

2012

comune di brusciano - na

PUC COMPONENTE strutturale

(L.R. n.16/2004 e Regolamento di Attuazione n.5/2011)

QCA.1.17 - ALLEGATI DI CALCOLO ALLA RETE IDRICA

Adottato con delibera di G.M. n°67-12/04/2012

Adeguato alle osservazioni con delibera di G.M. n°110-01/08/2012

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*                                     *
*               E P A N E T           *
*      Hydraulic and Water Quality    *
*      Analysis for Pipe Networks     *
*               Version 2.0           *
*****

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Input File: bruscianoBUONO fr.NET

Link - Node Table:

Link ID	Start Node	End Node	Length m	Diameter mm
2	1	2	1120	300
5	3	4	180	157.4
11	6	24	300	80
16	9	15	400	157.4
19	12	13	113	150
31	21	22	240	80
33	23	24	320	150
37	15	28	75	209.2
38	29	28	740	80
39	28	30	754	80
41	21	31	135	150
42	31	26	50	250
44	13	10	553	100
45	9	32	250	65
46	3	7	592	150
47	15	33	25	209.2
48	34	35	130	150
49	35	33	78	260.4
51	35	36	200	65
52	34	37	259	105.8
54	38	14	20	150
57	41	12	346	150
62	38	42	576	150
65	43	33	200	250
66	43	14	10	250
67	34	43	15	105.8
68	6	4	302	300
69	21	44	130	157.4
3	2	3	70	311.6
4	5	22	260	80
6	5	23	174	157.4
7	26	8	220	250
8	8	14	107	250
13	44	19	120	150
14	19	2	460	150
15	23	19	165	157.4
17	44	20	80	157.4

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Link - Node Table: (continued)

Link ID	Start Node	End Node	Length m	Diameter mm
18	20	4	280	157.4
20	37	20	71	105.8
24	47	45	504	60
25	17	50	220	80
26	50	38	330	80

brusciano_ATTUALE

27	50	48	230	40
29	46	45	595	80
1	6	51	310	311.6
10	1	51	400	300
23	24	51	680	80
30	49	42	688	100
32	45	12	325	100
21	10	11	150	131.6
22	25	16	114	200
28	16	1	617	350
34	29	22	82	300
40	4	28	5	300
43	7	30	7	80
50	18	14	1	300
53	25	16	114	200
55	16	1	617	150
56	1	51	400	100
9	41	45	441	100
12	13	12	113	100
35	42	13	83	150
36	10	32	23	350

Node Results at 0:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.06	70.07	24.26	0.00
2	0.27	65.89	34.86	0.00
3	0.52	65.80	35.73	0.00
4	0.56	60.00	30.53	0.00
6	0.41	63.10	29.52	0.00
7	0.03	65.58	32.24	0.00
9	0.26	54.09	25.49	0.00
10	0.46	55.51	27.45	0.00
12	0.00	48.10	21.77	0.00
13	0.23	48.10	21.60	0.00
14	0.04	47.03	20.03	0.00
15	0.53	54.07	24.79	0.00
21	0.54	53.52	23.12	0.00
22	0.00	57.63	26.60	0.00
23	0.19	59.42	25.17	0.00

□

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Node Results at 0:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
24	0.03	60.00	22.57	0.00
26	0.19	48.18	19.48	0.00
28	0.51	59.94	30.47	0.00
29	0.01	57.63	26.60	0.00
30	0.04	65.53	32.19	0.00
31	0.40	48.36	19.66	0.00
32	0.03	55.51	27.45	0.00
33	0.00	52.09	22.65	0.00
34	0.18	50.01	23.01	0.00
35	0.07	52.00	23.30	0.00
36	0.13	51.99	23.63	0.00
37	0.25	55.66	28.06	0.00
38	0.04	47.06	20.06	0.00
41	0.06	48.10	21.02	0.00
43	0.08	47.41	20.41	0.00
44	0.29	57.11	27.25	0.00
5	0.03	59.37	24.99	0.00
8	0.00	47.40	20.02	0.00

brusciano_ATTUALE				
17	0.00	47.06	20.81	0.00
19	0.51	59.33	28.93	0.00
20	0.51	57.27	27.59	0.00
45	0.06	48.10	21.30	0.00
46	0.00	48.10	19.90	0.00
47	0.12	48.07	22.02	0.00
48	0.00	47.06	19.78	0.00
49	0.02	47.96	21.11	0.00
50	0.06	47.06	19.76	0.00
51	0.11	65.91	25.03	0.00
16	0.09	75.83	26.83	0.00
42	0.36	47.96	47.96	0.00
25	-228.20	81.00	0.00	0.00 Reservoir
11	-11.83	56.40	0.00	0.00 Reservoir
18	231.72	47.00	0.00	0.00 Reservoir

Link Results at 0:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Headloss m/km	Status
2	80.24	1.14	3.73	Open
5	47.12	2.42	32.18	Open
11	4.61	0.92	10.34	Open
16	1.55	0.08	0.06	Open
19	-0.18	0.01	0.00	Open
31	-6.05	1.20	17.09	Open
33	-8.78	0.50	1.81	Open
37	-160.94	4.68	78.28	Open

□

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Link Results at 0:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Headloss m/km	Status
38	-2.42	0.48	3.12	Open
39	-3.60	0.72	7.42	Open
41	48.84	2.76	38.26	Open
42	48.44	0.99	3.56	Open
44	-9.54	1.21	13.40	Open
45	-1.80	0.54	5.67	Open
46	3.66	0.21	0.36	Open
47	161.96	4.71	79.21	Open
48	-27.85	1.58	15.36	Open
49	-28.05	0.53	1.06	Open
51	0.13	0.04	0.05	Open
52	-13.44	1.53	21.83	Open
54	8.58	0.49	1.53	Open
57	-0.15	0.01	0.00	Open
62	-8.68	0.49	1.56	Open
65	-133.90	2.73	23.38	Open
66	174.94	3.56	38.36	Open
67	41.12	4.68	173.09	Open
68	138.47	1.96	10.24	Open
69	-43.33	2.23	27.55	Open
3	51.30	0.67	1.35	Open
4	3.65	0.73	6.69	Open
6	-3.67	0.19	0.29	Open
7	48.24	0.98	3.53	Open
8	48.24	0.98	3.53	Open
13	-33.06	1.87	18.58	Open
14	-28.66	1.62	14.26	Open
15	4.92	0.25	0.49	Open
17	-10.56	0.54	2.02	Open
18	-24.77	1.27	9.78	Open
20	-13.70	1.56	22.61	Open

brusciano_ATTUALE

24	-0.12	0.04	0.05	Open
25	0.00	0.00	0.00	Open
26	-0.06	0.01	0.00	Open
27	0.00	0.00	0.00	Open
29	0.00	0.00	0.00	Open
1	-143.50	1.88	9.09	Open
10	139.50	1.97	10.38	Open
23	-4.20	0.84	8.70	Open
30	-0.02	0.00	0.00	Open
32	-0.10	0.01	0.00	Open
21	-11.83	0.87	5.96	Open
22	114.10	3.63	45.36	Open
28	197.69	2.05	9.34	Open
34	2.40	0.03	0.01	Open
40	160.27	2.27	13.42	Open
43	3.63	0.72	7.56	Open

□

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Link Results at 0:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
50	-231.72	3.28	26.56	Open
53	114.10	3.63	45.36	Open
55	30.41	1.72	9.34	Open
56	8.31	1.06	10.38	Open
9	0.09	0.01	0.00	Open
12	0.07	0.01	0.00	Open
35	-9.06	0.51	1.69	Open
36	1.84	0.02	0.00	Open

