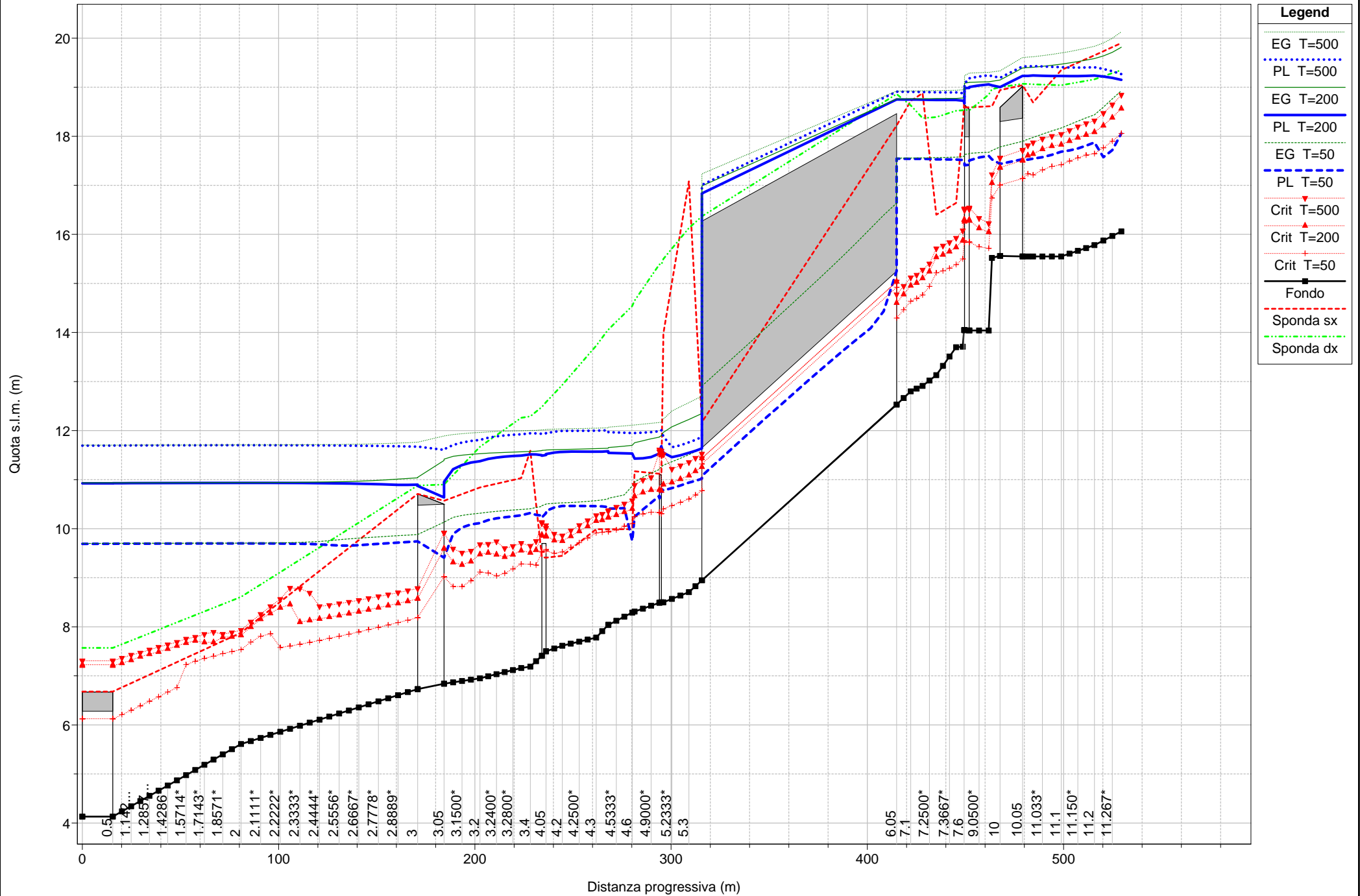


Verifiche idrauliche Rio Lavadore

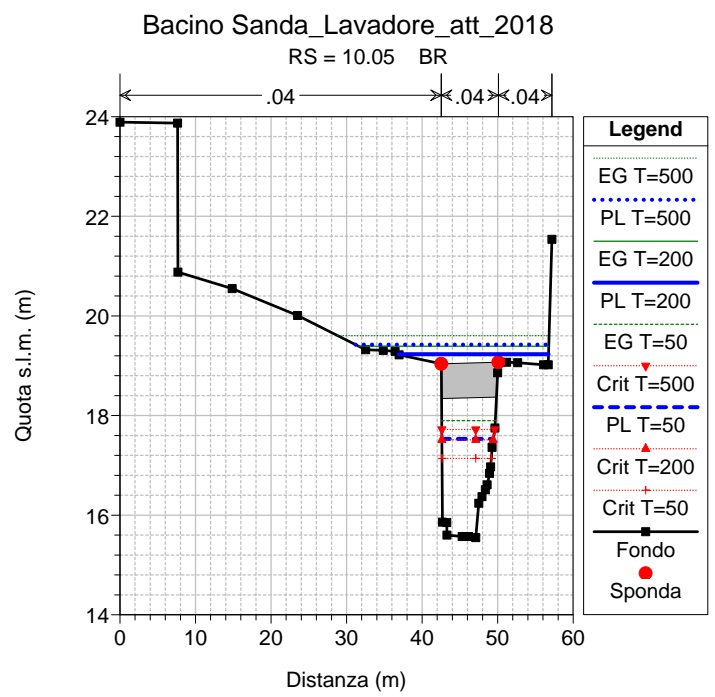
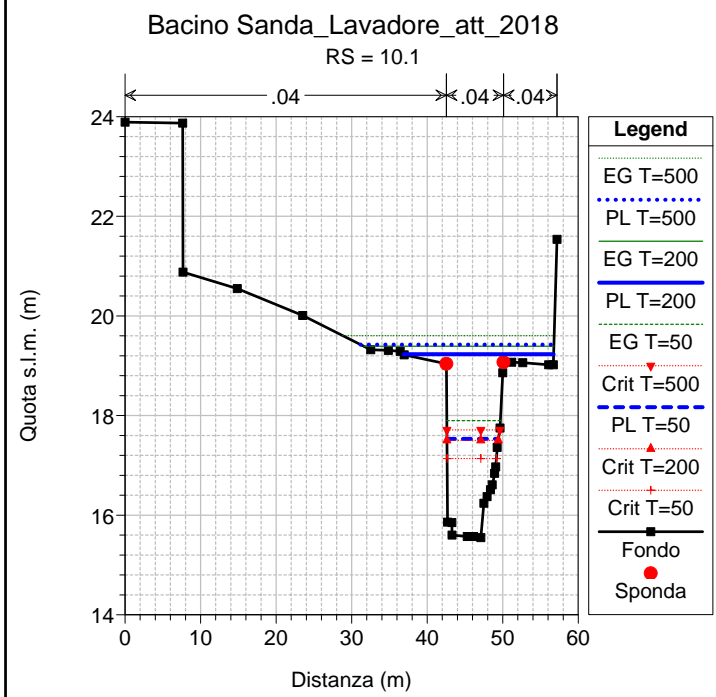
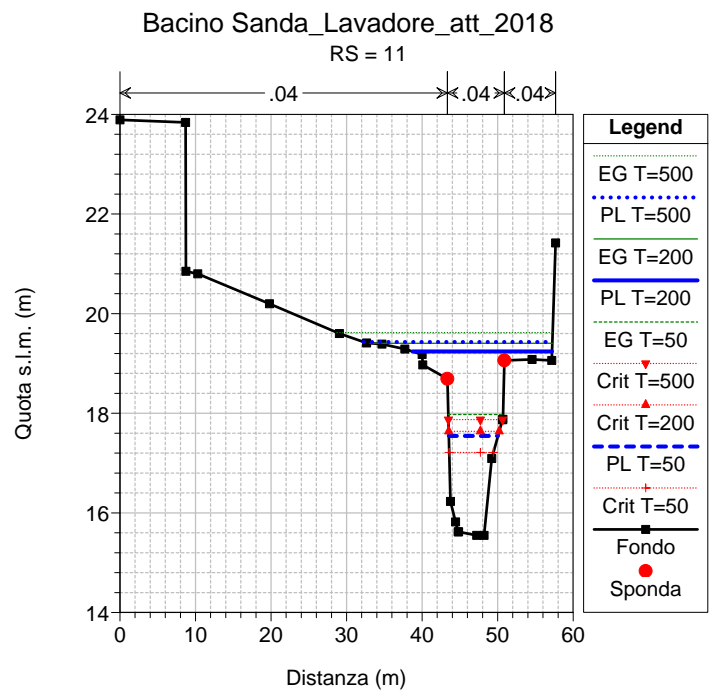
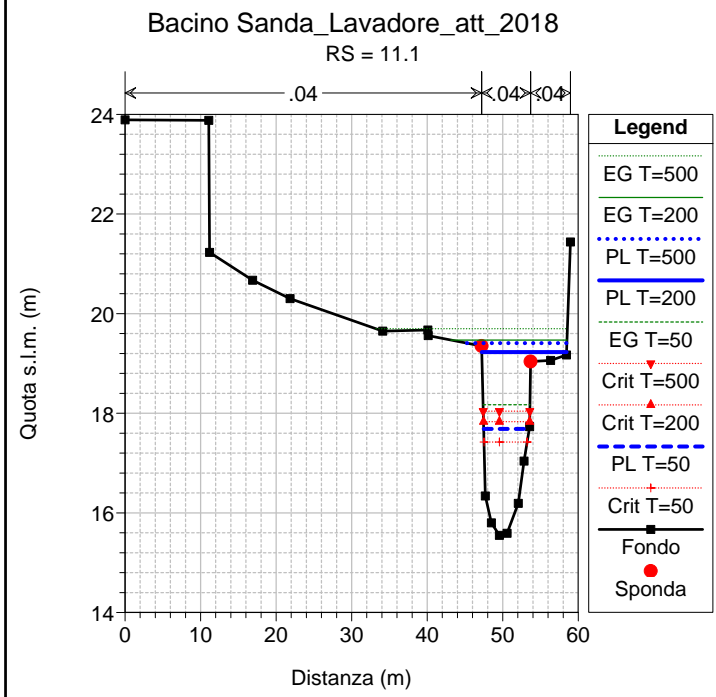
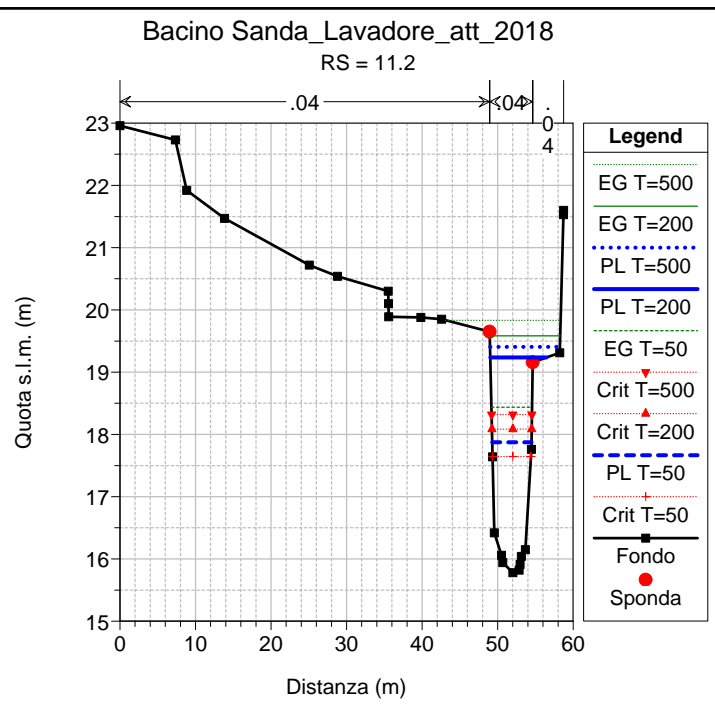
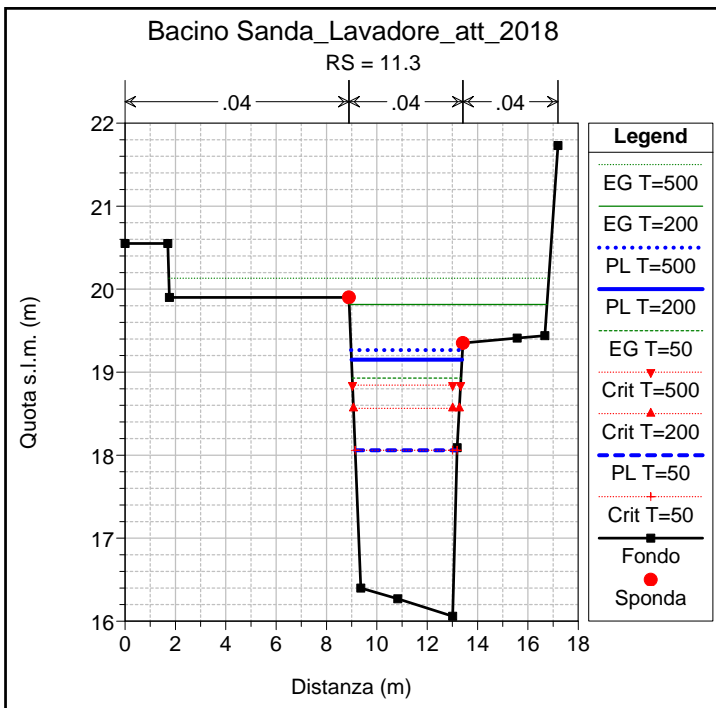
Sez. 0 – 11.3

