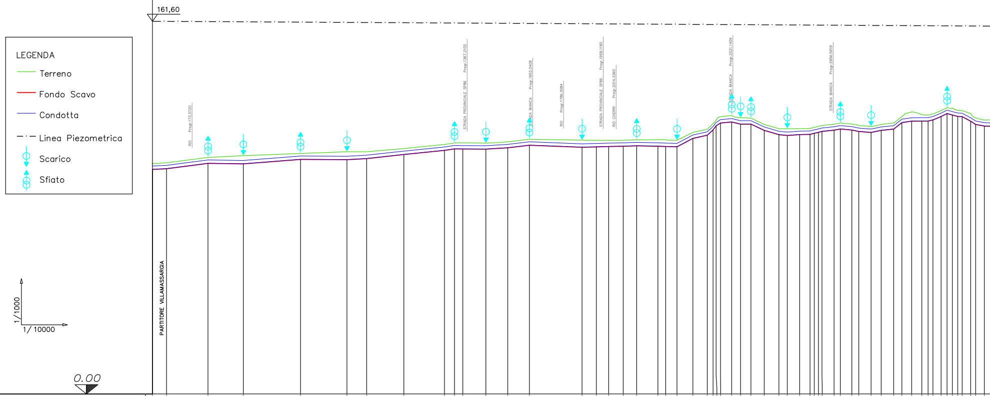
PORTATA DI PROGETTO (l/sec)	
MATERIALE	
SEZIONE IDRAULICA	
DIAMETRO TUBAZIONE (mm)	

TRATTO C–E.04

Partitore Villamassargia – Diramazione Area Industriale Portovesme



161,60
LEGENDA
Terreno
Fondo Scavo
Condotta
Linea Piezometrica
Scarico
Sfiato
1/1000
1/ 10000
0.00
PARTITORE VILLAMASSARGIA
RIO Progr.173.3720
STRADA PROVINCIALE SP86 Progr.1367.2100
STRADA BIANCA Progr.1652.0408
RIO Progr.1786.3084
STRADA PROVINCIALE SP86 Progr.1958.1180
RIO CIXERRI Progr.2014.3360
STRADA BIANCA Progr.2521.1409
STRADA BIANCA Progr.2956.5818

Numero delle sezioni	1	2	3	4	5	6	7	8	9	10
Quote Terreno	99.93	100.24	102.55	103.30	104.27	105.02	105.01	106.39	108.19	108.84
Distanze parziali terreno	61.15	180.07	153.44	248.12	201.69	85.76	161.42	176.20	43.56	36.16
Distanze progressive terreno	1.00	62.15	242.22	395.67	643.79	845.48	931.23	1092.65	1268.85	1312.42
Quote Fondo Scavo	97.33	97.64	99.95	99.74	101.67	101.56	102.03	103.79	105.59	106.24

Numero delle sezioni	11	12	13	14	15	16	17	18	19	20
Quote Terreno	108.87	108.76	109.31	110.42	110.06	110.00	109.98	109.98	110.15	110.24
Distanze parziali terreno	100.06	95.05	93.93	228.50	62.09	53.67	63.11	58.58	92.12	33.61
Distanze progressive terreno	1348.58	1448.64	1543.69	1637.62	1866.13	1928.21	1981.88	2044.99	2103.57	2195.69
Quote Fondo Scavo	106.20	106.14	106.71	107.82	106.94	107.11	107.25	107.38	107.58	107.39

Numero delle sezioni	21	22	23	24	25	26	27	28	29	30
Quote Terreno	110.27	110.01	113.38	114.77	117.22	118.77	120.17	120.71	119.78	119.58
Distanze parziali terreno	49.06	69.09	62.35	25.24	13.30	19.03	48.68	38.25	45.08	57.68
Distanze progressive terreno	2229.30	2278.36	2347.45	2409.81	2435.05	2448.35	2467.38	2516.06	2554.31	2599.39
Quote Fondo Scavo	107.27	107.14	110.78	112.17	114.47	116.24	117.46	117.89	116.98	116.98

