ALLEGATO D

RILASCI DI DEFLUSSO MINIMO VITALE

D.1 TABELLE DELLE PORTATE DI RILASCIO D.M.V. A VALLE DERIVAZIONI pag. 2

D.2 SCHEMA GRANDI DERIVAZIONI IRRIGUE E IDROELETTRICHE pag. 6

PROGETTO di SPERIMENTAZIONE DMV F. OGLIO

TABELLA DELLE PORTATE DI RILASCIO DMV A VALLE DERIVAZIONI

= giorni di carenza di rilascio di D.M.V. Le portate rilasciate a valle delle derivazioni sono inferiori a quelle teoriche con uno scarto superiore al 5% (50 l/s ogni m^3)

CAMPAGNA 1/09																																							CAMPAGNA 1/09					
DERIVAZIONI	staz. rif.	data	1/8	2/8	3/8	4/8	5/8	6/8	7/8	8/8	9/8	10/8	11/8	12/8	13/8	14/8	15/8	16/8	17/8	18/8	19/8	20/8	21/8	22/8	23/8	24/8	25/8	26/8	27/8	28/8	29/8	30/8	31/8	1/9	2/9	3/9	4/9	5/9	6/9	7/9	8/9	9/9	10/9	11/9	12/9	13/9
		rilascio	m^3/s	m^3/s	m^3/s

PROGETTO DI SPERIMENTAZIONE F. OGLIO

TABELLA DELLE PORTATE DI RILASCIO DEL DMV

A VALLE DELLE DERIVAZIONI

= giorni di carenza di rilascio di D.M.V. Le portate rilasciate a valle delle derivazioni sono inferiori a quelle teoriche con uno scarto superiore al 5% (50 l/s ogni m^3)