Node Results at 1:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.06	70.07	24.26	0.00
2	0.27	65.89	34.86	0.00
3	0.52	65.80	35.73	0.00
4	0.56	60.00	30.53	0.00
6	0.41	63.10	29.52	0.00
7	0.03	65.58	32.24	0.00
9	0.26	54.09	25.49	0.00
10	0.46	55.51	27.45	0.00
12	0.00	48.10	21.77	0.00
13	0.23	48.10	21.60	0.00
14	0.04	47.03	20.03	0.00
15	0.53	54.07	24.79	0.00
21	0.54	53.52	23.12	0.00
22	0.00	57.63	26.60	0.00
23	0.19	59.42	25.17	0.00
24	0.03	60.00	22.57	0.00
26	0.19	48.18	19.48	0.00
28	0.51	59.94	30.47	0.00
29	0.01	57.63	26.60	0.00
30	0.04	65.53	32.19	0.00
31	0.40	48.36	19.66	0.00
32	0.03	55.51	27.45	0.00
33	0.00	52.09	22.65	0.00
34	0.18	50.01	23.01	0.00
35	0.07	52.00	23.30	0.00
36	0.13	51.99	23.63	0.00
37	0.25	55.66	28.06	0.00
38	0.04	47.06	20.06	0.00
41	0.06	48.10	21.02	0.00
43	0.08	47.41	20.41	0.00

brusciano_ATTUALE				
44	0.29	57.11	27.25	0.00
5	0.03	59.37	24.99	0.00
8	0.00	47.40	20.02	0.00

□

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Node Results at 1:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
17	0.00	47.06	20.81	0.00
19	0.51	59.33	28.93	0.00
20	0.51	57.27	27.59	0.00
45	0.06	48.10	21.30	0.00
46	0.00	48.10	19.90	0.00
47	0.12	48.07	22.02	0.00
48	0.00	47.06	19.78	0.00
49	0.02	47.96	21.11	0.00
50	0.06	47.06	19.76	0.00
51	0.11	65.91	25.03	0.00
16	0.09	75.83	26.83	0.00
42	0.36	47.96	47.96	0.00
25	-228.20	81.00	0.00	0.00 Reservoir
11	-11.83	56.40	0.00	0.00 Reservoir
18	231.72	47.00	0.00	0.00 Reservoir

Link Results at 1:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	80.24	1.14	3.73	Open
5	47.12	2.42	32.18	Open
11	4.61	0.92	10.34	Open
16	1.55	0.08	0.06	Open
19	-0.19	0.01	0.00	Open
31	-6.05	1.20	17.09	Open
33	-8.78	0.50	1.81	Open
37	-160.94	4.68	78.28	Open
38	-2.42	0.48	3.12	Open
39	-3.60	0.72	7.42	Open
41	48.84	2.76	38.26	Open
42	48.44	0.99	3.56	Open
44	-9.54	1.21	13.40	Open
45	-1.80	0.54	5.67	Open
46	3.66	0.21	0.36	Open
47	161.96	4.71	79.21	Open
48	-27.85	1.58	15.36	Open
49	-28.05	0.53	1.06	Open
51	0.13	0.04	0.05	Open
52	-13.44	1.53	21.83	Open
54	8.58	0.49	1.53	Open
57	-0.15	0.01	0.00	Open
62	-8.68	0.49	1.56	Open
65	-133.90	2.73	23.38	Open
66	174.94	3.56	38.36	Open
67	41.12	4.68	173.09	Open

□

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Link Results at 1:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
68	138.47	1.96	10.24	Open
69	-43.33	2.23	27.55	Open

		brusciano_ATTUALE		
3	51.30	0.67	1.35	Open
4	3.65	0.73	6.69	Open
6	-3.67	0.19	0.29	Open
7	48.24	0.98	3.53	Open
8	48.24	0.98	3.53	Open
13	-33.06	1.87	18.58	Open
14	-28.66	1.62	14.26	Open
15	4.92	0.25	0.49	Open
17	-10.56	0.54	2.02	Open
18	-24.77	1.27	9.78	Open
20	-13.70	1.56	22.61	Open
24	-0.12	0.04	0.05	Open
25	0.00	0.00	0.00	Open
26	-0.06	0.01	0.00	Open
27	0.00	0.00	0.00	Open
29	0.00	0.00	0.00	Open
1	-143.50	1.88	9.09	Open
10	139.50	1.97	10.38	Open
23	-4.20	0.84	8.70	Open
30	-0.02	0.00	0.00	Open
32	-0.10	0.01	0.00	Open
21	-11.83	0.87	5.96	Open
22	114.10	3.63	45.36	Open
28	197.69	2.05	9.34	Open
34	2.40	0.03	0.01	Open
40	160.27	2.27	13.42	Open
43	3.63	0.72	7.56	Open
50	-231.72	3.28	26.56	Open
53	114.10	3.63	45.36	Open
55	30.41	1.72	9.34	Open
56	8.31	1.06	10.38	Open
9	0.09	0.01	0.00	Open
12	0.06	0.01	0.00	Open
35	-9.06	0.51	1.69	Open
36	1.84	0.02	0.00	Open

□

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Node Results at 2:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.08	70.00	24.19	0.00
2	0.37	65.79	34.76	0.00
3	0.69	65.70	35.63	0.00
4	0.75	59.91	30.44	0.00
6	0.55	63.01	29.43	0.00
7	0.04	65.48	32.14	0.00
9	0.34	54.02	25.42	0.00
10	0.61	55.48	27.42	0.00
12	0.00	48.04	21.71	0.00
13	0.30	48.04	21.54	0.00
14	0.06	47.03	20.03	0.00
15	0.70	54.00	24.72	0.00
21	0.72	53.42	23.02	0.00
22	0.00	57.51	26.48	0.00
23	0.26	59.28	25.03	0.00
24	0.04	59.86	22.43	0.00
26	0.26	48.16	19.46	0.00
28	0.68	59.84	30.37	0.00
29	0.02	57.51	26.48	0.00
30	0.05	65.43	32.09	0.00
31	0.54	48.33	19.63	0.00
32	0.04	55.48	27.42	0.00
33	0.00	52.04	22.60	0.00
34	0.24	49.97	22.97	0.00

brusciano_ATTUALE				
35	0.10	51.96	23.26	0.00
36	0.18	51.94	23.58	0.00
37	0.34	55.54	27.94	0.00
38	0.06	47.05	20.05	0.00
41	0.08	48.04	20.96	0.00
43	0.11	47.41	20.41	0.00
44	0.39	56.98	27.12	0.00
5	0.04	59.23	24.85	0.00
8	0.00	47.40	20.02	0.00
17	0.00	47.05	20.80	0.00
19	0.68	59.20	28.80	0.00
20	0.68	57.14	27.46	0.00
45	0.08	48.04	21.24	0.00
46	0.01	48.04	19.84	0.00
47	0.16	47.99	21.94	0.00
48	0.01	47.05	19.77	0.00
49	0.02	47.90	21.05	0.00
50	0.08	47.05	19.75	0.00
51	0.14	65.83	24.95	0.00
16	0.12	75.80	26.80	0.00
42	0.48	47.90	47.90	0.00
25	-228.92	81.00	0.00	0.00 Reservoir
11	-12.04	56.40	0.00	0.00 Reservoir

□

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Node Results at 2:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	229.88	47.00	0.00	0.00 Reservoir

