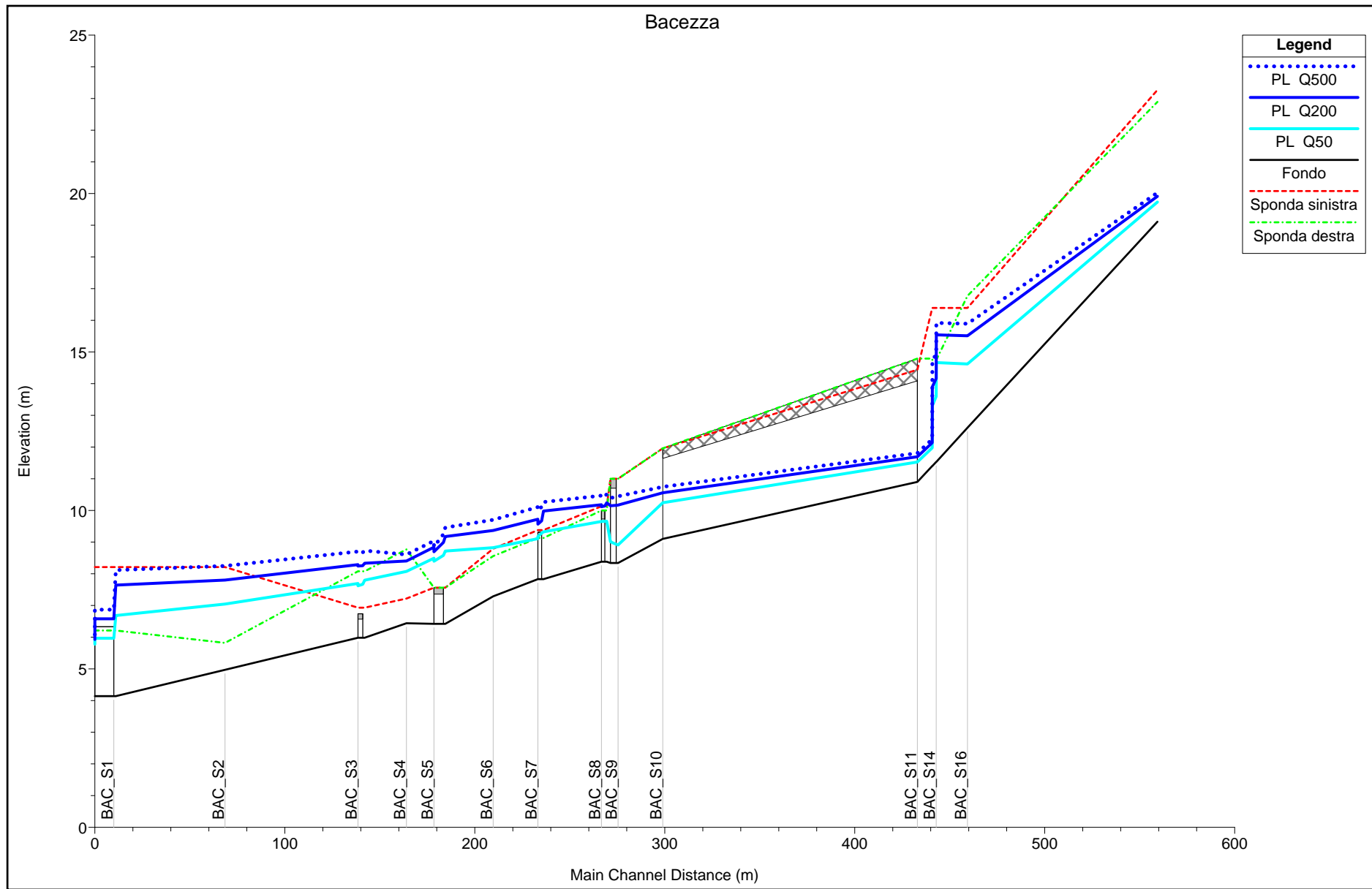


Allegato C

Verifiche idrauliche

Rio Bacezza

- Profilo longitudinale
- Sezioni trasversali
- Tabelle di calcolo



HEC-RAS Plan: Bacezza River: Rio Bacezza Reach: Rio Bacezza

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl	
Rio Bacezza	16	BAC_S16	Q50	9.50	12.61	16.39	1.77	16.77	2.15	14.62	13.70	14.78	0.002651	1.78	5.35	2.66	0.40
Rio Bacezza	16	BAC_S16	Q200	13.70	12.61	16.39	0.88	16.77	1.26	15.51	14.01	15.66	0.002271	1.70	8.04	3.70	0.37
Rio Bacezza	16	BAC_S16	Q500	16.50	12.61	16.39	0.50	16.77	0.88	15.89	14.19	16.05	0.002134	1.75	9.44	3.70	0.35
Rio Bacezza	15	BAC_S15	Q50	9.50	11.53	16.39	1.73	14.75	0.09	14.66	12.62	14.73	0.000923	1.12	8.47	3.20	0.22
Rio Bacezza	15	BAC_S15	Q200	13.70	11.53	16.39	0.85	14.75	-0.79	15.54	12.92	15.61	0.000948	1.20	11.39	3.70	0.22
Rio Bacezza	15	BAC_S15	Q500	16.50	11.53	16.39	0.47	14.75	-1.17	15.92	13.10	16.00	0.001016	1.29	12.79	3.70	0.22
Rio Bacezza	14	BAC_S14	Q50	9.50	11.53	16.39	2.79	14.75	1.15	13.60	13.60	14.63	0.041793	4.51	2.11	1.02	1.00
Rio Bacezza	14	BAC_S14	Q200	13.70	11.53	16.39	2.22	14.75	0.58	14.17	14.17	15.49	0.050401	5.09	2.69	1.02	1.00
Rio Bacezza	14	BAC_S14	Q500	16.50	11.53	16.39	1.45	14.75	-0.20	14.94	14.79	15.91	0.034973	4.36	3.78	1.60	0.90
Rio Bacezza	13	BAC_S13	Q50	9.50	11.40	16.39	3.09	14.75	1.45	13.30	13.46	14.52	0.050549	4.90	1.94	1.02	1.13
