

COMUNE DI BORGO SAN LORENZO  
Provincia di Firenze




PROGETTO:

STUDIO IDROLOGICO IDRAULICO DI SUPPORTO  
AL REGOLAMENTO URBANISTICO DEL COMUNE DI BORGO SAN LORENZO  
E ADEGUAMENTO AL PIANO ASSETTO IDROLOGICO

OGGETTO:

TABULATI DELLE VERIFICHE IDRAULICHE FOSSO SAGGINALE  
ALLO STATO ATTUALE

ELABORATO: A06	REV: 00	DATA: Aprile 2016	SCALA: -	NUMERO COMMESSA: PH_16_0756	NOME FILE: A06.pdf
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 Divisione PHYSIS INGEGNERIA PER L'AMBIENTE Via Bonifacio Lupi, 1 - 50129 - FIRENZE Tel. 055 4684253 / 055 461429 Fax. 055 4627182 Email. segreteria.firenze@physis.net Pec. segreteria.physis@pec.it	PROGETTISTA: Dott. Ing. David Settesoldi	COLLABORATORI: Ing. Martina Alderighi Geom. Daniele Natali
	COMMITTENTE: Comune di Borgo San Lorenzo Piazza Dante, 2 50032 Borgo San Lorenzo (FI)	

REV.	DATA	DESCRIZIONE MODIFICHE
02		
01		
00	18/04/16	PRIMA EMISSIONE

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## INDICE

Tabulati verifiche idrauliche $Tr = 30$ anni.....	1
Tabulati verifiche idrauliche $Tr = 100$ anni.....	5
Tabulati verifiche idrauliche $Tr = 200$ anni.....	9
Tabulati verifiche idrauliche $Tr = 500$ anni.....	13

Tabulati verifiche idrauliche  $T_r = 30$  anni

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
SAGGINALE	SA0001_	0.0	6.7	0.00	189.47	0.92	1.85	1.00	189.67	0.19	2.4	0.38	9.5	9.5	9.8	0.28	0.36	0.37	96.63	1.1	1.3	
SAGGINALE	SA0002_	24.6	6.7	0.00	187.29	1.12	2.24	1.00	187.57	0.28	2.8	0.56	5.4	5.4	6.1	0.38	0.30	0.30	0.49	118.42	1.1	1.3
SAGGINALE	SA0003_A	59.4	4.9	1.81	186.42	1.53	0.96	0.49	186.48	0.06	2.8	0.58	8.8	8.8	10.7	0.43	0.51	0.51	0.48	212.87	1.3	1.9
SAGGINALE	SA0003_B	60.5	3.0	1.85	186.15	1.26	2.29	1.00	186.43	0.28	1.3	0.75	2.3	2.3	5.5	0.48	0.13	0.13	0.24	201.22	1.1	1.3
SAGGINALE	SA0004_C	141.4	2.2	0.88	183.11	1.46	2.01	1.01	183.26	0.22	1.5	9999.99	4.4	4.4	7.6	0.82	0.13	0.13	0.30	211.00	1.1	1.3
SAGGINALE	SA0004_D	142.5	0.9	3.18	182.04	0.65	0.67	0.86	182.04	0.02	0.6	0.48	4.3	4.3	4.6	0.27	0.21	0.21	0.45	77.61	1.1	1.2
SAGGINALE	SA0005_A	174.1	0.7	1.09	182.03	1.06	0.36	0.25	182.03	0.01	1.1	0.53	5.6	5.6	6.1	0.36	0.30	0.30	0.49	96.47	1.1	1.3
SAGGINALE	SA0005_B	175.1	0.7	0.00	182.03	1.06	2.25	1.00	182.03	0.28	0.3	9999.99	3.9	3.9	6.0	0.58	0.06	0.06	0.20	195.14	1.2	1.6
SAGGINALE	SA0005_C	179.2	0.7	0.36	182.03	1.06	2.22	1.00	182.03	0.27	0.3	9999.99	3.9	3.9	6.0	0.58	0.06	0.06	0.20	193.53	1.2	1.6
SAGGINALE	SA0005_D	180.3	3.3	0.01	181.76	0.79	1.96	1.00	181.97	0.21	1.2	0.42	4.0	4.0	4.4	0.28	0.17	0.17	0.38	77.86	1.1	1.3
SAGGINALE	SA0006_	246.1	1.2	2.13	181.23	0.41	0.60	0.66	181.24	0.02	0.5	0.28	9.0	9.0	9.0	0.16	0.26	0.26	0.28	60.59	1.1	1.2
SAGGINALE	SA0007_A	303.3	1.1	0.00	181.05	0.54	1.02	0.62	181.10	0.06	0.4	0.30	3.9	3.9	4.1	0.21	0.12	0.12	0.28	83.93	1.1	1.2
SAGGINALE	SA0007_	308.3	1.1	0.00	180.92	0.41	1.56	1.05	181.05	0.13	0.3	0.26	2.8	2.8	2.9	0.16	0.07	0.07	0.25	67.89	1.1	1.2
SAGGINALE	SA0008_	383.5	1.1	0.00	179.64	0.71	0.62	0.31	179.66	0.02	0.6	0.44	4.1	4.1	4.5	0.28	0.18	0.18	0.40	88.43	1.1	1.2

Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF1	0.00	SF36	0.00	SF71	0.00	SF106	0.00	SF141	0.00	SF176	0.00	SF211	0.00
SF2	0.00	SF37	0.00	SF72	0.00	SF107	0.00	SF142	0.00	SF177	0.00	SF212	0.00
SF3	0.00	SF38	0.00	SF73	0.00	SF108	0.00	SF143	0.00	SF178	0.00	SF213	0.00
SF4	0.00	SF39	0.44	SF74	0.00	SF109	0.00	SF144	0.00	SF179	0.00	SF214	0.00
SF5	0.00	SF40	0.44	SF75	0.00	SF110	0.00	SF145	0.00	SF180	0.00	SF215	0.00
SF6	0.00	SF41	1.06	SF76	0.00	SF111	0.00	SF146	0.00	SF181	0.00	SF216	0.00
SF7	0.00	SF42	1.06	SF77	0.00	SF112	0.00	SF147	0.00	SF182	0.00	SF217	0.00
SF8	0.00	SF43	1.06	SF78	0.00	SF113	0.00	SF148	0.00	SF183	0.00	SF218	0.00
SF9	0.00	SF44	0.00	SF79	0.00	SF114	0.00	SF149	0.00	SF184	0.00	SF219	0.00
SF10	0.00	SF45	0.00	SF80	0.00	SF115	0.00	SF150	0.00	SF185	0.00	SF220	0.00
SF11	0.00	SF46	0.00	SF81	0.00	SF116	0.00	SF151	0.00	SF186	0.00	SF221	0.00
SF12	0.00	SF47	0.00	SF82	0.00	SF117	0.00	SF152	0.00	SF187	0.00	SF222	0.00
SF13	0.00	SF48	0.00	SF83	0.00	SF118	0.00	SF153	0.00	SF188	0.00	SF223	0.00
SF14	0.00	SF49	0.00	SF84	0.00	SF119	0.06	SF154	0.00	SF189	0.00	SF224	0.00
SF15	0.00	SF50	0.00	SF85	0.00	SF120	0.06	SF155	0.00	SF190	0.00	SF225	0.00
SF16	0.10	SF51	0.00	SF86	0.00	SF121	0.11	SF156	0.00	SF191	0.00	SF226	0.00
SF17	0.10	SF52	0.00	SF87	0.00	SF122	0.11	SF157	0.00	SF192	0.00	SF227	0.00
SF18	0.10	SF53	0.00	SF88	0.00	SF123	0.06	SF158	0.00	SF193	0.00	SF228	0.00
SF19	0.00	SF54	0.00	SF89	0.00	SF124	0.12	SF159	0.00	SF194	0.00	SF229	0.00
SF20	1.85	SF55	-0.16	SF90	0.00	SF125	0.12	SF160	0.00	SF195	0.00	SF230	0.00
SF21	0.50	SF56	0.05	SF91	0.00	SF126	0.13	SF161	0.00	SF196	0.00	SF231	0.00
SF22	0.45	SF57	0.06	SF92	0.00	SF127	0.12	SF162	0.00	SF197	0.00	SF232	0.00
SF23	0.39	SF58	0.11	SF93	0.00	SF128	0.15	SF163	0.00	SF198	0.00	SF233	0.00
SF24	0.24	SF59	0.08	SF94	0.00	SF129	0.19	SF164	0.00	SF199	0.00	SF234	0.00
SF25	0.00	SF60	0.08	SF95	0.00	SF130	0.27	SF165	0.00	SF200	0.00	SF235	0.00
SF26	0.00	SF61	0.09	SF96	0.00	SF131	0.00	SF166	0.00	SF201	0.00		
SF27	0.00	SF62	0.02	SF97	0.00	SF132	0.00	SF167	0.00	SF202	0.00		
SF28	0.00	SF63	0.04	SF98	0.00	SF133	0.00	SF168	0.00	SF203	0.00		
SF29	0.00	SF64	0.10	SF99	0.00	SF134	0.00	SF169	0.00	SF204	0.00		
SF30	0.00	SF65	0.05	SF100	0.00	SF135	0.00	SF170	0.00	SF205	0.00		
SF31	0.00	SF66	0.03	SF101	0.00	SF136	0.00	SF171	0.00	SF206	0.00		
SF32	0.00	SF67	0.00	SF102	0.00	SF137	0.36	SF172	0.00	SF207	0.00		
SF33	0.00	SF68	0.00	SF103	0.00	SF138	0.36	SF173	0.00	SF208	0.00		
SF34	0.00	SF69	0.00	SF104	0.00	SF139	0.36	SF174	0.00	SF209	0.00		
SF35	0.00	SF70	0.00	SF105	0.00	SF140	0.36	SF175	0.00	SF210	0.00		

