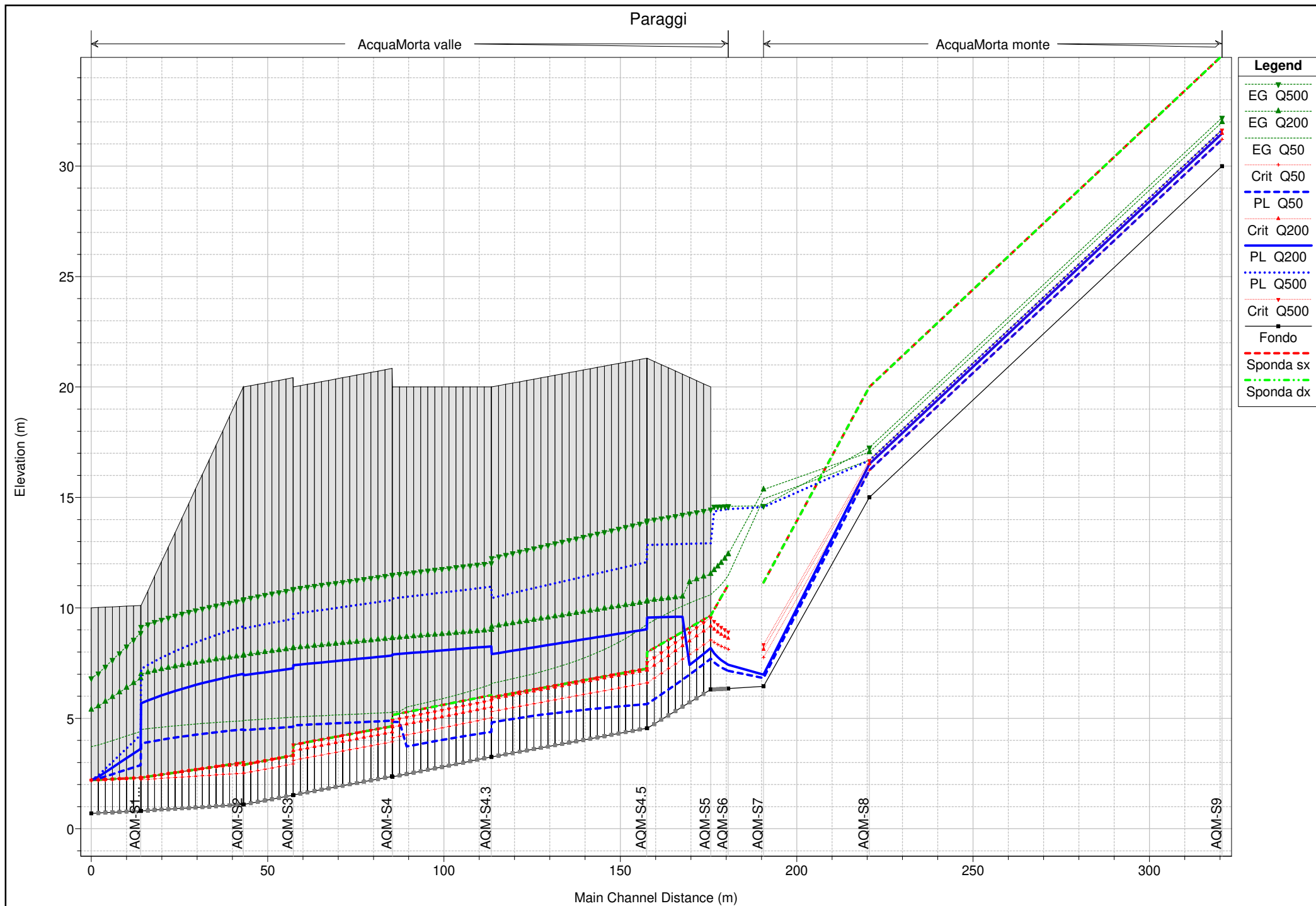


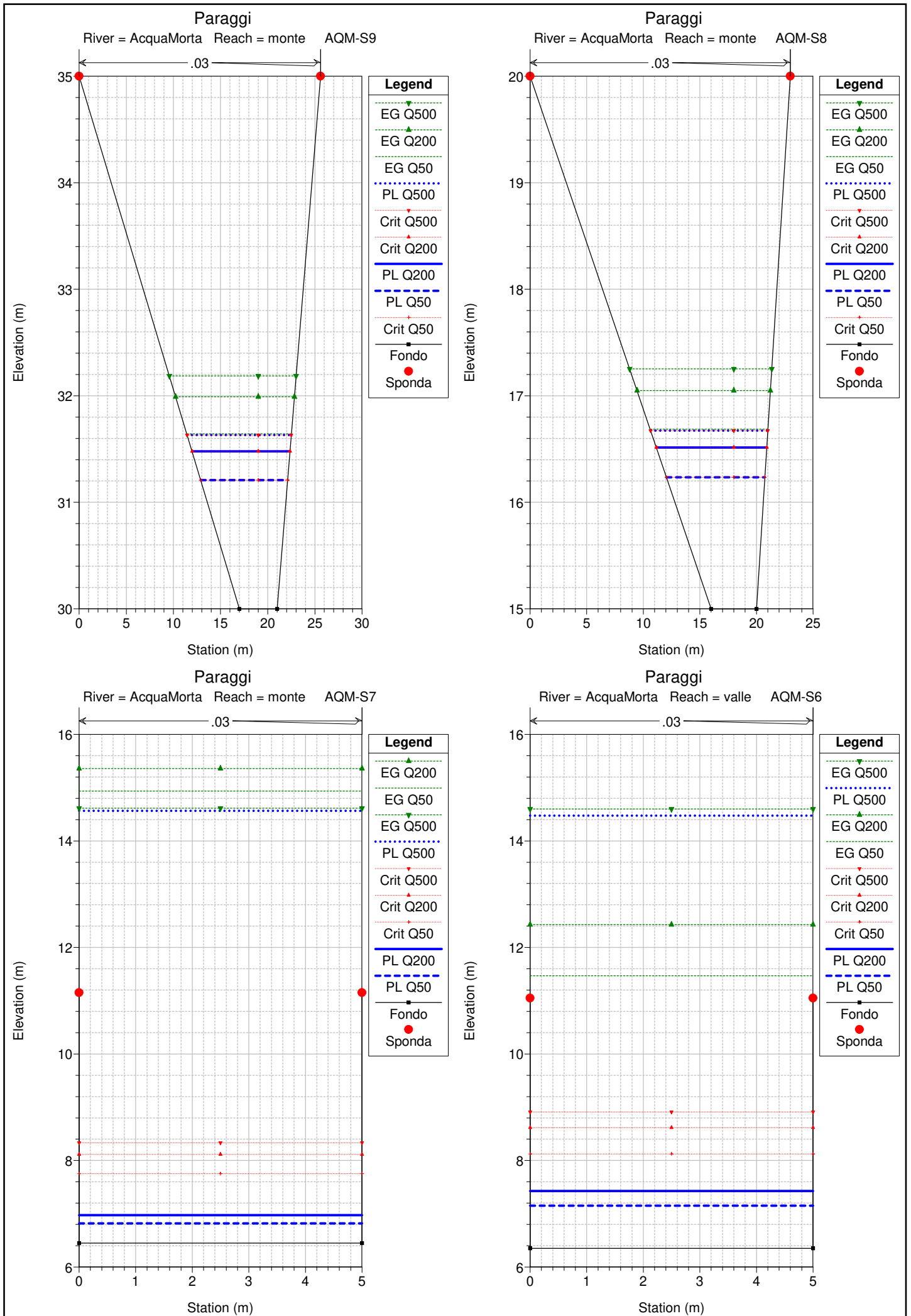
# **Torrente Acqua Morta**

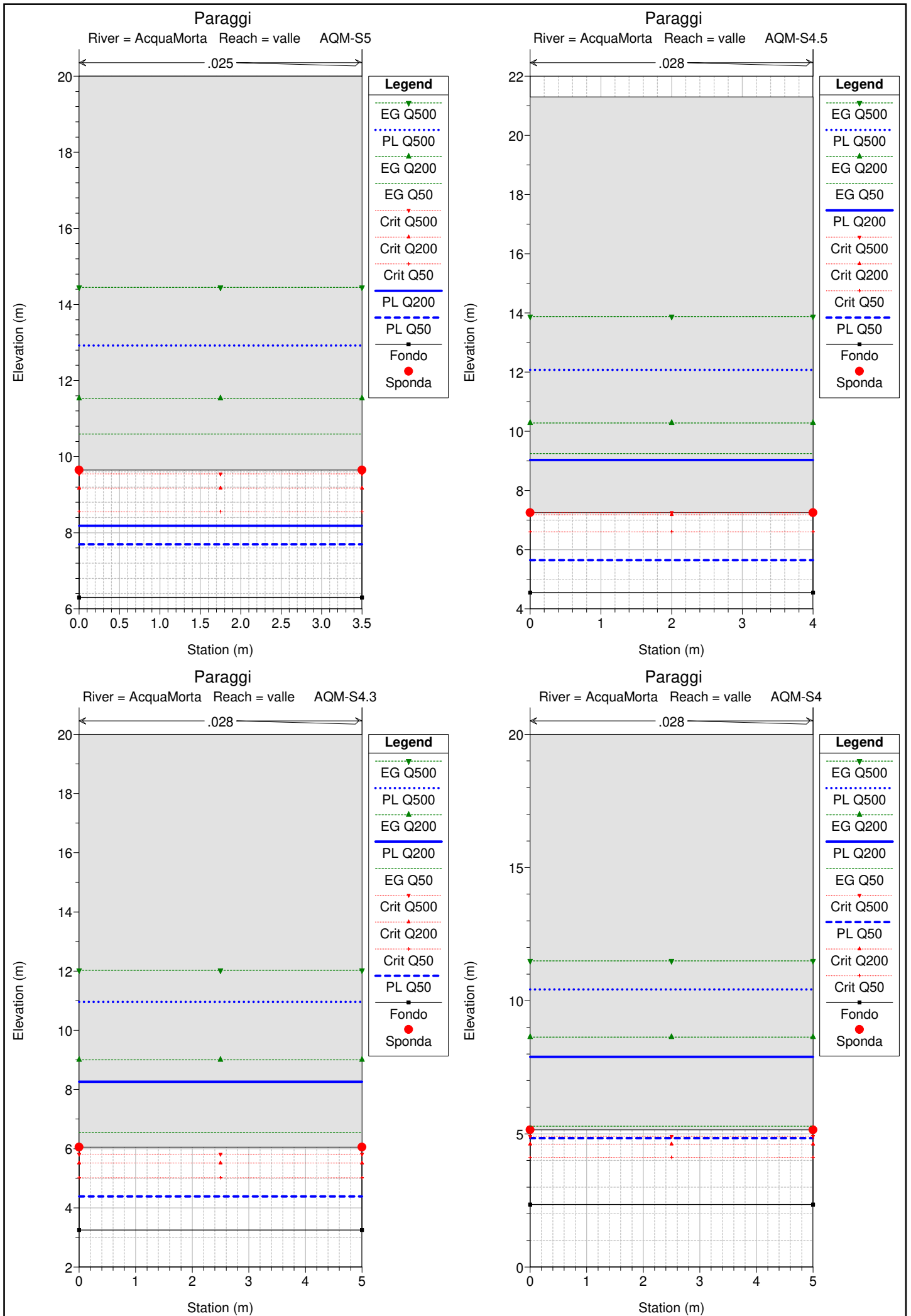
**loc. Paraggi**

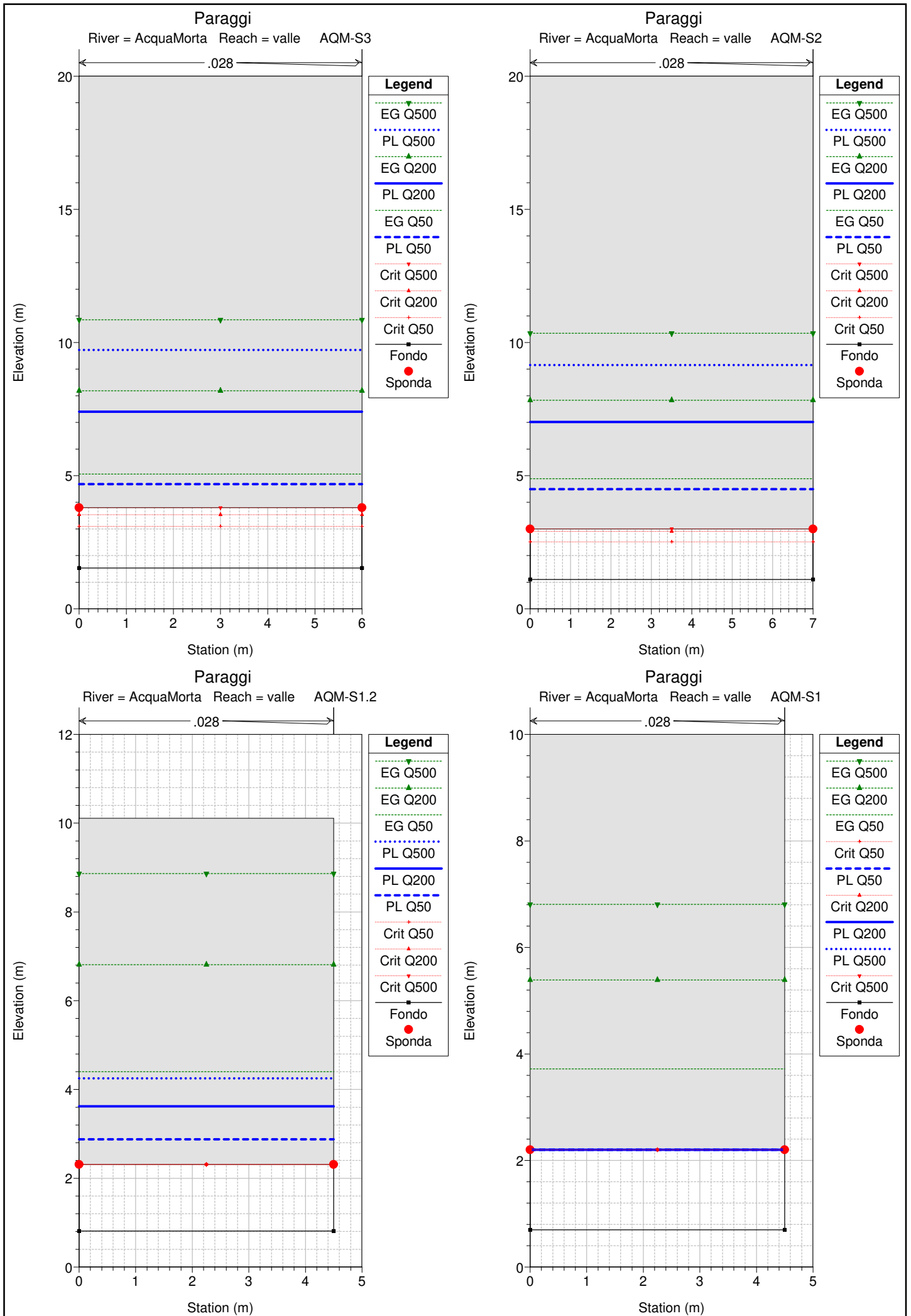
dalla sezione AQM-S9 alla AQM-S1 e dalla AQV-S2 alla AQV-S1

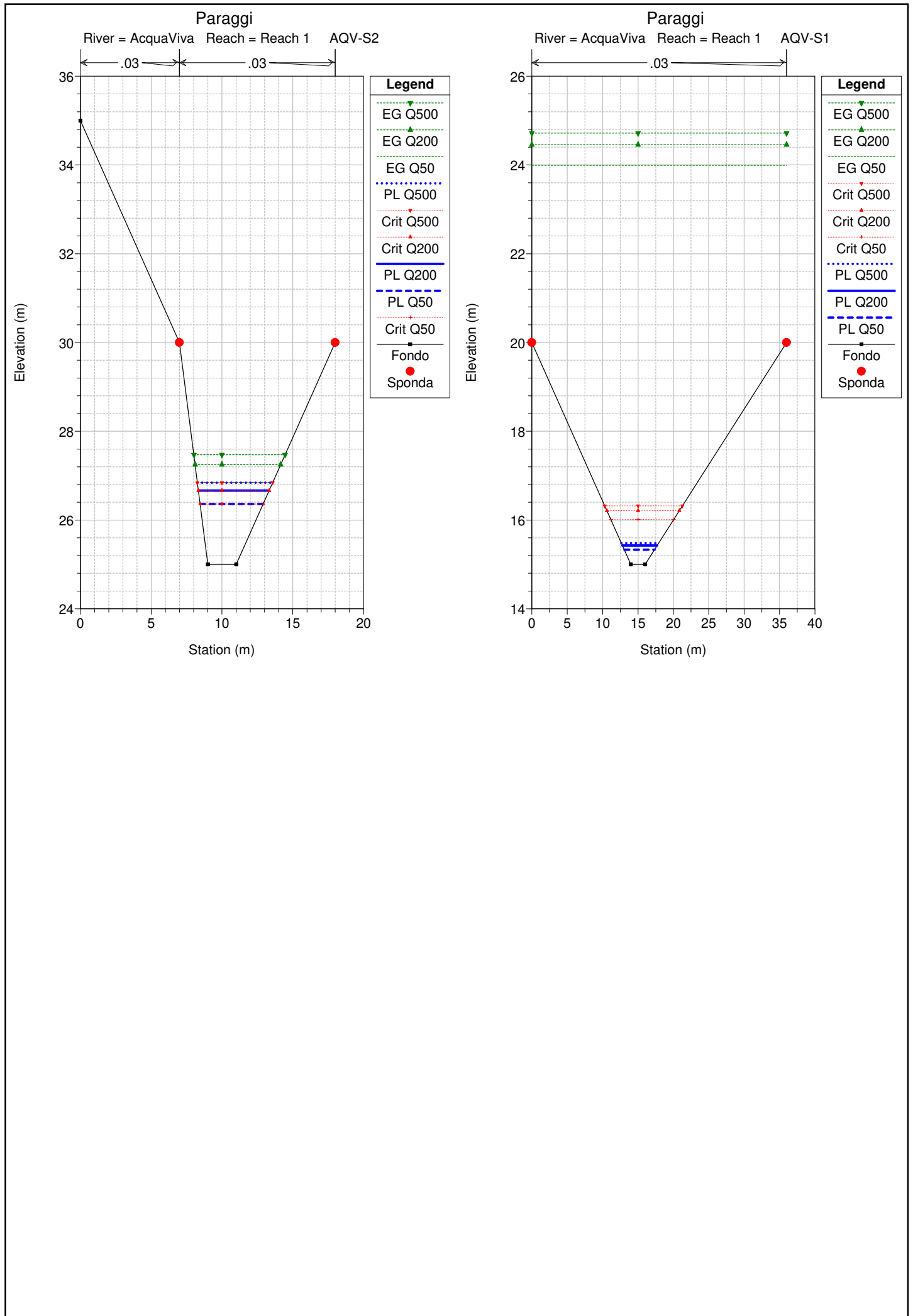
- Profili di corrente
- Sezioni idrauliche
- Tabelle dei risultati











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River	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
AcquaViva	Reach 1	2 AQV-S2	Q50	13.60	25.00	26.36	30.00	3.64	30.00	3.64	26.36	26.85	0.012614	3.10	4.38	4.45	1.00
AcquaViva	Reach 1	2 AQV-S2	Q200	19.70	25.00	26.67	30.00	3.33	30.00	3.33	26.67	27.25	0.012274	3.38	5.83	5.00	1.00
AcquaViva	Reach 1	2 AQV-S2	Q500	23.70	25.00	26.84	30.00	3.16	30.00	3.16	26.84	27.47	0.012084	3.52	6.73	5.31	1.00
