

COMUNE DI S. VITO AL TAGLIAMENTO
(Provincia di Pordenone)

**STUDIO GEOLOGICO-TECNICO
DEL TERRITORIO COMUNALE**
relativo al P.R.G.C. variante di revisione
in adeguamento alla L.R. 52/91

Allegato 2

Verifiche idrauliche

Roggia Selvata

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- G E O L O G O -

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ROGGIA SELVATA

Tempo di ritorno 10 anni

Sezione n°	D (m)	Q (mc/s)	Z (m)	H (m)	V (m/s)	Fr
1		4.80	16.95	17.38	1.58	0.79
2	330	4.80	17.82	18.24	1.79	0.91
3	390	4.80	18.20	18.54	3.71	2.86
3.1	5	4.80	18.50	18.88	3.04	1.58
3.15	Bridge					
3.2	0.5	4.80	18.50	19.23	1.57	0.59
3.3	5	4.80	18.50	19.33	0.89	0.37
5	500	4.80	18.70	19.51	1.06	0.40
5.1	10	4.80	18.80	19.51	1.02	0.40
5.15	Bridge					
5.2	0.5	4.80	18.80	19.52	1.01	0.40
5.3	8	4.80	18.85	19.52	1.09	0.44
5.5	200	4.80	19.77	20.21	2.03	1.00
5.6	4	4.80	19.77	20.28	1.73	0.80
6	100	4.80	19.89	20.22	2.92	1.77
6.1	4.5	4.80	19.99	20.32	2.76	1.65
6.15	Bridge					
6.2	0.5	4.80	19.99	20.67	1.15	0.50
6.3	15	4.80	20.19	20.65	1.94	1.01
7	690	4.80	21.72	22.33	1.87	0.88
7.1	15	2.80	22.15	22.50	0.83	0.45
7.15	Bridge					
7.2	0.5	2.80	22.15	22.69	0.54	0.24
7.3	15	2.80	21.95	22.69	0.49	0.21
9	470	2.80	22.74	23.10	1.41	0.78
10	1050	2.80	24.42	24.65	2.68	1.86
10.1	17.5	2.80	24.67	24.93	2.48	1.65
10.15	Bridge					
10.2	0.5	2.80	24.67	24.91	2.67	1.83
10.3	10	2.80	24.80	25.19	1.77	1.01
11	100	2.80	24.90	25.46	1.14	0.55

D: distanza dalla sezione precedente
Q: portata in mc/s
Z: quota del fondo del canale in m. slm
H: quota della lama d'acqua in m. slm
V: velocità del flusso in m/s
Fr: numero di Froude

ROGGIA SELVATA

Tempo di ritorno 30 anni

Sezione n°	D (m)	Q (mc/s)	Z (m)	H (m)	V (m/s)	Fr
1		5.60	16.95	17.42	1.67	0.80
2	330	5.60	17.82	18.28	1.90	0.93
3	390	5.60	18.20	18.57	3.82	2.85
3.1	5	5.60	18.50	18.92	3.20	1.58
3.15	Bridge					
3.2	0.5	5.60	18.50	19.31	1.65	0.59
3.3	5	5.60	18.50	19.42	0.89	0.35
5	500	5.60	18.70	19.59	1.11	0.40
5.1	10	5.60	18.80	19.60	1.05	0.39
5.15	Bridge					
5.2	0.5	5.60	18.80	19.60	1.04	0.39
5.3	8	5.60	18.85	19.60	1.12	0.43
5.5	200	5.60	19.77	20.26	2.13	1.00
5.6	4	5.60	19.77	20.33	1.82	0.80
6	100	5.60	19.89	20.25	3.09	1.80
6.1	4.5	5.60	19.99	20.34	2.93	1.69
6.15	Bridge					
6.2	0.5	5.60	19.99	20.75	1.16	0.48
6.3	15	5.60	20.19	20.70	2.02	1.01
7	690	5.60	21.72	22.38	1.97	0.89
7.1	15	3.60	22.15	22.57	0.91	0.46
7.15	Bridge					
7.2	0.5	3.60	22.15	22.78	0.59	0.24
7.3	15	3.60	21.95	22.79	0.53	0.22
9	470	3.60	22.74	23.16	1.56	0.81
10	1050	3.60	24.42	24.69	2.92	1.90
10.1	17.5	3.60	24.67	24.98	2.56	1.55
10.15	Bridge					
10.2	0.5	3.60	24.67	25.26	1.23	0.56
10.3	10	3.60	24.80	25.25	1.90	1.01
11	100	3.60	24.90	25.53	1.26	0.57

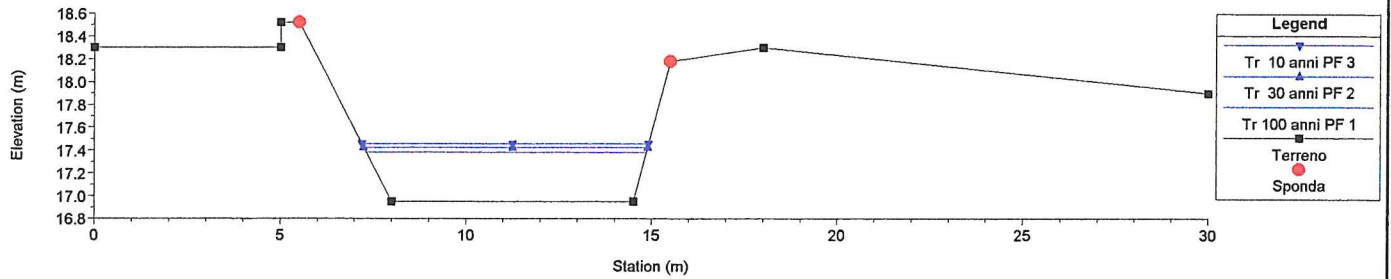
D: distanza dalla sezione precedente
Q: portata in mc/s
Z: quota del fondo del canale in m. slm
H: quota della lama d'acqua in m. slm
V: velocità del flusso in m/s
Fr: numero di Froude

ROGGIA SELVATA
Tempo di ritorno 100 anni

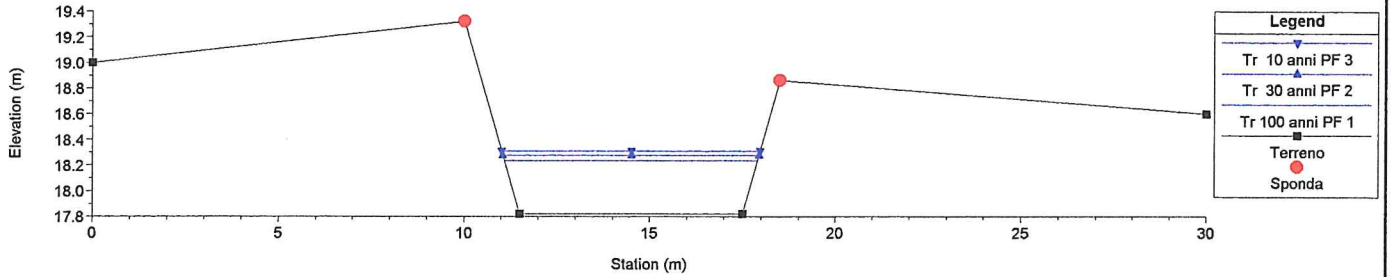
Sezione n°	D (m)	Q (mc/s)	Z (m)	H (m)	V (m/s)	Fr
1		6.30	16.95	17.46	1.74	0.81
2	330	6.30	17.82	18.31	1.98	0.94
3	390	6.30	18.20	18.58	4.08	3.00
3.1	5	6.30	18.50	18.95	3.33	1.58
3.15	Bridge					
3.2	0.5	6.30	18.50	19.38	1.72	0.59
3.3	5	6.30	18.50	19.50	0.90	0.34
5	500	6.30	18.70	19.65	1.15	0.40
5.1	10	6.30	18.80	19.67	1.08	0.39
5.15	Bridge					
5.2	0.5	6.30	18.80	19.67	1.07	0.39
5.3	8	6.30	18.85	19.67	1.15	0.42
5.5	200	6.30	19.77	20.30	2.20	1.00
5.6	4	6.30	19.77	20.38	1.90	0.81
6	100	6.30	19.89	20.27	3.22	1.82
6.1	4.5	6.30	19.99	20.37	3.07	1.72
6.15	Bridge					
6.2	0.5	6.30	19.99	20.82	1.16	0.46
6.3	15	6.30	20.19	20.74	2.09	1.01
7	690	6.30	21.72	22.42	2.05	0.90
7.1	15	4.30	22.15	22.62	0.96	0.46
7.15	Bridge					
7.2	0.5	4.30	22.15	22.86	0.62	0.24
7.3	15	4.30	21.95	22.87	0.56	0.22
9	470	4.30	22.74	23.20	1.68	0.84
10	1050	4.30	24.42	24.72	3.07	1.89
10.1	17.5	4.30	24.67	25.01	2.74	1.59
10.15	Bridge					
10.2	0.5	4.30	24.67	25.34	1.25	0.54
10.3	10	4.30	24.80	25.30	2.00	1.01
11	100	4.30	24.90	25.59	1.34	0.58