| CAMPAGNA 2/09 | | |

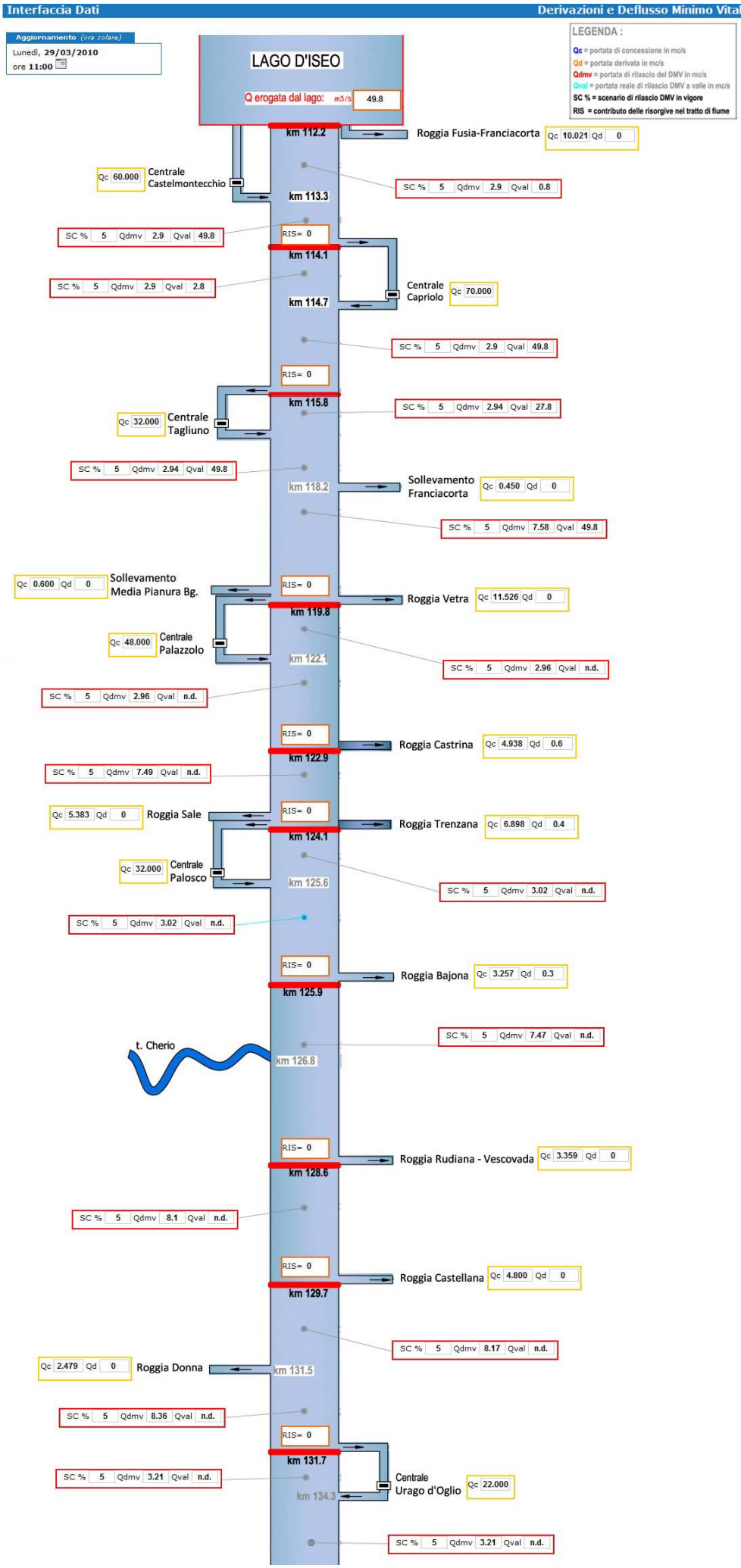
CAMPAGNA 3/10										= giorni di carenza di rilascio di D.M.V. Le portate rilasciate a valle delle derivazioni sono inferiori a quelle teoriche con uno scarto superiore al 5% (50 l/s ogni m³)																									CAMPAGNA 3/10				
DERIVAZIONI	staz. rif.	data	23/1	24/1	25/1	26/1	27/1	28/1	29/1	30/1	31/1	1/2	2/2	3/2	4/2	5/2	6/2	7/2	8/2	9/2	10/2	11/2	12/2	13/2	14/2	15/2	16/2	17/2	18/2	19/2	20/2	21/2	22/2	23/2	24/2	25/2	26/2
		rilascio	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s
FUSIA	STA03	teorico	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	7.79	7.79	7.79	7.79	7.79	7.79	7.79	2.9	2.9	2.9	2.9	2.9	2.9	2.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2
		reale	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.9	3.6	3.8	3.4	3.2	3.8	7.3	8.4	7.9	7.7	7.6	7.5	6.4	2.6	2.8	2.8	2.7	2.7	6.0	8.7	6.9	5.6	5.5	5.6	5.5	5.3	6.0
Centrale Castelmontecchio	STA03	teorico	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	7.79	7.79	7.79	7.79	7.79	7.79	7.79	2.9	2.9	2.9	2.9	2.9	2.9	2.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2
		reale	3.2	3.1	3.1	3.1	3.0	3.0	2.9	2.9	2.9	3.6	3.8	3.4	3.2	3.8	7.3	8.4	7.9	7.7	7.6	7.5	6.4	2.6	2.8	2.8	2.7	2.7	6.0	8.7	6.9	5.6	5.5	5.6	5.5	5.3	6.0
Centrale Capriolo	STB06	teorico	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.79	7.79	7.79	7.79	7.79	7.79	7.79	2.9	2.9	2.9	2.9	2.9	2.9	2.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2
		reale	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.9	4.9	4.9	4.9	4.9	4.9	4.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3	2.9	2.9	2.9	2.9	2.9	2.9	2.9	5.5	5.5	5.5	5.5	5.5	5.5	5.5
Centrale Tagliuno	STC08	teorico	2.9	2.9	2.9	2.9	2.9	2.9	2.9	3.85	3.85	3.85	3.85	3.85	3.85	3.85	7.79	7.79	7.79	7.79	7.79	7.79	7.79	2.9	2.9	2.9	2.9	2.9	2.9	2.9	5.2	5.2	5.2	5.2	5.2	5.2	5.2
		reale	12.6	17.7	15.4	15.4	15.3	15.3	10.1	12.3	20.1	20.0	19.2	18.8	18.6	14.2	8.8	16.0	23.3	23.1	34.0	33.9	28.1	4.1	8.3	13.2	13.1	13.1	13.1	10.4	5.3	7.3	10.8	10.9	10.8	10.6	7.3
FRANCIACORTA	FN09A	teorico	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58	7.58
		reale	23.6	28.7	48.4	48.4	48.3	48.3	43.1	23.3	31.1	52.0	52.2	51.8	51.6	47.2	30.8	38.0	56.3	56.1	56.0	55.9	50.1	26.1	30.3	46.2	46.1	46.1	46.1	43.4	27.3	29.3	43.8	43.9	43.8	43.6	40.3
MEDIA PIANURA BERGAMASCA	STD12	teorico	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.56	7.56	7.56	7.56	7.56	7.56	7.56	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
		reale	4.6	4.6	4.6	4.6	4.6	4.6	3.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.9	9.9	9.9	9.9	9.9	9.9	9.9	3.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.0	3.0	3.0	3.0	3.0	3.0
VETRA	STD12	teorico	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.56	7.56	7.56	7.56	7.56	7.56	7.56	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
		reale	4.6	4.6	4.6	4.6	4.6	4.6	3.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.9	9.9	9.9	9.9	9.9	9.9	9.9	3.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.0	3.0	3.0	3.0	3.0	3.0
Centrale Palazzolo	STD12	teorico	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.56	7.56	7.56	7.56	7.56	7.56	7.56	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