Rio Bacezza	13	BAC_S13	Q200	13.70	11.40	16.39	2.49	14.75	0.85	13.90	14.04	15.37	0.056759	5.37	2.55	1.02	1.09
Rio Bacezza	13	BAC_S13	Q500	16.50	11.40	16.39	1.68	14.75	0.04	14.71	14.71	15.82	0.042005	4.65	3.55	1.60	1.00
Rio Bacezza	12	BAC_S12	Q50	9.50	11.40	16.39	4.42	14.79	2.82	11.97	12.56	14.39	0.104662	6.89	1.38	2.40	2.90
Rio Bacezza	12	BAC_S12	Q200	13.70	11.40	16.39	4.25	14.79	2.65	12.14	12.89	15.20	0.106937	7.75	1.77	2.40	2.89
Rio Bacezza	12	BAC_S12	Q500	16.50	11.40	16.39	4.14	14.79	2.54	12.25	13.08	15.59	0.103838	8.09	2.04	2.40	2.81
Rio Bacezza	11	BAC_S11	Q50	9.50	10.90	14.09	2.56	14.09	2.56	11.53	12.07	13.56	0.081278	6.31	1.50	2.40	2.55
Rio Bacezza	11	BAC_S11	Q200	13.70	10.90	14.09	2.40	14.09	2.40	11.69	12.39	14.33	0.086632	7.20	1.90	2.40	2.58
Rio Bacezza	11	BAC_S11	Q500	16.50	10.90	14.09	2.28	14.09	2.28	11.81	12.59	14.72	0.086154	7.57	2.18	2.40	2.54
Rio Bacezza	10	BAC_S10	Q50	9.50	9.10	11.64	1.40	11.64	1.40	10.24	10.24	10.81	0.013871	3.34	2.85	2.49	1.00
Rio Bacezza	10	BAC_S10	Q200	13.70	9.10	11.64	1.08	11.64	1.08	10.56	10.56	11.28	0.015133	3.77	3.63	2.50	1.00
Rio Bacezza	10	BAC_S10	Q500	16.50	9.10	11.64	0.89	11.64	0.89	10.75	10.75	11.57	0.015973	4.02	4.10	2.50	1.00
Rio Bacezza	9.2	BAC_S9	Q50	9.50	8.34	11.00	2.09	11.00	2.09	8.91	9.28	10.18	0.048738	4.99	1.90	3.34	2.11
Rio Bacezza	9.2	BAC_S9	Q200	13.70	8.34	11.00	0.83	11.00	0.83	10.17	9.53	10.42	0.003980	2.24	6.11	3.66	0.55