- Profilo longitudinale
- Sezioni trasversali
- Tabelle dei risultati

Bacino Sanda_Lavadore_att_2018

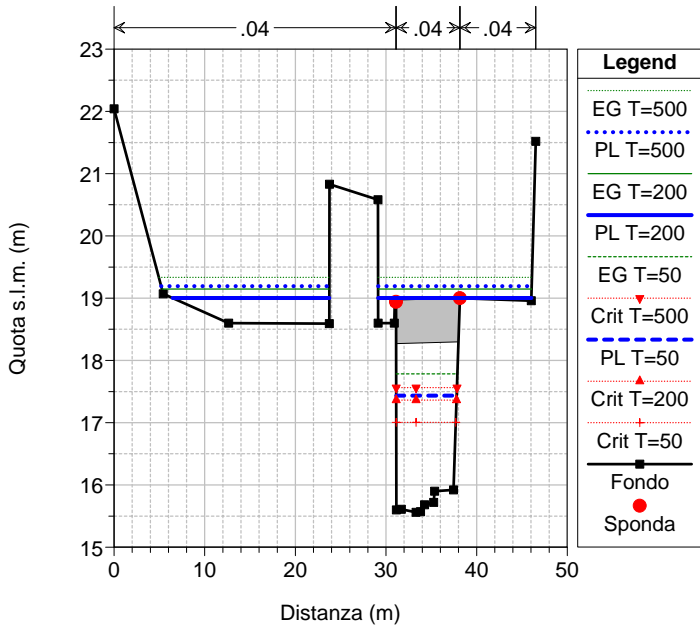


1 cm Horiz. = 25 m 1 cm Vert. = 1 m



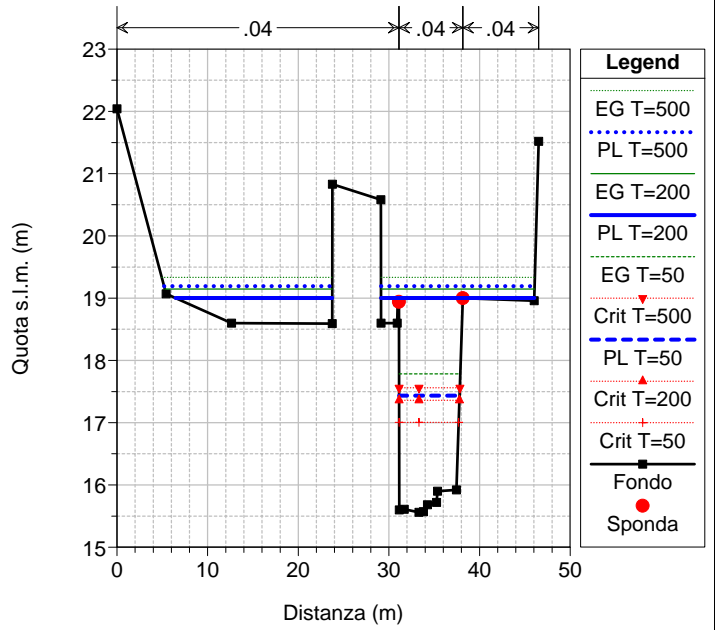
Bacino Sanda_Lavadore_att_2018

RS = 10.05 BR



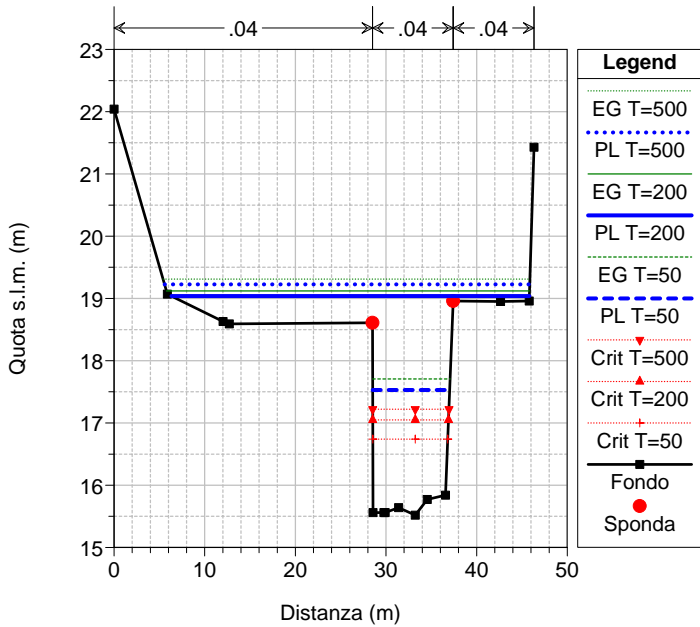
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RS = 10



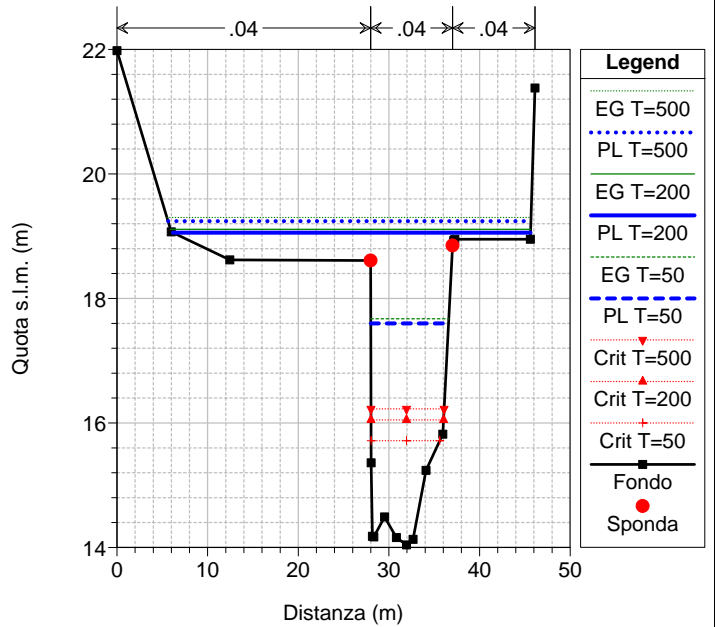
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RS = 9.2



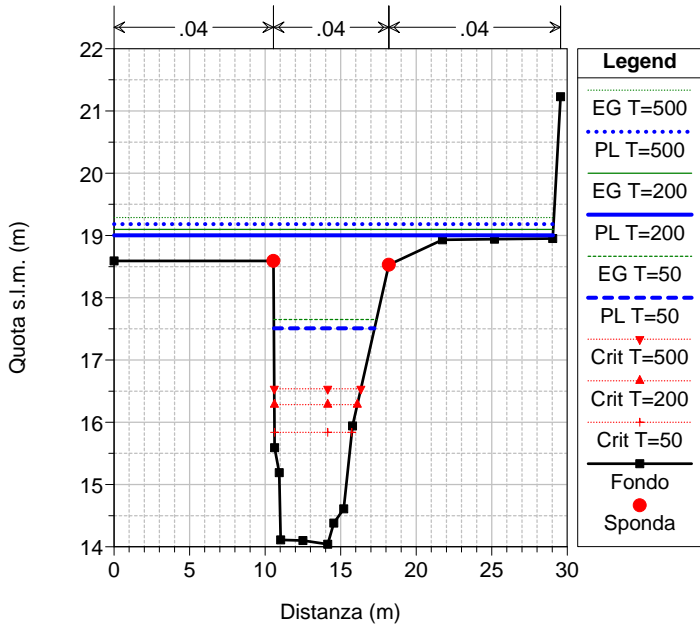
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RS = 9.1



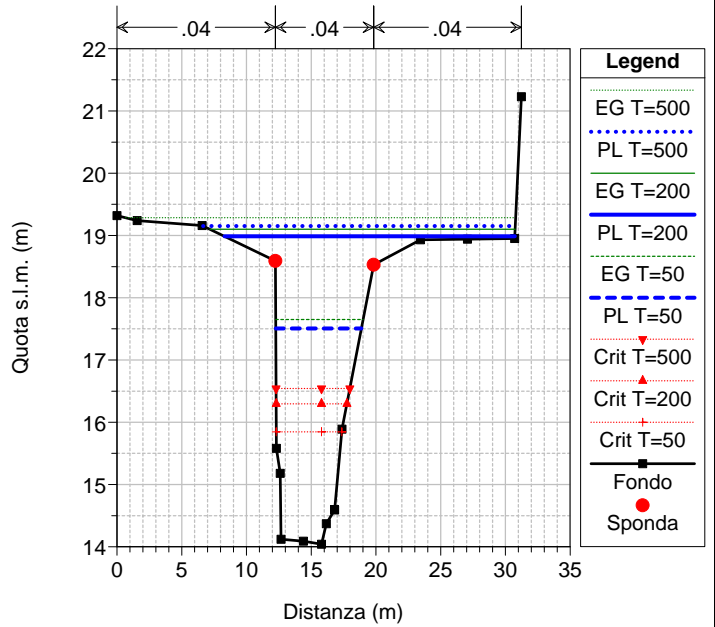
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RS = 9



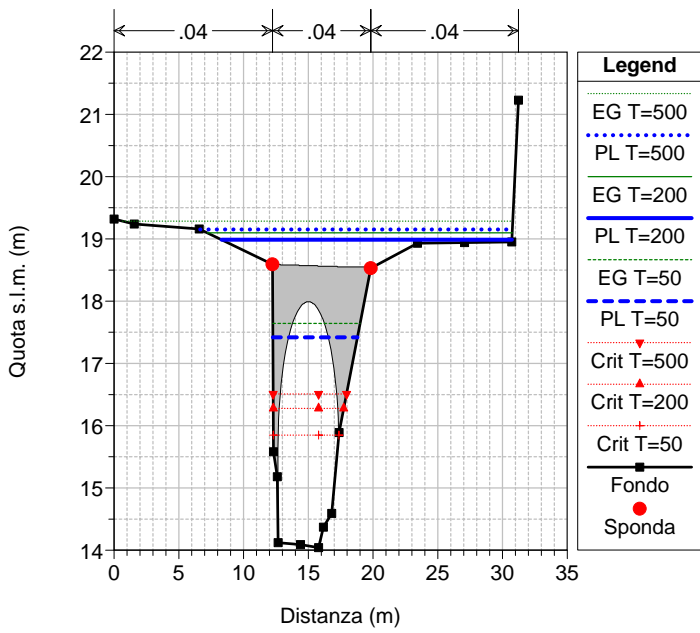
Bacino Sanda_Lavadore_att_2018

RS = 8.1



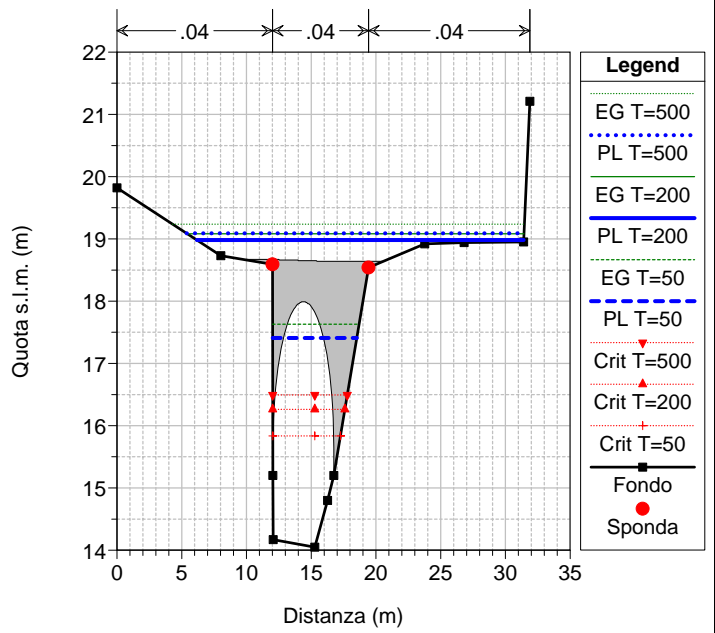
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RS = 8.05 BR



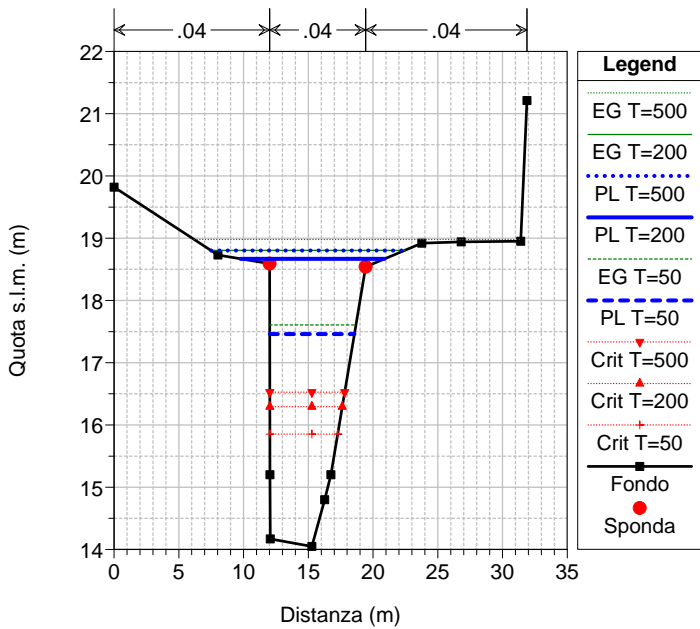
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RS = 8.05 BR