Link Results at 2:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	80.59	1.14	3.76	Open
5	47.10	2.42	32.16	Open
11	4.65	0.92	10.48	Open
16	1.48	0.08	0.05	Open
19	-0.25	0.01	0.00	Open
31	-6.04	1.20	17.02	Open
33	-8.83	0.50	1.83	Open
37	-160.48	4.67	77.88	Open
38	-2.43	0.48	3.16	Open
39	-3.60	0.72	7.41	Open
41	48.47	2.74	37.73	Open
42	47.94	0.98	3.49	Open
44	-9.56	1.22	13.45	Open
45	-1.83	0.55	5.81	Open
46	3.68	0.21	0.36	Open
47	161.27	4.69	78.58	Open
48	-27.76	1.57	15.27	Open
49	-28.03	0.53	1.06	Open
51	0.18	0.05	0.08	Open
52	-13.33	1.52	21.50	Open
54	8.28	0.47	1.43	Open
57	-0.20	0.01	0.00	Open
62	-8.42	0.48	1.47	Open
65	-133.24	2.71	23.17	Open
66	173.98	3.54	37.97	Open
67	40.85	4.65	171.05	Open
68	138.57	1.96	10.25	Open
69	-43.16	2.22	27.35	Open
3	51.48	0.68	1.36	Open
4	3.62	0.72	6.62	Open

		brusciano_ATTUALE		
6	-3.66	0.19	0.28	Open
7	47.68	0.97	3.45	Open
8	47.68	0.97	3.45	Open
13	-32.98	1.87	18.49	Open
14	-28.75	1.63	14.34	Open
15	4.91	0.25	0.49	Open
17	-10.57	0.54	2.02	Open
18	-24.92	1.28	9.89	Open
20	-13.67	1.56	22.53	Open
24	-0.16	0.06	0.09	Open

□

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Link Results at 2:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.08	0.02	0.01	Open
27	0.01	0.00	0.00	Open
29	-0.01	0.00	0.00	Open
1	-143.77	1.89	9.12	Open
10	139.80	1.98	10.42	Open
23	-4.22	0.84	8.78	Open
30	-0.02	0.00	0.00	Open
32	-0.14	0.02	0.01	Open
21	-12.04	0.89	6.15	Open
22	114.46	3.64	45.63	Open
28	198.30	2.06	9.39	Open
34	2.41	0.03	0.01	Open
40	160.00	2.26	13.38	Open
43	3.64	0.72	7.59	Open
50	-229.88	3.25	26.17	Open
53	114.46	3.64	45.63	Open
55	30.51	1.73	9.39	Open
56	8.33	1.06	10.42	Open
9	0.12	0.02	0.00	Open
12	0.09	0.01	0.00	Open
35	-8.92	0.50	1.64	Open
36	1.87	0.02	0.00	Open

Node Results at 3:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.10	69.94	24.13	0.00
2	0.46	65.70	34.67	0.00
3	0.87	65.60	35.53	0.00
4	0.94	59.82	30.35	0.00
6	0.69	62.92	29.34	0.00
7	0.05	65.38	32.04	0.00
9	0.43	53.96	25.36	0.00
10	0.77	55.45	27.39	0.00
12	0.00	47.98	21.65	0.00
13	0.38	47.98	21.48	0.00
14	0.07	47.03	20.03	0.00
15	0.88	53.94	24.66	0.00
21	0.90	53.32	22.92	0.00
22	0.00	57.39	26.36	0.00
23	0.32	59.14	24.89	0.00
24	0.05	59.73	22.30	0.00
26	0.32	48.13	19.43	0.00
28	0.85	59.75	30.28	0.00

□

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Node Results at 3:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
29	0.02	57.39	26.36	0.00	
30	0.06	65.33	31.99	0.00	
31	0.67	48.30	19.60	0.00	
32	0.05	55.45	27.39	0.00	
33	0.00	51.99	22.55	0.00	
34	0.30	49.94	22.94	0.00	
35	0.12	51.91	23.21	0.00	
36	0.22	51.89	23.53	0.00	
37	0.42	55.42	27.82	0.00	
38	0.07	47.05	20.05	0.00	
41	0.10	47.98	20.90	0.00	
43	0.14	47.40	20.40	0.00	
44	0.48	56.85	26.99	0.00	
5	0.05	59.09	24.71	0.00	
8	0.00	47.39	20.01	0.00	
17	0.00	47.05	20.80	0.00	
19	0.86	59.06	28.66	0.00	
20	0.85	57.02	27.34	0.00	
45	0.10	47.98	21.18	0.00	
46	0.01	47.98	19.78	0.00	
47	0.20	47.91	21.86	0.00	
48	0.01	47.05	19.77	0.00	
49	0.03	47.85	21.00	0.00	
50	0.09	47.05	19.75	0.00	
51	0.18	65.75	24.87	0.00	
16	0.14	75.77	26.77	0.00	
42	0.60	47.85	47.85	0.00	
25	-229.65	81.00	0.00	0.00	Reservoir
11	-12.25	56.40	0.00	0.00	Reservoir
18	228.04	47.00	0.00	0.00	Reservoir

Link Results at 3:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	80.95	1.15	3.79	Open
5	47.08	2.42	32.13	Open
11	4.68	0.93	10.62	Open
16	1.42	0.07	0.05	Open
19	-0.31	0.02	0.00	Open
31	-6.02	1.20	16.95	Open
33	-8.87	0.50	1.85	Open
37	-160.03	4.66	77.47	Open
38	-2.44	0.49	3.19	Open
39	-3.59	0.71	7.40	Open
41	48.11	2.72	37.20	Open

□

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Link Results at 3:00 Hrs: (continued)

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
42	47.44	0.97	3.42	Open
44	-9.58	1.22	13.50	Open
45	-1.85	0.56	5.95	Open
46	3.70	0.21	0.37	Open
47	160.57	4.67	77.96	Open
48	-27.66	1.57	15.17	Open
49	-28.01	0.53	1.06	Open
51	0.22	0.07	0.12	Open

		brusciano_ATTUALE		
52	-13.22	1.50	21.17	Open
54	7.97	0.45	1.33	Open
57	-0.25	0.01	0.00	Open
62	-8.15	0.46	1.39	Open
65	-132.57	2.70	22.95	Open
66	173.02	3.52	37.58	Open
67	40.59	4.62	169.02	Open
68	138.66	1.96	10.26	Open
69	-42.99	2.21	27.15	Open
3	51.65	0.68	1.37	Open
4	3.60	0.72	6.54	Open
6	-3.65	0.19	0.28	Open
7	47.12	0.96	3.38	Open
8	47.12	0.96	3.38	Open
13	-32.89	1.86	18.40	Open
14	-28.84	1.63	14.43	Open
15	4.90	0.25	0.49	Open
17	-10.58	0.54	2.02	Open
18	-25.08	1.29	10.01	Open
20	-13.65	1.55	22.45	Open
24	-0.20	0.07	0.13	Open
25	0.00	0.00	0.00	Open
26	-0.10	0.02	0.01	Open
27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-144.03	1.89	9.15	Open
10	140.10	1.98	10.46	Open
23	-4.24	0.84	8.86	Open
30	-0.03	0.00	0.00	Open
32	-0.17	0.02	0.01	Open
21	-12.25	0.90	6.35	Open
22	114.82	3.65	45.90	Open
28	198.90	2.07	9.45	Open
34	2.42	0.03	0.01	Open
40	159.73	2.26	13.34	Open
43	3.65	0.73	7.63	Open
50	-228.04	3.23	25.78	Open
53	114.82	3.65	45.90	Open
55	30.60	1.73	9.45	Open