Cassa	H [m]	V [m <sup>3</sup> ]	s [m <sup>3</sup> /s]
BIDI	176.58	3902.26	10.78
MONDO	100.00	0.00	0.00

Portella	s [m <sup>3</sup> /s]

Idrovora	s [m <sup>3</sup> /s]

Tabulati verifiche idrauliche  $T_r = 100$  anni

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
SAGGINALE	SA0001_	0.0	8.7	0.00	189.56	1.00	1.94	1.00	189.77	0.21	3.2	0.42	10.7	10.7	10.9	0.31	0.45	0.45	0.41	98.37	1.1	1.3
SAGGINALE	SA0002_	24.6	8.6	0.00	187.39	1.22	2.42	1.00	187.71	0.32	3.8	0.65	5.5	5.5	6.4	0.42	0.36	0.36	0.56	119.32	1.1	1.3
SAGGINALE	SA0003_A	59.4	5.5	3.06	186.48	1.59	0.99	0.49	186.54	0.06	3.2	0.64	8.8	8.8	10.7	0.45	0.56	0.56	0.53	213.21	1.3	1.9
SAGGINALE	SA0003_B	60.5	3.4	2.18	186.19	1.30	2.36	1.06	186.49	0.29	1.5	0.77	2.3	2.3	5.6	0.47	0.14	0.14	0.25	202.67	1.1	1.3
SAGGINALE	SA0004_C	141.4	2.3	1.04	183.12	1.48	2.04	1.01	183.28	0.23	1.6	9999.99	4.4	4.4	7.6	0.82	0.14	0.14	0.30	203.48	1.1	1.3
SAGGINALE	SA0004_D	142.5	1.5	5.69	182.15	0.77	0.89	0.82	182.15	0.04	0.8	0.57	4.5	4.5	4.8	0.32	0.26	0.26	0.54	82.61	1.1	1.2
SAGGINALE	SA0005_A	174.1	0.7	3.17	182.15	1.17	0.36	0.23	182.15	0.01	1.5	0.62	5.9	5.9	6.4	0.41	0.37	0.37	0.57	98.54	1.1	1.3
SAGGINALE	SA0005_B	175.1	0.7	0.08	182.15	1.18	2.17	1.00	182.15	0.26	0.4	9999.99	6.0	6.0	8.1	0.60	0.12	0.12	0.20	195.29	1.2	1.6
SAGGINALE	SA0005_C	179.2	0.7	0.97	182.15	1.18	2.30	1.01	182.15	0.29	0.4	9999.99	6.0	6.0	8.1	0.60	0.12	0.12	0.20	185.77	1.2	1.6
SAGGINALE	SA0005_D	180.3	4.3	0.00	181.87	0.89	2.04	1.01	182.09	0.23	1.6	0.45	4.7	4.7	5.2	0.31	0.21	0.21	0.41	88.78	1.1	1.3
SAGGINALE	SA0006_	246.1	1.4	3.02	181.26	0.44	0.60	0.50	181.27	0.02	0.6	0.32	9.0	9.0	9.0	0.17	0.29	0.29	0.32	60.76	1.1	1.2
SAGGINALE	SA0007_A	303.3	1.3	0.00	181.08	0.58	1.03	0.62	181.14	0.06	0.4	0.31	4.2	4.2	4.4	0.22	0.13	0.13	0.29	87.30	1.1	1.2
SAGGINALE	SA0007_	308.3	1.3	0.00	180.95	0.44	1.60	1.01	181.09	0.14	0.4	0.28	3.0	3.0	3.1	0.18	0.08	0.08	0.26	70.59	1.1	1.2
SAGGINALE	SA0008_	383.5	1.3	0.00	179.68	0.75	0.65	0.32	179.70	0.02	0.7	0.45	4.4	4.4	4.7	0.29	0.20	0.20	0.42	92.19	1.1	1.2



Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF1	0.00	SF36	0.00	SF71	0.00	SF106	0.00	SF141	0.00	SF176	0.00	SF211	0.00
SF2	0.00	SF37	0.00	SF72	0.00	SF107	0.00	SF142	0.00	SF177	0.00	SF212	0.00
SF3	0.00	SF38	0.00	SF73	0.00	SF108	0.00	SF143	0.00	SF178	0.00	SF213	0.00
SF4	0.00	SF39	0.52	SF74	0.00	SF109	0.00	SF144	0.00	SF179	0.00	SF214	0.00
SF5	0.00	SF40	0.52	SF75	0.00	SF110	0.00	SF145	0.00	SF180	0.00	SF215	0.00
SF6	0.00	SF41	1.90	SF76	0.00	SF111	0.00	SF146	0.00	SF181	0.00	SF216	0.00
SF7	0.00	SF42	1.90	SF77	0.00	SF112	0.00	SF147	0.00	SF182	0.00	SF217	0.00
SF8	0.00	SF43	1.90	SF78	0.00	SF113	0.00	SF148	0.00	SF183	0.00	SF218	0.00
SF9	0.00	SF44	0.08	SF79	0.00	SF114	0.00	SF149	0.00	SF184	0.00	SF219	0.00
SF10	0.00	SF45	0.08	SF80	0.00	SF115	0.00	SF150	0.00	SF185	0.00	SF220	0.00
SF11	0.00	SF46	0.08	SF81	0.00	SF116	0.00	SF151	0.00	SF186	0.00	SF221	0.00
SF12	0.00	SF47	0.08	SF82	0.00	SF117	0.00	SF152	0.00	SF187	0.00	SF222	0.00
SF13	0.00	SF48	0.00	SF83	0.00	SF118	0.00	SF153	0.00	SF188	0.00	SF223	0.00
SF14	0.00	SF49	0.00	SF84	0.00	SF119	0.09	SF154	0.00	SF189	0.00	SF224	0.00
SF15	0.00	SF50	0.00	SF85	0.00	SF120	0.10	SF155	0.00	SF190	0.00	SF225	0.00
SF16	0.30	SF51	0.00	SF86	0.00	SF121	0.07	SF156	0.00	SF191	0.00	SF226	0.00
SF17	0.30	SF52	0.00	SF87	0.00	SF122	0.07	SF157	0.00	SF192	0.00	SF227	0.00
SF18	0.30	SF53	0.00	SF88	0.00	SF123	0.09	SF158	0.00	SF193	0.00	SF228	0.00
SF19	0.00	SF54	0.00	SF89	0.00	SF124	0.14	SF159	0.00	SF194	0.00	SF229	0.00
SF20	2.18	SF55	0.20	SF90	0.00	SF125	0.15	SF160	0.00	SF195	0.00	SF230	0.00
SF21	0.82	SF56	0.09	SF91	0.00	SF126	0.18	SF161	0.00	SF196	0.00	SF231	0.00
SF22	0.59	SF57	0.10	SF92	0.00	SF127	0.17	SF162	0.00	SF197	0.00	SF232	0.00
SF23	0.49	SF58	0.15	SF93	0.00	SF128	0.20	SF163	0.00	SF198	0.00	SF233	0.00
SF24	0.25	SF59	0.11	SF94	0.00	SF129	0.26	SF164	0.00	SF199	0.00	SF234	0.00
SF25	0.00	SF60	0.11	SF95	0.00	SF130	0.37	SF165	0.00	SF200	0.00	SF235	0.00
SF26	0.00	SF61	0.12	SF96	0.00	SF131	0.00	SF166	0.00	SF201	0.00		
SF27	0.00	SF62	0.05	SF97	0.00	SF132	0.00	SF167	0.00	SF202	0.00		
SF28	0.00	SF63	0.06	SF98	0.00	SF133	0.00	SF168	0.00	SF203	0.00		
SF29	0.00	SF64	0.13	SF99	0.00	SF134	0.00	SF169	0.00	SF204	0.00		
SF30	0.00	SF65	0.07	SF100	0.00	SF135	0.00	SF170	0.00	SF205	0.00		
SF31	0.00	SF66	0.05	SF101	0.00	SF136	0.00	SF171	0.00	SF206	0.00		
SF32	0.00	SF67	0.00	SF102	0.00	SF137	0.97	SF172	0.00	SF207	0.00		
SF33	0.00	SF68	0.00	SF103	0.00	SF138	0.98	SF173	0.00	SF208	0.00		
SF34	0.00	SF69	0.00	SF104	0.00	SF139	0.98	SF174	0.00	SF209	0.00		
SF35	0.00	SF70	0.00	SF105	0.00	SF140	0.98	SF175	0.00	SF210	0.00		