D: distanza dalla sezione precedente
Q: portata in mc/s
Z: quota del fondo del canale in m. slm
H: quota della lama d'acqua in m. slm
V: velocità del flusso in m/s
Fr: numero di Froude

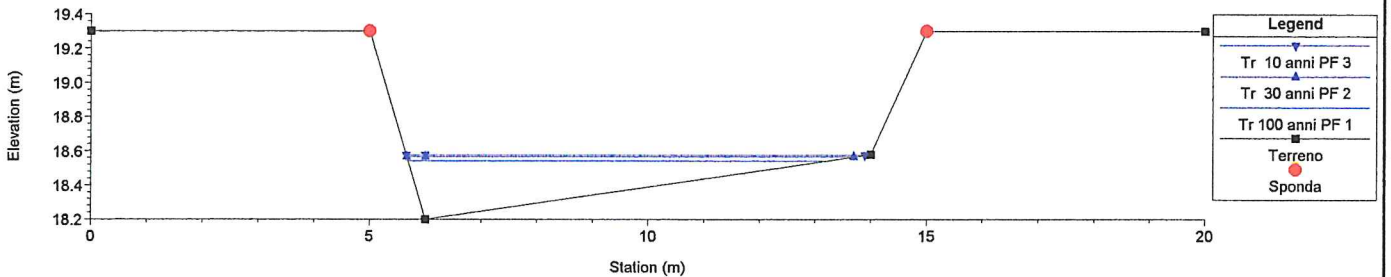
River = Roggia Selvata Reach = unico RS = 1
ROGGIA SELVATA



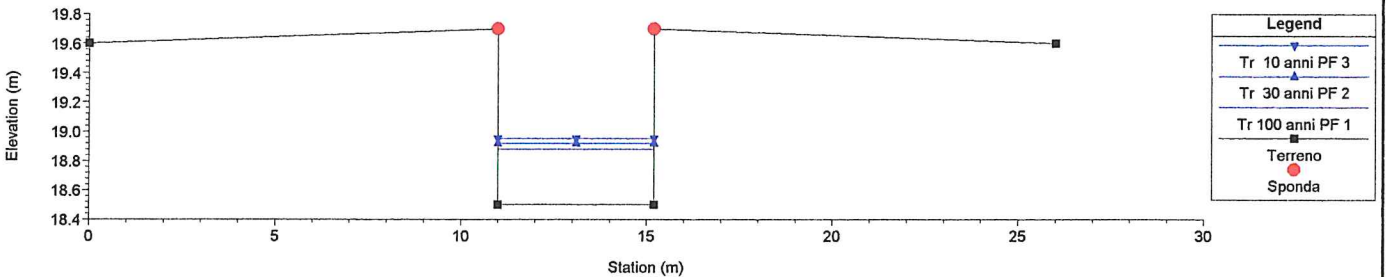
River = Roggia Selvata Reach = unico RS = 2
ROGGIA SELVATA



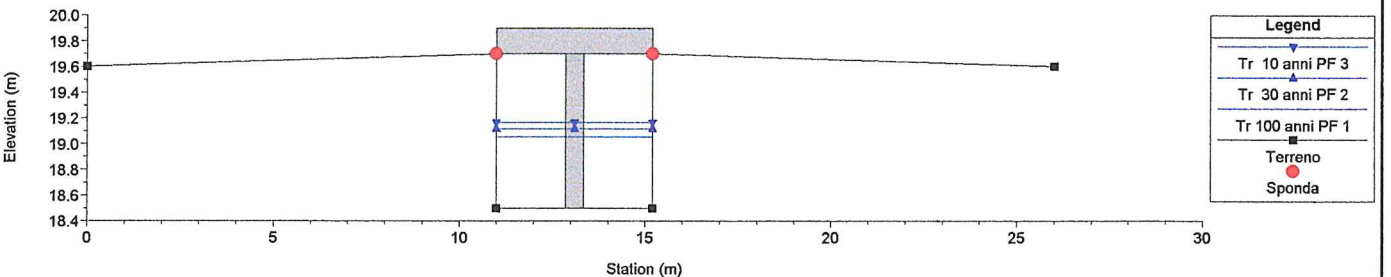
River = Roggia Selvata Reach = unico RS = 3
ROGGIA SELVATA



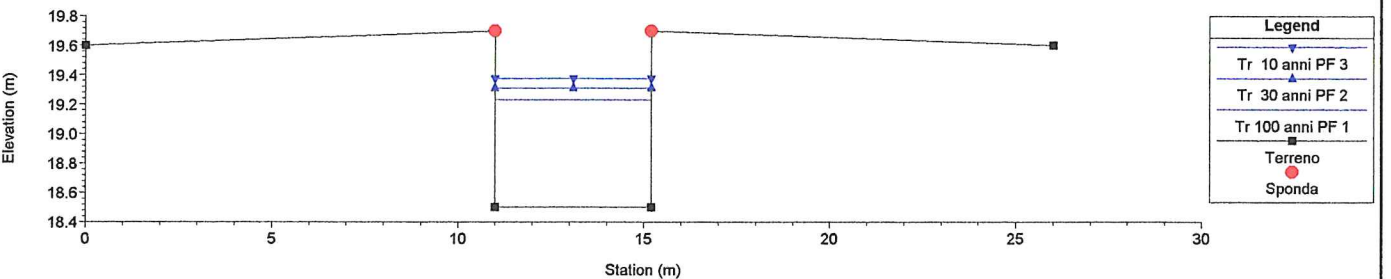
River = Roggia Selvata Reach = unico RS = 3.1
ROGGIA SELVATA



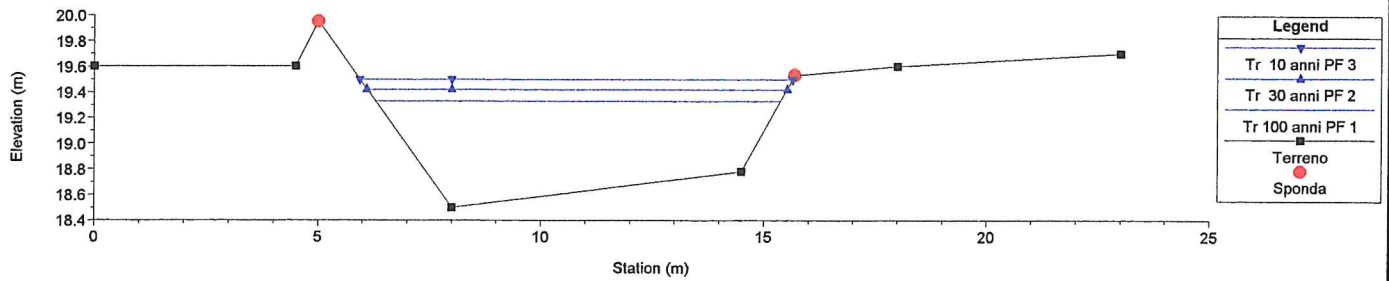
River = Roggia Selvata Reach = unico RS = 3.15
ROGGIA SELVATA



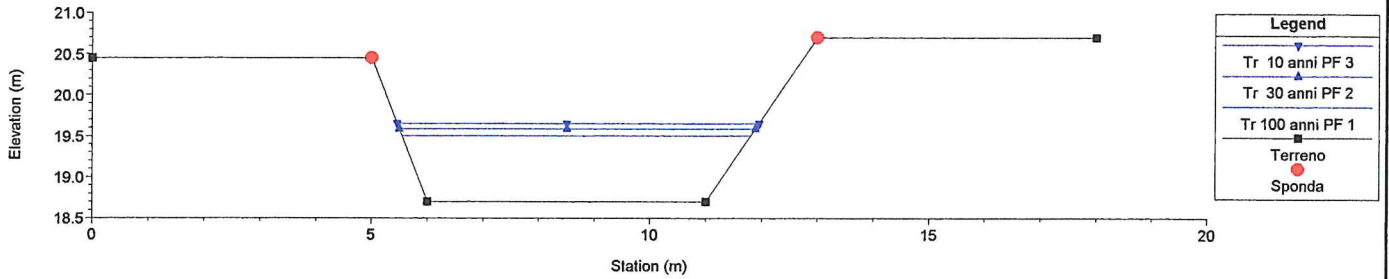
River = Roggia Selvata Reach = unico RS = 3.2
ROGGIA SELVATA