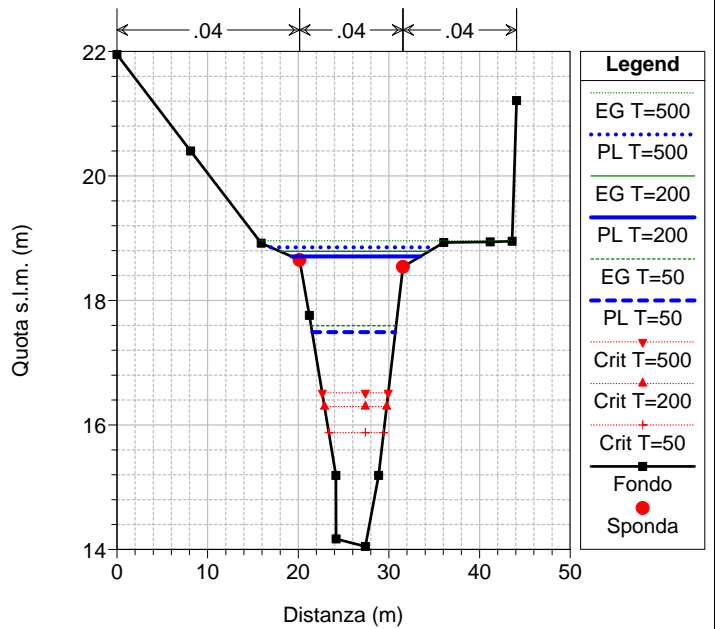
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RS = 8



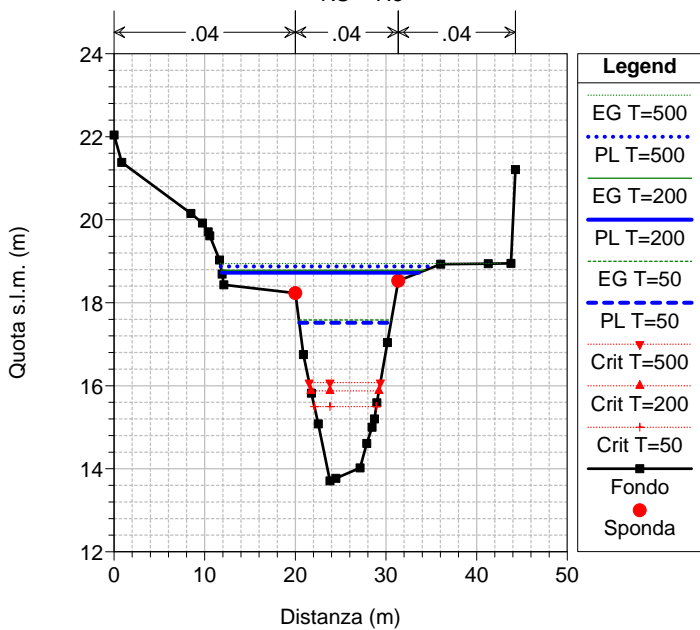
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RS = 7.6



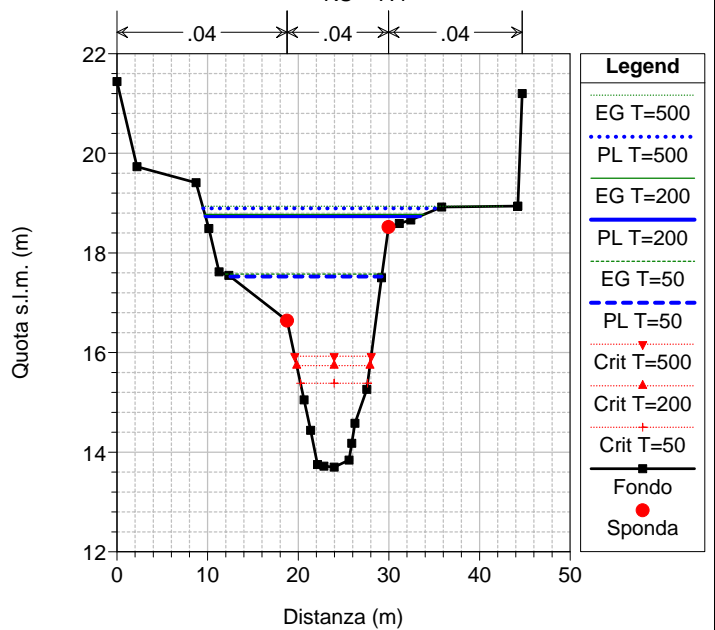
Bacino Sanda_Lavadore_att_2018

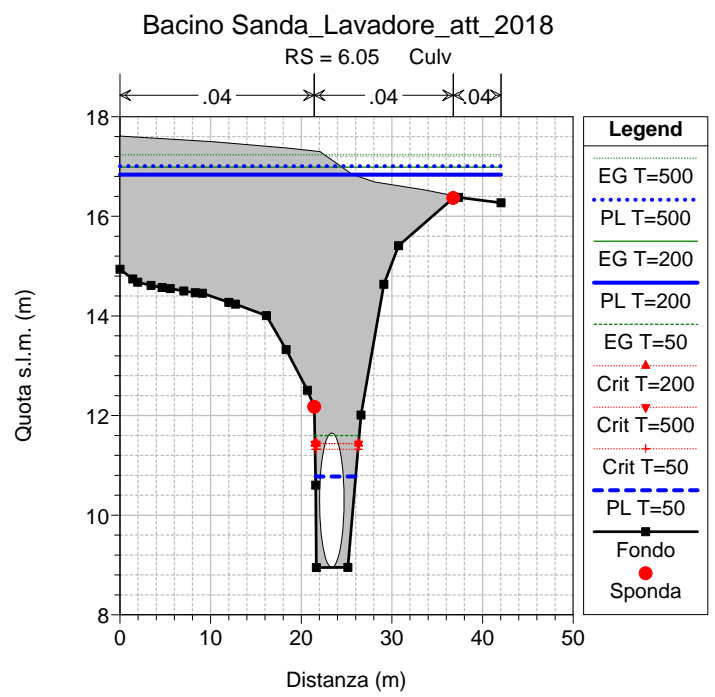
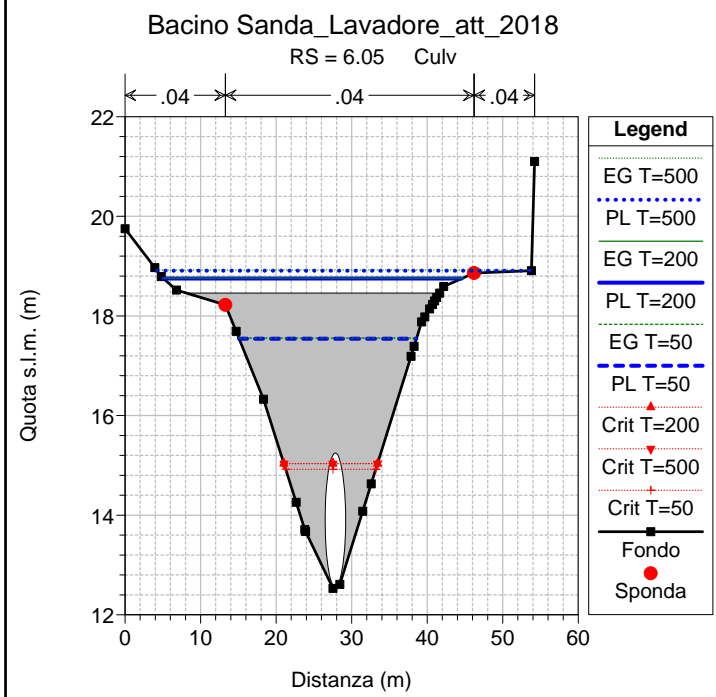
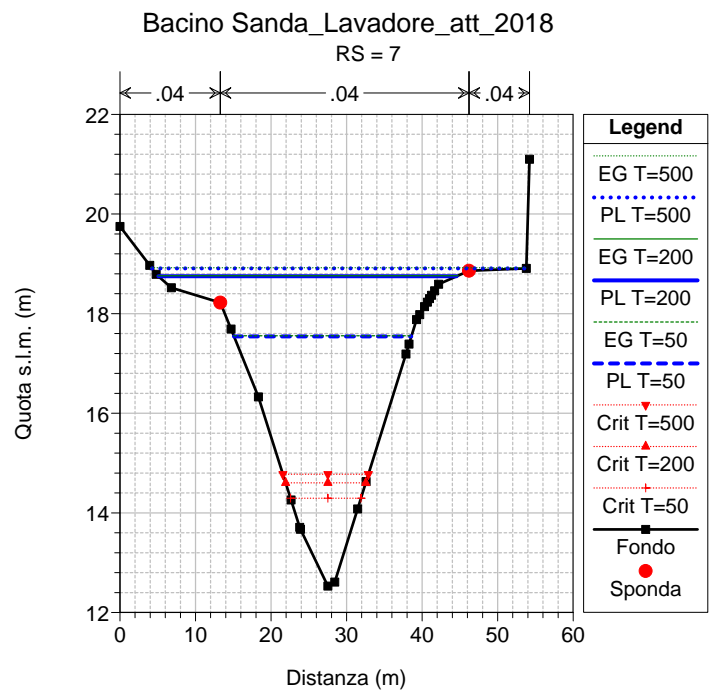
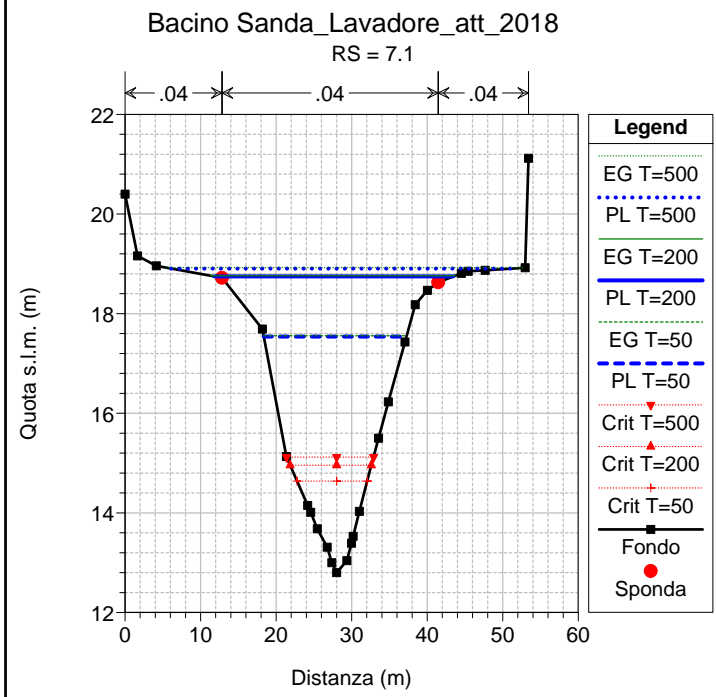
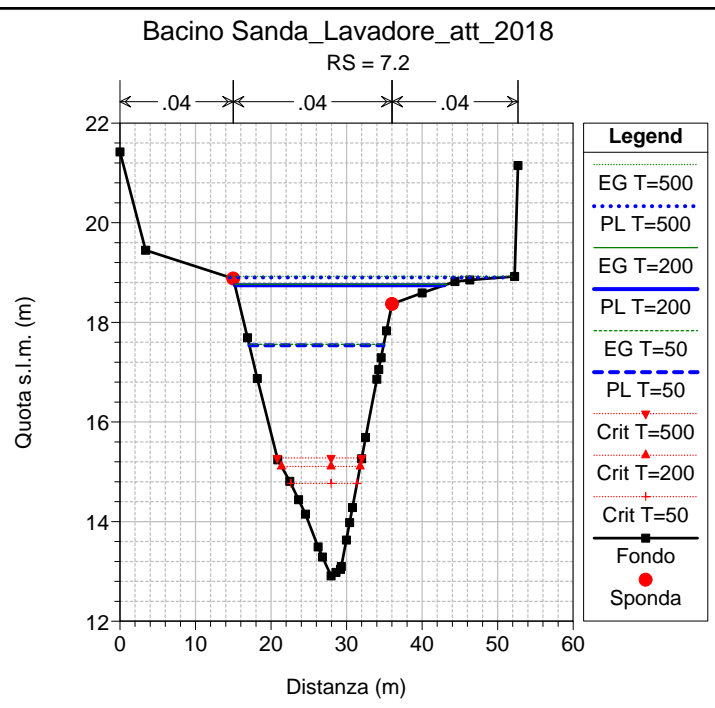
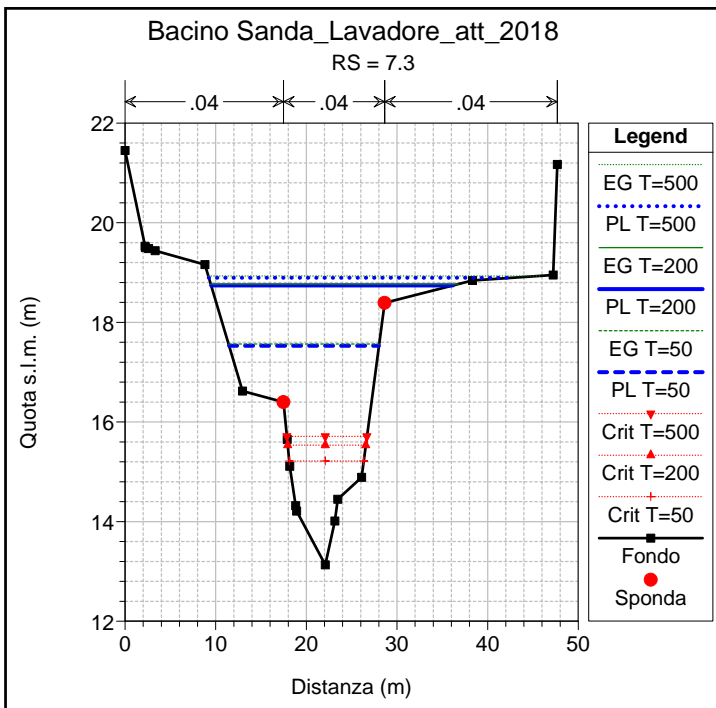
RS = 7.5