Cassa	H [m]	V [m <sup>3</sup> ]	s [m <sup>3</sup> /s]
BIDI	176.63	5905.62	19.16
MONDO	100.00	0.00	0.00

Portella	s [m <sup>3</sup> /s]

Idrovora	s [m <sup>3</sup> /s]

Tabulati verifiche idrauliche  $T_r = 200$  anni

Tronchi	Sezioni	P [m]	q [m³/s]	s [m³/s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
SAGGINALE	SA0001_	0.0	10.1	0.00	189.61	1.06	1.99	1.00	189.83	0.22	3.9	0.44	11.5	11.5	11.7	0.32	0.51	0.51	0.43	99.33	1.1	1.3
SAGGINALE	SA0002_	24.6	10.1	0.00	187.46	1.29	2.54	1.00	187.82	0.36	4.6	0.71	5.6	5.6	6.6	0.44	0.40	0.40	0.61	117.60	1.1	1.3
SAGGINALE	SA0003_A	59.4	6.0	4.11	186.52	1.63	1.01	0.50	186.58	0.06	3.6	0.68	8.8	8.8	10.7	0.47	0.59	0.59	0.56	176.72	1.3	1.9
SAGGINALE	SA0003_B	60.5	3.6	2.43	186.22	1.33	2.41	1.00	186.53	0.30	1.6	9999.99	2.3	2.3	5.7	0.46	0.15	0.15	0.26	168.75	1.1	1.3
SAGGINALE	SA0004_C	141.4	2.4	1.15	183.13	1.49	2.28	1.03	183.29	0.28	1.7	9999.99	4.4	4.4	7.6	0.83	0.14	0.14	0.29	171.67	1.1	1.3
SAGGINALE	SA0004_D	142.5	1.3	7.30	182.21	0.83	0.87	0.76	182.21	0.04	1.0	0.63	4.5	4.5	4.9	0.34	0.28	0.28	0.59	84.64	1.1	1.2
SAGGINALE	SA0005_A	174.1	0.7	5.26	182.21	1.24	0.35	0.22	182.21	0.01	1.8	0.68	5.9	5.9	6.4	0.44	0.41	0.41	0.63	98.85	1.1	1.3
SAGGINALE	SA0005_B	175.1	0.7	0.31	182.21	1.24	1.97	0.91	182.21	0.22	0.6	9999.99	6.0	6.0	8.1	0.60	0.16	0.16	0.20	195.25	1.2	1.5
SAGGINALE	SA0005_C	179.2	0.8	1.43	182.22	1.25	2.43	1.04	182.22	0.33	0.6	9999.99	6.0	6.0	8.1	0.60	0.16	0.16	0.20	190.43	1.2	1.5
SAGGINALE	SA0005_D	180.3	5.0	0.05	181.92	0.95	2.08	1.01	182.16	0.24	1.9	0.47	5.1	5.1	5.6	0.33	0.24	0.24	0.43	93.25	1.1	1.3
SAGGINALE	SA0006_	246.1	1.5	3.50	181.30	0.48	0.56	0.43	181.32	0.02	0.7	0.35	9.0	9.0	9.0	0.19	0.32	0.32	0.35	60.98	1.1	1.1
SAGGINALE	SA0007_A	303.3	1.5	0.00	181.12	0.61	1.06	0.63	181.18	0.06	0.5	0.31	4.7	4.7	4.9	0.23	0.15	0.15	0.30	92.73	1.1	1.2
SAGGINALE	SA0007_	308.3	1.5	0.00	180.98	0.48	1.66	1.03	181.13	0.15	0.4	0.28	3.3	3.3	3.4	0.19	0.09	0.09	0.27	75.54	1.1	1.2
SAGGINALE	SA0008_	383.5	1.5	0.00	179.72	0.80	0.70	0.34	179.75	0.03	0.8	0.47	4.7	4.7	5.1	0.31	0.22	0.22	0.43	96.22	1.1	1.2

Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF1	0.00	SF36	0.00	SF71	0.00	SF106	0.00	SF141	0.01	SF176	0.00	SF211	0.00
SF2	0.00	SF37	0.00	SF72	0.00	SF107	0.00	SF142	0.01	SF177	0.00	SF212	0.00
SF3	0.00	SF38	0.00	SF73	0.00	SF108	0.00	SF143	0.01	SF178	0.00	SF213	0.00
SF4	0.00	SF39	0.57	SF74	0.00	SF109	0.00	SF144	0.00	SF179	0.00	SF214	0.00
SF5	0.00	SF40	0.57	SF75	0.00	SF110	0.00	SF145	0.00	SF180	0.00	SF215	0.00
SF6	0.00	SF41	2.43	SF76	0.00	SF111	0.00	SF146	0.00	SF181	0.00	SF216	0.00
SF7	0.00	SF42	2.42	SF77	0.00	SF112	0.00	SF147	0.00	SF182	0.00	SF217	0.00
SF8	0.00	SF43	2.41	SF78	0.00	SF113	0.00	SF148	0.00	SF183	0.00	SF218	0.00
SF9	0.00	SF44	0.31	SF79	0.00	SF114	0.00	SF149	0.00	SF184	0.00	SF219	0.00
SF10	0.00	SF45	0.31	SF80	0.00	SF115	0.00	SF150	0.00	SF185	0.00	SF220	0.00
SF11	0.00	SF46	0.31	SF81	0.00	SF116	0.00	SF151	0.00	SF186	0.00	SF221	0.00
SF12	0.00	SF47	0.31	SF82	0.00	SF117	0.00	SF152	0.00	SF187	0.00	SF222	0.00
SF13	0.00	SF48	0.00	SF83	0.00	SF118	0.00	SF153	0.00	SF188	0.00	SF223	0.00
SF14	0.00	SF49	0.00	SF84	0.00	SF119	0.12	SF154	0.00	SF189	0.00	SF224	0.00
SF15	0.00	SF50	0.00	SF85	0.00	SF120	0.12	SF155	0.00	SF190	0.00	SF225	0.00
SF16	0.49	SF51	0.00	SF86	0.00	SF121	0.10	SF156	0.00	SF191	0.00	SF226	0.00
SF17	0.49	SF52	0.00	SF87	0.00	SF122	0.11	SF157	0.00	SF192	0.00	SF227	0.00
SF18	0.49	SF53	0.00	SF88	0.00	SF123	0.12	SF158	0.00	SF193	0.00	SF228	0.00
SF19	0.00	SF54	0.00	SF89	0.00	SF124	0.17	SF159	0.00	SF194	0.00	SF229	0.00
SF20	2.43	SF55	0.22	SF90	0.00	SF125	0.18	SF160	0.00	SF195	0.00	SF230	0.00
SF21	1.07	SF56	0.11	SF91	0.00	SF126	0.21	SF161	0.00	SF196	0.00	SF231	0.00
SF22	0.68	SF57	0.13	SF92	0.00	SF127	0.20	SF162	0.00	SF197	0.00	SF232	0.00
SF23	0.57	SF58	0.18	SF93	0.00	SF128	0.23	SF163	0.00	SF198	0.00	SF233	0.00
SF24	0.31	SF59	0.13	SF94	0.00	SF129	0.28	SF164	0.00	SF199	0.00	SF234	0.00
SF25	0.00	SF60	0.13	SF95	0.00	SF130	0.39	SF165	0.00	SF200	0.00	SF235	0.00
SF26	0.00	SF61	0.14	SF96	0.00	SF131	0.01	SF166	0.00	SF201	0.00		
SF27	0.00	SF62	0.07	SF97	0.00	SF132	0.01	SF167	0.00	SF202	0.00		
SF28	0.00	SF63	0.08	SF98	0.00	SF133	0.01	SF168	0.00	SF203	0.00		
SF29	0.00	SF64	0.16	SF99	0.00	SF134	0.01	SF169	0.00	SF204	0.00		
SF30	0.00	SF65	0.08	SF100	0.00	SF135	0.01	SF170	0.00	SF205	0.00		
SF31	0.00	SF66	0.06	SF101	0.00	SF136	0.01	SF171	0.00	SF206	0.00		
SF32	0.00	SF67	0.00	SF102	0.00	SF137	1.43	SF172	0.00	SF207	0.00		
SF33	0.00	SF68	0.00	SF103	0.00	SF138	1.44	SF173	0.00	SF208	0.00		
SF34	0.00	SF69	0.00	SF104	0.00	SF139	1.44	SF174	0.00	SF209	0.00		
SF35	0.00	SF70	0.00	SF105	0.00	SF140	1.44	SF175	0.00	SF210	0.00		

Cassa	H [m]	V [m <sup>3</sup> ]	s [m <sup>3</sup> /s]
BIDI	176.67	7704.38	25.42
MONDO	100.00	0.00	0.00