Numero delle sezioni	31	32	33	34	35	36	37	38	39	40
Quote Terreno	116.86	115.00	115.01	115.04	115.12	115.61	116.00	116.41	116.96	117.45
Distanze parziali terreno	63.95	36.09	54.00	44.87	18.45	18.15	15.28	52.62	27.03	50.15
Distanze progressive terreno	2657.07	2721.02	2757.11	2811.11	2855.98	2874.43	2892.59	2907.87	2960.49	2987.52
Quote Fondo Scavo	114.26	112.40	112.05	112.44	112.52	113.01	113.40	113.81	114.36	114.85

Numero delle sezioni	41	42	43	44	45	46	47	48	49	50
Quote Terreno	117.02	116.37	115.96	116.86	117.43	120.26	122.26	121.01	120.91	121.39
Distanze parziali terreno	30.10	53.24	44.02	54.34	35.33	42.73	43.90	27.22	21.04	35.47
Distanze progressive terreno	3037.67	3067.77	3121.01	3165.03	3219.36	3254.70	3297.42	3341.32	3368.54	3389.58
Quote Fondo Scavo	114.42	113.77	113.36	114.26	114.83	117.63	118.26	118.31	118.31	118.79

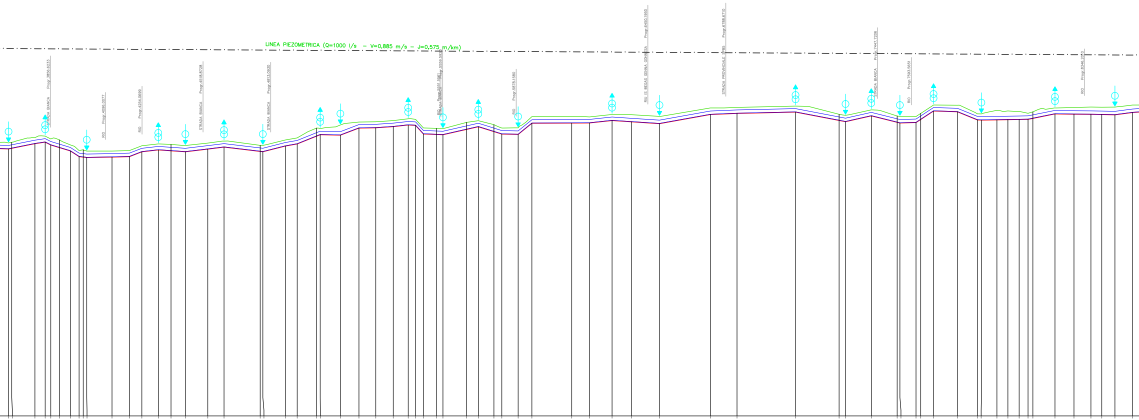
Numero delle sezioni	51	52	53	54	55	56	57	58
Quote Terreno	122.86	124.16	124.00	122.92	122.81	121.60	119.66	118.74
Distanze parziali terreno	25.86	23.05	23.47	19.13	36.93	21.89	37.35	61
Distanze progressive terreno	3425.05	3450.91	3473.96	3497.43	3516.56	3553.49	3575.38	3612.73
Quote Fondo Scavo	120.26	121.56	120.92	120.32	120.21	118.23	116.84	116.14