AcquaViva	Reach 1	1 AQV-S1	Q50	13.60	15.00	15.33	20.00	4.67	20.00	4.67	16.01	23.99	1.029511	13.03	1.04	4.27	8.41
AcquaViva	Reach 1	1 AQV-S1	Q200	19.70	15.00	15.43	20.00	4.57	20.00	4.57	16.21	24.46	0.815955	13.31	1.48	4.91	7.74
AcquaViva	Reach 1	1 AQV-S1	Q500	23.70	15.00	15.48	20.00	4.52	20.00	4.52	16.32	24.72	0.731258	13.46	1.76	5.29	7.44
AcquaMorta	monte	8 AQM-S9	Q50	23.30	30.00	31.21	35.00	3.79	35.00	3.79	31.21	31.64	0.010236	2.92	7.99	9.22	1.00
AcquaMorta	monte	8 AQM-S9	Q200	33.70	30.00	31.48	35.00	3.52	35.00	3.52	31.48	31.99	0.009746	3.17	10.63	10.39	1.00
AcquaMorta	monte	8 AQM-S9	Q500	40.50	30.00	31.63	35.00	3.37	35.00	3.37	31.63	32.19	0.009511	3.30	12.27	11.05	1.00
AcquaMorta	monte	7 AQM-S8	Q50	23.30	15.00	16.23	20.00	3.77	20.00	3.77	16.23	16.69	0.010408	2.97	7.83	8.69	1.00
AcquaMorta	monte	7 AQM-S8	Q200	33.70	15.00	16.51	20.00	3.49	20.00	3.49	16.51	17.05	0.009964	3.24	10.41	9.75	1.00