□

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Link Results at 3:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
56	8.35	1.06	10.46	Open
9	0.15	0.02	0.01	Open
12	0.11	0.01	0.00	Open
35	-8.78	0.50	1.60	Open
36	1.91	0.02	0.00	Open

Node Results at 4:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.13	69.88	24.07	0.00
2	0.55	65.60	34.57	0.00
3	1.04	65.50	35.43	0.00
4	1.12	59.72	30.25	0.00
6	0.83	62.83	29.25	0.00
7	0.06	65.28	31.94	0.00
9	0.51	53.90	25.30	0.00
10	0.92	55.42	27.36	0.00
12	0.00	47.93	21.60	0.00
13	0.46	47.93	21.43	0.00

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14	0.08	47.03	20.03	0.00
15	1.05	53.88	24.60	0.00
21	1.08	53.23	22.83	0.00
22	0.00	57.27	26.24	0.00
23	0.38	59.00	24.75	0.00
24	0.06	59.60	22.17	0.00
26	0.38	48.11	19.41	0.00
28	1.02	59.66	30.19	0.00
29	0.03	57.28	26.25	0.00
30	0.07	65.23	31.89	0.00
31	0.80	48.27	19.57	0.00
32	0.07	55.42	27.36	0.00
33	0.00	51.94	22.50	0.00
34	0.35	49.90	22.90	0.00
35	0.14	51.86	23.16	0.00
36	0.27	51.83	23.47	0.00
37	0.51	55.30	27.70	0.00
38	0.09	47.05	20.05	0.00
41	0.12	47.93	20.85	0.00
43	0.17	47.40	20.40	0.00
44	0.58	56.73	26.87	0.00
5	0.05	58.96	24.58	0.00
8	0.00	47.38	20.00	0.00
17	0.00	47.05	20.80	0.00
19	1.03	58.92	28.52	0.00
20	1.02	56.89	27.21	0.00

□

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Node Results at 4:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
45	0.13	47.92	21.12	0.00	
46	0.01	47.92	19.72	0.00	
47	0.25	47.83	21.78	0.00	
48	0.01	47.05	19.77	0.00	
49	0.04	47.80	20.95	0.00	
50	0.11	47.05	19.75	0.00	
51	0.21	65.67	24.79	0.00	
16	0.17	75.74	26.74	0.00	
42	0.73	47.80	47.80	0.00	
25	-230.37	81.00	0.00	0.00	Reservoir
11	-12.45	56.40	0.00	0.00	Reservoir
18	226.20	47.00	0.00	0.00	Reservoir

Link Results at 4:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Headloss m/km	Status
2	81.30	1.15	3.82	Open
5	47.06	2.42	32.10	Open
11	4.71	0.94	10.76	Open
16	1.36	0.07	0.05	Open
19	-0.37	0.02	0.00	Open
31	-6.01	1.20	16.87	Open
33	-8.91	0.50	1.86	Open
37	-159.57	4.64	77.06	Open
38	-2.46	0.49	3.22	Open
39	-3.59	0.71	7.39	Open
41	47.74	2.70	36.68	Open
42	46.93	0.96	3.35	Open
44	-9.59	1.22	13.54	Open
45	-1.87	0.56	6.09	Open
46	3.72	0.21	0.37	Open
47	159.88	4.65	77.33	Open

		brusciano_ATTUALE		
48	-27.57	1.56	15.08	Open
49	-27.98	0.53	1.06	Open
51	0.27	0.08	0.17	Open
52	-13.11	1.49	20.85	Open
54	7.67	0.43	1.24	Open
57	-0.30	0.02	0.00	Open
62	-7.88	0.45	1.30	Open
65	-131.90	2.69	22.74	Open
66	172.06	3.51	37.20	Open
67	40.33	4.59	166.99	Open
68	138.76	1.96	10.28	Open
69	-42.81	2.20	26.94	Open
3	51.82	0.68	1.38	Open

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Link Results at 4:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
4	3.58	0.71	6.46	Open
6	-3.63	0.19	0.28	Open
7	46.55	0.95	3.30	Open
8	46.55	0.95	3.30	Open
13	-32.80	1.86	18.31	Open
14	-28.93	1.64	14.51	Open
15	4.89	0.25	0.49	Open
17	-10.59	0.54	2.03	Open
18	-25.23	1.30	10.12	Open
20	-13.62	1.55	22.37	Open
24	-0.25	0.09	0.18	Open
25	0.00	0.00	0.00	Open
26	-0.12	0.02	0.01	Open
27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-144.30	1.89	9.18	Open
10	140.41	1.99	10.50	Open
23	-4.26	0.85	8.93	Open
30	-0.04	0.00	0.00	Open
32	-0.20	0.03	0.02	Open
21	-12.45	0.92	6.54	Open
22	115.19	3.67	46.16	Open
28	199.51	2.07	9.50	Open
34	2.43	0.03	0.01	Open
40	159.46	2.26	13.29	Open
43	3.66	0.73	7.67	Open
50	-226.20	3.20	25.40	Open
53	115.19	3.67	46.16	Open
55	30.69	1.74	9.50	Open
56	8.36	1.07	10.50	Open
9	0.18	0.02	0.01	Open
12	0.13	0.02	0.00	Open
35	-8.64	0.49	1.55	Open
36	1.94	0.02	0.00	Open

Node Results at 5:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.23	69.56	23.75	0.00
2	1.01	65.11	34.08	0.00
3	1.90	65.01	34.94	0.00
4	2.06	59.26	29.79	0.00
6	1.52	62.38	28.80	0.00
7	0.11	64.78	31.44	0.00
9	0.94	53.58	24.98	0.00

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Node Results at 5:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
10	1.68	55.27	27.21	0.00
12	0.00	47.68	21.35	0.00
13	0.84	47.68	21.18	0.00
14	0.15	47.02	20.02	0.00
15	1.93	53.57	24.29	0.00
21	1.99	52.73	22.33	0.00
22	0.00	56.69	25.66	0.00
23	0.70	58.32	24.07	0.00
24	0.12	58.94	21.51	0.00
26	0.70	47.98	19.28	0.00
28	1.87	59.19	29.72	0.00
29	0.05	56.69	25.66	0.00
30	0.13	64.73	31.39	0.00
31	1.47	48.14	19.44	0.00
32	0.12	55.27	27.21	0.00
33	0.00	51.71	22.27	0.00
34	0.65	49.73	22.73	0.00
35	0.26	51.63	22.93	0.00
36	0.49	51.53	23.17	0.00
37	0.94	54.71	27.11	0.00
38	0.16	47.04	20.04	0.00
41	0.21	47.67	20.59	0.00
43	0.30	47.38	20.38	0.00
44	1.06	56.10	26.24	0.00
5	0.10	58.28	23.90	0.00
8	0.00	47.34	19.96	0.00
17	0.00	47.03	20.78	0.00
19	1.88	58.24	27.84	0.00
20	1.88	56.27	26.59	0.00
45	0.23	47.66	20.86	0.00
46	0.02	47.66	19.46	0.00
47	0.45	47.37	21.32	0.00
48	0.02	47.02	19.74	0.00
49	0.07	47.57	20.72	0.00
50	0.21	47.03	19.73	0.00
51	0.39	65.28	24.40	0.00
16	0.32	75.59	26.59	0.00
42	1.33	47.57	47.57	0.00
25	-233.95	81.00	0.00	0.00 Reservoir
11	-13.45	56.40	0.00	0.00 Reservoir
18	216.91	47.00	0.00	0.00 Reservoir

