WS	T200d03	57.98	51.25	497.67
D26a	Max WS	T100d03	57.4	51.25	285.96
D26a	Max WS	T030d03	56.62	51.25	69.75
D26a	Max WS	T020d03	56.38	51.25	36.48
D26b	Max WS	T200d03	59.23	54.75	494.9
D26b	Max WS	T100d03	58.86	54.75	343.29
D26b	Max WS	T030d03	58.1	54.75	85.46
D26b	Max WS	T020d03	57.85	54.75	40.66
D27a	Max WS	T200d03	56.98	53.25	125.95
D27a	Max WS	T100d03	56.67	53.25	51.08
D27a	Max WS	T030d03	56.16	53.25	2.64
D27a	Max WS	T020d03	54.64	53.25	0.03
D27b	Max WS	T200d03	58.28	55.75	77.73
D27b	Max WS	T100d03	58.01	55.75	38.52
D27b	Max WS	T030d03	57.17	55.75	0.27
D27b	Max WS	T020d03	55.75	55.75	0
D28a	Max WS	T200d03	55.52	54.5	4.1
D28a	Max WS	T100d03	54.5	54.5	0
D28a	Max WS	T030d03	54.5	54.5	0
D28a	Max WS	T020d03	54.5	54.5	0
D28b	Max WS	T200d03	55.28	52	180.25
D28b	Max WS	T100d03	55.06	52	122.03
D28b	Max WS	T030d03	54.67	52	42.71
D28b	Max WS	T020d03	54.55	52	26.42
D29	Max WS	T200d03	55.91	52	126.78
D29	Max WS	T100d03	55.58	52	76.54
D29	Max WS	T030d03	54.77	52	12.19
D29	Max WS	T020d03	54.34	52	2.38
D3	Max WS	T200d03	82.9	80.5	0.96
D3	Max WS	T100d03	80.5	80.5	0
D3	Max WS	T030d03	80.5	80.5	0
D3	Max WS	T020d03	80.5	80.5	0

D03 ore

D30a	Max WS	T200d03	54.4	50.25	399.63
D30a	Max WS	T100d03	52.65	50.25	29.51
D30a	Max WS	T030d03	50.25	50.25	0
D30a	Max WS	T020d03	50.25	50.25	0
D30b	Max WS	T200d03	52.82	50.5	86.45
D30b	Max WS	T100d03	52.01	50.5	1.78
D30b	Max WS	T030d03	50.5	50.5	0
D30b	Max WS	T020d03	50.5	50.5	0
D4	Max WS	T200d03	80.5	80.5	0
D4	Max WS	T100d03	80.5	80.5	0
D4	Max WS	T030d03	80.5	80.5	0
D4	Max WS	T020d03	80.5	80.5	0
D5	Max WS	T200d03	81.14	76	23.04
D5	Max WS	T100d03	80.85	76	18.51
D5	Max WS	T030d03	80.35	76	12.29
D5	Max WS	T020d03	80.15	76	10.27
D6a	Max WS	T200d03	80.57	77.25	13.81
D6a	Max WS	T100d03	78.9	77.25	0.55
D6a	Max WS	T030d03	77.25	77.25	0
D6a	Max WS	T020d03	77.25	77.25	0
D6b	Max WS	T200d03	79.02	75.75	0.95
D6b	Max WS	T100d03	75.75	75.75	0
D6b	Max WS	T030d03	75.75	75.75	0
D6b	Max WS	T020d03	75.75	75.75	0
D7a	Max WS	T200d03	79.42	76	16.65
D7a	Max WS	T100d03	79.24	76	12.84
D7a	Max WS	T030d03	78.94	76	7.25
D7a	Max WS	T020d03	78.79	76	4.65
D7b	Max WS	T200d03	79.32	75	64.12
D7b	Max WS	T100d03	78.86	75	49.48
D7b	Max WS	T030d03	77.33	75	10.13
D7b	Max WS	T020d03	76.75	75	2.37
D8a	Max WS	T200d03	77.59	73.75	89.22
D8a	Max WS	T100d03	77.21	73.75	64.01
D8a	Max WS	T030d03	76.4	73.75	17.15
D8a	Max WS	T020d03	73.75	73.75	0
D8b	Max WS	T200d03	76.06	74.25	50.64
D8b	Max WS	T100d03	75.82	74.25	38.75
D8b	Max WS	T030d03	75.03	74.25	5.37
D8b	Max WS	T020d03	74.25	74.25	0