AcquaMorta	monte	7 AQM-S8	Q500	40.50	15.00	16.67	20.00	3.33	20.00	3.33	16.67	17.25	0.009719	3.37	12.01	10.36	1.00
AcquaMorta	monte	6.9 AQM-S7	Q50	23.30	6.45	6.82	11.15	4.33	11.15	4.33	7.75	14.94	0.649619	12.62	1.85	5.00	6.63
AcquaMorta	monte	6.9 AQM-S7	Q200	33.70	6.45	6.98	11.15	4.17	11.15	4.17	8.12	15.36	0.449822	12.82	2.63	5.00	5.65
AcquaMorta	monte	6.9 AQM-S7	Q500	40.50	6.45	14.56	11.15	-3.41	11.15	-3.41	8.33	14.61	0.000378	1.00	40.57	5.00	0.11
AcquaMorta	valle	6 AQM-S6	Q50	36.90	6.35	7.15	11.05	3.90	11.05	3.90	8.12	11.47	0.148124	9.20	4.01	5.00	3.28
AcquaMorta	valle	6 AQM-S6	Q200	53.40	6.35	7.43	11.05	3.62	11.05	3.62	8.62	12.43	0.128733	9.90	5.39	5.00	3.05
AcquaMorta	valle	6 AQM-S6	Q500	64.20	6.35	14.47	11.05	-3.42	11.05	-3.42	8.91	14.60	0.000948	1.58	40.61	5.00	0.18
AcquaMorta	valle	5 AQM-S5	Q50	36.90	6.30	7.70	9.65	1.95	9.65	1.95	8.55	10.60	0.049676	7.54	4.90	3.50	2.04