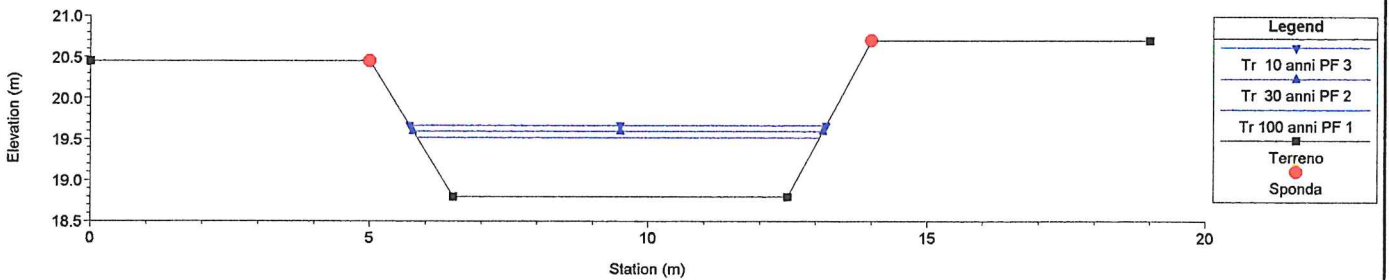
River = Roggia Selvata Reach = unico RS = 3.3
ROGGIA SELVATA



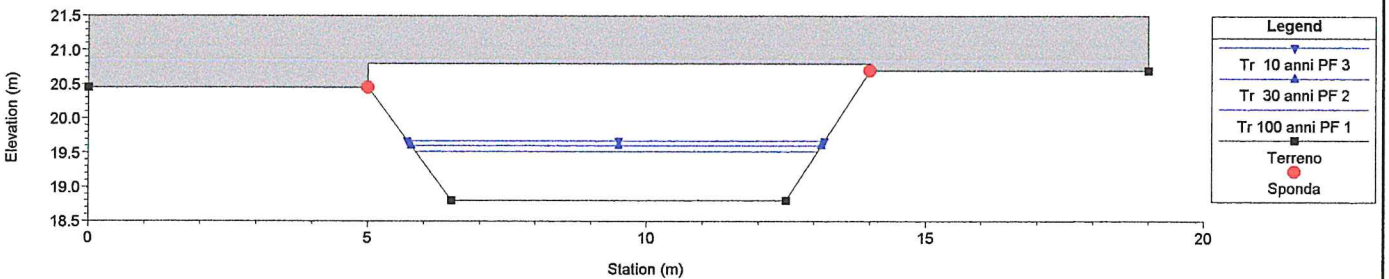
River = Roggia Selvata Reach = unico RS = 5
ROGGIA SELVATA



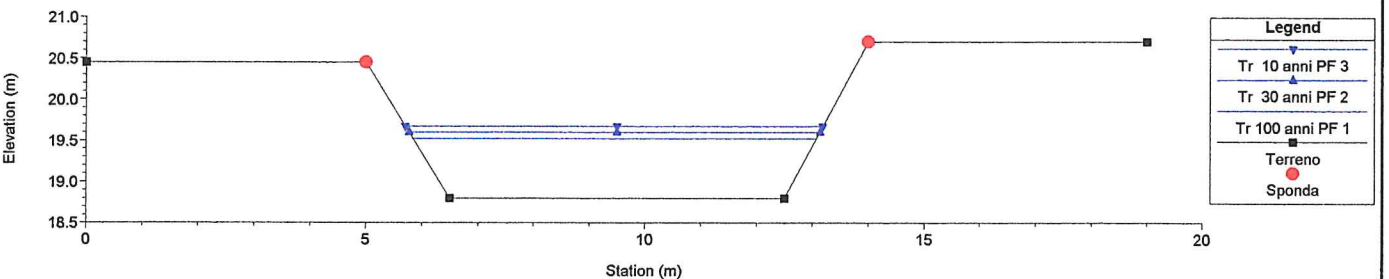
River = Roggia Selvata Reach = unico RS = 5.1
ROGGIA SELVATA



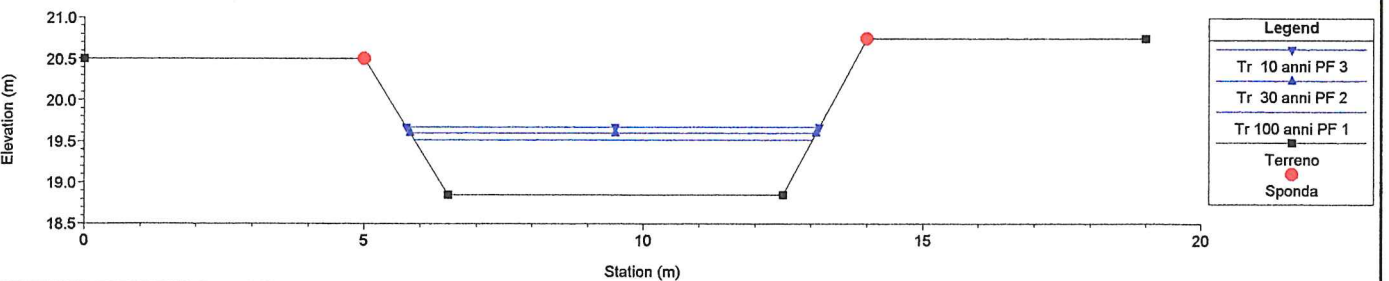
River = Roggia Selvata Reach = unico RS = 5.15
ROGGIA SELVATA