1000.00

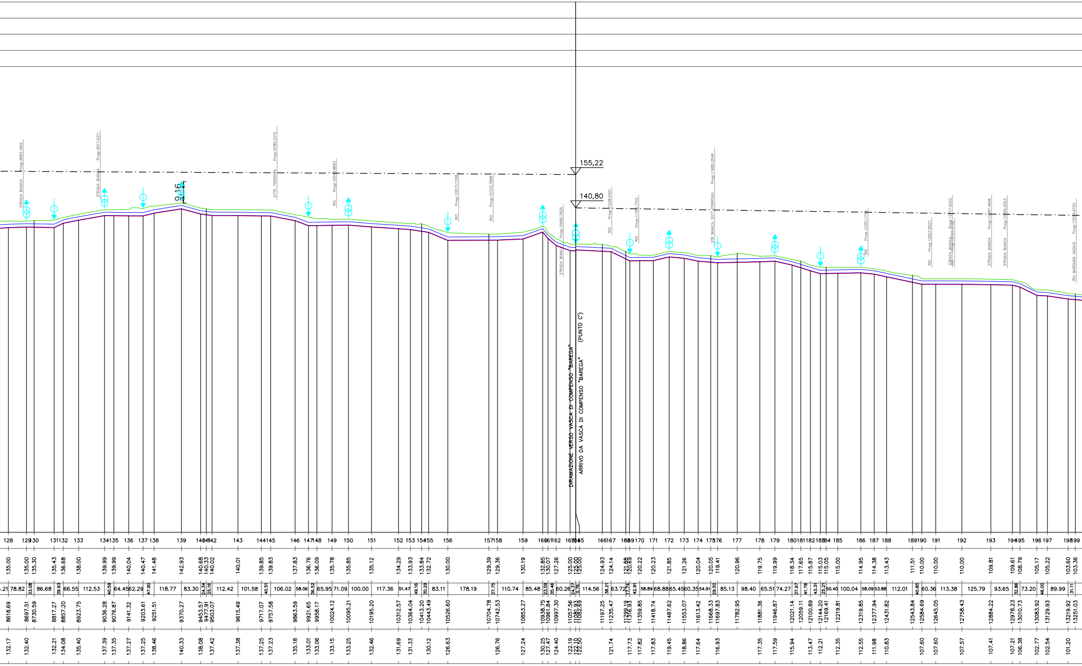
ACCIAIO

Circolare

1200.00


LINEA PIEZOMETRICA (Q=1000 l/s - V=0,885 m/s - J=0,575 m/km)
Progr.3856.6233
STRADA BIANCA
Progr.4096.0077
RIO
Progr.4254.0699
RIO
Progr.4518.8728
STRADA BIANCA
Progr.4813.0930
STRADA BIANCA
Progr.5551.5661
RIO
Progr.5559.5921
Progr.5878.1580
RIO
Progr.6450.1950
RIU IS BEGAS GENNA GONNESA
Progr.6788.6710
STRADA PROVINCIALE
Progr.7447.7206
STRADA BIANCA
Progr.7593.5651
RIO
Progr.8346.2070
RIO

		.75		
59	118.55	13.75	3674.48	115.95
60	118.83	100.68	3688.23	
61	120.83	44.61	3788.91	118.23
62	121.49	24.32	3833.52	118.89
63	120.26	37.07	3857.84	117.66
64	119.85	47.85	3894.91	
65	117.67	37.94	3942.76	115.07
66	115.21	18.03	3980.70	112.62
67	115.59	15.25	3998.73	
68	115.00	109.78	4013.98	112.19
69	115.00	75.56	4123.76	112.40
70	115.21	53.85	4199.33	112.61
71	117.30	71.54	4253.18	114.70
72	118.10	55.20	4324.72	115.50
73	117.90	62.42	4379.92	
74	117.43	97.10	4442.33	114.71
75	118.47	70.49	4539.43	115.87
76	119.32	156.94	4609.92	116.72
77	117.49	11.73	4766.86	
78	117.46	98.10	4778.59	114.72
79	119.81	50.91	4876.69	117.21
80	120.71	83.90	4927.61	118.11
81	124.97	15.97	5011.51	
82	124.73	87.76	5027.48	122.13
83	126.34	80.55	5115.24	121.92
84	127.60	73.10	5195.79	125.00
85	127.73	75.71	5268.89	125.13
86	128.23	65.00	5344.60	125.63
87	129.01	32.11	5409.60	126.34
88	128.76	33.87	5441.71	126.16
89	125.04	57.66	5475.57	122.44
90	124.86	27.30	5533.23	
91	124.71	102.89	5560.53	122.11
92	127.47	50.60	5663.42	
93	128.18	67.79	5714.02	125.58
94	126.47	34.29	5781.81	
95	125.00	70.88	5816.09	122.40
96	125.08	59.68	5886.97	122.24
97	129.94	172.95	5946.65	127.09
98	130.01	77.25	6119.60	127.16
99	129.83	97.88	6196.85	127.23
100	130.88	84.13	6294.73	128.28
101	130.79	121.71	6378.86	127.71
102	130.06	220.77	6500.57	126.92
103	133.72	115.72	6721.35	130.89
104	133.96	254.26	6837.07	131.36
105	134.53	189.07	7091.33	131.93
106	130.96	27.94	7280.41	
107	130.54	111.85	7308.34	127.78
108	132.89	112.16	7420.19	130.29
109	130.22	12.04	7532.35	
110	130.06	69.93	7544.39	127.21
111	130.00	20.52	7614.32	127.40
112	131.35	55.69	7634.84	
113	135.00	103.60	7690.53	132.40
114	134.90	86.36	7794.13	132.07
115	131.16	17.70	7880.50	128.56
116	131.15	67.43	7898.20	128.46
117	132.69	47.53	7965.63	128.57
118	132.43	48.89	8013.16	128.65
119	132.10	38.57	8062.05	128.73
120	131.39	21.02	8100.61	128.79
121	132.04	96.06	8121.64	
122	133.74	82.37	8217.70	131.14
123	133.92	73.72	8300.07	131.00
124	134.13	47.08	8373.79	130.95
125	134.03	56.94	8420.88	130.87
126	134.10	76.66	8477.82	130.76
127	134.98	64	8554.48	131.76