□

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Link Results at 5:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	83.05	1.17	3.97	Open
5	46.94	2.41	31.96	Open
11	4.87	0.97	11.46	Open
16	1.04	0.05	0.03	Open
19	-0.68	0.04	0.01	Open
31	-5.94	1.18	16.50	Open
33	-9.12	0.52	1.94	Open
37	-157.29	4.58	75.03	Open
38	-2.52	0.50	3.38	Open
39	-3.58	0.71	7.34	Open

		brusciano_ATTUALE		
41	45.87	2.60	34.07	Open
42	44.40	0.90	3.03	Open
44	-9.66	1.23	13.72	Open
45	-1.98	0.60	6.76	Open
46	3.82	0.22	0.39	Open
47	156.40	4.55	74.24	Open
48	-27.10	1.53	14.61	Open
49	-27.86	0.52	1.05	Open
51	0.49	0.15	0.51	Open
52	-12.55	1.43	19.22	Open
54	6.13	0.35	0.82	Open
57	-0.54	0.03	0.01	Open
62	-6.52	0.37	0.92	Open
65	-128.54	2.62	21.68	Open
66	167.24	3.41	35.29	Open
67	39.00	4.44	156.97	Open
68	139.20	1.97	10.34	Open
69	-41.92	2.15	25.91	Open
3	52.67	0.69	1.42	Open
4	3.46	0.69	6.09	Open
6	-3.56	0.18	0.27	Open
7	43.69	0.89	2.94	Open
8	43.69	0.89	2.94	Open
13	-32.35	1.83	17.84	Open
14	-29.38	1.66	14.93	Open
15	4.85	0.25	0.48	Open
17	-10.63	0.55	2.04	Open
18	-25.99	1.34	10.69	Open
20	-13.48	1.53	21.95	Open
24	-0.45	0.16	0.57	Open
25	0.00	0.00	0.00	Open
26	-0.23	0.04	0.04	Open
27	0.02	0.01	0.01	Open
29	-0.02	0.00	0.00	Open
1	-145.60	1.91	9.34	Open
10	141.89	2.01	10.71	Open
23	-4.36	0.87	9.31	Open

□

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Link Results at 5:00 Hrs: (continued)

Link ID	Flow LPS	VelocityUnit m/s	Headloss m/km	Status
30	-0.07	0.01	0.00	Open
32	-0.37	0.05	0.05	Open
21	-13.45	0.99	7.55	Open
22	116.97	3.72	47.50	Open
28	202.48	2.10	9.76	Open
34	2.47	0.03	0.01	Open
40	158.10	2.24	13.08	Open
43	3.71	0.74	7.85	Open
50	-216.91	3.07	23.50	Open
53	116.97	3.72	47.50	Open
55	31.15	1.76	9.76	Open
56	8.45	1.08	10.71	Open
9	0.33	0.04	0.03	Open
12	0.23	0.03	0.01	Open
35	-7.92	0.45	1.32	Open
36	2.10	0.02	0.00	Open

Node Results at 6:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.38	69.12	23.31	0.00

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2	1.65	64.43	33.40	0.00
3	3.11	64.33	34.26	0.00
4	3.37	58.62	29.15	0.00
6	2.48	61.77	28.19	0.00
7	0.18	64.09	30.75	0.00
9	1.54	53.14	24.54	0.00
10	2.75	55.05	26.99	0.00
12	0.00	47.38	21.05	0.00
13	1.37	47.39	20.89	0.00
14	0.25	47.02	20.02	0.00
15	3.16	53.14	23.86	0.00
21	3.25	52.07	21.67	0.00
22	0.00	55.89	24.86	0.00
23	1.15	57.38	23.13	0.00
24	0.19	58.04	20.61	0.00
26	1.15	47.82	19.12	0.00
28	3.06	58.56	29.09	0.00
29	0.08	55.89	24.86	0.00
30	0.22	64.03	30.69	0.00
31	2.41	47.95	19.25	0.00
32	0.20	55.05	26.99	0.00
33	0.00	51.39	21.95	0.00
34	1.06	49.50	22.50	0.00
35	0.43	51.31	22.61	0.00

□

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Node Results at 6:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
36	0.80	51.06	22.70	0.00
37	1.53	53.89	26.29	0.00
38	0.26	47.03	20.03	0.00
41	0.35	47.37	20.29	0.00
43	0.50	47.35	20.35	0.00
44	1.74	55.24	25.38	0.00
5	0.16	57.34	22.96	0.00
8	0.00	47.28	19.90	0.00
17	0.00	47.00	20.75	0.00
19	3.08	57.30	26.90	0.00
20	3.07	55.41	25.73	0.00
45	0.38	47.34	20.54	0.00
46	0.03	47.34	19.14	0.00
47	0.74	46.63	20.58	0.00
48	0.03	46.99	19.71	0.00
49	0.11	47.30	20.45	0.00
50	0.34	47.00	19.70	0.00
51	0.64	64.73	23.85	0.00
16	0.52	75.37	26.37	0.00
42	2.18	47.30	47.30	0.00
25	-238.84	81.00	0.00	0.00 Reservoir
11	-14.78	56.40	0.00	0.00 Reservoir
18	203.74	47.00	0.00	0.00 Reservoir

Link Results at 6:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	85.45	1.21	4.19	Open
5	46.76	2.40	31.72	Open
11	5.09	1.01	12.43	Open
16	0.58	0.03	0.01	Open
19	-1.11	0.06	0.03	Open
31	-5.83	1.16	15.94	Open
33	-9.39	0.53	2.05	Open

		brusciano_ATTUALE		
37	-154.06	4.48	72.20	Open
38	-2.61	0.52	3.60	Open
39	-3.56	0.71	7.26	Open
41	43.19	2.44	30.47	Open
42	40.78	0.83	2.59	Open
44	-9.72	1.24	13.86	Open
45	-2.12	0.64	7.63	Open
46	3.95	0.22	0.41	Open
47	151.48	4.41	69.97	Open
48	-26.44	1.50	13.96	Open
49	-27.68	0.52	1.03	Open

□

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Link Results at 6:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
51	0.80	0.24	1.26	Open
52	-11.74	1.34	16.98	Open
54	3.94	0.22	0.36	Open
57	-0.89	0.05	0.02	Open
62	-4.57	0.26	0.48	Open
65	-123.80	2.52	20.22	Open
66	160.42	3.27	32.67	Open
67	37.12	4.22	143.23	Open
68	139.78	1.98	10.42	Open
69	-40.61	2.09	24.44	Open
3	53.82	0.71	1.48	Open
4	3.30	0.66	5.56	Open
6	-3.46	0.18	0.26	Open
7	39.63	0.81	2.45	Open
8	39.63	0.81	2.45	Open
13	-31.69	1.79	17.17	Open
14	-29.98	1.70	15.50	Open
15	4.78	0.25	0.47	Open
17	-10.66	0.55	2.05	Open
18	-27.00	1.39	11.47	Open
20	-13.27	1.51	21.31	Open
24	-0.74	0.26	1.41	Open
25	0.00	0.00	0.00	Open
26	-0.37	0.07	0.10	Open
27	0.03	0.02	0.03	Open
29	-0.03	0.01	0.00	Open
1	-147.36	1.93	9.55	Open
10	143.91	2.04	10.99	Open
23	-4.49	0.89	9.84	Open
30	-0.11	0.01	0.00	Open
32	-0.61	0.08	0.12	Open
21	-14.78	1.09	8.99	Open
22	119.42	3.80	49.36	Open
28	206.54	2.15	10.13	Open
34	2.53	0.04	0.01	Open
40	156.17	2.21	12.79	Open
43	3.77	0.75	8.10	Open
50	-203.74	2.88	20.93	Open
53	119.42	3.80	49.36	Open
55	31.77	1.80	10.13	Open
56	8.57	1.09	10.99	Open
9	0.53	0.07	0.07	Open
12	0.38	0.05	0.03	Open
35	-6.85	0.39	1.01	Open
36	2.31	0.02	0.00	Open