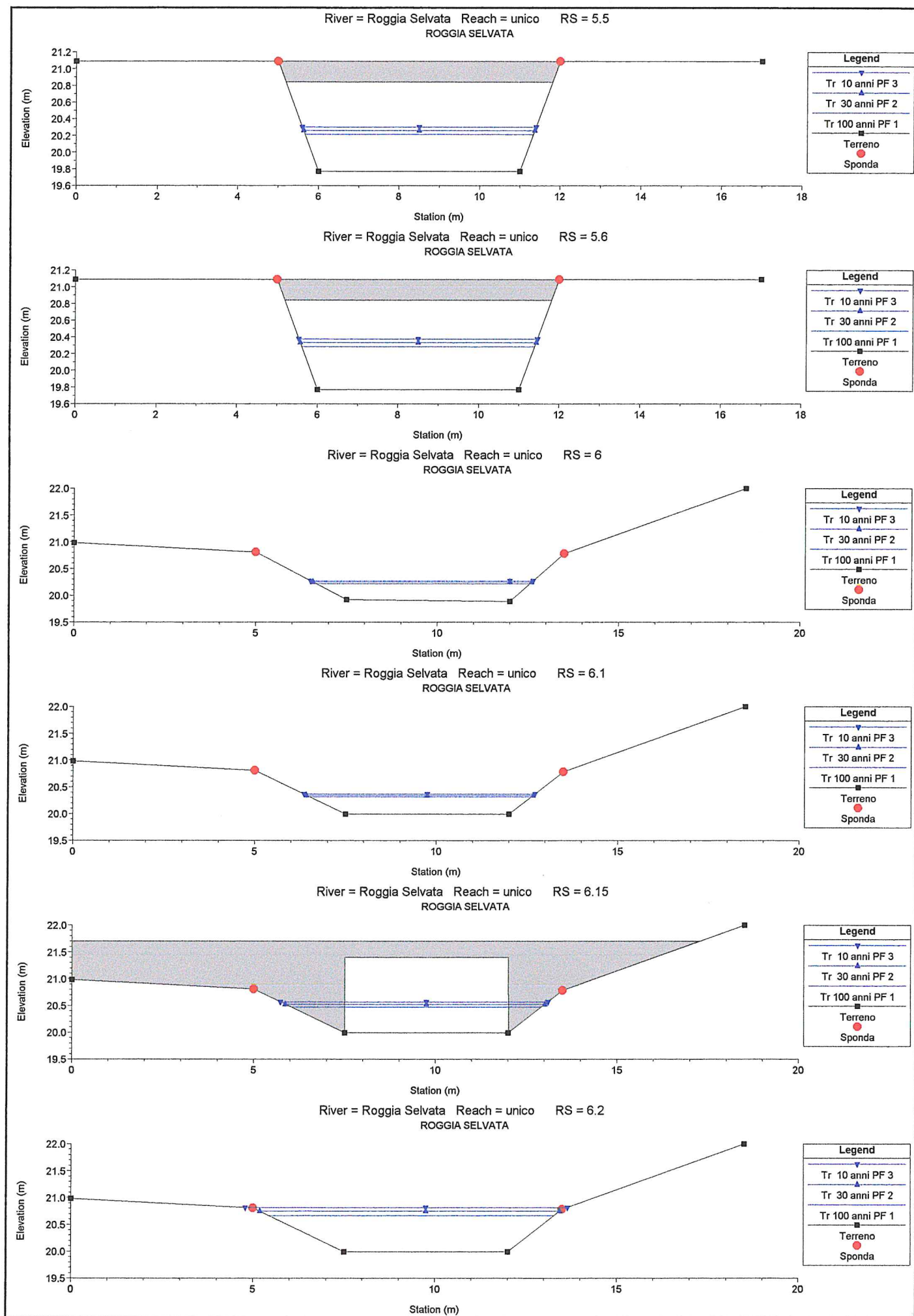


River = Roggia Selvata Reach = unico RS = 5.2
ROGGIA SELVATA

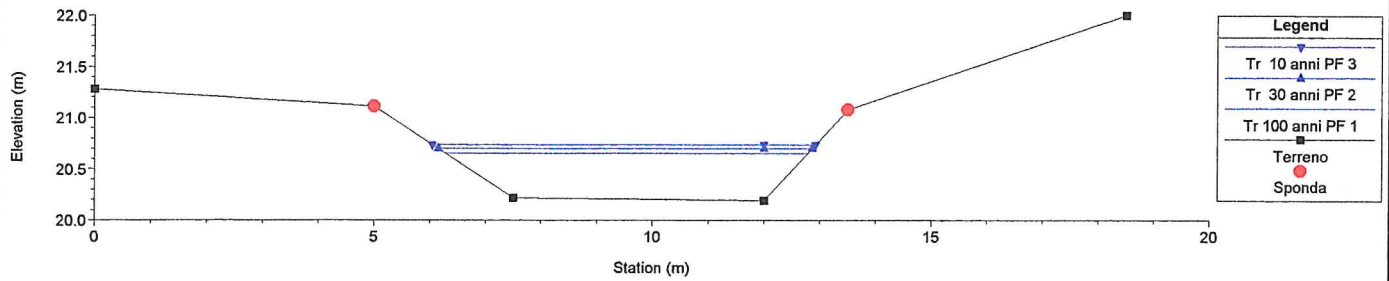


River = Roggia Selvata Reach = unico RS = 5.3
ROGGIA SELVATA

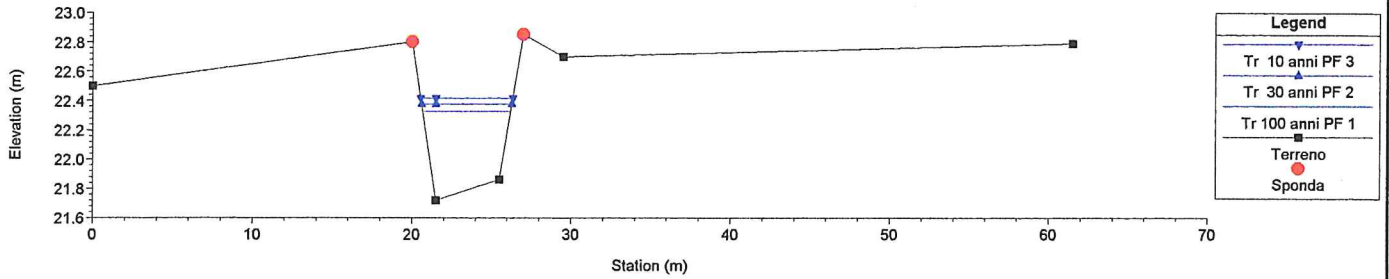




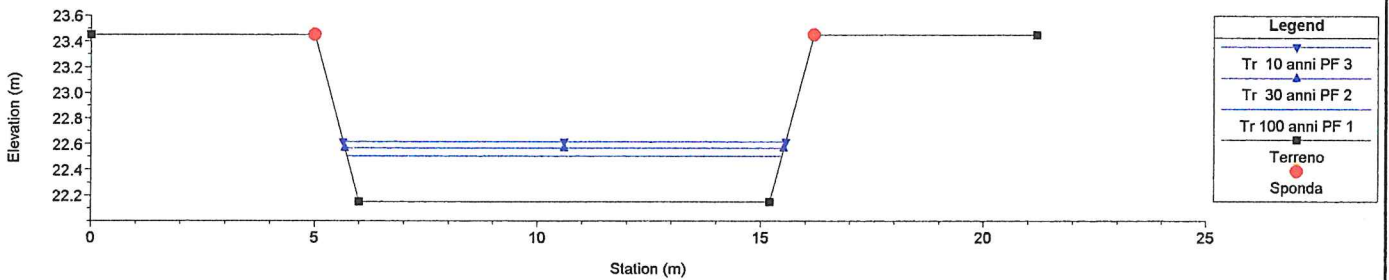
River = Roggia Selvata Reach = unico RS = 6.3
ROGGIA SELVATA



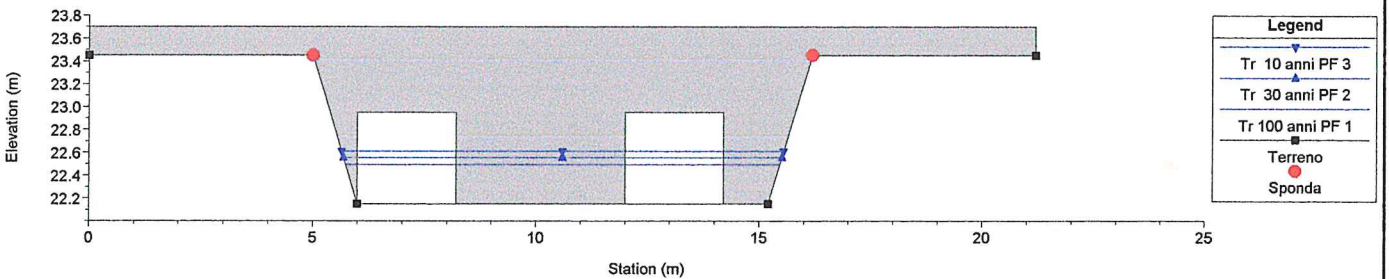
River = Roggia Selvata Reach = unico RS = 7
ROGGIA SELVATA



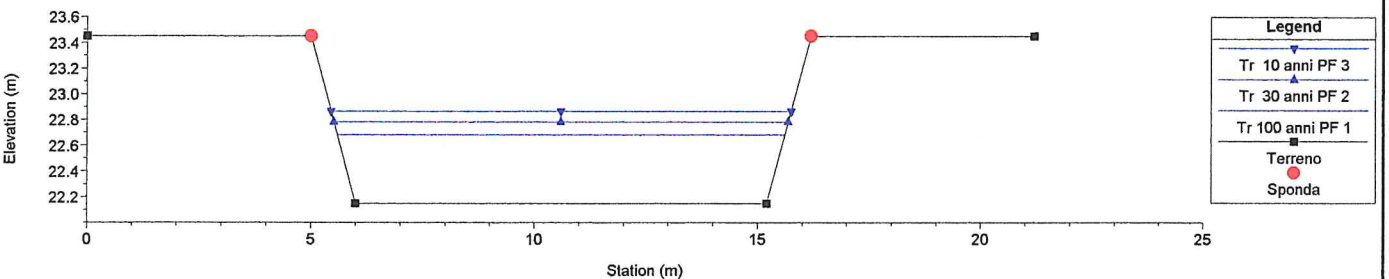
River = Roggia Selvata Reach = unico RS = 7.1
ROGGIA SELVATA



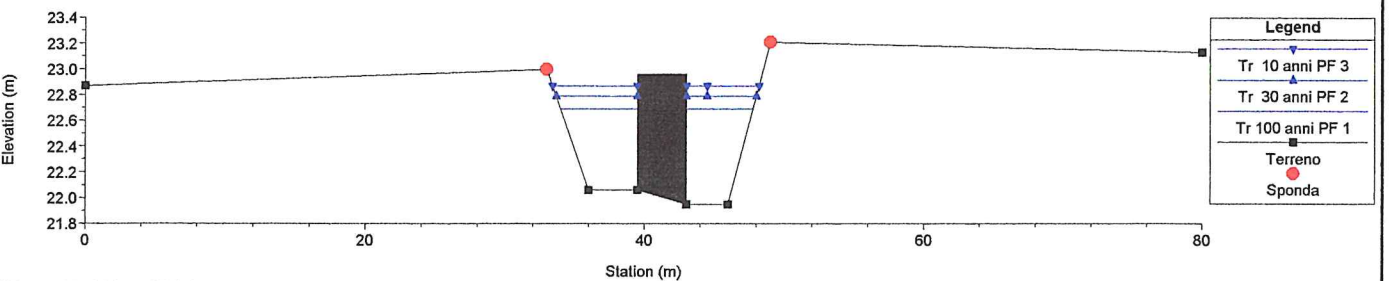
River = Roggia Selvata Reach = unico RS = 7.15
ROGGIA SELVATA