		reale	4.6	4.6	4.6	4.6	4.6	4.6	3.8	4.7	4.7	4.7	4.7	4.7	4.7	4.7	9.9	9.9	9.9	9.9	9.9	9.9	9.9	3.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	3.0	3.0	3.0	3.0	3.0	3.0
CASTRINA	FN15A	teorico	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49	7.49
		reale	21.8	26.9	46.5	46.5	46.3	46.3	41.2	21.5	29.2	50.0	50.2	49.8	49.6	45.2	29.0	36.1	54.3	54.1	54.0	53.9	48.1	24.2	28.4	45.4	45.3	45.3	45.3	42.7	26.7	28.7	43.1	43.1	43.1	42.9	39.6
Centrale Palosco	STE16	teorico	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.51	7.51	7.51	7.51	7.51	7.51	7.51	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
		reale	5.0	5.0	12.2	12.2	12.2	12.2	3.8	8.0	8.0	14.0	14.0	14.0	14.0	14.0	14.0	18.0	24.0	24.0	24.0	24.0	24.0	8.0	8.0	12.0	12.0	12.0	12.0	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
TRENZANA - TRAVAGLIATA	STE16	teorico	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.51	7.51	7.51	7.51	7.51	7.51	7.51	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
		reale	5.0	5.0	12.2	12.2	12.2	12.2	3.8	8.0	8.0	14.0	14.0	14.0	14.0	14.0	14.0	18.0	24.0	24.0	24.0	24.0	24.0	8.0	8.0	12.0	12.0	12.0	12.0	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
SALE	STE16	teorico	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.51	7.51	7.51	7.51	7.51	7.51	7.51	3.0	3.0	3.0	3.0	3.0	3.0	3.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
		reale	5.0	5.0	12.2	12.2	12.2	12.2	3.8	8.0	8.0	14.0	14.0	14.0	14.0	14.0	14.0	18.0	24.0	24.0	24.0	24.0	24.0	8.0	8.0	12.0	12.0	12.0	12.0	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
BAIONA	FN19A	teorico	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47	7.47
		reale	21.1	26.2	45.8	45.8	45.7	45.7	40.6	20.8	28.6	49.3	49.6	49.2	49.0	44.6	28.3	35.5	53.6	53.4	53.3	53.2	47.5	23.6	27.8	44.8	44.7	44.7	44.7	42.0	26.0	28.0	42.3	42.3	42.2	42.0	38.7
RUDIANA - VESCOVADA	FN22A	teorico	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
		reale	21.3	26.4	46.0	46.0	45.9	45.9	40.8	21.0	28.8	49.5	49.8	49.4	49.2	44.8	28.5	35.7	53.8	53.6	53.5	53.4	47.7	23.8	28.0	45.0	44.9	44.9	44.9	41.5	25.4	27.5	41.9	42.8	42.7	42.5	39.2
CASTELLANA	FN24A	teorico	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17	8.17
		reale	20.0	25.1	44.7	44.7	44.6	44.6	39.5	19.7	27.5	48.2	48.5	48.2	48.0	43.6	27.4	34.5	52.6	52.4	52.3	52.3	46.5	22.7	27.0	43.8	43.8	43.8	43.8	41.5	25.4	27.5	41.9	42.8	42.7	42.5	39.2
DONNA	FN25A	teorico	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36
		reale	20.0	25.1	44.7	44.7	44.6	44.6	39.5	19.7	27.5	48.2	48.5	48.2	48.0	43.6	27.4	34.5	52.6	52.4	52.3	52.3	46.5	22.7	27.0	43.8	43.8	43.8	43.8	41.5	25.4	27.5	41.9	42.8	42.7	42.5	39.2
Centrale Urago	STF26	teorico	3.2	3.2	3.2	3.2	3.2	3.2	3.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	8.36	8.36	8.36	8.36	8.36	8.36	8.36	3.2	3.2	3.2	3.2	3.2	3.2	3.2	5.6	5.6	5.6	5.6	5.6	5.6	5.6
		reale	9.0	14.1	22.7	22.7	22.6	22.6	17.5	8.7	16.5	26.2	26.5	26.2	37.0	27.6	16.4	12.5	30.6	30.4	30.3	30.3	24.5	11.7	16.0	21.8	21.8	21.8	21.8	19.5	14.4	16.5	25.9	26.8	26.7	26.5	23.2
NAVIGLIO CIVICO DI CREMONA	FN27A	teorico	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68	8.68
		reale	19.3	24.3	43.9	43.9	43.8	43.8	38.7	19.0	26.8	47.3	47.6	47.3	47.1	42.7	26.5	33.7	51.8	51.6	50.4	50.4	44.6	20.9	25.1	42.0	42.0	42.0	42.0	39.6	23.5	25.6	46.0	46.8	47.7	47.5	44.2