155,22
140,80
9.16
DIRAMAZIONE VERSO VASCA DI COMPENSO "BAREGA"
ARRIVO DA VASCA DI COMPENSO "BAREGA" (PUNTO C')
STRADA BIANCA
ATTR. FERROVIA
RIO
STR BIANCA SOTT. FERROVIA
RIU MARGIANI ANGIUS
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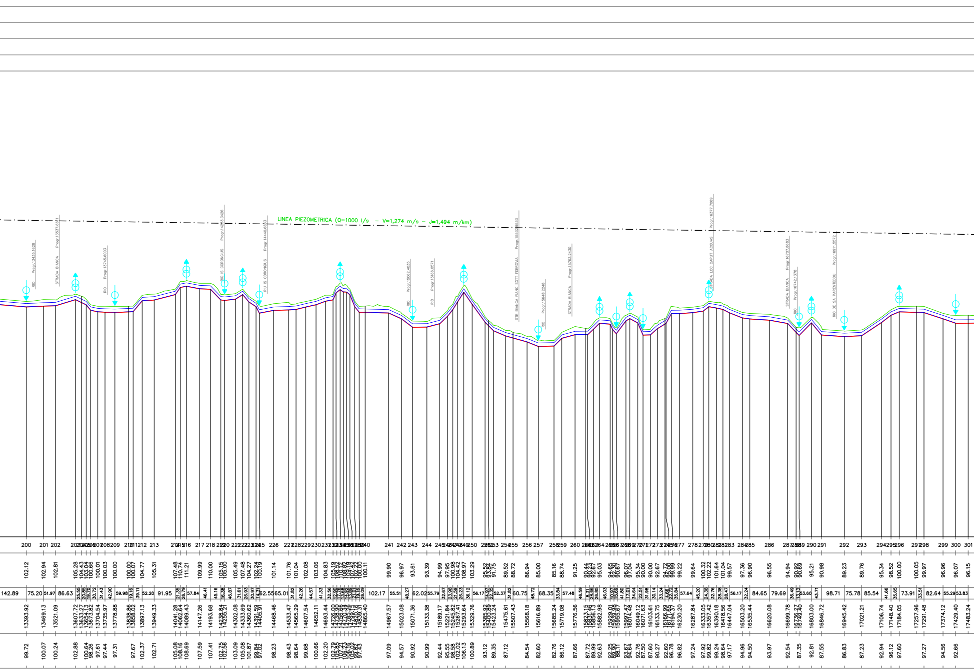
LINEA PIEZOMETRICA (Q=1000 l/s - V=1,274 m/s - J=1,494 m/km)
RIO Progr.13435.1628
STRADA BIANCA Progr.13537.8611
RIO Progr.13745.6003
RIO IS CORONGIUS Progr.14253.3426
RIU IS CORONGIUS Progr.14440.6883
RIO Progr.15062.4035
RIO Progr.15166.0571
STR BIANCA FIANC SOTT FERROVIA Progr.15532.9533
RIO Progr.15648.2248
STRADA BIANCA Progr.15763.2430
STRADA LOC CAPUT ACQUAS Progr.16377.7069
STRADA BIANCA Progr.16707.8683
RIO Progr.16742.1378
RIO DE SA PARENTEDDU Progr.16911.5572
200
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202
209
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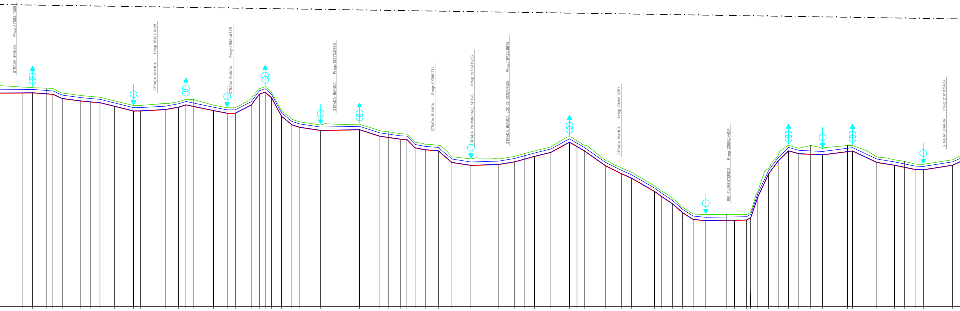
1000.00