Rio Bacezza	9.2	BAC_S9	Q500	16.50	8.34	11.00	0.55	11.00	0.55	10.45	9.69	10.71	0.003904	2.28	7.25	4.40	0.57
Rio Bacezza	9.1	BAC_S9		Bridge													
Rio Bacezza	9	BAC_S9	Q50	9.50	8.34	11.00	1.99	11.00	1.99	9.01	9.28	9.93	0.030390	4.26	2.23	3.34	1.66
Rio Bacezza	9	BAC_S9	Q200	13.70	8.34	11.00	0.85	11.00	0.85	10.15	9.53	10.41	0.004115	2.27	6.04	3.65	0.56
Rio Bacezza	9	BAC_S9	Q500	16.50	8.34	11.00	0.59	11.00	0.59	10.41	9.69	10.69	0.004131	2.33	7.09	4.34	0.58
Rio Bacezza	8.2	BAC_S8	Q50	9.50	8.38	10.13	0.47	10.00	0.34	9.66	9.12	9.79	0.002005	1.58	6.01	4.70	0.45
Rio Bacezza	8.2	BAC_S8	Q200	13.70	8.38	10.13	-0.11	10.00	-0.24	10.24	9.33	10.36	0.001352	1.55	9.03	6.28	0.36
Rio Bacezza	8.2	BAC_S8	Q500	16.50	8.38	10.13	-0.38	10.00	-0.51	10.51	9.46	10.64	0.001198	1.60	10.82	6.95	0.35
Rio Bacezza	8.1	BAC_S8		Bridge													
Rio Bacezza	8	BAC_S8	Q50	9.50	8.38	10.13	0.48	10.00	0.35	9.65	9.12	9.78	0.002036	1.59	5.98	4.70	0.45
Rio Bacezza	8	BAC_S8	Q200	13.70	8.38	10.13	-0.05	10.00	-0.18	10.18	9.33	10.31	0.001527	1.61	8.65	6.12	0.38
Rio Bacezza	8	BAC_S8	Q500	16.50	8.38	10.13	-0.34	10.00	-0.47	10.47	9.46	10.60	0.001288	1.64	10.53	6.85	0.36
Rio Bacezza	7.2	BAC_S7	Q50	9.50	7.83	9.38	0.06	9.13	-0.19	9.32	9.11	9.65	0.007648	2.62	3.87	3.63	0.72
Rio Bacezza	7.2	BAC_S7	Q200	13.70	7.83	9.38	-0.60	9.13	-0.85	9.98	9.44	10.23	0.003616	2.33	6.47	4.00	0.53
Rio Bacezza	7.2	BAC_S7	Q500	16.50	7.83	9.38	-0.88	9.13	-1.13	10.26	9.59	10.53	0.003240	2.41	7.62	4.00	0.51