ANTEGNATA	FN27A	teorico	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
		reale	19.3	24.3	43.9	43.9	43.8	43.8	38.7	19.0	26.8	47.3	47.6	47.3	47.1	42.7	26.5	33.7	51.8	51.6	50.4	50.4	44.6	20.9	25.1	42.0	42.0	42.0	42.0	39.6	23.5	25.6	46.0	46.8	47.7	47.5	44.2
MOLINA	FN27A	teorico	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82	8.82
		reale	19.3	24.3	43.9	43.9	43.8	43.8	38.7	19.0	26.8	47.3	47.6	47.3	47.1	42.7	26.5	33.7	51.8	51.6	50.4	50.4	44.6	20.9	25.1	42.0	42.0	42.0	42.0	39.6	23.5	25.6	46.0	46.8	47.7	47.5	44.2
ROGGIA CALCIANA	FN27A	teorico	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.86
		reale	19.3	24.3	43.9	43.9	43.8	43.8	38.7	19.0	26.8	47.3	47.6	47.3	47.1	42.7	26.5	33.7	51.8	51.6	50.4	50.4	44.6	20.9	25.1	42.0	42.0	42.0	42.0	39.6	23.5	25.6	46.0	46.8	47.7	47.5	44.2
NAVIGLIO GRANDE PALLAVICINO	FS30B	teorico	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19	9.19
		reale	>35	>35	>35	>35	>35	>35	>35	>35	>35	>50	>50	>50	>50	>50	>20	>20	>50	>50	51.8	51.8	46.0	22.5	26.7	43.5	43.5	43.5	43.4	46.0	22.5	26.7	43.5	43.5	43.5	43.4	43.4
Roggia MOLINARA	FS33A	teorico	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27	9.27
		reale	>35	>35	>35	>35	>35	>35	>35	>35	>35	>50	>50	>50	>50	>50	>20	>20	>50	>50	51.8	51.8	46.0	22.5	26.7	43.5	43.5	43.5	43.4	>35	>20	>20	>35	>35	>35	>35	>35
Cavo di SUPPEDITAZIONE	FS36A	teorico	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31	9.31
		reale	>35	>35	>35	>35	>35	>35	>35	>35	>35	>50	>50	>50	>50	>50	>20	>20	>50	>50	52.1	52.1	46.3	22.8	27.0	43.8	43.8	43.8	43.7	>35	>20	>20	>35	>35	>35	>35	>35
Roggia CONTA di BARCO	FS38A	teorico	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34	9.34
		reale	>35	>35	>35	>35	>35	>35	>35	>35	>35	>50	>50	>50	>50	>50	>20	>20	>50	>50	53.9	53.9	48.1	24.6	28.8	45.6	45.6	45.6	45.5	>35	>20	>20	>35	>35	>35	>35	>35
Consorzio OSTIANESE Nuova	FS59A	teorico	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74	13.74
		reale	>50	>50	>50	>50	>50	>50	>50	>50	>50	>65	>65	>65	>65	>65	>35	>35	>65	>65	98.5	98.5	92.8	65.6	59.9	76.6	77.5	77.5	77.5	>65	>50	>50	>65	>65	>65	>65	>65
Impianto S. MARIA di CALVATONE	FS68A	teorico	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65	15.65
		reale	>50	>50	>50	>50	>50	>50	>50	>50	>50	>65	>65	>65	>65	>65	>35	>35	>65	>65	119.8	119.8	114.1	87.0	81.2	97.9	98.8	98.8	98.8	>65	>50	>50	>65	>65	>65	>65	>65
Sollevamento S. MICHELE in BOSCO	FS77A	teorico	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
		reale	>50	>50	>50	>50	>50	>50	>50	>50	>50	>65	>65	>65	>65	>65	>35	>35	>65	>65	178.5	163.5	157.8	130.7	124.9	131.5	132.4	132.4	132.4	>65	>50	>50	>65	>65	>65	>65	>65
Impianto MALDINARO di Marcaria	FS79A	teorico	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41	22.41
		reale	>50	>50	>50	>50	>50	>50	>50	>50	>50	>65	>65	>65	>65	>65	>35	>35	>65	>65	182.3	167.3	161.6	134.5	128.7	135.3	136.2	136.2	136.2	>65	>50	>50	>65	>65	>65	>65	>65
Derivazione TORRE d' OGLIO	FS80A	teorico	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45	22.45
		reale	>50	>50	>50	>50	>50	>50	>50	>50	>50	>65	>65	>65	>65	>65	>35	>35	>65	>65	182.3	167.3	161.6	134.5	128.7	135.3	136.2	136.2	136.2	>65	>50	>50	>65	>65	>65	>65	>65