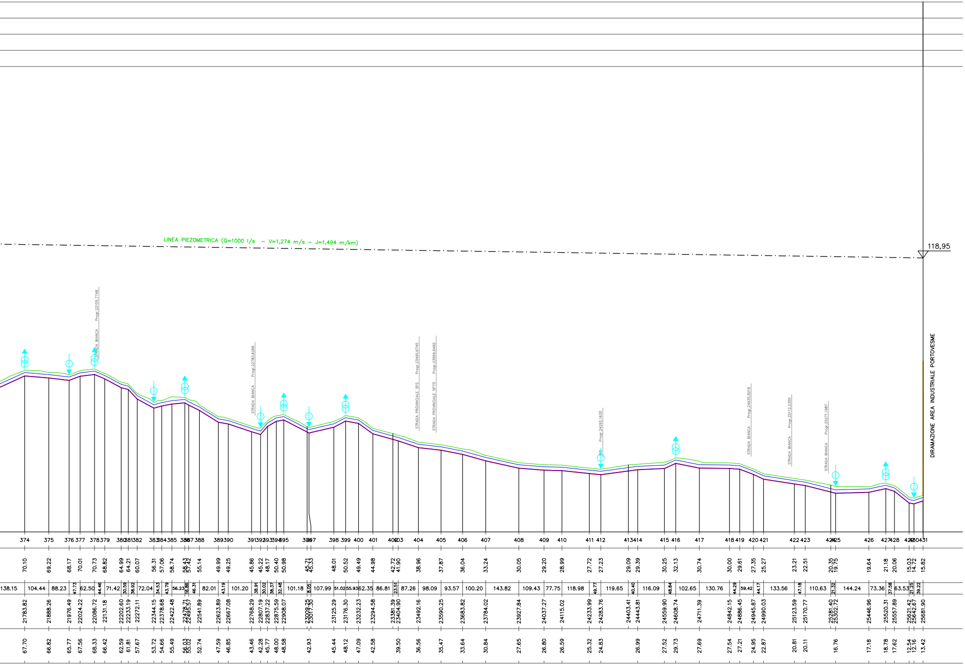
ACCIAIO

Circolare

1000.00


STRADA BIANCA Progr.17582.4559
STRADA BIANCA Progr.18192.6128
STRADA BIANCA Progr.18521.6328
STRADA BIANCA Progr.18972.0463
STRADA BIANCA Progr.19398.7111
STRADA PROVINCIALE SP126 Progr.19569.0253
STRADA BIANCA LOC IS SERAFINUS Progr.19722.8876
STRADA BIANCA Progr.20206.9357
RIO FLUMENTEPIDO Progr.20682.4454
STRADA BIANCA Progr.21618.5403