AcquaMorta	valle	5 AQM-S5	Q200	53.40	6.30	8.18	9.65	1.47	9.65	1.47	9.17	11.53	0.046710	8.10	6.59	3.50	1.89
AcquaMorta	valle	5 AQM-S5	Q500	64.20	6.30	12.92	9.65	-3.27	9.65	-3.27	9.55	14.45	0.023059	5.48	11.73		0.68
AcquaMorta	valle	4.51	Q50	36.90	4.55	5.65	8.00	2.35	8.00	2.35	6.60	9.26	0.088132	8.42	4.38	4.00	2.57
AcquaMorta	valle	4.51	Q200	53.40	4.55	9.57	8.00	-1.57	8.00	-1.57	7.18	10.33	0.013004	3.87	13.80		0.55
AcquaMorta	valle	4.51	Q500	64.20	4.55	12.85	8.00	-4.85	8.00	-4.85	7.52	13.95	0.018796	4.65	13.80		0.52
AcquaMorta	valle	4.5 AQM-S4.5	Q50	36.90	4.55	5.65	7.25	1.60	7.25	1.60	6.61	9.25	0.087664	8.41	4.39	4.00	2.56
AcquaMorta	valle	4.5 AQM-S4.5	Q200	53.40	4.55	9.03	7.25	-1.78	7.25	-1.78	7.18	10.28	0.025558	4.94	10.80		0.75
AcquaMorta	valle	4.5 AQM-S4.5	Q500	64.20	4.55	12.07	7.25	-4.82	7.25	-4.82	7.25	13.88	0.036941	5.94	10.80		0.69