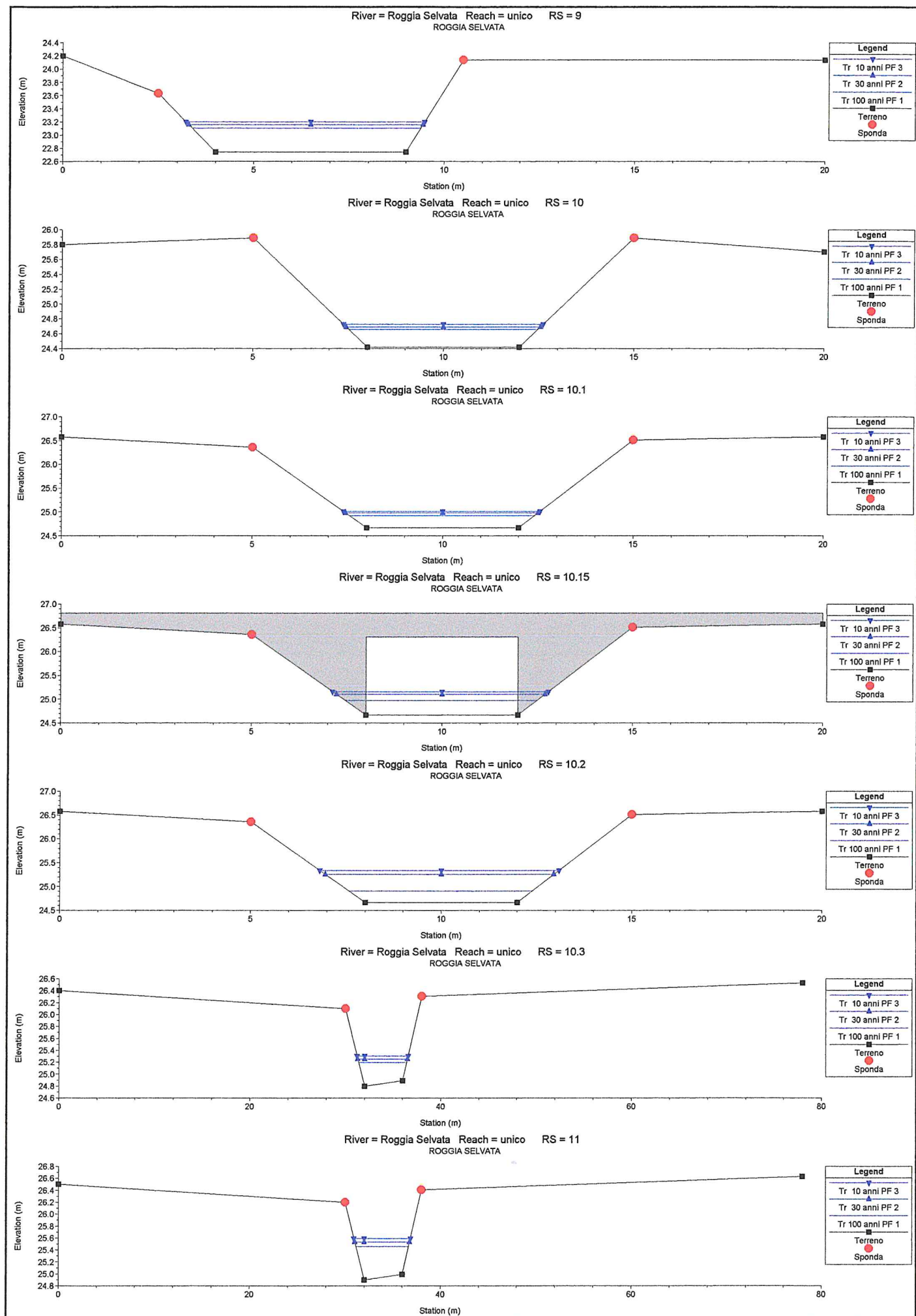


River = Roggia Selvata Reach = unico RS = 7.2
ROGGIA SELVATA



River = Roggia Selvata Reach = unico RS = 7.3
ROGGIA SELVATA





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Roggia del Molino

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e mail: pivetta@gateqnet.conecta.it

ROGGIA DEL MOLINO

Tempo di ritorno 10 anni

Sezione n°	D (m)	Q (mc/s)	Z (m)	H (m)	V (m/s)	Fr
2		4.50	19.30	20.09	0.89	0.35
3	450	4.50	20.10	20.97	0.81	0.31
3.8*	280	4.50	20.58	21.61	0.87	0.31
4	170	4.50	20.70	21.78	0.90	0.31
4.75*	320	4.50	21.06	22.25	0.79	0.27
6	430	4.50	21.65	22.80	0.69	0.23
7.1	400	4.50	22.84	23.60	1.17	0.43
7.2	7	4.50	23.27	23.54	2.49	1.53
7.25	Bridge					
7.3	0.5	4.50	23.29	23.82	1.32	0.59
7.4	5	4.50	23.29	23.86	1.26	0.55
7.5	150	4.50	23.61	24.61	1.20	0.48
8	300	4.50	24.55	25.19	1.29	0.56
9	500	4.50	25.41	26.07	1.27	0.54
10.1	300	4.50	25.60	26.74	0.92	0.33
10.2	5	4.50	25.44	26.77	0.62	0.17
10.25	Bridge					
10.3	0.5	4.50	25.54	26.77	0.66	0.19
10.4	5	4.50	25.60	26.76	0.91	0.34
11.1	300	3.00	25.98	27.06	0.53	0.19
11.2	4	3.00	26.04	27.06	0.68	0.22
11.3	4	3.00	26.04	27.06	0.68	0.21
11.4	4	3.00	26.20	27.08	0.54	0.21
11.88*	240	3.00	26.60	27.48	0.72	0.30
13	710	3.00	27.54	28.56	0.71	0.26

D: distanza dalla sezione precedente

Q: portata in mc/s

Z: quota del fondo del canale in m. slm

H: quota della lama d'acqua in m. slm

V: velocità del flusso in m/s

Fr: numero di Froude

ROGGIA DEL MOLINO

Tempo di ritorno 30 anni

Sezione n°	D (m)	Q (mc/s)	Z (m)	H (m)	V (m/s)	Fr
2		5.24	19.30	20.16	0.94	0.36
3	450	5.24	20.10	21.04	0.85	0.31
3.8*	280	5.24	20.58	21.69	0.92	0.31
4	170	5.24	20.70	21.87	0.95	0.32
4.75*	320	5.24	21.06	22.34	0.83	0.27
6	430	5.24	21.65	22.90	0.73	0.23
7.1	400	5.24	22.84	23.68	1.25	0.44
7.2	7	5.24	23.27	23.57	2.61	1.52
7.25	Bridge					
7.3	0.5	5.24	23.29	23.88	1.39	0.59
7.4	5	5.24	23.29	23.91	1.34	0.55
7.5	150	5.24	23.61	24.67	1.27	0.49
8	300	5.24	24.55	25.26	1.34	0.55
9	500	5.24	25.41	26.13	1.35	0.55
10.1	300	5.24	25.60	26.81	0.98	0.34
10.2	5	5.24	25.44	26.85	0.68	0.18
10.25	Bridge					
10.3	0.5	5.24	25.54	26.85	0.73	0.20
10.4	5	5.24	25.60	26.84	0.96	0.34
11.1	300	3.74	25.98	27.17	0.59	0.20
11.2	4	3.74	26.04	27.16	0.77	0.23
11.3	4	3.74	26.04	27.17	0.77	0.23
11.4	4	3.74	26.20	27.19	0.58	0.21
11.88*	240	3.74	26.60	27.57	0.77	0.30
13	710	3.74	27.54	28.68	0.77	0.26