D03 ore

D8c	Max WS	T200d03	75.89	73	8.75
D8c	Max WS	T100d03	75.46	73	4.89
D8c	Max WS	T030d03	74.63	73	0.18
D8c	Max WS	T020d03	73	73	0
D9	Max WS	T200d03	75.61	74	2.3
D9	Max WS	T100d03	75.14	74	0.49
D9	Max WS	T030d03	74	74	0
D9	Max WS	T020d03	74	74	0
S1	Max WS	T200d03	90.43	87	50.57
S1	Max WS	T100d03	89.82	87	21.04
S1	Max WS	T030d03	87	87	0
S1	Max WS	T020d03	87	87	0
S10a	Max WS	T200d03	69.01	64.75	311.49
S10a	Max WS	T100d03	68.57	64.75	210.27
S10a	Max WS	T030d03	68.01	64.75	83.29
S10a	Max WS	T020d03	67.85	64.75	58.41
S10b	Max WS	T200d03	68.39	66.5	37.96
S10b	Max WS	T100d03	68.1	66.5	24.59
S10b	Max WS	T030d03	67.72	66.5	11.7
S10b	Max WS	T020d03	67.61	66.5	8.91
S11a	Max WS	T200d03	68.37	65.5	42.2
S11a	Max WS	T100d03	68.09	65.5	32.76
S11a	Max WS	T030d03	67.7	65.5	19.98
S11a	Max WS	T020d03	67.6	65.5	16.48
S11b	Max WS	T200d03	68.04	63	113.67
S11b	Max WS	T100d03	67.77	63	98.98
S11b	Max WS	T030d03	67.32	63	75.2
S11b	Max WS	T020d03	67.17	63	67.22
S11c	Max WS	T200d03	68.37	66	60.05
S11c	Max WS	T100d03	68.09	66	44.63
S11c	Max WS	T030d03	67.71	66	26.94
S11c	Max WS	T020d03	67.6	66	22.69
S11d	Max WS	T200d03	68.16	63.25	178.93
S11d	Max WS	T100d03	67.86	63.25	129.55
S11d	Max WS	T030d03	67.35	63.25	67.38
S11d	Max WS	T020d03	67.13	63.25	47.57
S12	Max WS	T200d03	66.84	60.75	131.33
S12	Max WS	T100d03	66.41	60.75	89.48
S12	Max WS	T030d03	65.84	60.75	47.58

D03 ore

S12	Max WS	T020d03	65.66	60.75	37.29
S13a	Max WS	T200d03	65	62.25	118.73
S13a	Max WS	T100d03	64.47	62.25	81.71
S13a	Max WS	T030d03	63.65	62.25	29.23
S13a	Max WS	T020d03	63.47	62.25	18.93
S13b	Max WS	T200d03	62.56	58.5	121.73
S13b	Max WS	T100d03	62.21	58.5	84.64
S13b	Max WS	T030d03	61.59	58.5	26.43
S13b	Max WS	T020d03	61.37	58.5	11.73
S14a	Max WS	T200d03	61.34	58	116.17
S14a	Max WS	T100d03	61.02	58	86
S14a	Max WS	T030d03	60.42	58	34.81
S14a	Max WS	T020d03	60.3	58	25.4
S14b	Max WS	T200d03	60.05	54.5	87.67
S14b	Max WS	T100d03	59.72	54.5	58.89
S14b	Max WS	T030d03	58.99	54.5	12.93
S14b	Max WS	T020d03	58.68	54.5	5.08
S15	Max WS	T200d03	58.31	52.25	185.76
S15	Max WS	T100d03	57.87	52.25	105.62
S15	Max WS	T030d03	57.25	52.25	27.36
S15	Max WS	T020d03	57.09	52.25	19.25
S16a	Max WS	T200d03	57.21	52.25	77.6
S16a	Max WS	T100d03	56.8	52.25	52.91
S16a	Max WS	T030d03	56.18	52.25	20.38
S16a	Max WS	T020d03	55.99	52.25	12.32
S16b	Max WS	T200d03	56.67	49.5	149.28
S16b	Max WS	T100d03	56.27	49.5	110.26
S16b	Max WS	T030d03	55.56	49.5	52.45
S16b	Max WS	T020d03	55.38	49.5	39.34
S16c	Max WS	T200d03	56.01	52	551.62
S16c	Max WS	T100d03	55.62	52	446.67
S16c	Max WS	T030d03	54.47	52	156.58
S16c	Max WS	T020d03	53.95	52	61.79
S17	Max WS	T200d03	51.71	50	121.31
S17	Max WS	T100d03	50	50	0
S17	Max WS	T030d03	50	50	0
S17	Max WS	T020d03	50	50	0
S2a	Max WS	T200d03	89.49	82.75	16.27
S2a	Max WS	T100d03	89.09	82.75	7.3
S2a	Max WS	T030d03	82.75	82.75	0
S2a	Max WS	T020d03	82.75	82.75	0
S2b	Max WS	T200d03	88.77	85	57.17
S2b	Max WS	T100d03	88.24	85	33.53
S2b	Max WS	T030d03	87.18	85	5.32
S2b	Max WS	T020d03	86.62	85	0.9
S2c	Max WS	T200d03	85.27	83.75	5.69