AcquaMorta	valle	4.31	Q50	36.90	3.25	4.82	5.95	1.13	5.95	1.13	5.31	6.58	0.032304	5.89	6.27	4.00	1.50
AcquaMorta	valle	4.31	Q200	53.40	3.25	7.91	5.95	-1.96	5.95	-1.96	5.88	9.15	0.025558	4.94	10.80		0.73
AcquaMorta	valle	4.31	Q500	64.20	3.25	10.45	5.95	-4.50	5.95	-4.50	5.95	12.25	0.036941	5.94	10.80		0.71
AcquaMorta	valle	4.3 AQM-S4.3	Q50	36.90	3.25	4.39	6.05	1.66	6.05	1.66	5.02	6.54	0.046088	6.50	5.68	5.00	1.95
AcquaMorta	valle	4.3 AQM-S4.3	Q200	53.40	3.25	8.26	6.05	-2.21	6.05	-2.21	5.51	9.00	0.013178	3.81	14.00		0.54
AcquaMorta	valle	4.3 AQM-S4.3	Q500	64.20	3.25	10.96	6.05	-4.91	6.05	-4.91	5.81	12.03	0.019048	4.59	14.00		0.53
AcquaMorta	valle	4 AQM-S4	Q50	36.90	2.35	4.84	5.15	0.31	5.15	0.31	4.12	5.29	0.005112	2.96	12.46	5.00	0.60
AcquaMorta	valle	4 AQM-S4	Q200	53.40	2.35	7.89	5.15	-2.74	5.15	-2.74	4.62	8.63	0.013178	3.81	14.00		0.52