Bacino Sanda_Lavadore_att_2018

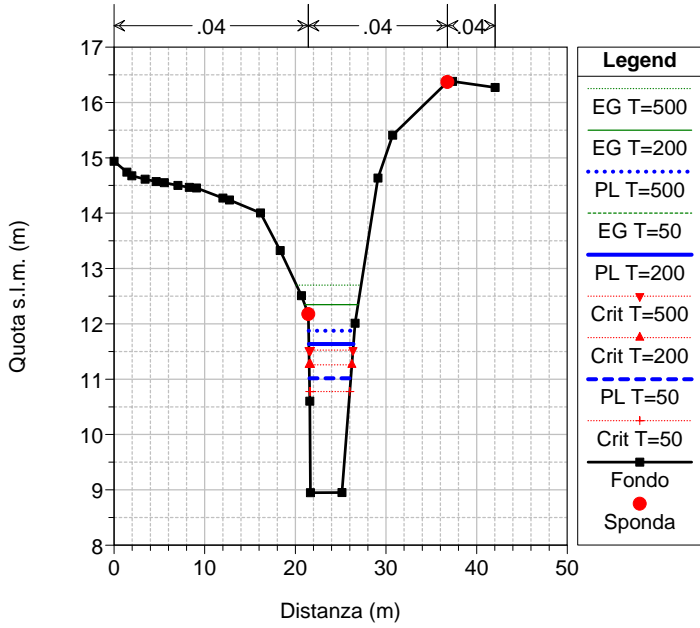
RS = 7.4





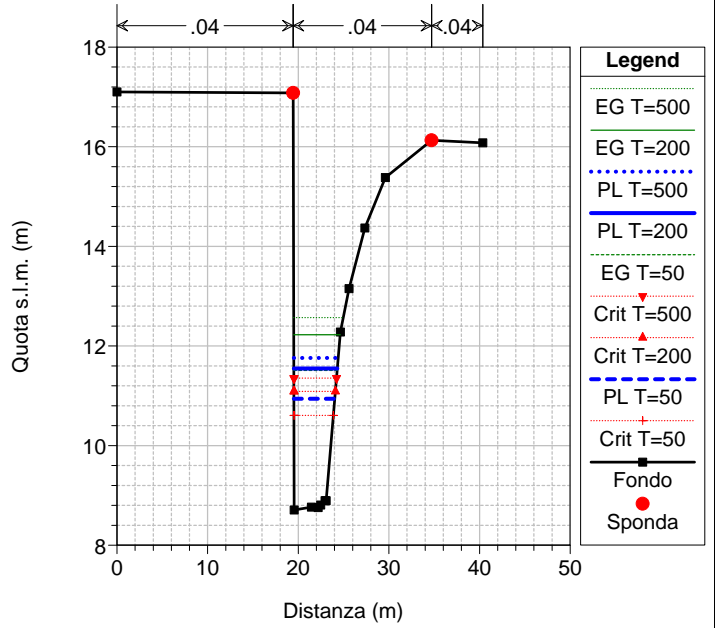
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RS = 6