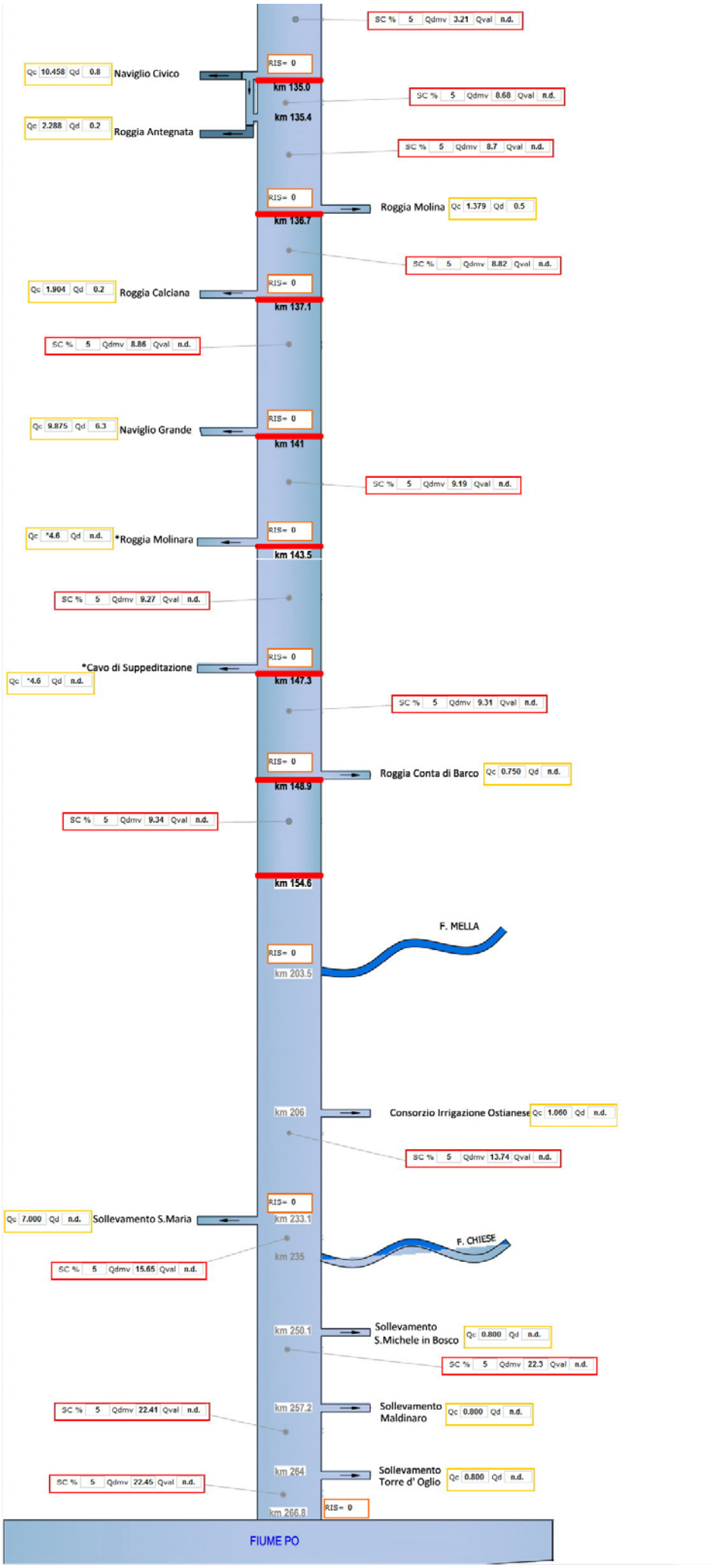
TABELLA DELLE PORTATE DI RILASCIO DEL DMV
A VALLE DELLE DERIVAZIONI

CAMPAGNA 4/10																											CAMPAGNA 4/10				
DERIVAZIONI	staz. rif.	data	24/4	25/4	26/4	27/4	28/4	29/4	30/4		15/5	16/5	17/5	18/5	19/5	20/5	21/5	22/5	23/5	24/5	25/5	26/5	27/5	28/5	29/5	30/5	31/5	1/6	2/6
		rilascio	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s		m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s	m³/s
FUSIA	STA03	teorico	3.9	3.9	3.9	3.9	3.9	3.9	3.9		7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	2.9	2.9
		reale	32.0	32.8	33.3	27.4	29.0	19.1	14.2		75.0	55.8	35.9	25.8	17.8	17.4	17.6	17.8	23.5	19.1	18.6	17.8	26.2	30.3	30.1	23.3	16.8	10.9	3.6
Centrale Castelmontecchio	STA03	teorico	3.9	3.9	3.9	3.9	3.9	3.9	3.9		7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	2.9	2.9
		reale	32.0	32.8	33.3	27.4	29.0	19.1	14.2		75.0	55.8	35.9	25.8	17.8	17.4	17.6	17.8	23.5	19.1	18.6	17.8	26.2	30.3	30.1	23.3	16.8	10.9	3.6
Centrale Capriolo	STB06	teorico	3.8	3.8	3.8	3.8	3.8	3.8	3.8		7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	7.69	2.9	2.9
		reale	3.3	3.3	3.3	3.3	3.9	3.3	5.1		57.5	37.3	20.2	9.3	6.3	9.0	7.1	9.4	15.0	10.6	10.2	9.3	18.6	12.8	15.1	13.3	10.8	5.4	7.6
Centrale Tagliuno	STC08	teorico	3.85	3.85	3.85	3.85	3.85	3.85	3.85		7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	2.9	2.9
		reale	21.0	10.8	11.3	13.4	5.0	5.3	7.5		99.5	80.3	60.4	50.3	42.3	42.0	42.1	42.3	48.0	43.6	43.1	42.3	50.6	54.8	54.6	47.8	41.3	35.4	22.6
FRANCIACORTA	FN09A	teorico	7.58	7.58	7.58	7.58	7.58	7.58	7.58		5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	2.9	2.9
		reale	32.0	32.8	33.3	35.4	37.0	37.3	39.5		131.5	112.3	92.4	82.3	74.3	74.0	74.1	74.3	80.0	75.6	75.1	74.3	82.6	86.8	86.6	79.8	73.3	67.4	54.6
MEDIA PIANURA BERGAMASCA	STD12	teorico	3.8	3.8	3.8	3.8	3.8	3.8	3.8		7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	3.0	3.0
		reale	4.5	4.3	4.3	5.1	6.5	5.3	1.5		83.6	64.4	44.5	34.4	21.4	21.3	21.4	21.6	27.3	22.7	22.4	20.8	28.8	32.3	32.0	25.2	18.4	10.4	4.3
VETRA	STD12	teorico	3.8	3.8	3.8	3.8	3.8	3.8	3.8		7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	3.0	3.0
		reale	4.5	4.3	4.3	5.1	6.5	5.3	1.5		83.6	64.4	44.5	34.4	21.4	21.3	21.4	21.6	27.3	22.7	22.4	20.8	28.8	32.3	32.0	25.2	18.4	10.4	4.3
Centrale Palazzolo	STD12	teorico	3.8	3.8	3.8	3.8	3.8	3.8	3.8		7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	7.56	3.0	3.0
		reale	4.5	4.3	4.3	5.1	6.5	5.3	1.5		83.6	64.4	44.5	34.4	21.4	21.3	21.4	21.6	27.3	22.7	22.4	20.8	28.8	32.3	32.0	25.2	18.4	10.4	4.3
CASTRINA	FN15A	teorico	7.49	7.49	7.49	7.49	7.49	7.49	7.49		6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	3.0	3.0
		reale	31.5	32.8	32.8	35.4	37.0	37.3	39.5		131.0	111.8	91.6	81.4	67.8	69.0	68.7	68.8	74.5	69.8	69.5	67.3	74.7	78.2	77.9	71.1	63.9	55.6	42.9