AcquaMorta	valle	4 AQM-S4	Q500	64.20	2.35	10.42	5.15	-5.27	5.15	-5.27	4.91	11.50	0.019048	4.59	14.00		0.52
AcquaMorta	valle	3.9	Q50	36.90	2.37	4.89	4.64	-0.25	4.64	-0.25	3.94	5.27	0.007457	2.71	13.62		0.54
AcquaMorta	valle	3.9	Q200	53.40	2.37	7.84	4.64	-3.20	4.64	-3.20	4.38	8.63	0.015617	3.92	13.62		0.54
AcquaMorta	valle	3.9	Q500	64.20	2.37	10.35	4.64	-5.71	4.64	-5.71	4.64	11.49	0.022573	4.71	13.62		0.53
AcquaMorta	valle	3 AQM-S3	Q50	36.90	1.53	4.68	3.80	-0.88	3.80	-0.88	3.10	5.06	0.007457	2.71	13.62		0.49
AcquaMorta	valle	3 AQM-S3	Q200	53.40	1.53	7.40	3.80	-3.60	3.80	-3.60	3.54	8.19	0.015617	3.92	13.62		0.52
AcquaMorta	valle	3 AQM-S3	Q500	64.20	1.53	9.72	3.80	-5.92	3.80	-5.92	3.80	10.86	0.022573	4.71	13.62		0.53
AcquaMorta	valle	2.9	Q50	36.90	1.52	4.61	3.32	-1.29	3.32	-1.29	2.93	5.05	0.010502	2.93	12.60		0.53
AcquaMorta	valle	2.9	Q200	53.40	1.52	7.26	3.32	-3.94	3.32	-3.94	3.32	8.17	0.021993	4.24	12.60		0.57