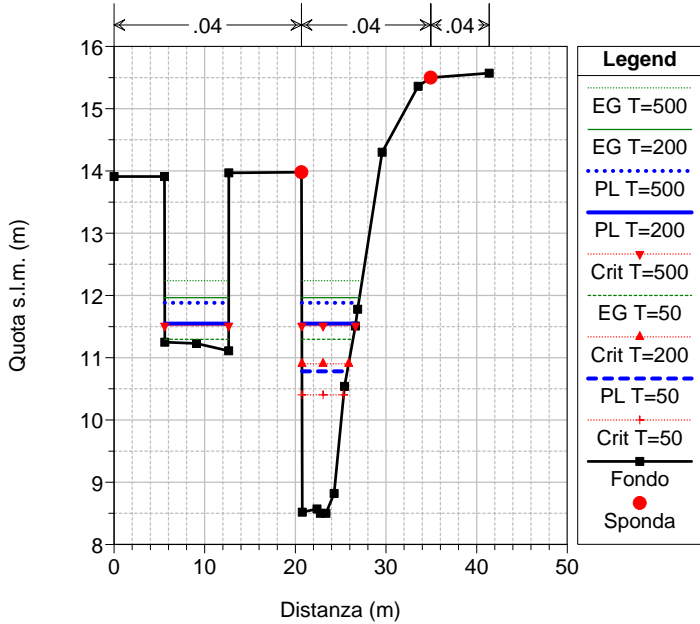
Bacino Sanda_Lavadore_att_2018

RS = 5.3



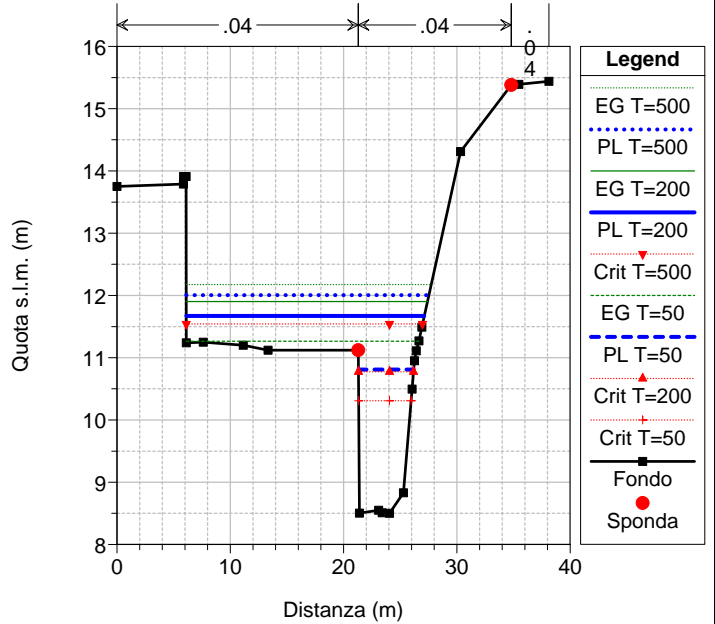
Bacino Sanda_Lavadore_att_2018

RS = 5.2



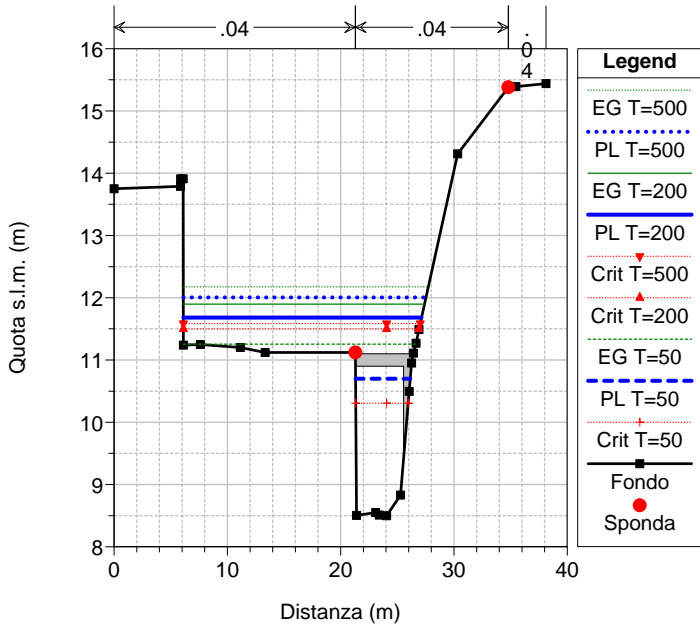
Bacino Sanda_Lavadore_att_2018

RS = 5.1



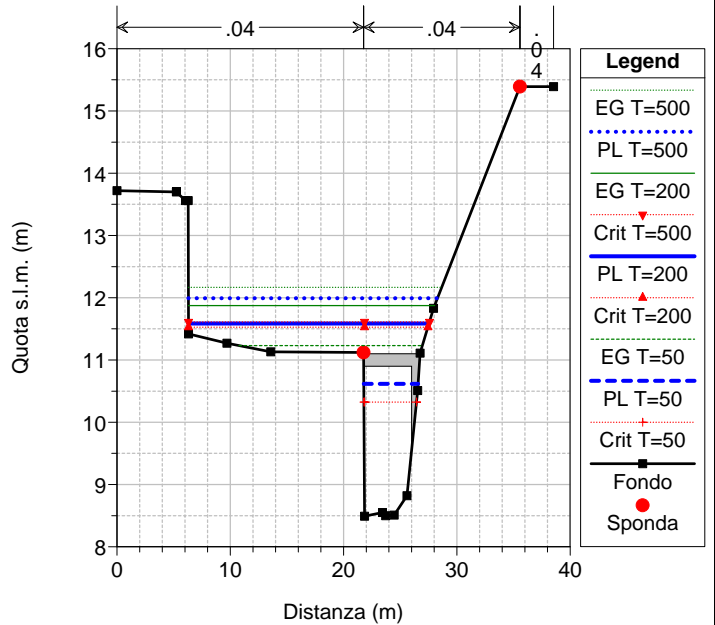
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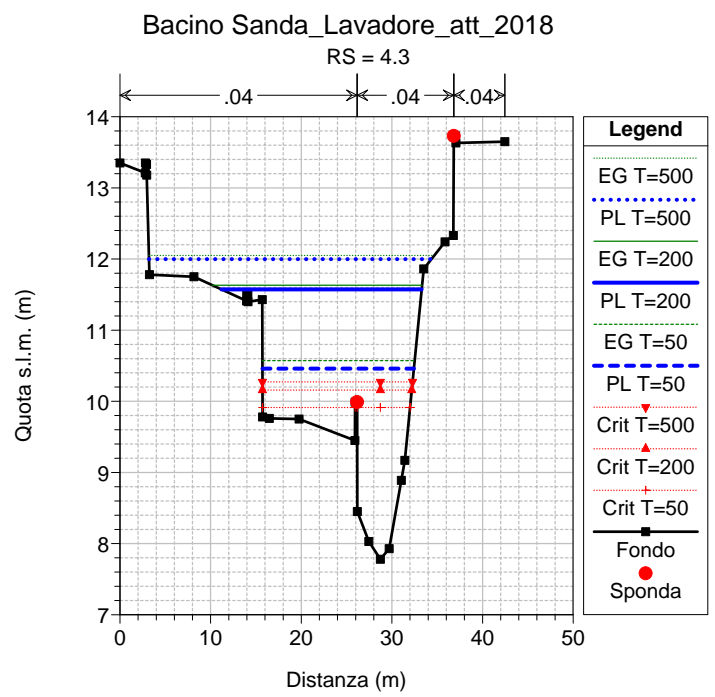
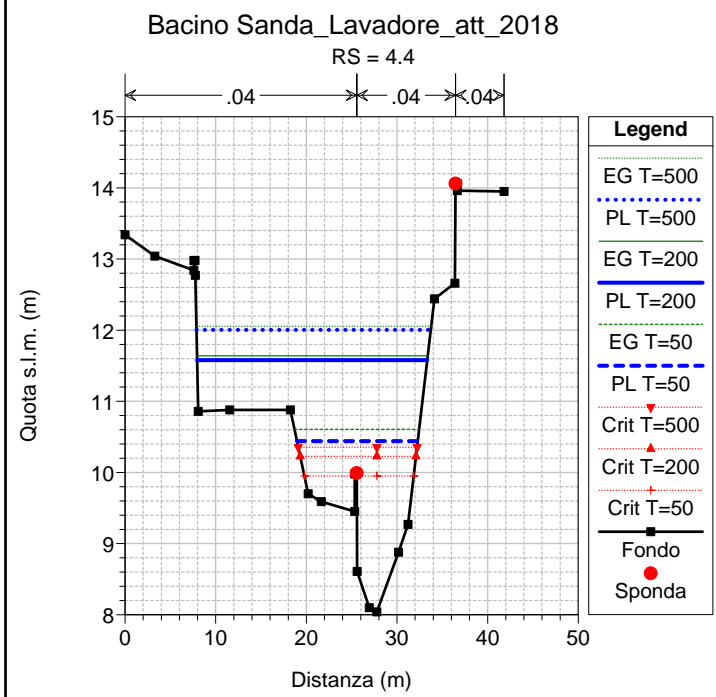
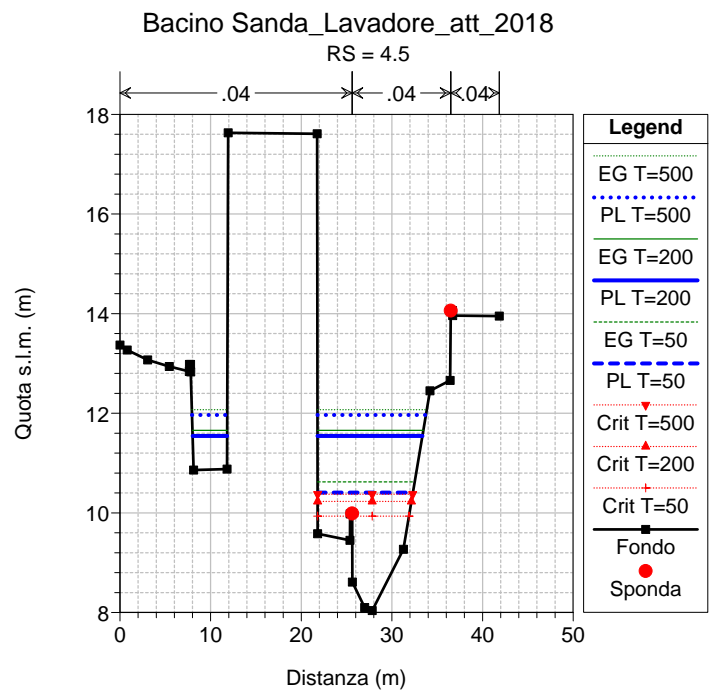
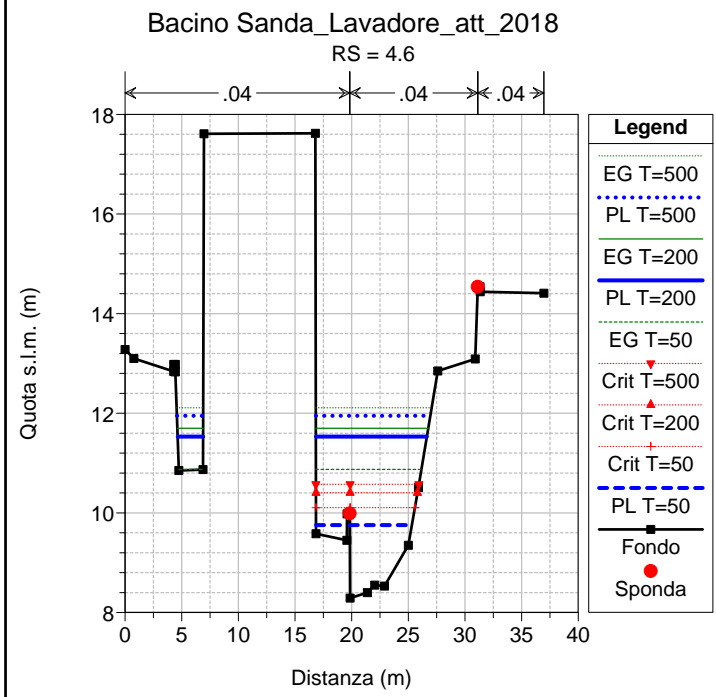
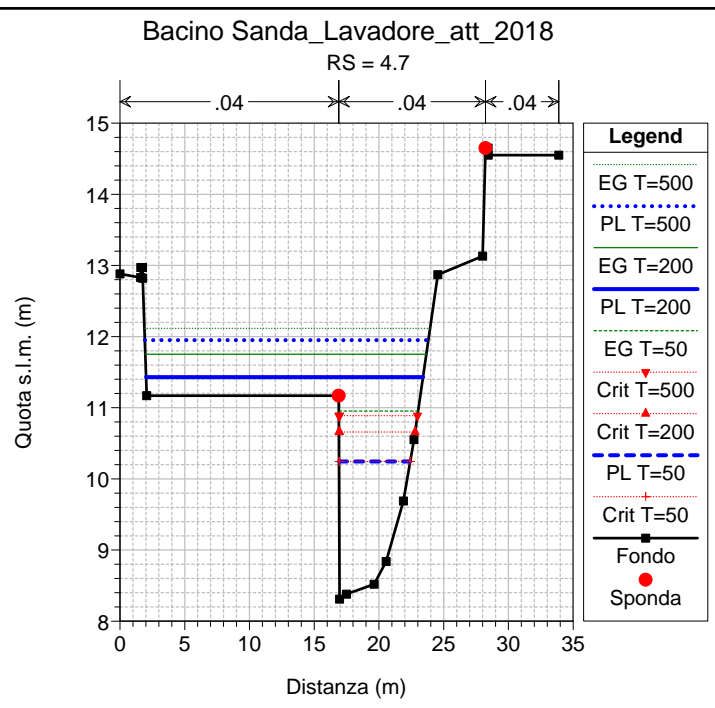
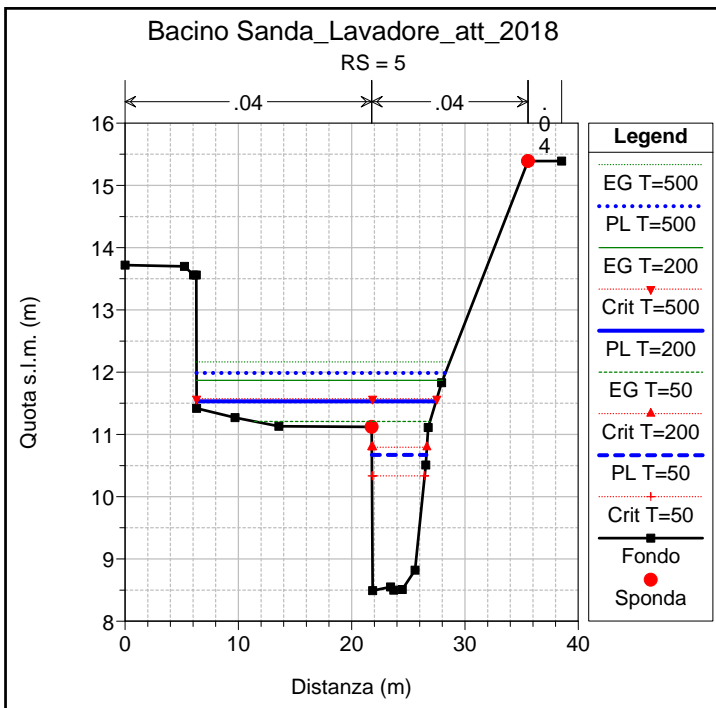
RS = 5.05 BR



Bacino Sanda_Lavadore_att_2018

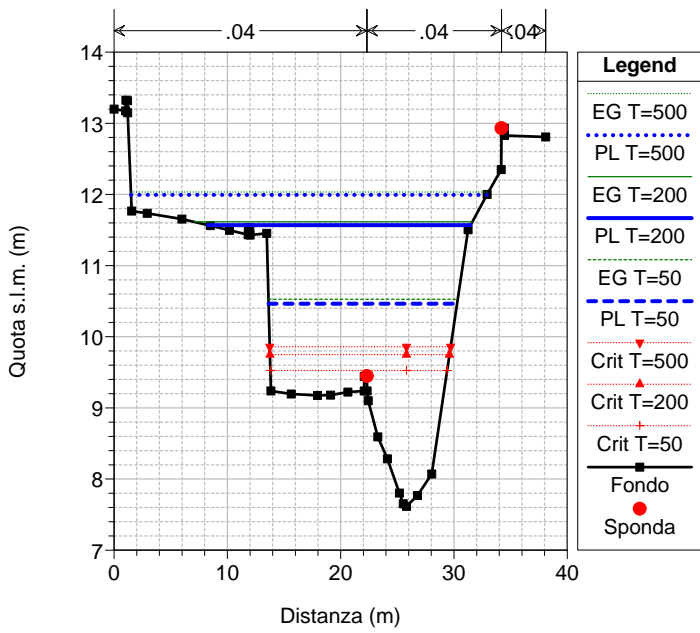
RS = 5.05 BR





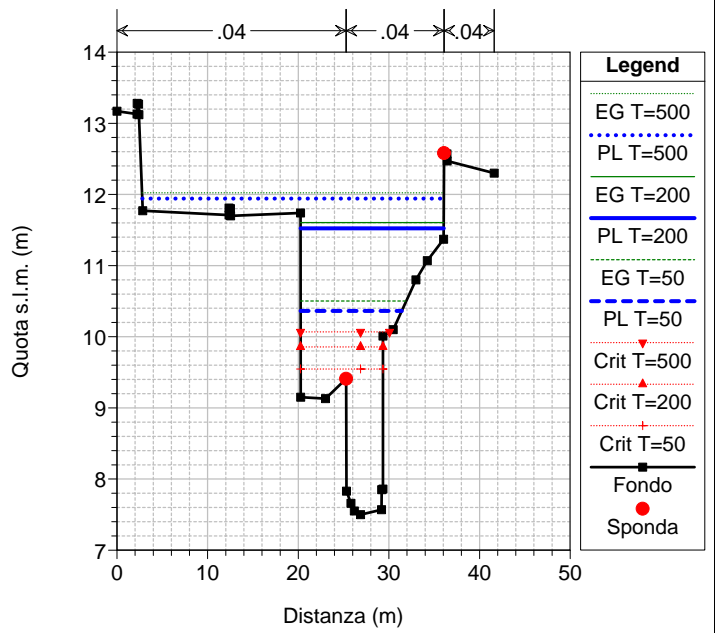
Bacino Sanda_Lavadore_att_2018

RS = 4.2



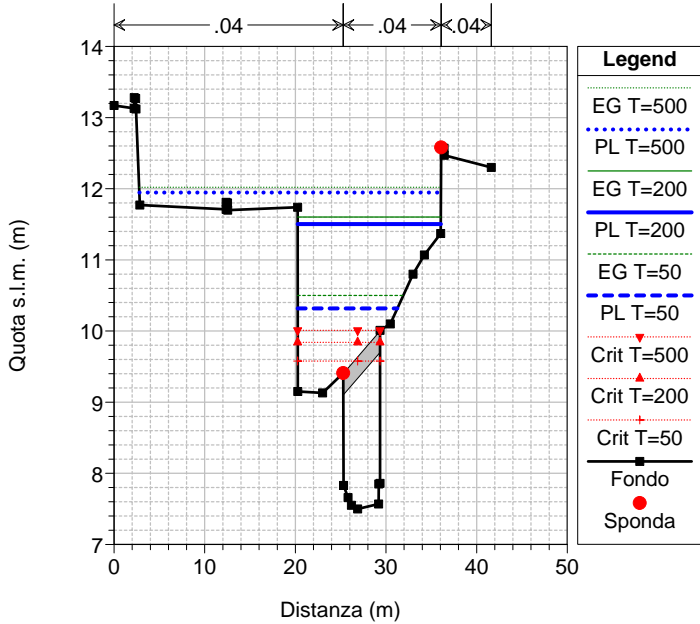
Bacino Sanda_Lavadore_att_2018

RS = 4.1



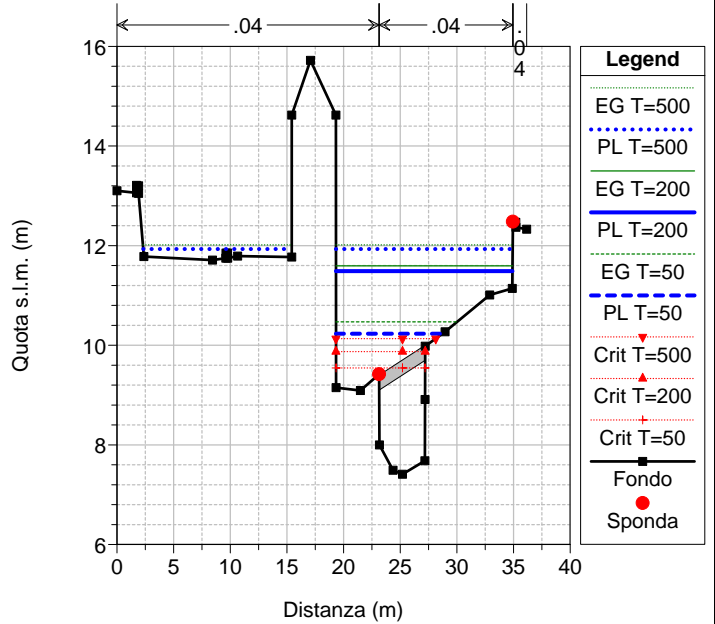
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RS = 4.05 BR



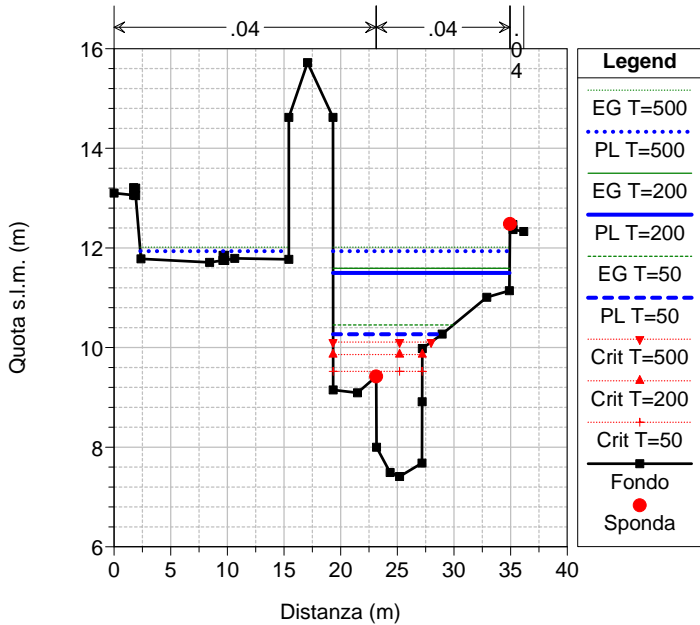
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RS = 4.05 BR