Centrale Palosco	STE16	teorico	3.8	3.8	3.8	3.8	3.8	3.8	3.8		7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	3.0	3.0
		reale	4.9	4.7	5.1	5.6	5.2	5.5	3.4		93.4	74.3	54.0	43.9	30.3	31.2	30.6	30.2	36.3	31.8	31.1	28.3	35.8	39.3	39.0	32.2	25.0	15.2	5.8
TRENZANA - TRAVAGLIATA	STE16	teorico	3.8	3.8	3.8	3.8	3.8	3.8	3.8		7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	3.0	3.0
		reale	4.9	4.7	5.1	5.6	5.2	5.5	3.4		93.4	74.3	54.0	43.9	30.3	31.2	30.6	30.2	36.3	31.8	31.1	28.3	35.8	39.3	39.0	32.2	25.0	15.2	5.8
SALE	STE16	teorico	3.8	3.8	3.8	3.8	3.8	3.8	3.8		7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	7.51	3.0	3.0
		reale	4.9	4.7	5.1	5.6	5.2	5.5	3.4		93.4	74.3	54.0	43.9	30.3	31.2	30.6	30.2	36.3	31.8	31.1	28.3	35.8	39.3	39.0	32.2	25.0	15.2	5.8
BAIONA	FN19A	teorico	7.47	7.47	7.47	7.47	7.47	7.47	7.47		6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	3.0	3.0
		reale	29.5	30.8	31.6	33.3	34.9	35.2	37.4		128.4	109.2	89.1	78.9	65.4	66.1	65.1	64.8	70.7	66.2	65.2	62.4	69.9	73.3	73.0	66.3	59.1	49.4	34.0
RUDIANA - VESCOVADA	FN22A	teorico	8.1	8.1	8.1	8.1	8.1	8.1	8.1		6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	3.2	3.2
		reale	29.9	31.2	32.0	33.7	35.3	35.6	37.8		128.8	109.6	89.5	79.3	65.0	65.7	64.7	64.4	70.3	65.8	64.8	61.9	68.6	72.0	71.8	65.0	57.6	47.6	32.4
CASTELLANA	FN24A	teorico	8.17	8.17	8.17	8.17	8.17	8.17	8.17		6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	3.2	3.2
		reale	29.9	31.3	32.0	33.7	35.3	35.6	37.8		128.3	109.1	89.0	78.8	64.7	65.3	63.8	63.5	69.4	65.1	63.6	60.4	67.1	70.5	70.2	63.4	56.0	46.1	30.2
DONNA	FN25A	teorico	8.36	8.36	8.36	8.36	8.36	8.36	8.36		6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	3.2	3.2
		reale	29.9	31.3	32.0	33.7	35.3	35.6	37.8		128.3	109.1	89.0	78.8	64.7	65.3	63.8	63.5	69.4	65.1	63.6	60.4	67.1	70.5	70.2	63.4	56.0	46.1	29.6
Centrale Urago	STF26	teorico	4.2	4.2	4.2	4.2	4.2	4.2	4.2		8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	8.36	3.2	3.2
		reale	7.9	6.7	10.2	11.6	13.2	15.3	15.8		104.8	85.6	65.5	55.3	41.2	41.8	40.3	40.0	45.9	41.6	40.1	36.9	43.6	47.0	46.7	39.9	32.5	22.6	6.1
NAVIGLIO CIVICO DI CREMONA	FN27A	teorico	8.68	8.68	8.68	8.68	8.68	8.68	8.68		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	3.2	3.2
		reale	28.7	30.0	30.7	32.4	34.0	34.3	36.5		123.3	104.2	84.8	75.2	59.3	59.9	58.4	58.1	64.1	59.9	57.4	53.3	60.0	63.6	62.4	55.4	47.6	37.7	21.1
ANTEGNATA	FN27A	teorico	8.7	8.7	8.7	8.7	8.7	8.7	8.7		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	3.2	3.2
		reale	28.7	30.0	30.7	32.4	34.0	34.3	36.5		123.3	104.2	84.8	75.2	59.3	59.9	58.4	58.1	64.1	59.9	57.4	53.3	60.0	63.6	62.4	55.4	47.6	37.7	21.1
MOLINA	FN27A	teorico	8.82	8.82	8.82	8.82	8.82	8.82	8.82		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	3.2	3.2
		reale	28.7	30.0	30.7	32.4	34.0	34.3	36.5		123.3	104.2	84.8	75.2	59.3	59.9	58.4	58.1	64.1	59.9	57.4	53.3	60.0	63.6	62.4	55.4	47.6	37.7	21.1