HEC-RAS Plan: 04\_2022 (Continued)

River	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
AcquaMorta	valle	2.9	Q500	64.20	1.52	9.51	3.32	-6.19	3.32	-6.19	3.32	10.83	0.031789	5.10	12.60		0.58
AcquaMorta	valle	2.1	Q50	36.90	1.10	4.47	2.90	-1.57	2.90	-1.57	2.51	4.90	0.010502	2.93	12.60		0.51
AcquaMorta	valle	2.1	Q200	53.40	1.10	6.95	2.90	-4.05	2.90	-4.05	2.90	7.87	0.021993	4.24	12.60		0.56
AcquaMorta	valle	2.1	Q500	64.20	1.10	9.06	2.90	-6.16	2.90	-6.16	2.90	10.39	0.031789	5.10	12.60		0.58
AcquaMorta	valle	2 AQM-S2	Q50	36.90	1.10	4.50	3.00	-1.50	3.00	-1.50	2.51	4.89	0.008899	2.77	13.30		0.48
AcquaMorta	valle	2 AQM-S2	Q200	53.40	1.10	7.01	3.00	-4.01	3.00	-4.01	2.91	7.83	0.018636	4.01	13.30		0.53
AcquaMorta	valle	2 AQM-S2	Q500	64.20	1.10	9.16	3.00	-6.16	3.00	-6.16	3.00	10.34	0.026937	4.83	13.30		0.54
AcquaMorta	valle	1.3	Q50	36.90	0.81	3.86	2.31	-1.55	2.31	-1.55	2.23	4.49	0.018399	3.51	10.50		0.64