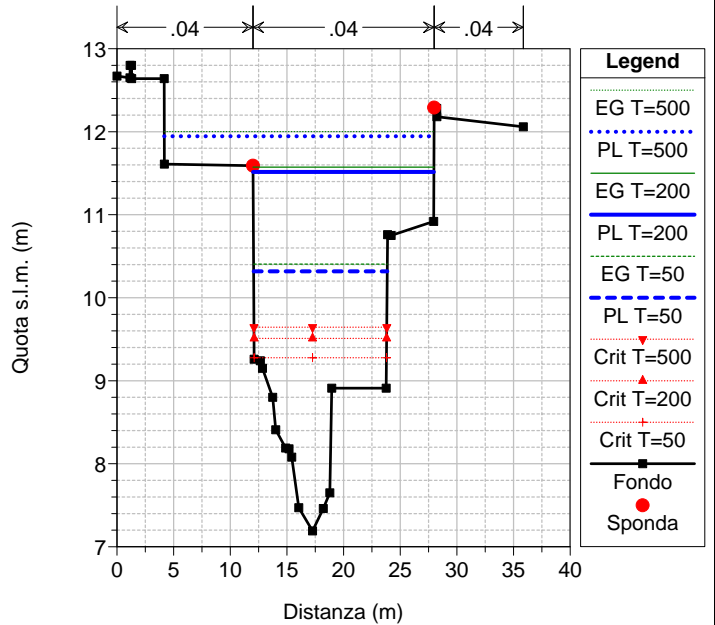
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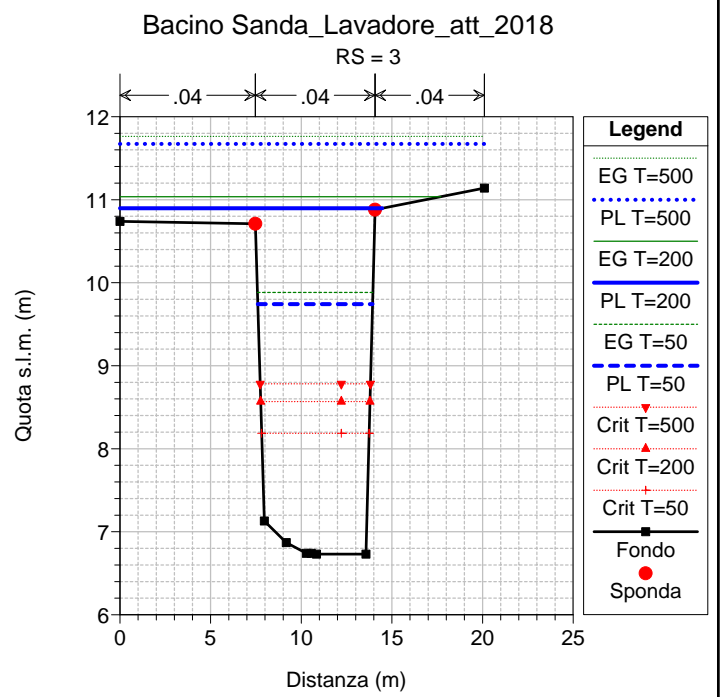
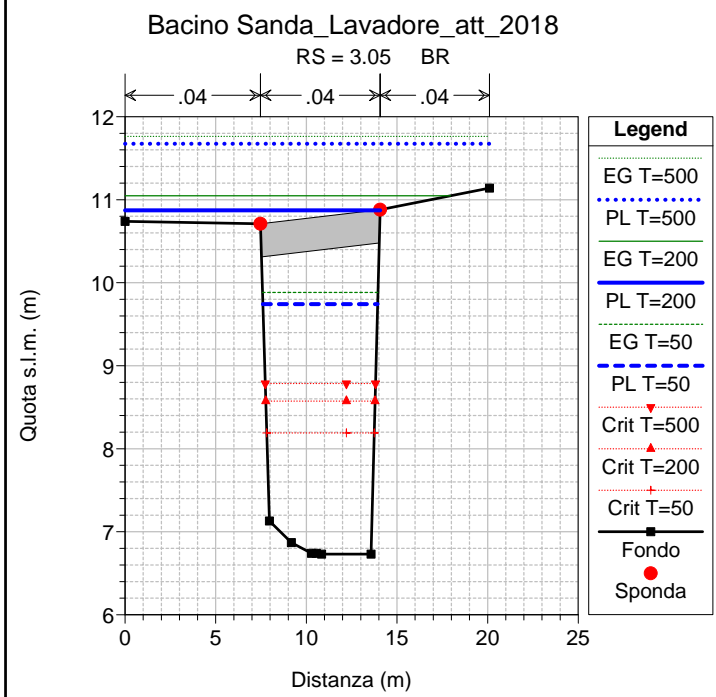
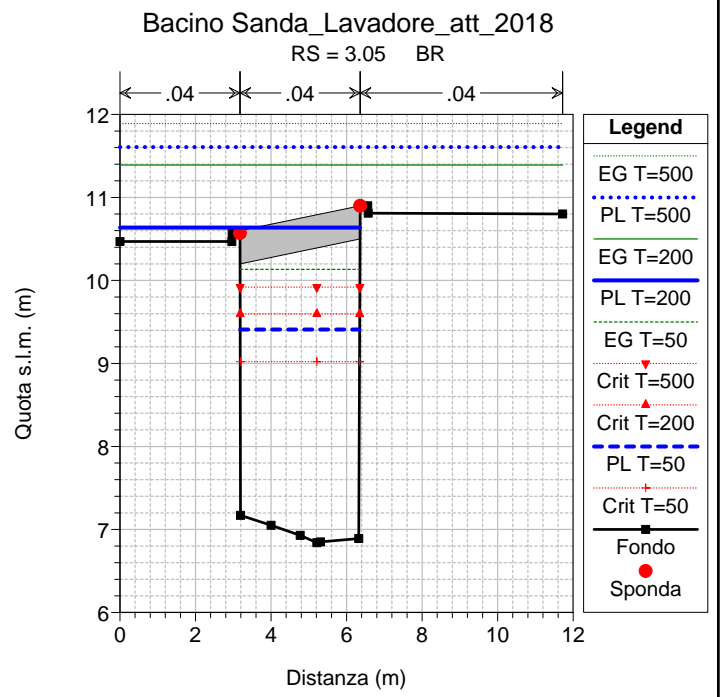
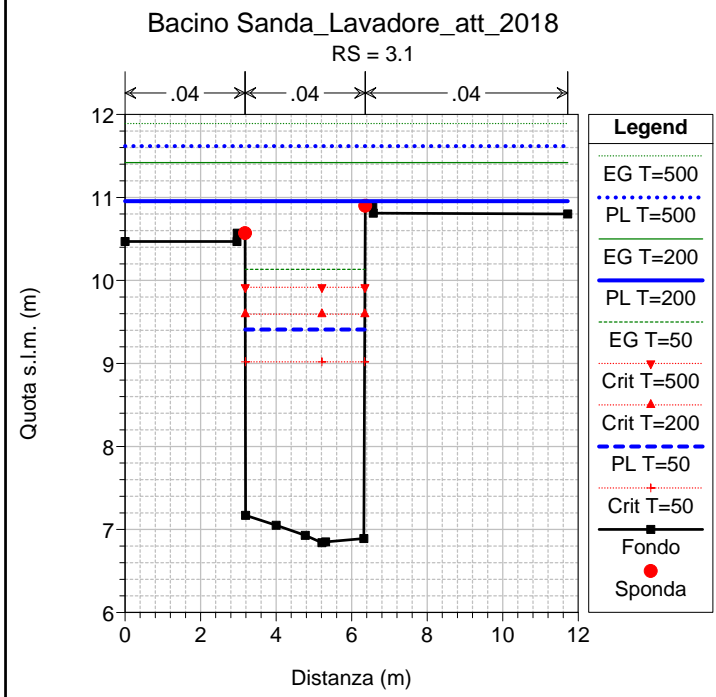
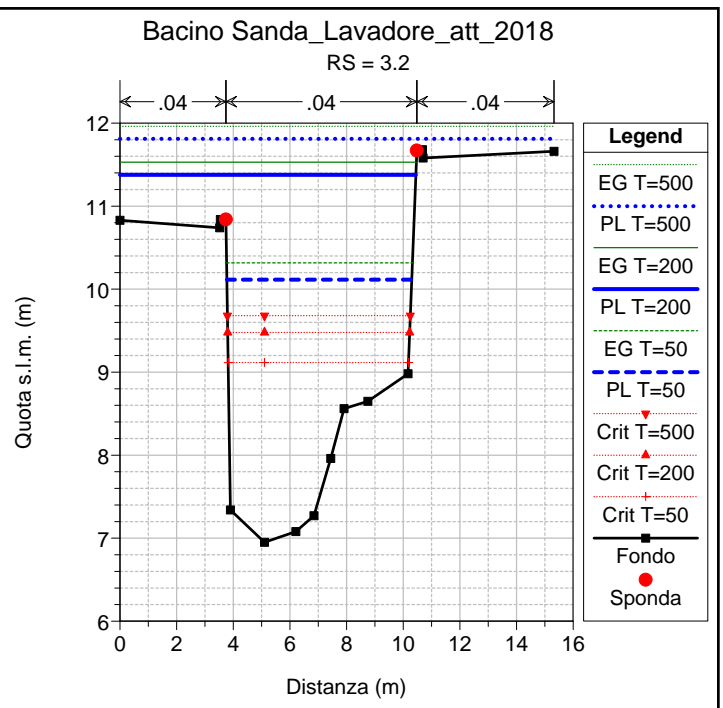
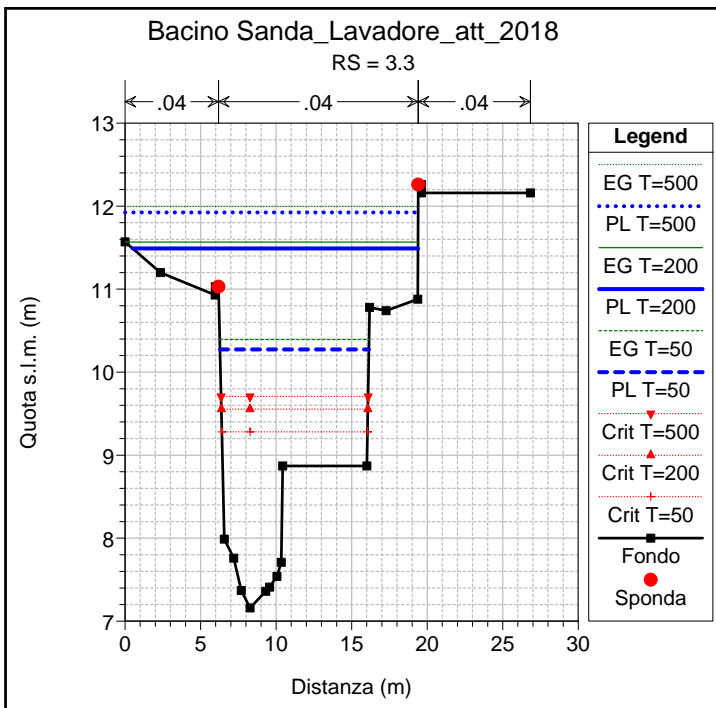
RS = 4



Bacino Sanda_Lavadore_att_2018

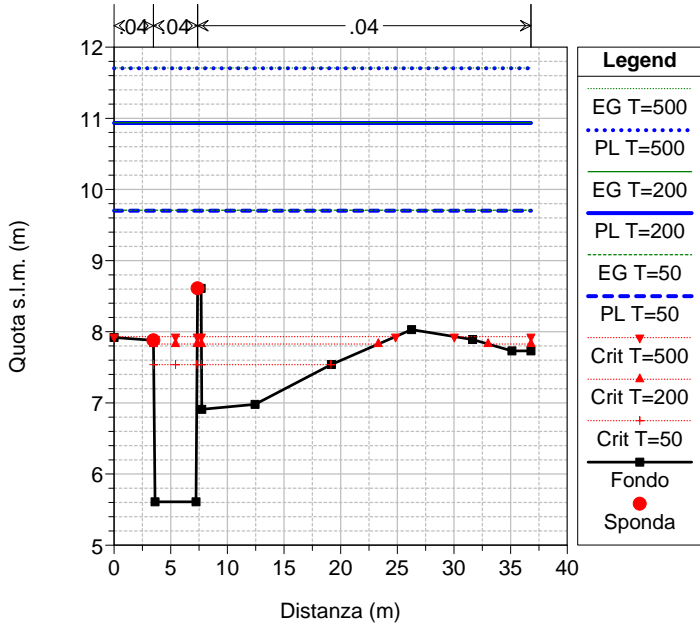
RS = 3.4





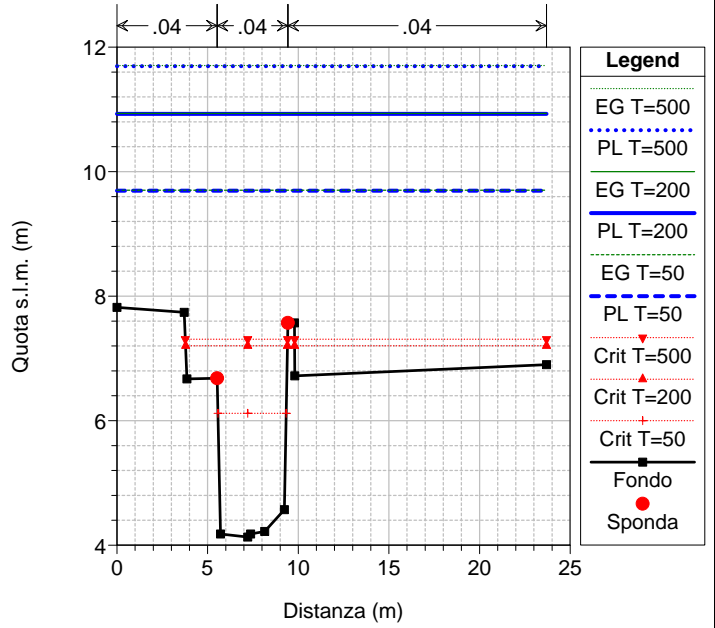
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RS = 2