D: distanza dalla sezione precedente

Q: portata in mc/s

Z: quota del fondo del canale in m. slm

H: quota della lama d'acqua in m. slm

V: velocità del flusso in m/s

Fr: numero di Froude

ROGGIA DEL MOLINO

Tempo di ritorno 100 anni

Sezione n°	D (m)	Q (mc/s)	Z (m)	H (m)	V (m/s)	Fr
2		5.91	19.30	20.22	0.97	0.36
3	450	5.91	20.10	21.11	0.88	0.31
3.8*	280	5.91	20.58	21.76	0.96	0.32
4	170	5.91	20.70	21.94	0.99	0.32
4.75*	320	5.91	21.06	22.41	0.87	0.27
6	430	5.91	21.65	22.98	0.76	0.23
7.1	400	5.91	22.84	23.74	1.32	0.44
7.2	7	5.91	23.27	23.60	2.72	1.53
7.25	Bridge					
7.3	0.5	5.91	23.29	23.92	1.45	0.59
7.4	5	5.91	23.29	23.96	1.41	0.56
7.5	150	5.91	23.61	24.72	1.33	0.50
8	300	5.91	24.55	25.32	1.38	0.55
9	500	5.91	25.41	26.17	1.42	0.56
10.1	300	5.91	25.60	26.88	1.03	0.34
10.2	5	5.91	25.44	26.91	0.73	0.19
10.25	Bridge					
10.3	0.5	5.91	25.54	26.92	0.78	0.21
10.4	5	5.91	25.60	26.91	1.00	0.35
11.1	300	4.41	25.98	27.25	0.63	0.21
11.2	4	4.41	26.04	27.24	0.85	0.25
11.3	4	4.41	26.04	27.25	0.85	0.25
11.4	4	4.41	26.20	27.27	0.60	0.21
11.88*	240	4.41	26.60	27.65	0.82	0.31
13	710	4.41	27.54	28.78	0.82	0.27

D: distanza dalla sezione precedente

Q: portata in mc/s

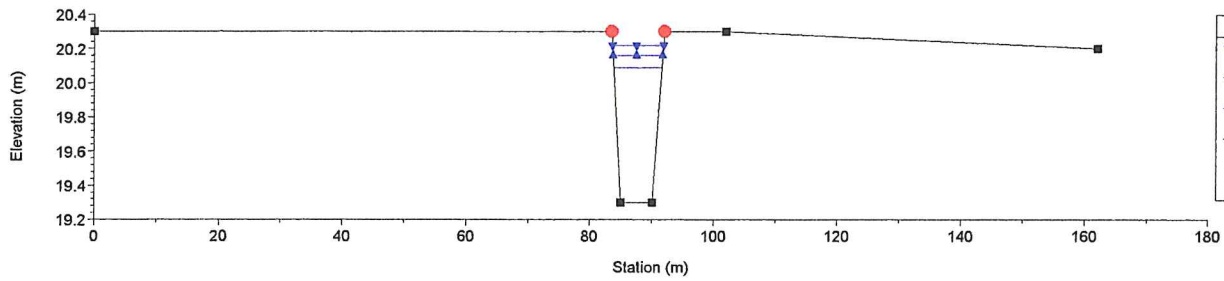
Z: quota del fondo del canale in m. slm

H: quota della lama d'acqua in m. slm

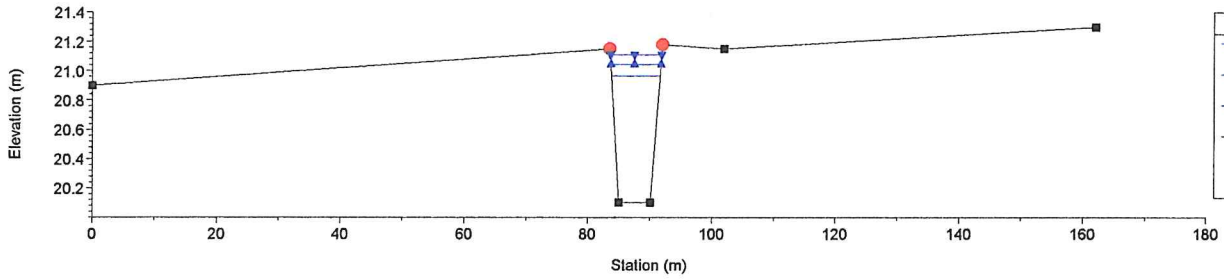
V: velocità del flusso in m/s

Fr: numero di Froude

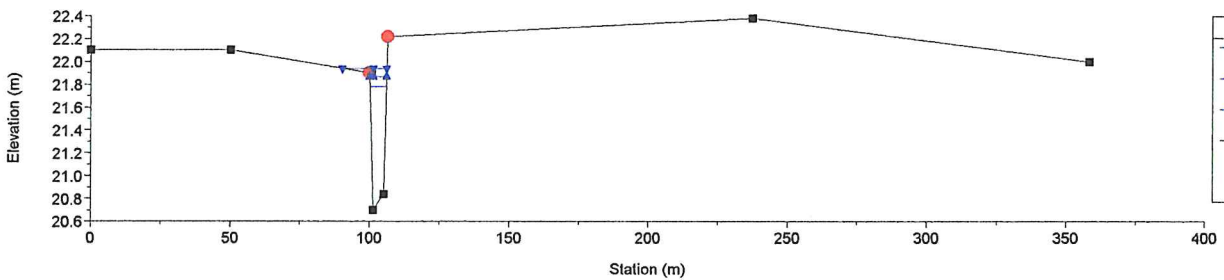
River = Roggia del Molin Reach = Unico RS = 2
ROGGIA DEL MOLINO



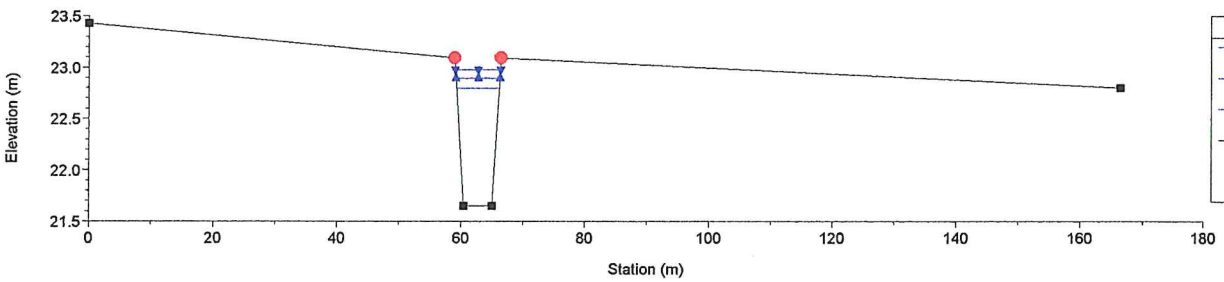
River = Roggia del Molin Reach = Unico RS = 3
ROGGIA DEL MOLINO



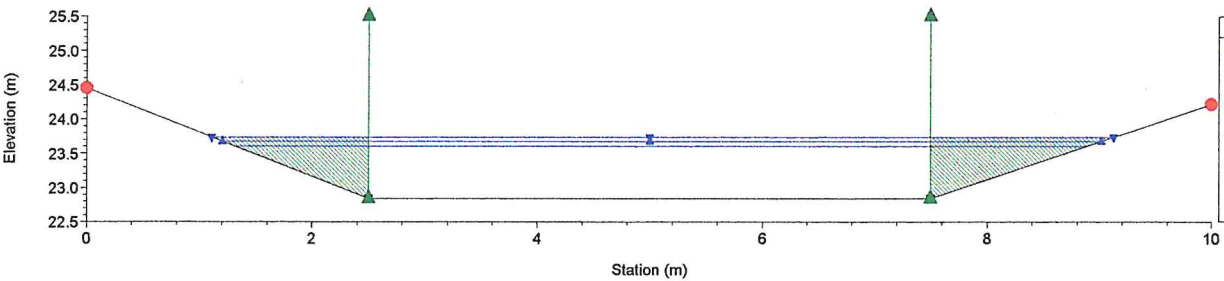
River = Roggia del Molin Reach = Unico RS = 4
ROGGIA DEL MOLINO



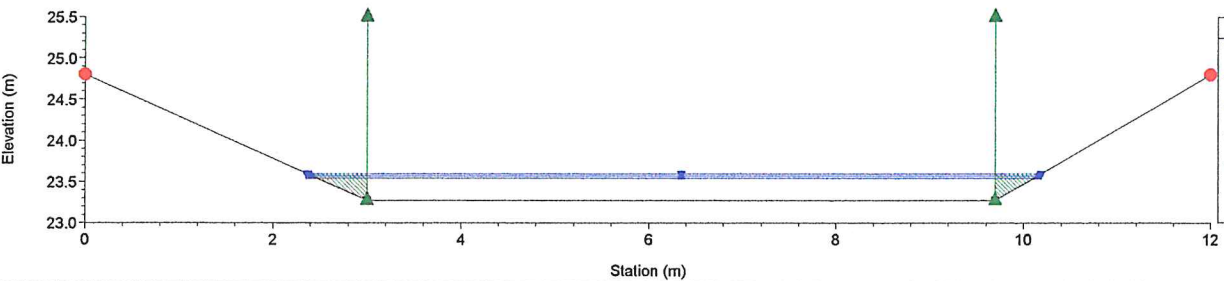
River = Roggia del Molin Reach = Unico RS = 6
ROGGIA DEL MOLINO