□

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brusciano_ATTUALE

Node Results at 7:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.48	68.81	23.00	0.00
2	2.10	63.95	32.92	0.00
3	3.98	63.85	33.78	0.00
4	4.30	58.17	28.70	0.00
6	3.17	61.33	27.75	0.00
7	0.23	63.59	30.25	0.00
9	1.97	52.84	24.24	0.00
10	3.52	54.89	26.83	0.00
12	0.00	47.22	20.89	0.00
13	1.75	47.23	20.73	0.00
14	0.32	47.02	20.02	0.00
15	4.04	52.84	23.56	0.00
21	4.15	51.60	21.20	0.00
22	0.00	55.33	24.30	0.00
23	1.47	56.72	22.47	0.00
24	0.24	57.40	19.97	0.00
26	1.47	47.71	19.01	0.00
28	3.91	58.11	28.64	0.00
29	0.10	55.33	24.30	0.00
30	0.28	63.53	30.19	0.00
31	3.08	47.83	19.13	0.00
32	0.25	54.89	26.83	0.00
33	0.00	51.17	21.73	0.00
34	1.36	49.33	22.33	0.00
35	0.55	51.09	22.39	0.00
36	1.02	50.69	22.33	0.00
37	1.96	53.33	25.73	0.00
38	0.33	47.02	20.02	0.00
41	0.45	47.21	20.13	0.00
43	0.63	47.33	20.33	0.00
44	2.22	54.64	24.78	0.00
5	0.21	56.67	22.29	0.00
8	0.00	47.25	19.87	0.00
17	0.00	46.97	20.72	0.00
19	3.93	56.64	26.24	0.00
20	3.92	54.80	25.12	0.00
45	0.48	47.16	20.36	0.00
46	0.03	47.16	18.96	0.00
47	0.94	46.04	19.99	0.00
48	0.03	46.96	19.68	0.00
49	0.14	47.15	20.30	0.00
50	0.44	46.97	19.67	0.00
51	0.82	64.34	23.46	0.00
16	0.67	75.22	26.22	0.00
42	2.78	47.16	47.16	0.00
25	-242.25	81.00	0.00	0.00 Reservoir
11	-15.69	56.40	0.00	0.00 Reservoir

□

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Node Results at 7:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	194.20	47.00	0.00	0.00 Reservoir

Link Results at 7:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	87.13	1.23	4.34	Open

	brusciano_ATTUALE			
5	46.61	2.40	31.53	Open
11	5.24	1.04	13.11	Open
16	0.23	0.01	0.00	Open
19	-1.42	0.08	0.05	Open
31	-5.74	1.14	15.51	Open
33	-9.58	0.54	2.13	Open
37	-151.74	4.41	70.20	Open
38	-2.67	0.53	3.76	Open
39	-3.54	0.70	7.20	Open
41	41.23	2.33	27.96	Open
42	38.15	0.78	2.28	Open
44	-9.72	1.24	13.87	Open
45	-2.20	0.66	8.20	Open
46	4.05	0.23	0.43	Open
47	147.93	4.30	66.97	Open
48	-25.97	1.47	13.50	Open
49	-27.55	0.52	1.03	Open
51	1.02	0.31	1.99	Open
52	-11.14	1.27	15.42	Open
54	2.34	0.13	0.14	Open
57	-1.13	0.06	0.04	Open
62	-3.14	0.18	0.24	Open
65	-120.39	2.45	19.20	Open
66	155.51	3.17	30.84	Open
67	35.76	4.07	133.65	Open
68	140.16	1.98	10.47	Open
69	-39.64	2.04	23.36	Open
3	54.63	0.72	1.52	Open
4	3.18	0.63	5.18	Open
6	-3.38	0.17	0.24	Open
7	36.67	0.75	2.12	Open
8	36.67	0.75	2.12	Open
13	-31.19	1.76	16.67	Open
14	-30.39	1.72	15.90	Open
15	4.73	0.24	0.46	Open
17	-10.67	0.55	2.06	Open
18	-27.69	1.42	12.02	Open
20	-13.10	1.49	20.80	Open
24	-0.94	0.33	2.22	Open

□

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Link Results at 7:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.47	0.09	0.15	Open
27	0.03	0.03	0.04	Open
29	-0.03	0.01	0.00	Open
1	-148.58	1.95	9.69	Open
10	145.31	2.06	11.19	Open
23	-4.58	0.91	10.21	Open
30	-0.14	0.02	0.01	Open
32	-0.78	0.10	0.19	Open
21	-15.69	1.15	10.04	Open
22	121.13	3.86	50.67	Open
28	209.37	2.18	10.39	Open
34	2.57	0.04	0.01	Open
40	154.78	2.19	12.58	Open
43	3.82	0.76	8.27	Open
50	-194.20	2.75	19.15	Open
53	121.13	3.86	50.67	Open
55	32.21	1.82	10.39	Open
56	8.66	1.10	11.19	Open
9	0.68	0.09	0.12	Open
12	0.49	0.06	0.05	Open

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35	-6.06	0.34	0.80	Open
36	2.45	0.03	0.00	Open

Node Results at 8:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.71	68.14	22.33	0.00
2	3.11	62.91	31.88	0.00
3	5.88	62.79	32.72	0.00
4	6.36	57.20	27.73	0.00
6	4.69	60.39	26.81	0.00
7	0.34	62.51	29.17	0.00
9	2.91	52.20	23.60	0.00
10	5.20	54.55	26.49	0.00
12	0.00	47.04	20.71	0.00
13	2.58	47.05	20.55	0.00
14	0.48	47.02	20.02	0.00
15	5.97	52.20	22.92	0.00
21	6.14	50.63	20.23	0.00
22	0.00	54.11	23.08	0.00
23	2.18	55.28	21.03	0.00
24	0.36	56.02	18.59	0.00
26	2.18	47.49	18.79	0.00
28	5.78	57.14	27.67	0.00

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Node Results at 8:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
29	0.15	54.11	23.08	0.00
30	0.41	62.45	29.11	0.00
31	4.56	47.58	18.88	0.00
32	0.37	54.55	26.49	0.00
33	0.00	50.69	21.25	0.00
34	2.01	48.98	21.98	0.00
35	0.82	50.61	21.91	0.00
36	1.51	49.79	21.43	0.00
37	2.89	52.12	24.52	0.00
38	0.49	47.01	20.01	0.00
41	0.66	47.01	19.93	0.00
43	0.94	47.28	20.28	0.00
44	3.28	53.35	23.49	0.00
5	0.31	55.25	20.87	0.00
8	0.00	47.17	19.79	0.00
17	0.00	46.91	20.66	0.00
19	5.81	55.21	24.81	0.00
20	5.80	53.51	23.83	0.00
45	0.71	46.90	20.10	0.00
46	0.05	46.90	18.70	0.00
47	1.39	44.60	18.55	0.00
48	0.05	46.89	19.61	0.00
49	0.20	47.01	20.16	0.00
50	0.65	46.91	19.61	0.00
51	1.21	63.50	22.62	0.00
16	0.99	74.90	25.90	0.00
42	4.11	47.01	47.01	0.00
25	-249.51	81.00	0.00	0.00 Reservoir
11	-17.55	56.40	0.00	0.00 Reservoir
18	172.83	47.00	0.00	0.00 Reservoir

Link Results at 8:00 Hrs:

Link	Flow	Velocity	Unit Headloss	Status
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ID	brusciano_ATTUALE			
	LPS	m/s	m/km	
2	90.71	1.28	4.68	Open
5	46.23	2.38	31.06	Open
11	5.55	1.10	14.59	Open
16	-0.54	0.03	0.01	Open
19	-2.10	0.12	0.11	Open
31	-5.54	1.10	14.51	Open
33	-9.97	0.56	2.29	Open
37	-146.59	4.26	65.85	Open
38	-2.80	0.56	4.09	Open
39	-3.50	0.70	7.04	Open
41	36.75	2.08	22.60	Open

□

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Link Results at 8:00 Hrs: (continued)

Link ID	Flow LPS	VelocityUnit m/s	Headloss m/km	Status
42	32.20	0.66	1.67	Open
44	-9.60	1.22	13.56	Open
45	-2.37	0.71	9.39	Open
46	4.25	0.24	0.47	Open
47	140.08	4.08	60.54	Open
48	-24.93	1.41	12.51	Open
49	-27.26	0.51	1.01	Open
51	1.51	0.46	4.10	Open
52	-9.78	1.11	12.12	Open
54	-1.31	0.07	0.05	Open
57	-1.67	0.09	0.07	Open
62	0.12	0.01	0.00	Open
65	-112.82	2.30	17.02	Open
66	144.59	2.95	26.95	Open
67	32.71	3.72	113.30	Open
68	140.88	1.99	10.57	Open
69	-37.35	1.92	20.93	Open
3	56.36	0.74	1.61	Open
4	2.89	0.58	4.36	Open
6	-3.20	0.16	0.22	Open
7	30.02	0.61	1.47	Open
8	30.02	0.61	1.47	Open
13	-30.01	1.70	15.53	Open
14	-31.24	1.77	16.72	Open
15	4.59	0.24	0.43	Open
17	-10.62	0.55	2.04	Open
18	-29.09	1.50	13.17	Open
20	-12.67	1.44	19.57	Open
24	-1.39	0.49	4.58	Open
25	0.00	0.00	0.00	Open
26	-0.70	0.14	0.31	Open
27	0.05	0.04	0.08	Open
29	-0.05	0.01	0.00	Open
1	-151.13	1.98	10.01	Open
10	148.27	2.10	11.62	Open
23	-4.77	0.95	11.00	Open
30	-0.20	0.03	0.01	Open
32	-1.15	0.15	0.40	Open
21	-17.55	1.29	12.35	Open
22	124.76	3.97	53.52	Open
28	215.39	2.24	10.95	Open
34	2.64	0.04	0.01	Open
40	151.66	2.15	12.11	Open
43	3.91	0.78	8.64	Open
50	-172.83	2.44	15.43	Open
53	124.76	3.97	53.52	Open
55	33.14	1.88	10.95	Open

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Link Results at 8:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
56	8.83	1.12	11.62	Open
9	1.01	0.13	0.24	Open
12	0.72	0.09	0.11	Open
35	-4.20	0.24	0.41	Open
36	2.74	0.03	0.00	Open

Node Results at 9:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.92	67.55	21.74	0.00
2	4.03	61.97	30.94	0.00
3	7.61	61.86	31.79	0.00
4	8.23	56.35	26.88	0.00
6	6.07	59.57	25.99	0.00
7	0.44	61.55	28.21	0.00
9	3.76	51.63	23.03	0.00
10	6.73	54.21	26.15	0.00
12	0.00	46.86	20.53	0.00
13	3.34	46.88	20.38	0.00
14	0.62	47.01	20.01	0.00
15	7.72	51.65	22.37	0.00
21	7.94	49.81	19.41	0.00
22	0.00	53.05	22.02	0.00
23	2.82	54.03	19.78	0.00
24	0.46	54.81	17.38	0.00
26	2.82	47.32	18.62	0.00
28	7.48	56.30	26.83	0.00
29	0.20	53.05	22.02	0.00
30	0.53	61.49	28.15	0.00
31	5.90	47.38	18.68	0.00
32	0.48	54.21	26.15	0.00
33	0.00	50.28	20.84	0.00
34	2.60	48.68	21.68	0.00
35	1.06	50.20	21.50	0.00
36	1.96	48.88	20.52	0.00
37	3.74	51.09	23.49	0.00
38	0.64	47.00	20.00	0.00
41	0.86	46.82	19.74	0.00
43	1.21	47.25	20.25	0.00
44	4.25	52.23	22.37	0.00
5	0.40	54.00	19.62	0.00
8	0.00	47.11	19.73	0.00
17	0.00	46.84	20.59	0.00
19	7.52	53.97	23.57	0.00
20	7.50	52.39	22.71	0.00

□

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Node Results at 9:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
45	0.92	46.65	19.85	0.00
46	0.07	46.65	18.45	0.00
47	1.80	42.93	16.88	0.00
48	0.07	46.81	19.53	0.00
49	0.26	46.86	20.01	0.00

brusciano_ATTUALE				
50	0.84	46.84	19.54	0.00
51	1.56	62.75	21.87	0.00
16	1.28	74.61	25.61	0.00
42	5.32	46.87	46.87	0.00
25	-255.81	81.00	0.00	0.00 Reservoir
11	-19.19	56.40	0.00	0.00 Reservoir
18	153.06	47.00	0.00	0.00 Reservoir

Link Results at 9:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	93.82	1.33	4.98	Open
5	45.83	2.36	30.57	Open
11	5.81	1.16	15.87	Open
16	-1.27	0.07	0.04	Open
19	-2.72	0.15	0.18	Open
31	-5.33	1.06	13.51	Open
33	-10.28	0.58	2.42	Open
37	-141.87	4.13	61.98	Open
38	-2.90	0.58	4.38	Open
39	-3.46	0.69	6.89	Open
41	32.49	1.84	17.98	Open
42	26.59	0.54	1.17	Open
44	-9.49	1.21	13.26	Open
45	-2.49	0.75	10.32	Open
46	4.43	0.25	0.51	Open
47	132.87	3.87	54.90	Open
48	-23.98	1.36	11.64	Open
49	-26.99	0.51	0.99	Open
51	1.96	0.59	6.61	Open
52	-8.48	0.96	9.31	Open
54	-4.64	0.26	0.49	Open
57	-2.17	0.12	0.12	Open
62	3.10	0.18	0.23	Open
65	-105.88	2.16	15.14	Open
66	134.54	2.74	23.59	Open
67	29.87	3.40	95.75	Open
68	141.42	2.00	10.64	Open
69	-35.10	1.80	18.65	Open
3	57.87	0.76	1.69	Open

□

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Link Results at 9:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
4	2.62	0.52	3.64	Open
6	-3.02	0.16	0.20	Open
7	23.78	0.48	0.95	Open
8	23.78	0.48	0.95	Open
13	-28.84	1.63	14.43	Open
14	-31.92	1.81	17.41	Open
15	4.44	0.23	0.41	Open
17	-10.51	0.54	2.00	Open
18	-30.23	1.55	14.14	Open
20	-12.22	1.39	18.30	Open
24	-1.80	0.64	7.38	Open
25	0.00	0.00	0.00	Open
26	-0.90	0.18	0.50	Open
27	0.07	0.05	0.13	Open
29	-0.07	0.01	0.00	Open
1	-153.30	2.01	10.27	Open
10	150.81	2.13	11.99	Open
23	-4.93	0.98	11.68	Open