ROGGIA CALCIANA	FN27A	teorico	8.86	8.86	8.86	8.86	8.86	8.86	8.86		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	3.2	3.2
		reale	28.7	30.0	30.7	32.4	34.0	34.3	36.5		123.3	104.2	84.8	75.2	59.3	59.9	58.4	58.1	64.1	59.9	57.4	53.3	60.0	63.6	62.4	55.4	47.6	37.7	21.1
NAVIGLIO GRANDE PALLAVICINO	FS30B	teorico	9.19	9.19	9.19	9.19	9.19	9.19	9.19		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	3.3	3.3
		reale	>40	>40	>40	>40	>40	>40	>40		122.1	103.0	83.7	74.3	58.1	58.6	56.9	51.5	57.4	53.3	49.9	45.0	51.7	55.5	54.3	47.4	39.2	28.5	12.0
Roggia MOLINARA	FS33A	teorico	9.27	9.27	9.27	9.27	9.27	9.27	9.27		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	3.3	3.3
		reale	>40	>40	>40	>40	>40	>40	>40		122.1	103.0	83.7	74.3	58.1	58.6	56.9	49.7	55.6	51.5	48.1	43.2	49.9	53.7	52.5	45.6	37.4	26.7	10.2
Cavo di SUPPEDITAZIONE	FS36A	teorico	9.31	9.31	9.31	9.31	9.31	9.31	9.31		6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	3.3	3.3
		reale	>40	>40	>40	>40	>40	>40	>40		122.1	103.0	83.7	74.3	58.1	58.6	56.9	49.3	55.2	51.1	47.7	42.8	49.5	53.3	52.1	45.2	37.0	26.3	9.8
Roggia CONTA di BARCO	FS38A	teorico	9.34	9.34	9.34	9.34	9.34	9.34	9.34		6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	3.3	3.3
		reale	>40	>40	>40	>40	>40	>40	>40		122.1	103.0	83.7	74.3	58.1	58.6	56.9	100.4	111.9	107.8	102.7	110.0	111.8	120.3	119.9	113.0	98.8	87.0	55.1
Consorzio OSTIANESE Nuova	FS59A	teorico	13.74	13.74	13.74	13.74	13.74	13.74	13.74		9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	4.9	4.9
		reale	>60	>60	>60	>60	>60	>60	>60		>60	>60	>60	>60	>60	>60	>60	100.4	111.9	107.8	102.7	110.0	111.8	120.3	119.9	113.0	98.8	87.0	55.1
Impianto S. MARIA di CALVATONE	FS68A	teorico	15.65	15.65	15.65	15.65	15.65	15.65	15.65		11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	5.7	5.7
		reale	>60	>60	>60	>60	>60	>60	>60		>60	>60	>60	>60	>60	>60	>60	124.0	135.4	131.3	126.3	133.6	130.9	143.4	143.5	136.6	122.4	110.1	78.2
Sollevamento S. MICHELE in BOSCO	FS77A	teorico	22.3	22.3	22.3	22.3	22.3	22.3	22.3		15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	7.9	7.9
		reale	>60	>60	>60	>60	>60	>60	>60		>60	>60	>60	>60	>60	>60	>60	143.3	246.3	241.4	230.3	194.9	199.0	216.4	204.6	192.8	190.3	155.7	123.4
Impianto MALDINARO di Marcaria	FS79A	teorico	22.41	22.41	22.41	22.41	22.41	22.41	22.41		15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	7.9	7.9
		reale	>60	>60	>60	>60	>60	>60	>60		>60	>60	>60	>60	>60	>60	>60	150.1	253.1	248.2	237.1	201.7	205.8	223.2	211.4	199.6	197.1	162.5	130.2
Derivazione TORRE d' OGLIO	FS80A	teorico	22.45	22.45	22.45	22.45	22.45	22.45	22.45		15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	8.0	8.0
		reale	>60	>60	>60	>60	>60	>60	>60		>60	>60	>60	>60	>60	>60	>60	150.1	253.1	248.2	237.1	201.7	205.8	223.2	211.4	199.6	197.1	162.5	130.2