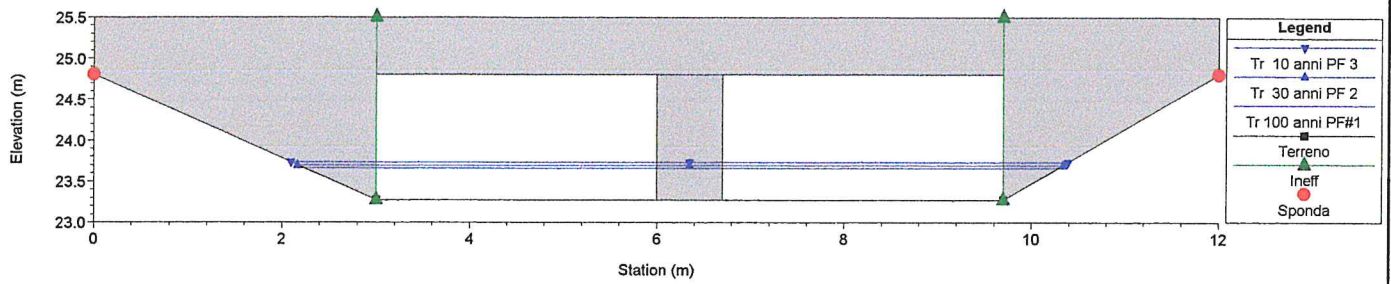
River = Roggia del Molin Reach = Unico RS = 7.1
ROGGIA DEL MOLINO



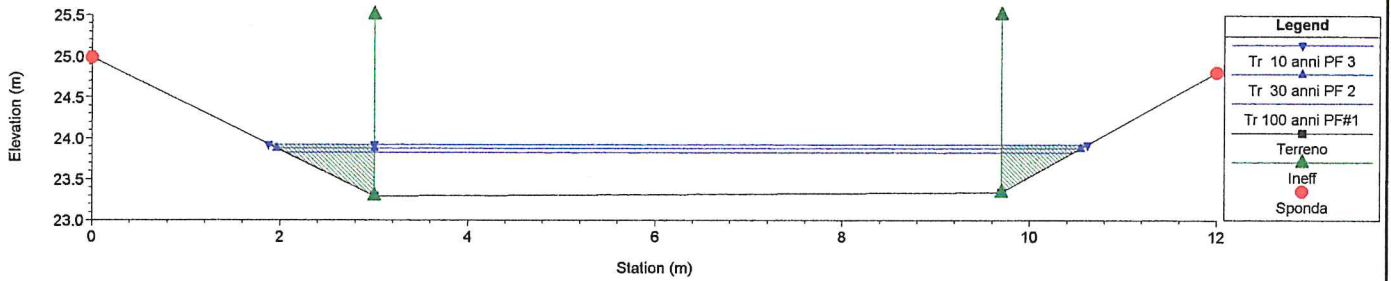
River = Roggia del Molin Reach = Unico RS = 7.2
ROGGIA DEL MOLINO



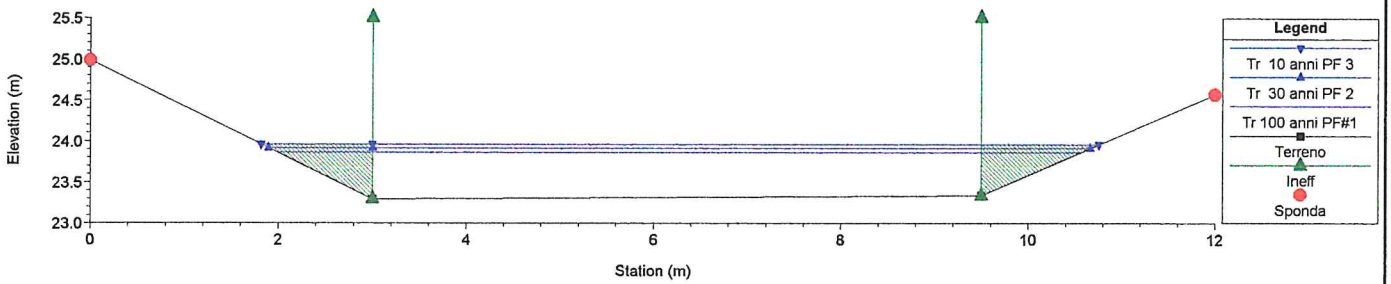
River = Roggia del Molin Reach = Unico RS = 7.25
ROGGIA DEL MOLINO



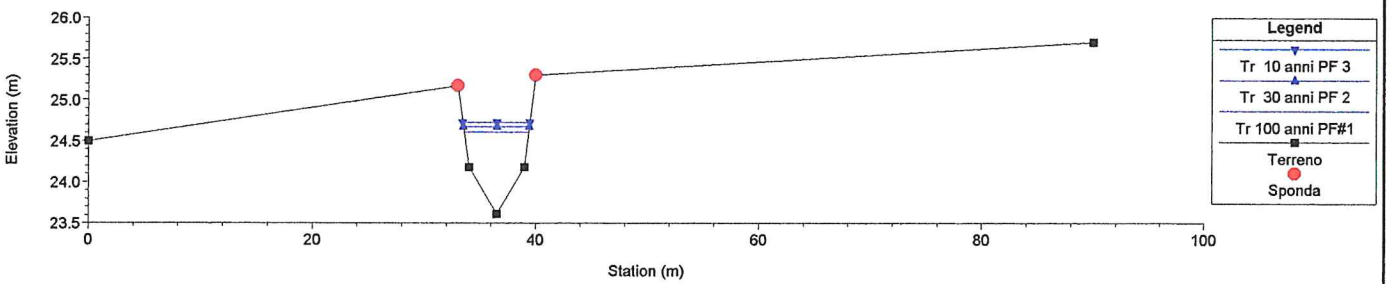
River = Roggia del Molin Reach = Unico RS = 7.3
ROGGIA DEL MOLINO



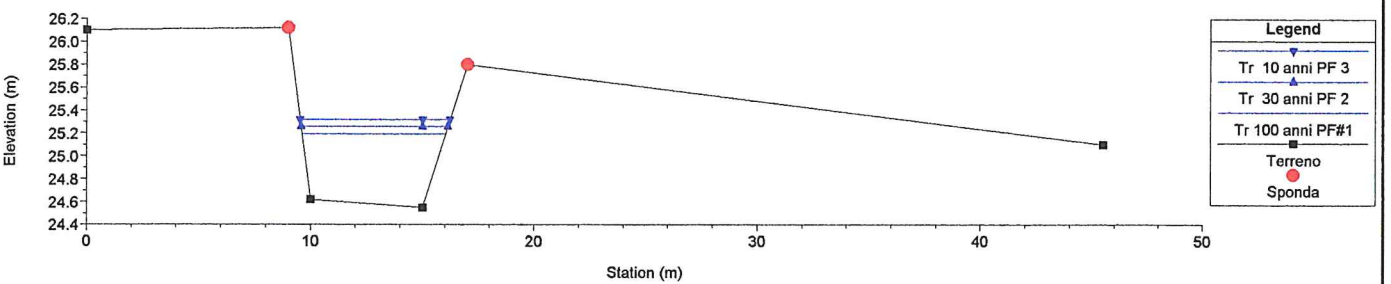
River = Roggia del Molin Reach = Unico RS = 7.4
ROGGIA DEL MOLINO



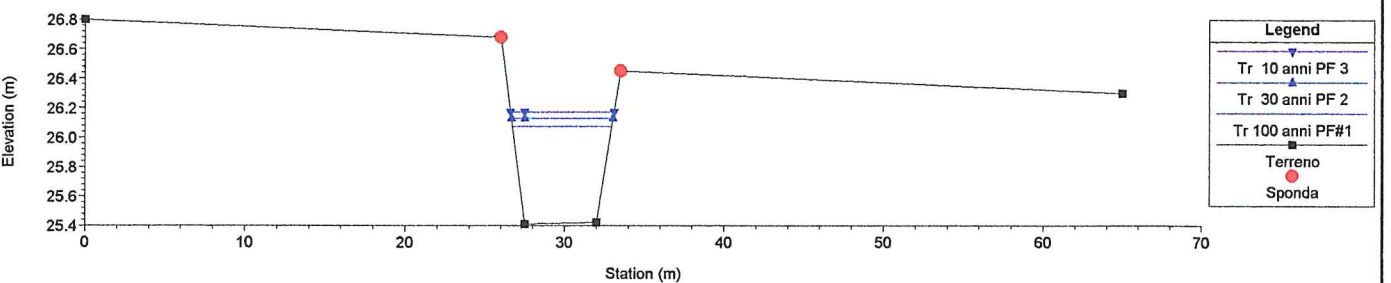
River = Roggia del Molin Reach = Unico RS = 7.5
ROGGIA DEL MOLINO