D03 ore

S2c	Max WS	T100d03	84.55	83.75	0.27
S2c	Max WS	T030d03	83.75	83.75	0
S2c	Max WS	T020d03	83.75	83.75	0
S2d	Max WS	T200d03	87.55	83.75	23.78
S2d	Max WS	T100d03	86.62	83.75	2.88
S2d	Max WS	T030d03	83.75	83.75	0
S2d	Max WS	T020d03	83.75	83.75	0
S3a	Max WS	T200d03	84.93	80.25	403.31
S3a	Max WS	T100d03	84.36	80.25	277.16
S3a	Max WS	T030d03	80.25	80.25	0.15
S3a	Max WS	T020d03	80.25	80.25	0
S3b	Max WS	T200d03	83.53	80.25	61.39
S3b	Max WS	T100d03	83.1	80.25	30.4
S3b	Max WS	T030d03	81.76	80.25	0.14
S3b	Max WS	T020d03	80.25	80.25	0
S4a	Max WS	T200d03	79	79	0
S4a	Max WS	T100d03	79	79	0
S4a	Max WS	T030d03	79	79	0
S4a	Max WS	T020d03	79	79	0
S4b	Max WS	T200d03	79.7	75	185.71
S4b	Max WS	T100d03	79.27	75	91.89
S4b	Max WS	T030d03	78.91	75	39.96
S4b	Max WS	T020d03	78.77	75	24.96
S4c	Max WS	T200d03	82	82	0
S4c	Max WS	T100d03	82	82	0
S4c	Max WS	T030d03	82	82	0
S4c	Max WS	T020d03	82	82	0
S4d	Max WS	T200d03	79.7	79	0.58
S4d	Max WS	T100d03	79.27	79	0.22
S4d	Max WS	T030d03	79	79	0
S4d	Max WS	T020d03	79	79	0
S5a	Max WS	T200d03	78.95	74.5	757.16
S5a	Max WS	T100d03	78.53	74.5	530.88
S5a	Max WS	T030d03	77.96	74.5	276.82
S5a	Max WS	T020d03	77.74	74.5	202.52
S5b	Max WS	T200d03	78.95	76	28.95
S5b	Max WS	T100d03	78.53	76	15.42
S5b	Max WS	T030d03	77.96	76	5.44
S5b	Max WS	T020d03	77.74	76	3.43
S6a	Max WS	T200d03	78.1	74.25	193.91
S6a	Max WS	T100d03	77.81	74.25	166.48
S6a	Max WS	T030d03	77.34	74.25	121.93
S6a	Max WS	T020d03	77.13	74.25	101.65
S6b	Max WS	T200d03	76.51	73	142.52
S6b	Max WS	T100d03	76.06	73	92.43
S6b	Max WS	T030d03	75.36	73	33.83
S6b	Max WS	T020d03	75.07	73	17.93

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S6c	Max WS	T200d03	77.23	73.5	111.27
S6c	Max WS	T100d03	76.92	73.5	90.86
S6c	Max WS	T030d03	76.36	73.5	54.59
S6c	Max WS	T020d03	76.05	73.5	34.95
S7a	Max WS	T200d03	75.48	67.5	198.13
S7a	Max WS	T100d03	75.18	67.5	151.68
S7a	Max WS	T030d03	74.56	67.5	73.72
S7a	Max WS	T020d03	74.3	67.5	51.92
S7b	Max WS	T200d03	74.19	70	30.29
S7b	Max WS	T100d03	73.89	70	17.98
S7b	Max WS	T030d03	71.72	70	0.1
S7b	Max WS	T020d03	70	70	0
S8	Max WS	T200d03	73.65	66	138.45
S8	Max WS	T100d03	73.29	66	99.23
S8	Max WS	T030d03	72.11	66	8.8
S8	Max WS	T020d03	66	66	0
S9a	Max WS	T200d03	72.27	67.75	50.16
S9a	Max WS	T100d03	72.01	67.75	35.29
S9a	Max WS	T030d03	69.63	67.75	0.27
S9a	Max WS	T020d03	67.75	67.75	0
S9b	Max WS	T200d03	71.9	66.25	194.49
S9b	Max WS	T100d03	71.58	66.25	144.67
S9b	Max WS	T030d03	68.97	66.25	0.35
S9b	Max WS	T020d03	66.25	66.25	0
S9c	Max WS	T200d03	71.71	65	83.3
S9c	Max WS	T100d03	71.44	65	69.37
S9c	Max WS	T030d03	65	65	0
S9c	Max WS	T020d03	65	65	0

























































































































