= giorni di carenza di rilascio di D.M.V. Le portate rilasciate a valle delle derivazioni sono inferiori a quelle teoriche con uno scarto superiore al 5% (50 l/s ogni m³)

campagna sospesa a causa delle condizioni idrologiche del bacino del f. Oglio (precipitazioni abbondanti)


Interfaccia Dati
Derivazioni e Deflusso Minimo Vitale
Aggiornamento (ora solare)
Lunedì, 29/03/2010
ore 11:00
LEGENDA :
Qc = portata di concessione in mc/s
Qd = portata derivata in mc/s
Qdmv = portata di rilascio del DMV in mc/s
Qval = portata reale di rilascio DMV a valle in mc/s
SC % = scenario di rilascio DMV in vigore
RIS = contributo delle risorgive nel tratto di fiume
LAGO D'ISEO
Q erogata dal lago: m3/s 49.8
km 112.2
Roggia Fusia-Franciacorta Qc 10.021 Qd 0
Qc 60.000 Centrale Castelmontecchio
SC % 5 Qdmv 2.9 Qval 0.8
km 113.3
SC % 5 Qdmv 2.9 Qval 49.8
RIS= 0
km 114.1
SC % 5 Qdmv 2.9 Qval 2.8
Centrale Capriolo Qc 70.000
km 114.7
SC % 5 Qdmv 2.9 Qval 49.8
RIS= 0
km 115.8
SC % 5 Qdmv 2.94 Qval 27.8
Qc 32.000 Centrale Tagliuno
SC % 5 Qdmv 2.94 Qval 49.8
km 118.2
Sollevamento Franciacorta Qc 0.450 Qd 0
SC % 5 Qdmv 7.58 Qval 49.8
Qc 0.600 Qd 0 Sollevamento Media Pianura Bg.
RIS= 0
Roggia Vetra Qc 11.526 Qd 0
km 119.8
Qc 48.000 Centrale Palazzolo
km 122.1
SC % 5 Qdmv 2.96 Qval n.d.
SC % 5 Qdmv 2.96 Qval n.d.
RIS= 0
Roggia Castrina Qc 4.938 Qd 0.6
km 122.9
SC % 5 Qdmv 7.49 Qval n.d.
Qc 5.383 Qd 0 Roggia Sale
RIS= 0
Roggia Trenzana Qc 6.898 Qd 0.4
km 124.1
Qc 32.000 Centrale Palosco
km 125.6
SC % 5 Qdmv 3.02 Qval n.d.
SC % 5 Qdmv 3.02 Qval n.d.
RIS= 0
Roggia Bajona Qc 3.257 Qd 0.3
km 125.9
SC % 5 Qdmv 7.47 Qval n.d.
t. Cherio
km 126.8
RIS= 0
Roggia Rudiana - Vescovada Qc 3.359 Qd 0
km 128.6
SC % 5 Qdmv 8.1 Qval n.d.
RIS= 0
Roggia Castellana Qc 4.800 Qd 0
km 129.7
SC % 5 Qdmv 8.17 Qval n.d.
Qc 2.479 Qd 0 Roggia Donna
km 131.5
SC % 5 Qdmv 8.36 Qval n.d.
RIS= 0
km 131.7
SC % 5 Qdmv 3.21 Qval n.d.
Centrale Urago d'Oglio Qc 22.000
km 134.3
SC % 5 Qdmv 3.21 Qval n.d.


SC % 5 Qdmv 3.21 Qval n.d.
Qc 10.458 Qd 0.8 Naviglio Civico
RIS= 0
km 135.0
SC % 5 Qdmv 8.68 Qval n.d.
Qc 2.288 Qd 0.2 Roggia Antegnata
km 135.4
SC % 5 Qdmv 8.7 Qval n.d.
RIS= 0
Roggia Molina Qc 1.379 Qd 0.5
km 136.7
SC % 5 Qdmv 8.82 Qval n.d.
Qc 1.904 Qd 0.2 Roggia Calciana
RIS= 0
km 137.1
SC % 5 Qdmv 8.86 Qval n.d.
Qc 9.875 Qd 6.3 Naviglio Grande
RIS= 0
km 141
SC % 5 Qdmv 9.19 Qval n.d.
Qc *4.6 Qd n.d. *Roggia Molinara
RIS= 0
km 143.5
SC % 5 Qdmv 9.27 Qval n.d.
*Cavo di Suppeditazione
RIS= 0
Qc *4.6 Qd n.d.
km 147.3
SC % 5 Qdmv 9.31 Qval n.d.
RIS= 0
Roggia Conta di Barco Qc 0.750 Qd n.d.
km 148.9
SC % 5 Qdmv 9.34 Qval n.d.
km 154.6
F. MELLA
RIS= 0
km 203.5
km 206
Consorzio Irrigazione Ostianese Qc 1.060 Qd n.d.
SC % 5 Qdmv 13.74 Qval n.d.
RIS= 0
Qc 7.000 Qd n.d. Sollevamento S.Maria
km 233.1
F. CHIESE
km 235
SC % 5 Qdmv 15.65 Qval n.d.
km 250.1
Sollevamento S.Michele in Bosco Qc 0.800 Qd n.d.
SC % 5 Qdmv 22.3 Qval n.d.
SC % 5 Qdmv 22.41 Qval n.d.
km 257.2
Sollevamento Maldinaro Qc 0.800 Qd n.d.
km 264
Sollevamento Torre d' Oglio Qc 0.800 Qd n.d.
SC % 5 Qdmv 22.45 Qval n.d.
km 266.8
RIS= 0
FIUME PO