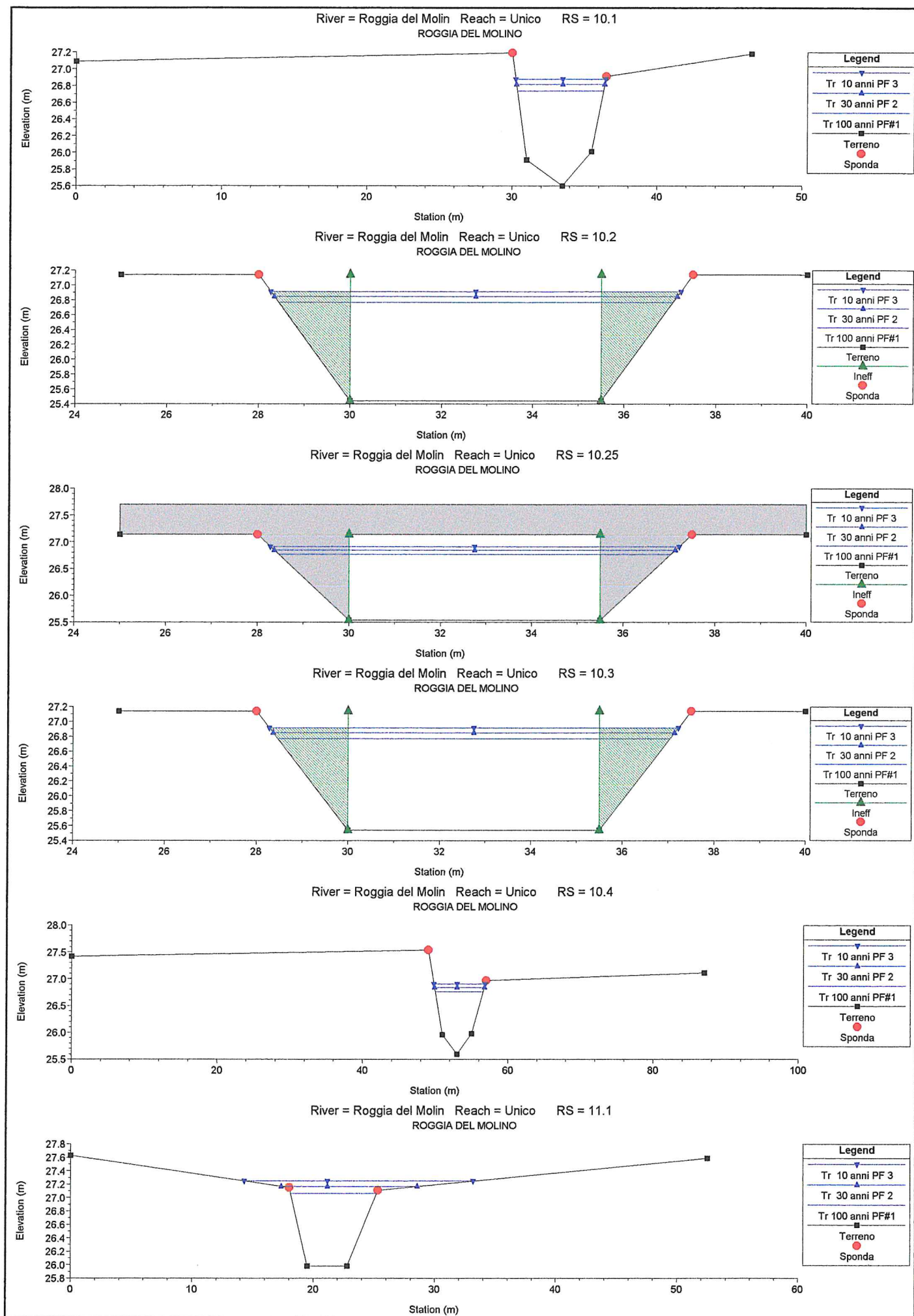


River = Roggia del Molin Reach = Unico RS = 8
ROGGIA DEL MOLINO

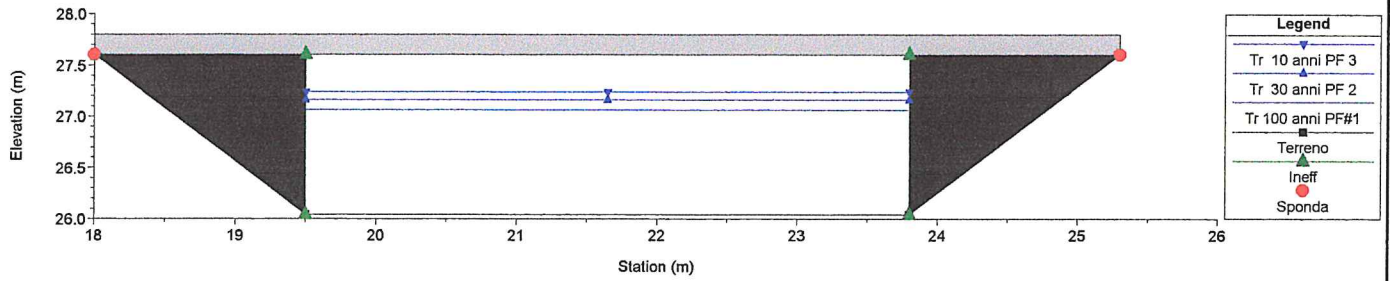


River = Roggia del Molin Reach = Unico RS = 9
ROGGIA DEL MOLINO

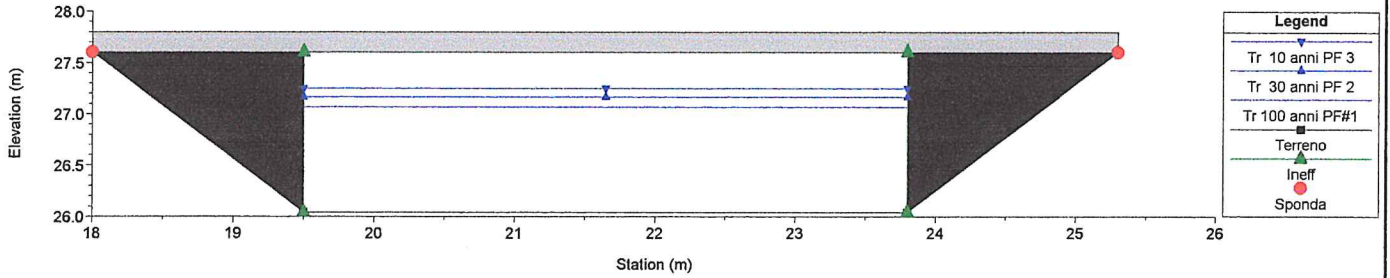




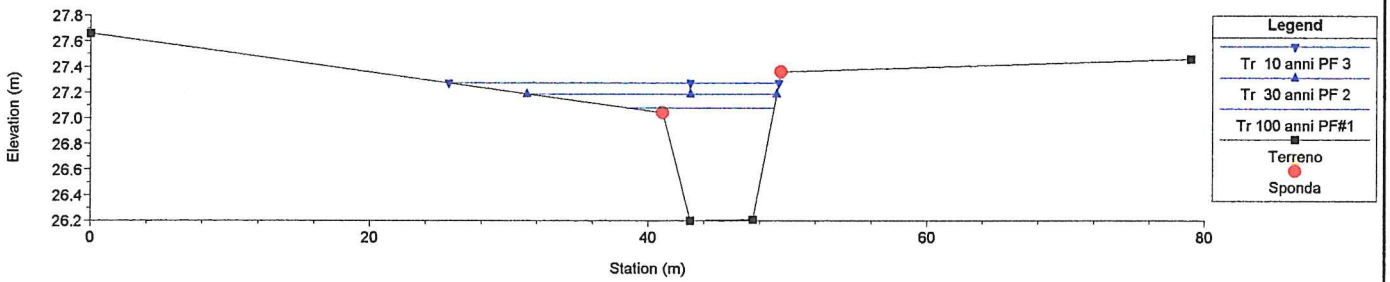
River = Roggia del Molin Reach = Unico RS = 11.2
ROGGIA DEL MOLINO



River = Roggia del Molin Reach = Unico RS = 11.3
ROGGIA DEL MOLINO



River = Roggia del Molin Reach = Unico RS = 11.4
ROGGIA DEL MOLINO



River = Roggia del Molin Reach = Unico RS = 13
ROGGIA DEL MOLINO