AcquaMorta	valle	1.3	Q200	53.40	0.81	5.68	2.31	-3.37	2.31	-3.37	2.31	7.00	0.038532	5.08	10.50		0.74
AcquaMorta	valle	1.3	Q500	64.20	0.81	7.24	2.31	-4.93	2.31	-4.93	2.31	9.14	0.055694	6.11	10.50		0.77
AcquaMorta	valle	1.2 AQM-S1.2	Q50	36.90	0.81	2.88	2.31	-0.57	2.31	-0.57	2.31	4.40	0.050434	5.47	6.75		1.21
AcquaMorta	valle	1.2 AQM-S1.2	Q200	53.40	0.81	3.62	2.31	-1.31	2.31	-1.31	2.31	6.81	0.105621	7.91	6.75		1.51
AcquaMorta	valle	1.2 AQM-S1.2	Q500	64.20	0.81	4.25	2.31	-1.94	2.31	-1.94	2.31	8.86	0.152664	9.51	6.75		1.64
AcquaMorta	valle	1 AQM-S1	Q50	36.90	0.70	2.20	2.20	0.00	2.20	0.00	2.20	3.72	0.026796	5.46	6.76	4.50	1.42
AcquaMorta	valle	1 AQM-S1	Q200	53.40	0.70	2.20	2.20	0.00	2.20	0.00	2.20	5.39	0.056393	7.91	6.75	4.50	2.06
AcquaMorta	valle	1 AQM-S1	Q500	64.20	0.70	2.20	2.20	0.00	2.20	0.00	2.20	6.81	0.081521	9.51	6.75	4.50	2.48