302	95.34	126.08	17609.31	92.77
303	95.18	42.19	17651.50	92.83
304	94.87	58.52	17710.02	
305	94.76	29.41	17739.43	92.18
306	92.77	40.28	17779.72	90.37
307	91.68	80.93	17860.64	89.28
308	91.27	43.39	17904.03	88.87
309	90.93	39.84	17943.87	88.53
310	89.37	63.75	18007.62	86.97
311	87.33	81.67	18089.29	84.93
312	87.37	31.22	18120.51	84.97
313	88.26	106.29	18226.79	85.54
314	89.00	58.32	18285.11	86.60
315	90.00	31.88	18316.99	87.60
316	89.98	34.35	18351.34	
317	87.52	85.44	18436.79	85.12
318	86.37	59.09	18495.88	83.97
319	86.38	35.34	18531.22	83.98
320	90.39	68.77	18600.00	87.49
321	94.61	35.26	18635.25	92.21
322	95.54	25.71	18660.97	93.14
323	93.03	28.15	18689.12	90.63
324	84.99	43.05	18732.17	82.63
325	81.33	44.87	18777.05	78.93
326	80.24	34.66	18811.71	77.84
327	78.90	90.30	18902.01	76.50
328	79.20	168.61	19070.61	76.80
329	76.36	88.59	19159.20	73.96
330	75.93	35.88	19195.07	
331	75.10	52.29	19247.37	72.70
332	74.97	29.08	19276.44	72.56
333	71.34	35.32	19311.76	68.94
334	70.49	44.02	19355.78	68.09
335	70.11	56.97	19412.75	67.64
336	64.99	59.27	19472.03	62.59
337	64.15	82.21	19554.24	61.33
338	64.12	121.38	19675.61	61.72
339	65.25	69.04	19744.66	62.85
340	66.52	43.89	19788.54	
341	67.60	41.57	19830.11	65.20
342	69.37	71.51	19901.62	66.97
343	73.81	80.58	19982.21	71.41
344	71.99	32.58	20014.79	
345	70.06	31.35	20046.15	67.66
346	63.49	93.76	20139.91	61.09
347	60.15	67.17	20207.08	57.75
348	58.35	45.07	20252.15	55.74
349	52.43	99.26	20351.41	50.03
350	50.14	31.63	20383.03	47.74
351	46.96	47.32	20430.35	44.56
352	43.17	43.19	20473.54	40.77
353	40.25	45.37	20518.91	37.85
354	40.01	55.23	20574.14	37.30
355	40.00	91.16	20665.31	
356	40.00	33.13	20698.43	37.48
357	40.00	52.95	20751.38	37.60
358	40.99	17.52	20768.90	38.59
359	50.03	31.17	20800.07	47.63
360	60.02	46.65	20846.72	57.62
361	65.63	41.37	20888.10	63.23
362	70.03	45.21	20933.31	67.63
363	68.78	44.82	20978.13	66.38
364	70.00	51.51	21029.64	
365	68.64	51.35	21080.99	65.89
366	69.96	108.29	21189.28	
367	69.97	21.92	21211.21	67.57
368	65.00	105.59	21316.80	62.60
369	63.79	76.40	21393.19	61.39
370	63.09	42.68	21435.87	
371	61.94	46.72	21482.58	59.54
372	61.79	35.73	21518.31	59.39
373	63.80	127.36	21645.67	61.40