Portella	s [m <sup>3</sup> /s]

Idrovora	s [m <sup>3</sup> /s]

Tabulati verifiche idrauliche  $T_r = 500$  anni

Tronchi	Sezioni	P [m]	q [m <sup>2</sup> /s]	s [m <sup>2</sup> /s]	h [m]	y [m]	V [m/s]	Fr	Et [m]	Ev [m]	Sp [t]	ym [m]	b [m]	bt [m]	B [m]	Pb [m]	A [dmq]	At [dmq]	R [m]	C2	β	α
SAGGINALE	SA0001_	0.0	12.5	0.00	189.69	1.14	2.07	1.00	189.93	0.24	5.0	0.48	12.6	12.6	12.9	0.34	0.60	0.60	0.47	100.45	1.1	1.3
SAGGINALE	SA0002_	24.6	12.5	0.00	187.57	1.40	2.71	1.00	187.98	0.40	5.9	0.81	5.7	5.7	6.8	0.49	0.46	0.46	0.67	115.36	1.1	1.3
SAGGINALE	SA0003_A	59.4	6.8	5.75	186.57	1.68	1.06	0.50	186.64	0.07	4.1	0.73	8.8	8.8	10.7	0.50	0.64	0.64	0.60	208.27	1.3	1.8
SAGGINALE	SA0003_B	60.5	3.9	2.87	186.27	1.38	2.44	1.00	186.59	0.31	1.8	1.61	2.4	2.4	5.9	0.47	0.16	0.16	0.27	195.12	1.2	1.5
SAGGINALE	SA0004_C	141.4	2.6	1.33	183.15	1.50	2.25	1.01	183.32	0.27	1.8	2.02	4.4	4.4	7.6	0.84	0.15	0.15	0.28	202.90	1.2	1.5
SAGGINALE	SA0004_D	142.5	1.2	9.54	182.28	0.89	0.75	0.69	182.28	0.03	1.2	0.69	4.5	4.5	4.9	0.38	0.31	0.31	0.65	84.98	1.1	1.2
SAGGINALE	SA0005_A	174.1	0.7	7.54	182.27	1.30	0.37	0.23	182.27	0.01	2.1	0.74	5.9	5.9	6.4	0.47	0.44	0.44	0.69	99.13	1.1	1.3
SAGGINALE	SA0005_B	175.1	0.7	0.61	182.27	1.30	2.18	0.94	182.27	0.26	0.8	9999.99	6.0	6.0	8.1	0.55	0.19	0.19	0.24	195.30	1.2	1.5
SAGGINALE	SA0005_C	179.2	0.8	1.92	182.27	1.30	2.38	1.00	182.27	0.32	0.8	9999.99	6.0	6.0	8.1	0.56	0.19	0.19	0.24	194.92	1.2	1.5
SAGGINALE	SA0005_D	180.3	5.6	0.68	181.96	0.99	2.13	1.00	182.21	0.25	2.2	0.49	5.3	5.3	5.8	0.34	0.26	0.26	0.45	94.45	1.1	1.3
SAGGINALE	SA0006_	246.1	2.0	3.88	181.37	0.55	0.56	0.37	181.38	0.02	1.0	0.42	9.0	9.0	9.0	0.23	0.38	0.38	0.42	61.34	1.0	1.1
SAGGINALE	SA0007_A	303.3	1.9	0.00	181.18	0.67	1.13	0.67	181.25	0.07	0.7	0.32	5.6	5.6	5.9	0.24	0.18	0.18	0.30	99.23	1.1	1.2
SAGGINALE	SA0007_	308.3	1.9	0.00	181.05	0.54	1.68	1.02	181.20	0.15	0.6	0.30	3.9	3.9	4.1	0.21	0.12	0.12	0.28	84.24	1.1	1.2
SAGGINALE	SA0008_	383.5	2.0	0.00	179.81	0.88	0.75	0.35	179.84	0.03	1.0	0.50	5.2	5.2	5.6	0.34	0.26	0.26	0.46	101.02	1.1	1.2



Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s	Sfioratore	s
	[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]		[m³/s]
SF1	0.00	SF36	0.00	SF71	0.00	SF106	0.00	SF141	0.18	SF176	0.00	SF211	0.00
SF2	0.00	SF37	0.00	SF72	0.00	SF107	0.00	SF142	0.18	SF177	0.00	SF212	0.00
SF3	0.00	SF38	0.00	SF73	0.00	SF108	0.00	SF143	0.18	SF178	0.00	SF213	0.00
SF4	0.00	SF39	0.66	SF74	0.00	SF109	0.00	SF144	0.00	SF179	0.00	SF214	0.00
SF5	0.00	SF40	0.66	SF75	0.00	SF110	0.00	SF145	0.00	SF180	0.00	SF215	0.00
SF6	0.00	SF41	2.99	SF76	0.00	SF111	0.00	SF146	0.00	SF181	0.00	SF216	0.00
SF7	0.00	SF42	3.00	SF77	0.00	SF112	0.00	SF147	0.00	SF182	0.00	SF217	0.00
SF8	0.00	SF43	3.01	SF78	0.00	SF113	0.00	SF148	0.00	SF183	0.00	SF218	0.00
SF9	0.00	SF44	0.61	SF79	0.00	SF114	0.00	SF149	0.00	SF184	0.00	SF219	0.00
SF10	0.00	SF45	0.61	SF80	0.00	SF115	0.00	SF150	0.00	SF185	0.00	SF220	0.00
SF11	0.00	SF46	0.61	SF81	0.00	SF116	0.00	SF151	0.00	SF186	0.00	SF221	0.00
SF12	0.00	SF47	0.61	SF82	0.00	SF117	0.00	SF152	0.00	SF187	0.00	SF222	0.00
SF13	0.00	SF48	0.00	SF83	0.00	SF118	0.00	SF153	0.00	SF188	0.00	SF223	0.00
SF14	0.00	SF49	0.00	SF84	0.00	SF119	0.20	SF154	0.00	SF189	0.00	SF224	0.00
SF15	0.00	SF50	0.00	SF85	0.00	SF120	0.20	SF155	0.00	SF190	0.00	SF225	0.00
SF16	0.80	SF51	0.00	SF86	0.00	SF121	0.15	SF156	0.00	SF191	0.00	SF226	0.00
SF17	0.80	SF52	0.00	SF87	0.00	SF122	0.15	SF157	0.00	SF192	0.00	SF227	0.00
SF18	0.80	SF53	0.00	SF88	0.00	SF123	0.16	SF158	0.00	SF193	0.00	SF228	0.00
SF19	0.00	SF54	0.00	SF89	0.00	SF124	0.19	SF159	0.00	SF194	0.00	SF229	0.00
SF20	2.87	SF55	0.23	SF90	0.00	SF125	0.20	SF160	0.00	SF195	0.00	SF230	0.00
SF21	1.46	SF56	0.13	SF91	0.00	SF126	0.24	SF161	0.00	SF196	0.00	SF231	0.00
SF22	0.82	SF57	0.15	SF92	0.00	SF127	0.22	SF162	0.00	SF197	0.00	SF232	0.00
SF23	0.68	SF58	0.20	SF93	0.00	SF128	0.25	SF163	0.00	SF198	0.00	SF233	0.00
SF24	0.39	SF59	0.18	SF94	0.00	SF129	0.30	SF164	0.00	SF199	0.00	SF234	0.00
SF25	0.00	SF60	0.19	SF95	0.00	SF130	0.40	SF165	0.00	SF200	0.00	SF235	0.00
SF26	0.00	SF61	0.20	SF96	0.00	SF131	0.11	SF166	0.00	SF201	0.00		
SF27	0.00	SF62	0.13	SF97	0.00	SF132	0.11	SF167	0.00	SF202	0.00		
SF28	0.00	SF63	0.14	SF98	0.00	SF133	0.11	SF168	0.00	SF203	0.00		
SF29	0.00	SF64	0.17	SF99	0.00	SF134	0.11	SF169	0.00	SF204	0.00		
SF30	0.00	SF65	0.13	SF100	0.00	SF135	0.11	SF170	0.00	SF205	0.00		
SF31	0.00	SF66	0.12	SF101	0.00	SF136	0.11	SF171	0.00	SF206	0.00		
SF32	0.00	SF67	0.00	SF102	0.00	SF137	1.92	SF172	0.00	SF207	0.00		
SF33	0.00	SF68	0.00	SF103	0.00	SF138	1.90	SF173	0.00	SF208	0.00		
SF34	0.00	SF69	0.00	SF104	0.00	SF139	1.90	SF174	0.00	SF209	0.00		
SF35	0.00	SF70	0.00	SF105	0.00	SF140	1.90	SF175	0.00	SF210	0.00		

Cassa	H [m]	V [m <sup>3</sup> ]	s [m <sup>3</sup> /s]
BIDI	176.71	10568.23	33.50
MONDO	100.00	0.00	0.00

Portella	s [m <sup>3</sup> /s]

Idrovora	s [m <sup>3</sup> /s]