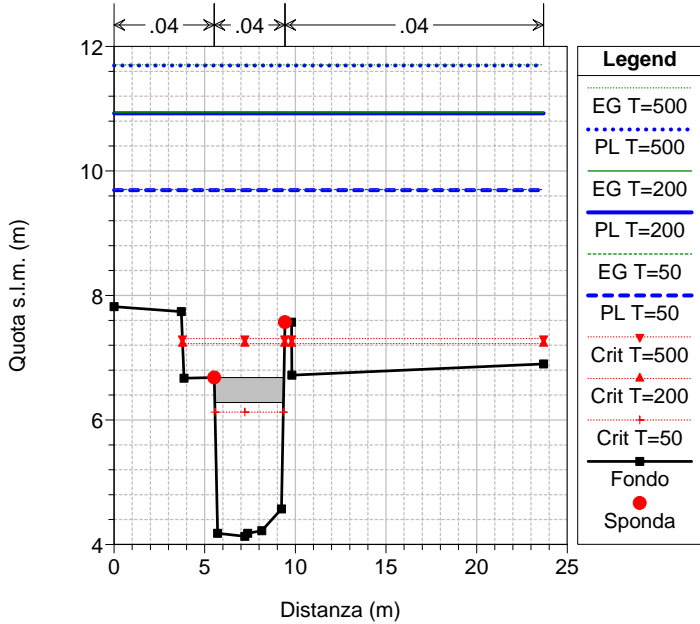
Bacino Sanda_Lavadore_att_2018

RS = 1



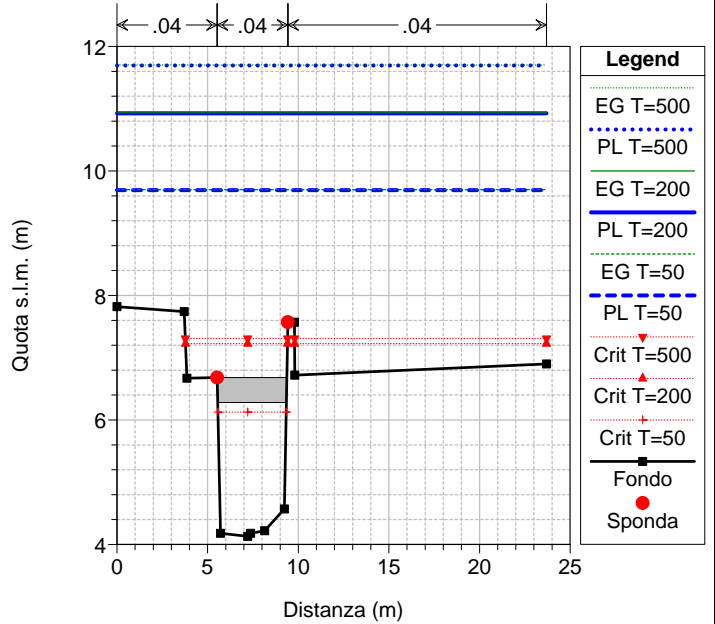
Bacino Sanda_Lavadore_att_2018

RS = 0.5 BR



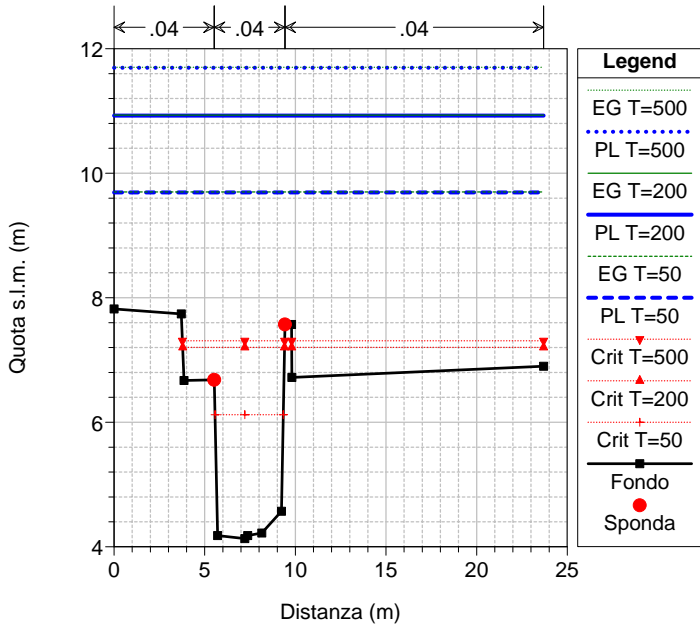
Bacino Sanda_Lavadore_att_2018

RS = 0.5 BR



Bacino Sanda_Lavadore_att_2018

RS = 0



Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (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 Lavadore	11.3	T=50	29.00	16.06	18.06	19.90	1.84	19.35	1.29	18.06	18.93	0.028941	4.13	7.03	4.05	1.00
Rio Lavadore	11.3	T=200	42.00	16.06	19.15	19.90	0.75	19.35	0.20	18.56	19.82	0.016065	3.61	11.63	4.39	0.71
Rio Lavadore	11.3	T=500	50.00	16.06	19.27	19.90	0.63	19.35	0.08	18.84	20.13	0.020356	4.12	12.14	4.43	0.79
Rio Lavadore	11.2	T=50	29.00	15.78	17.87	19.65	1.78	19.16	1.29	17.65	18.44	0.014922	3.32	8.73	5.20	0.82
Rio Lavadore	11.2	T=200	42.00	15.78	19.24	19.65	0.41	19.16	-0.08	18.08	19.58	0.006047	2.61	16.18	7.46	0.49
Rio Lavadore	11.2	T=500	50.00	15.78	19.41	19.65	0.24	19.16	-0.25	18.32	19.83	0.007127	2.91	17.68	9.24	0.53
Rio Lavadore	11.1	T=50	29.00	15.55	17.68	19.35	1.67	19.04	1.36	17.42	18.17	0.012482	3.08	9.41	6.02	0.79
Rio Lavadore	11.1	T=200	42.00	15.55	19.23	19.35	0.12	19.04	-0.19	17.83	19.47	0.003686	2.18	19.80	11.22	0.41
Rio Lavadore	11.1	T=500	50.00	15.55	19.41	19.35	-0.06	19.04	-0.37	18.04	19.70	0.004214	2.41	21.87	13.24	0.44
Rio Lavadore	11	T=50	29.00	15.55	17.54	18.69	1.15	19.06	1.52	17.21	17.97	0.011366	2.91	9.97	6.50	0.75
Rio Lavadore	11	T=200	42.00	15.55	19.24	18.69	-0.55	19.06	-0.18	17.64	19.41	0.002291	1.83	24.82	18.45	0.34
Rio Lavadore	11	T=500	50.00	15.55	19.43	18.69	-0.74	19.06	-0.37	17.87	19.62	0.002484	1.98	28.87	25.00	0.36
Rio Lavadore	10.1	T=50	29.00	15.55	17.53	19.04	1.51	19.07	1.54	17.13	17.90	0.009640	2.67	10.85	6.82	0.68
Rio Lavadore	10.1	T=200	42.00	15.55	19.23	19.04	-0.19	19.07	-0.16	17.50	19.39	0.002292	1.78	24.98	19.87	0.33
Rio Lavadore	10.1	T=500	50.00	15.55	19.42	19.04	-0.38	19.07	-0.35	17.71	19.60	0.002460	1.92	29.42	25.61	0.34
Rio Lavadore	10.05		Bridge													
Rio Lavadore	10	T=50	29.00	15.56	17.44	18.94	1.50	19.00	1.56	17.00	17.78	0.009248	2.61	11.10	6.67	0.65
Rio Lavadore	10	T=200	42.00	15.56	19.00	18.94	-0.06	19.00	0.00	17.36	19.15	0.002429	1.75	28.53	34.19	0.32
Rio Lavadore	10	T=500	50.00	15.56	19.19	18.94	-0.25	19.00	-0.19	17.56	19.33	0.002362	1.80	35.24	35.50	0.32
Rio Lavadore	9.2	T=50	29.00	15.52	17.53	18.61	1.08	18.96	1.43	16.74	17.71	0.003882	1.87	15.49	8.50	0.44
Rio Lavadore	9.2	T=200	42.00	15.52	19.04	18.61	-0.43	18.96	-0.08	17.05	19.12	0.001130	1.33	37.71	39.48	0.24
Rio Lavadore	9.2	T=500	50.00	15.52	19.23	18.61	-0.62	18.96	-0.27	17.22	19.31	0.001133	1.39	45.25	40.28	0.24
Rio Lavadore	9.1	T=50	29.00	14.04	17.60	18.61	1.01	18.85	1.25	15.71	17.67	0.001079	1.20	24.14	8.58	0.23
Rio Lavadore	9.1	T=200	42.00	14.04	19.06	18.61	-0.45	18.85	-0.21	16.05	19.11	0.000587	1.06	46.19	39.45	0.17
Rio Lavadore	9.1	T=500	50.00	14.04	19.24	18.61	-0.63	18.85	-0.39	16.23	19.30	0.000638	1.14	53.58	40.03	0.18
Rio Lavadore	9	T=50	29.00	14.04	17.51	18.59	1.08	18.53	1.02	15.84	17.65	0.002557	1.67	17.36	6.66	0.33
Rio Lavadore	9	T=200	42.00	14.04	19.00	18.59	-0.41	18.53	-0.47	16.28	19.10	0.001218	1.40	34.09	29.05	0.23
Rio Lavadore	9	T=500	50.00	14.04	19.18	18.59	-0.59	18.53	-0.65	16.54	19.29	0.001327	1.51	39.29	29.09	0.24
Rio Lavadore	8.1	T=50	29.00	14.04	17.51	18.59	1.08	18.53	1.02	15.84	17.65	0.002624	1.68	17.21	6.61	0.33
Rio Lavadore	8.1	T=200	42.00	14.04	18.99	18.59	-0.40	18.53	-0.46	16.30	19.10	0.001387	1.48	29.99	22.41	0.25
Rio Lavadore	8.1	T=500	50.00	14.04	19.15	18.59	-0.56	18.53	-0.62	16.54	19.29	0.001604	1.64	33.86	24.11	0.27
Rio Lavadore	8.05		Bridge													
Rio Lavadore	8	T=50	29.00	14.05	17.46	18.59	1.13	18.54	1.08	15.85	17.61	0.002640	1.70	17.10	6.54	0.33
Rio Lavadore	8	T=200	42.00	14.05	18.67	18.59	-0.08	18.54	-0.13	16.29	18.81	0.001887	1.64	25.78	11.14	0.28
Rio Lavadore	8	T=500	50.00	14.05	18.80	18.59	-0.21	18.54	-0.26	16.53	18.98	0.002330	1.87	27.57	14.94	0.32
Rio Lavadore	7.6	T=50	29.00	14.05	17.49	18.65	1.16	18.54	1.05	15.88	17.59	0.001720	1.43	20.30	9.17	0.31
Rio Lavadore	7.6	T=200	42.00	14.05	18.71	18.65	-0.06	18.54	-0.17	16.29	18.79	0.000970	1.28	33.09	14.21	0.24
Rio Lavadore	7.6	T=500	50.00	14.05	18.85	18.65	-0.20	18.54	-0.31	16.52	18.96	0.001159	1.44	35.45	18.18	0.26