LINEA PIEZOMETRICA (Q=1000 l/s – V=1,274 m/s – J=1,494 m/km)
118,95
DIRAMAZIONE AREA INDUSTRIALE PORTOVESME
STRADA BIANCA Progr.22105.7748
STRADA BIANCA Progr.22783.6266
STRADA PROVINCIALE SP2 Progr.23495.6745
STRADA PROVINCIALE SP75 Progr.23569.6492
RIO Progr.24292.1630
STRADA BIANCA Progr.24935.8218
STRADA BIANCA Progr.25112.2355
STRADA BIANCA Progr.25271.1987
374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431
70.10 69.22 68.17 70.01 70.73 68.82 64.99 64.21 60.07 56.31 57.06 58.74 58.43 57.42 55.14 49.99 49.25 45.86 45.22 48.17 50.40 50.98 45.71 45.33 48.01 50.52 49.49 44.98 42.72 41.90 38.96 37.87 36.04 33.24 30.05 29.20 28.99 27.72 27.23 29.09 29.39 30.25 32.13 30.74 30.00 29.61 27.35 25.27 23.21 22.51 20.35 19.75 19.64 21.18 20.06 15.03 14.72 15.82
138.15 104.44 88.23 47.73 62.50 44.46 71.42 30.59 38.92 72.04 34.53 43.79 56.23 16.86 46.31 82.01 43.19 101.20 38.91 30.02 38.37 32.48 101.18 8.05 107.99 51.02 55.93 62.35 86.81 23.51 87.26 98.09 93.57 100.20 143.82 109.43 77.75 118.98 49.77 119.65 40.40 116.09 48.84 102.65 130.76 44.29 59.42 44.17 133.56 47.18 110.63 21.32 144.24 73.36 37.58 63.53 21.25 39.22
21783.82 21888.26 21976.49 22024.22 22086.72 22131.18 22202.60 22233.19 22272.11 22344.15 22378.68 22422.48 22478.71 22495.57 22541.89 22623.89 22667.08 22768.29 22807.19 22837.22 22875.59 22908.07 23009.25 23017.30 23125.29 23176.30 23232.23 23294.58 23381.39 23404.90 23492.16 23590.25 23683.82 23784.02 23927.84 24037.27 24115.02 24233.99 24283.76 24403.41 24443.81 24559.90 24608.74 24711.39 24842.15 24886.45 24945.87 24990.03 25123.59 25170.77 25281.40 25302.72 25446.96 25520.31 25557.89 25621.42 25642.67 25681.90
67.70 66.82 65.77 67.56 68.33 66.42 62.59 61.81 57.67 53.72 54.66 55.49 56.03 55.02 52.74 47.59 46.85 43.46 42.28 45.77 48.00 48.58 42.93 45.44 48.12 47.09 42.58 39.50 36.56 35.47 33.64 30.84 27.65 26.80 26.59 25.32 24.83 26.99 27.52 29.73 27.69 27.54 27.21 24.95 22.87 20.81 20.11 16.76 17.18 18.78 17.62 12.54 12.16 13.42

FSC Fondo per lo Sviluppo e la Coesione

REGIONE AUTÒNOMA DE SARDIGNA
REGIONE AUTONOMA DELLA SARDEGNA
Assessoradu de sos traballos pùblicos
Assessorato dei lavori pubblici
Ente acque della Sardegna

INTERCONNESSIONE DEI SISTEMI IDRICI
COLLEGAMENTO TIRSO-FLUMENDOSA 4° LOTTO
COLLEGAMENTO SULCIS - IGLESIENTE

(Delibera Giunta Regionale n. 44/23 del 07.11.2014 - Convenzione RAS-ENAS del 22.12.2014)

IV
III
V
II
VI
VII
I

PROGETTO DI FATTIBILITÀ TECNICA - ECONOMICA

integrato con gli elaborati necessari al fine dell’ottenimento del PUA

LINEE DI INTERVENTO "A" E "C"

ELABORATI AFFERENTI ALLE ALTERNATIVE PROGETTUALI

ALTERNATIVA B1
Profilo Tratto C-E

Allegato: PF.6.11

scala: 1:10.000 / 1:1.000

Redatto da

Mandataria:

SGI life, first

Ing. Alberto Galli
Resp. Integrazione Prestazioni Specialistiche
SGI Studio Galli Ingegneria S.r.l.

Mandanti:

CRITERIA

MCE
The Milan Company Srl

Ente acque della Sardegna

Il Responsabile Unico del Procedimento
Ing. Dina Cadoni

Dott. Andrea Soriga
Criteria S.r.l.

Ing. Federico Repossi
MCE-The Milan Company S.r.l.

STECI s.r.l. SOCIETA' DI INGEGNERIA

Sardegna Ingegneria Scarl

Ing. Domenico Castelli
STECI S.r.l.

Ing. Umberto Pautasso
Sardegna Ingegneria S.c.a.r.l.

REVISIONE	***MODIFICA***	***DATA***	***TECNICO***	***CONTROLLO***
REV. 00	*Prima emissione*	*Maggio 2019*	*M.D.*	*U.P.*
REV. 01	*Per validazione*	*Settembre 2019*	*M.D.*	*U.P.*