HEC-RAS Plan: Bacezza River: Rio Bacezza Reach: Rio Bacezza (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Rio Bacezza	7.1 BAC_S7		Bridge													
Rio Bacezza	7 BAC_S7	Q50	9.50	7.83	9.38	0.27	9.13	0.02	9.11	9.11	9.61	0.012973	3.21	3.12	3.20	0.91
Rio Bacezza	7 BAC_S7	Q200	13.70	7.83	9.38	-0.34	9.13	-0.59	9.72	9.44	10.07	0.006003	2.74	5.45	4.00	0.67
Rio Bacezza	7 BAC_S7	Q500	16.50	7.83	9.38	-0.73	9.13	-0.98	10.11	9.59	10.42	0.004198	2.61	6.98	4.00	0.58
Rio Bacezza	6 BAC_S6	Q50	9.50	7.29	8.79	-0.04	8.56	-0.27	8.83	8.58	9.28	0.010052	2.97	3.19	2.10	0.77
Rio Bacezza	6 BAC_S6	Q200	13.70	7.29	8.79	-0.58	8.56	-0.81	9.37	8.93	9.88	0.009825	3.16	4.33	2.10	0.70
Rio Bacezza	6 BAC_S6	Q500	16.50	7.29	8.79	-0.91	8.56	-1.14	9.70	9.15	10.25	0.009903	3.27	5.04	2.10	0.67
Rio Bacezza	5.2 BAC_S5	Q50	9.50	6.42	7.56	-1.16	7.56	-1.16	8.72	7.91	9.02	0.006873	2.45	3.88	1.71	0.52
Rio Bacezza	5.2 BAC_S5	Q200	13.70	6.42	7.56	-1.61	7.56	-1.61	9.17	8.32	9.62	0.009346	2.94	4.66	1.71	0.57
Rio Bacezza	5.2 BAC_S5	Q500	16.50	6.42	7.56	-1.90	7.56	-1.90	9.46	8.57	9.98	0.010788	3.20	5.15	1.71	0.59
Rio Bacezza	5.1 BAC_S5		Bridge													
Rio Bacezza	5 BAC_S5	Q50	9.50	6.42	7.56	-0.93	7.56	-0.93	8.49	7.91	8.87	0.008794	2.72	3.49	1.71	0.61
Rio Bacezza	5 BAC_S5	Q200	13.70	6.42	7.56	-1.28	7.56	-1.28	8.84	8.32	9.41	0.012669	3.35	4.09	1.71	0.69
Rio Bacezza	5 BAC_S5	Q500	16.50	6.42	7.56	-1.48	7.56	-1.48	9.04	8.57	9.75	0.015272	3.73	4.42	1.71	0.74
Rio Bacezza	4 BAC_S4	Q50	9.50	6.44	7.22	-0.85	8.77	0.70	8.07	8.07	8.67	0.017627	3.51	2.77	2.29	0.90
Rio Bacezza	4 BAC_S4	Q200	13.70	6.44	7.22	-1.18	8.77	0.36	8.41	8.41	9.17	0.019127	3.92	3.54	2.30	0.91
Rio Bacezza	4 BAC_S4	Q500	16.50	6.44	7.22	-1.39	8.77	0.16	8.61	8.61	9.47	0.020048	4.15	4.00	2.30	0.92
Rio Bacezza	3.1 BAC_S3	Q50	9.50	5.98	6.93	-0.87	8.08	0.28	7.80	7.36	7.95	0.003320	1.66	5.42	4.40	0.39
Rio Bacezza	3.1 BAC_S3	Q200	13.70	5.98	6.93	-1.40	8.08	-0.25	8.33	7.56	8.50	0.002383	1.54	7.78	4.40	0.32
Rio Bacezza	3.1 BAC_S3	Q500	16.50	5.98	6.93	-1.80	8.08	-0.65	8.73	7.69	8.89	0.001922	1.46	9.55	4.40	0.28
Rio Bacezza	3.05 BAC_S3		Bridge													
Rio Bacezza	3 BAC_S3	Q50	9.50	5.98	6.93	-0.76	8.08	0.39	7.69	7.36	7.88	0.004292	1.85	4.98	4.40	0.45
Rio Bacezza	3 BAC_S3	Q200	13.70	5.98	6.93	-1.36	8.08	-0.21	8.29	7.56	8.46	0.002567	1.59	7.58	4.40	0.33
Rio Bacezza	3 BAC_S3	Q500	16.50	5.98	6.93	-1.77	8.08	-0.62	8.70	7.69	8.87	0.002006	1.48	9.40	4.40	0.29
Rio Bacezza	2 BAC_S2	Q50	9.50	4.97	8.21	1.17	5.82	-1.22	7.04	6.72	7.43	0.009813	2.69	3.48	2.25	0.62
Rio Bacezza	2 BAC_S2	Q200	13.70	4.97	8.21	0.41	5.82	-1.98	7.80	7.05	8.16	0.007230	2.55	5.18	2.26	0.50
Rio Bacezza	2 BAC_S2	Q500	16.50	4.97	8.21	-0.04	5.82	-2.43	8.25	7.26	8.61	0.006716	2.56	6.19	2.26	0.46
Rio Bacezza	1.1 BAC_S1	Q50	9.50	4.14	8.21	1.53	6.21	-0.47	6.68	6.05	6.95	0.006146	2.35	4.23	2.94	0.52
Rio Bacezza	1.1 BAC_S1	Q200	13.70	4.14	8.21	0.57	6.21	-1.43	7.64	6.58	7.84	0.003329	2.02	7.05	2.94	0.37
Rio Bacezza	1.1 BAC_S1	Q500	16.50	4.14	8.21	0.10	6.21	-1.90	8.11	6.76	8.31	0.003030	2.02	8.44	2.94	0.35
Rio Bacezza	1.05 BAC_S1		Bridge													
Rio Bacezza	1 BAC_S1	Q50	9.50	4.14	8.21	2.43	6.21	0.43	5.78	6.05	6.85	0.035548	4.60	2.07	1.79	1.37
Rio Bacezza	1 BAC_S1	Q200	13.70	4.14	8.21	2.28	6.21	0.28	5.93	6.58	7.68	0.053718	5.87	2.34	1.79	1.64
Rio Bacezza	1 BAC_S1	Q500	16.50	4.14	8.21	2.13	6.21	0.13	6.08	6.76	8.12	0.058546	6.32	2.61	1.79	1.67