HEC-RAS Plan: attuale180704 River: Rio Lavadore Reach: Rio Lavadore (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (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 Lavadore	7.5	T=50	29.00	13.71	17.52	18.23	0.71	18.53	1.01	15.50	17.58	0.000861	1.13	25.63	10.11	0.23
Rio Lavadore	7.5	T=200	42.00	13.71	18.73	18.23	-0.49	18.53	-0.19	15.87	18.78	0.000528	1.06	42.15	21.75	0.18
Rio Lavadore	7.5	T=500	50.00	13.71	18.88	18.23	-0.65	18.53	-0.35	16.08	18.95	0.000627	1.19	45.60	23.66	0.20
Rio Lavadore	7.4	T=50	29.00	13.70	17.53	16.64	-0.89	18.52	0.99	15.38	17.57	0.000564	0.99	31.12	16.70	0.19
Rio Lavadore	7.4	T=200	42.00	13.70	18.74	16.64	-2.10	18.52	-0.22	15.74	18.77	0.000285	0.85	54.58	23.69	0.14
Rio Lavadore	7.4	T=500	50.00	13.70	18.89	16.64	-2.25	18.52	-0.37	15.93	18.94	0.000340	0.96	58.44	25.97	0.16
Rio Lavadore	7.3	T=50	29.00	13.13	17.53	16.40	-1.13	18.39	0.86	15.22	17.57	0.000407	0.86	36.18	16.53	0.16
Rio Lavadore	7.3	T=200	42.00	13.13	18.74	16.40	-2.34	18.39	-0.35	15.53	18.77	0.000232	0.79	59.19	26.68	0.13
Rio Lavadore	7.3	T=500	50.00	13.13	18.90	16.40	-2.50	18.39	-0.51	15.71	18.93	0.000281	0.89	63.71	33.57	0.14
Rio Lavadore	7.2	T=50	29.00	12.91	17.54	18.88	1.34	18.37	0.83	14.77	17.56	0.000201	0.62	46.92	17.78	0.12
Rio Lavadore	7.2	T=200	42.00	12.91	18.75	18.88	0.13	18.37	-0.38	15.11	18.76	0.000135	0.59	71.69	27.75	0.10
Rio Lavadore	7.2	T=500	50.00	12.91	18.90	18.88	-0.02	18.37	-0.53	15.28	18.93	0.000166	0.67	76.49	36.28	0.12
Rio Lavadore	7.1	T=50	29.00	12.80	17.54	18.72	1.18	18.63	1.09	14.64	17.56	0.000162	0.57	51.04	18.89	0.11
Rio Lavadore	7.1	T=200	42.00	12.80	18.75	18.72	-0.03	18.63	-0.12	14.96	18.76	0.000133	0.53	79.08	31.63	0.10
Rio Lavadore	7.1	T=500	50.00	12.80	18.91	18.72	-0.19	18.63	-0.28	15.12	18.92	0.000156	0.60	84.88	45.32	0.11
Rio Lavadore	7	T=50	29.00	12.53	17.54	18.22	0.68	18.86	1.32	14.30	17.55	0.000109	0.47	61.85	23.48	0.09
Rio Lavadore	7	T=200	42.00	12.53	18.75	18.22	-0.53	18.86	0.11	14.60	18.76	0.000080	0.44	96.83	39.49	0.08
Rio Lavadore	7	T=500	50.00	12.53	18.91	18.22	-0.69	18.86	-0.05	14.78	18.92	0.000100	0.50	103.50	49.32	0.09
Rio Lavadore	6.05		Culvert													
Rio Lavadore	6	T=50	29.00	8.95	11.02	12.18	1.16	16.37	5.35	10.78	11.64	0.018073	3.49	8.30	4.57	0.83
Rio Lavadore	6	T=200	42.00	8.95	11.64	12.18	0.54	16.37	4.73	11.26	12.35	0.016989	3.74	11.24	4.92	0.79
Rio Lavadore	6	T=500	50.00	8.95	11.87	12.18	0.30	16.37	4.49	11.53	12.70	0.018487	4.02	12.43	5.06	0.82
Rio Lavadore	5.3	T=50	29.00	8.71	10.94	17.08	6.14	16.13	5.19	10.61	11.51	0.016085	3.34	8.68	4.51	0.77
Rio Lavadore	5.3	T=200	42.00	8.71	11.55	17.08	5.53	16.13	4.58	11.09	12.23	0.016047	3.65	11.51	4.80	0.75
Rio Lavadore	5.3	T=500	50.00	8.71	11.76	17.08	5.32	16.13	4.37	11.35	12.57	0.018191	3.99	12.54	4.90	0.80
Rio Lavadore	5.2	T=50	29.00	8.50	10.78	13.98	3.20	15.50	4.72	10.40	11.30	0.014153	3.17	9.14	5.00	0.75
Rio Lavadore	5.2	T=200	42.00	8.50	11.55	13.98	2.43	15.50	3.95	10.90	11.96	0.009778	2.94	15.76	13.01	0.63
Rio Lavadore	5.2	T=500	50.00	8.50	11.88	13.98	2.10	15.50	3.62	11.51	12.24	0.007952	2.78	20.17	13.34	0.57
Rio Lavadore	5.1	T=50	29.00	8.50	10.81	11.12	0.31	15.38	4.57	10.31	11.26	0.011810	2.99	9.70	4.88	0.68
Rio Lavadore	5.1	T=200	42.00	8.50	11.67	11.12	-0.55	15.38	3.71	10.77	11.90	0.005376	2.32	21.99	21.00	0.47
Rio Lavadore	5.1	T=500	50.00	8.50	12.00	11.12	-0.88	15.38	3.38	11.54	12.17	0.003715	2.04	29.07	21.41	0.40
Rio Lavadore	5.05		Bridge													
Rio Lavadore	5	T=50	29.00	8.49	10.67	11.12	0.45	15.39	4.72	10.33	11.21	0.014750	3.25	8.93	4.82	0.76
Rio Lavadore	5	T=200	42.00	8.49	11.53	11.12	-0.41	15.39	3.86	10.79	11.87	0.007864	2.72	18.62	21.14	0.57
Rio Lavadore	5	T=500	50.00	8.49	11.99	11.12	-0.87	15.39	3.40	11.57	12.17	0.004069	2.09	28.38	21.97	0.42
Rio Lavadore	4.7	T=50	29.00	8.31	10.24	11.17	0.93	14.65	4.41	10.24	10.95	0.022854	3.73	7.78	5.49	1.00
Rio Lavadore	4.7	T=200	42.00	8.31	11.43	11.17	-0.26	14.65	3.22	10.66	11.75	0.006715	2.60	18.77	21.38	0.55
Rio Lavadore	4.7	T=500	50.00	8.31	11.95	11.17	-0.78	14.65	2.70	10.89	12.12	0.003195	1.98	30.04	21.90	0.39

HEC-RAS Plan: attuale180704 River: Rio Lavadore Reach: Rio Lavadore (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (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 Lavadore	4.6	T=50	29.00	8.29	9.75	9.99	0.24	14.54	4.79	10.11	10.87	0.049226	4.77	6.47	8.21	1.48
Rio Lavadore	4.6	T=200	42.00	8.29	11.53	9.99	-1.54	14.54	3.01	10.40	11.70	0.002912	1.94	24.15	12.05	0.39
Rio Lavadore	4.6	T=500	50.00	8.29	11.95	9.99	-1.96	14.54	2.59	10.57	12.11	0.002482	1.92	29.24	12.42	0.37
Rio Lavadore	4.5	T=50	29.00	8.04	10.41	9.99	-0.42	14.06	3.65	9.93	10.62	0.005328	2.16	14.67	10.51	0.53
Rio Lavadore	4.5	T=200	42.00	8.04	11.54	9.99	-1.55	14.06	2.52	10.23	11.66	0.001749	1.59	29.77	15.39	0.32
Rio Lavadore	4.5	T=500	50.00	8.04	11.97	9.99	-1.98	14.06	2.09	10.38	12.07	0.001466	1.56	36.34	15.86	0.30
Rio Lavadore	4.4	T=50	29.00	8.04	10.44	9.99	-0.45	14.06	3.62	9.95	10.61	0.004195	1.93	16.74	13.33	0.47
Rio Lavadore	4.4	T=200	42.00	8.04	11.58	9.99	-1.59	14.06	2.48	10.23	11.64	0.001044	1.24	40.37	25.40	0.25
Rio Lavadore	4.4	T=500	50.00	8.04	12.00	9.99	-2.01	14.06	2.06	10.36	12.05	0.000734	1.11	51.24	25.85	0.21
Rio Lavadore	4.3	T=50	29.00	7.78	10.46	9.99	-0.47	13.73	3.27	9.91	10.57	0.002703	1.63	20.79	16.71	0.37
Rio Lavadore	4.3	T=200	42.00	7.78	11.57	9.99	-1.58	13.73	2.16	10.16	11.63	0.000975	1.21	40.37	22.09	0.23
Rio Lavadore	4.3	T=500	50.00	7.78	12.00	9.99	-2.01	13.73	1.73	10.27	12.05	0.000858	1.16	52.06	31.16	0.22
Rio Lavadore	4.2	T=50	29.00	7.62	10.46	9.45	-1.02	12.93	2.47	9.53	10.53	0.001164	1.20	26.85	16.64	0.27
Rio Lavadore	4.2	T=200	42.00	7.62	11.57	9.45	-2.12	12.93	1.36	9.75	11.62	0.000602	1.05	46.36	23.18	0.20
Rio Lavadore	4.2	T=500	50.00	7.62	11.99	9.45	-2.55	12.93	0.94	9.86	12.04	0.000547	1.02	58.63	31.41	0.20
Rio Lavadore	4.1	T=50	29.00	7.50	10.36	9.41	-0.95	12.58	2.22	9.55	10.50	0.003915	1.72	17.61	11.16	0.40
Rio Lavadore	4.1	T=200	42.00	7.50	11.52	9.41	-2.11	12.58	1.06	9.86	11.60	0.001502	1.23	33.31	15.80	0.28
Rio Lavadore	4.1	T=500	50.00	7.50	11.94	9.41	-2.53	12.58	0.64	10.07	12.02	0.001557	1.40	43.62	33.27	0.29
Rio Lavadore	4.05		Bridge													
Rio Lavadore	4	T=50	29.00	7.41	10.27	9.42	-0.85	12.48	2.21	9.52	10.46	0.005354	2.01	15.22	9.60	0.46
Rio Lavadore	4	T=200	42.00	7.41	11.50	9.42	-2.08	12.48	0.98	9.86	11.59	0.001817	1.34	31.33	15.58	0.31
Rio Lavadore	4	T=500	50.00	7.41	11.93	9.42	-2.51	12.48	0.55	10.11	12.01	0.001373	1.31	40.40	28.70	0.27
Rio Lavadore	3.4	T=50	29.00	7.19	10.32	11.59	1.27	12.29	1.97	9.28	10.41	0.001741	1.30	22.24	11.79	0.30
Rio Lavadore	3.4	T=200	42.00	7.19	11.52	11.59	0.07	12.29	0.77	9.51	11.57	0.000861	1.07	39.21	15.97	0.22
Rio Lavadore	3.4	T=500	50.00	7.19	11.94	11.59	-0.35	12.29	0.35	9.65	12.00	0.000710	1.07	48.76	23.81	0.20
Rio Lavadore	3.3	T=50	29.00	7.16	10.27	11.03	0.76	12.26	1.99	9.28	10.39	0.002598	1.53	19.02	9.86	0.35
Rio Lavadore	3.3	T=200	42.00	7.16	11.49	11.03	-0.46	12.26	0.77	9.56	11.57	0.001201	1.24	35.28	18.89	0.25
Rio Lavadore	3.3	T=500	50.00	7.16	11.93	11.03	-0.89	12.26	0.33	9.71	12.00	0.000957	1.21	43.69	19.40	0.22
Rio Lavadore	3.2	T=50	29.00	6.95	10.12	10.84	0.72	11.67	1.55	9.12	10.32	0.004297	1.99	14.60	6.53	0.42
Rio Lavadore	3.2	T=200	42.00	6.95	11.38	10.84	-0.54	11.67	0.29	9.48	11.53	0.002298	1.76	25.16	10.45	0.30
Rio Lavadore	3.2	T=500	50.00	6.95	11.81	10.84	-0.97	11.67	-0.14	9.68	11.96	0.002062	1.78	30.62	15.32	0.29
Rio Lavadore	3.1	T=50	29.00	6.84	9.41	10.57	1.16	10.90	1.49	9.02	10.13	0.023588	3.77	7.70	3.16	0.77
Rio Lavadore	3.1	T=200	42.00	6.84	10.95	10.57	-0.38	10.90	-0.05	9.59	11.42	0.012214	3.11	14.90	11.72	0.50
Rio Lavadore	3.1	T=500	50.00	6.84	11.62	10.57	-1.05	10.90	-0.72	9.92	11.89	0.006435	2.50	22.69	11.72	0.37
Rio Lavadore	3.05		Bridge													
Rio Lavadore	3	T=50	29.00	6.73	9.74	10.71	0.97	10.88	1.14	8.19	9.88	0.002458	1.66	17.50	6.33	0.32
Rio Lavadore	3	T=200	42.00	6.73	10.90	10.71	-0.19	10.88	-0.02	8.57	11.04	0.001940	1.66	26.26	14.46	0.27
Rio Lavadore	3	T=500	50.00	6.73	11.67	10.71	-0.96	10.88	-0.79	8.78	11.76	0.001086	1.41	41.17	20.10	0.21

HEC-RAS Plan: attuale180704 River: Rio Lavadore Reach: Rio Lavadore (Continued)

Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	LOB Elev (m)	L. Freeboard (m)	ROB Elev (m)	R. Freeboard (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 Lavadore	2	T=50	29.00	5.61	9.70	7.88	-1.82	8.61	-1.09	7.54	9.71	0.000085	0.34	84.51	36.80	0.05
Rio Lavadore	2	T=200	42.00	5.61	10.93	7.88	-3.05	8.61	-2.32	7.83	10.94	0.000045	0.29	129.89	36.80	0.04
Rio Lavadore	2	T=500	50.00	5.61	11.70	7.88	-3.82	8.61	-3.09	7.93	11.71	0.000034	0.28	158.16	36.80	0.04
Rio Lavadore	1	T=50	29.00	4.13	9.69	6.68	-3.01	7.57	-2.12	6.12	9.70	0.000089	0.41	74.04	23.69	0.06
Rio Lavadore	1	T=200	42.00	4.13	10.93	6.68	-4.25	7.57	-3.36	7.20	10.94	0.000067	0.41	103.27	23.69	0.05
Rio Lavadore	1	T=500	50.00	4.13	11.70	6.68	-5.02	7.57	-4.13	7.31	11.70	0.000058	0.41	121.47	23.69	0.05
Rio Lavadore	0.5		Bridge													
Rio Lavadore	0	T=50	29.00	4.13	9.69	6.68	-3.01	7.57	-2.12	6.12	9.70	0.000089	0.41	73.99	23.69	0.06
Rio Lavadore	0	T=200	42.00	4.13	10.93	6.68	-4.25	7.57	-3.36	7.20	10.93	0.000067	0.41	103.23	23.69	0.05
Rio Lavadore	0	T=500	50.00	4.13	11.69	6.68	-5.01	7.57	-4.12	7.31	11.70	0.000059	0.41	121.43	23.69	0.05