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30	-0.26	0.03	0.02	Open
32	-1.49	0.19	0.65	Open
21	-19.19	1.41	14.58	Open
22	127.91	4.07	56.05	Open
28	220.60	2.29	11.44	Open
34	2.70	0.04	0.01	Open
40	148.79	2.10	11.69	Open
43	3.99	0.79	8.97	Open
50	-153.06	2.17	12.32	Open
53	127.91	4.07	56.05	Open
55	33.94	1.92	11.44	Open
56	8.98	1.14	11.99	Open
9	1.31	0.17	0.38	Open
12	0.94	0.12	0.18	Open
35	-2.49	0.14	0.15	Open
36	2.98	0.03	0.00	Open

Node Results at 10:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	1.21	66.77	20.96	0.00
2	5.27	60.75	29.72	0.00
3	9.96	60.62	30.55	0.00
4	10.77	55.26	25.79	0.00
6	7.95	58.49	24.91	0.00
7	0.58	60.29	26.95	0.00
9	4.92	50.89	22.29	0.00

□

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Node Results at 10:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
10	8.81	53.69	25.63	0.00
12	0.00	46.34	20.01	0.00
13	4.38	46.37	19.87	0.00
14	0.81	47.01	20.01	0.00
15	10.11	50.93	21.65	0.00
21	10.40	48.81	18.41	0.00
22	0.00	51.69	20.66	0.00
23	3.69	52.42	18.17	0.00
24	0.60	53.25	15.82	0.00
26	3.69	47.14	18.44	0.00
28	9.79	55.20	25.73	0.00
29	0.26	51.70	20.67	0.00
30	0.69	60.22	26.88	0.00
31	7.72	47.17	18.47	0.00
32	0.63	53.69	25.63	0.00
33	0.00	49.74	20.30	0.00
34	3.40	48.30	21.30	0.00
35	1.38	49.67	20.97	0.00
36	2.56	47.49	19.13	0.00
37	4.90	49.82	22.22	0.00
38	0.84	46.98	19.98	0.00
41	1.12	46.27	19.19	0.00
43	1.58	47.20	20.20	0.00
44	5.56	50.82	20.96	0.00
5	0.52	52.40	18.02	0.00
8	0.00	47.05	19.67	0.00
17	0.00	46.70	20.45	0.00
19	9.85	52.36	21.96	0.00
20	9.82	50.98	21.30	0.00
45	1.21	45.99	19.19	0.00
46	0.09	45.99	17.79	0.00

		brusciano_ATTUALE			
47	2.36	39.87	13.82	0.00	
48	0.09	46.65	19.37	0.00	
49	0.35	46.35	19.50	0.00	
50	1.09	46.70	19.40	0.00	
51	2.04	61.78	20.90	0.00	
16	1.67	74.23	25.23	0.00	
42	6.97	46.37	46.37	0.00	
25	-263.90	81.00	0.00	0.00	Reservoir
11	-21.53	56.40	0.00	0.00	Reservoir
18	125.79	47.00	0.00	0.00	Reservoir

□

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Link Results at 10:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	97.82	1.38	5.38	Open
5	45.21	2.32	29.80	Open
11	6.12	1.22	17.47	Open
16	-2.32	0.12	0.12	Open
19	-3.56	0.20	0.30	Open
31	-5.00	0.99	12.00	Open
33	-10.64	0.60	2.58	Open
37	-135.44	3.94	56.88	Open
38	-3.03	0.60	4.74	Open
39	-3.39	0.68	6.66	Open
41	26.32	1.49	12.18	Open
42	18.61	0.38	0.60	Open
44	-9.48	1.21	13.24	Open
45	-2.61	0.79	11.23	Open
46	4.66	0.26	0.56	Open
47	123.02	3.58	47.59	Open
48	-22.69	1.28	10.51	Open
49	-26.63	0.50	0.96	Open
51	2.56	0.77	10.88	Open
52	-6.60	0.75	5.84	Open
54	-9.01	0.51	1.67	Open
57	-2.83	0.16	0.20	Open
62	7.00	0.40	1.05	Open
65	-96.38	1.96	12.72	Open
66	120.69	2.46	19.29	Open
67	25.89	2.94	73.48	Open
68	141.96	2.01	10.72	Open
69	-31.72	1.63	15.46	Open
3	59.83	0.78	1.80	Open
4	2.23	0.44	2.70	Open
6	-2.75	0.14	0.17	Open
7	14.92	0.30	0.40	Open
8	14.92	0.30	0.40	Open
13	-27.07	1.53	12.83	Open
14	-32.72	1.85	18.22	Open
15	4.20	0.22	0.37	Open
17	-10.21	0.52	1.89	Open
18	-31.52	1.62	15.29	Open
20	-11.49	1.31	16.33	Open
24	-2.36	0.84	12.15	Open
25	0.00	0.00	0.00	Open
26	-1.18	0.23	0.83	Open
27	0.09	0.07	0.22	Open
29	-0.09	0.02	0.01	Open
1	-156.03	2.05	10.61	Open
10	154.02	2.18	12.47	Open
23	-5.12	1.02	12.55	Open

□

Link Results at 10:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
30	-0.35	0.04	0.03	Open
32	-1.95	0.25	1.07	Open
21	-21.53	1.58	18.05	Open
22	131.95	4.20	59.37	Open
28	227.26	2.36	12.09	Open
34	2.77	0.04	0.01	Open
40	144.87	2.05	11.13	Open
43	4.09	0.81	9.39	Open
50	-125.79	1.78	8.57	Open
53	131.95	4.20	59.37	Open
55	34.96	1.98	12.09	Open
56	9.18	1.17	12.47	Open
9	1.71	0.22	0.63	Open
12	1.22	0.16	0.30	Open
35	-0.32	0.02	0.00	Open
36	3.24	0.03	0.00	Open

Node Results at 11:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	1.01	67.32	21.51	0.00
2	4.39	61.61	30.58	0.00
3	8.30	61.49	31.42	0.00
4	8.98	56.02	26.55	0.00
6	6.62	59.25	25.67	0.00
7	0.48	61.18	27.84	0.00
9	4.10	51.41	22.81	0.00
10	7.34	54.07	26.01	0.00
12	0.00	46.74	20.41	0.00
13	3.65	46.76	20.26	0.00
14	0.67	47.01	20.01	0.00
15	8.42	51.43	22.15	0.00
21	8.66	49.50	19.10	0.00
22	0.00	52.64	21.61	0.00
23	3.07	53.55	19.30	0.00
24	0.50	54.34	16.91	0.00
26	3.07	47.26	18.56	0.00
28	8.16	55.97	26.50	0.00
29	0.22	52.64	21.61	0.00
30	0.58	61.11	27.77	0.00
31	6.43	47.31	18.61	0.00
32	0.53	54.07	26.01	0.00
33	0.00	50.12	20.68	0.00
34	2.83	48.57	21.57	0.00
35	1.15	50.04	21.34	0.00

□

Node Results at 11:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
36	2.14	48.49	20.13	0.00
37	4.08	50.70	23.10	0.00
38	0.70	47.00	20.00	0.00
41	0.94	46.69	19.61	0.00
43	1.32	47.23	20.23	0.00
44	4.63	51.81	21.95	0.00
5	0.43	53.51	19.13	0.00

		brusciano_ATTUALE			
8	0.00	47.09	19.71	0.00	
17	0.00	46.80	20.55	0.00	
19	8.21	53.48	23.08	0.00	
20	8.18	51.96	22.28	0.00	
45	1.01	46.49	19.69	0.00	
46	0.07	46.49	18.29	0.00	
47	1.97	42.12	16.07	0.00	
48	0.07	46.76	19.48	0.00	
49	0.29	46.74	19.89	0.00	
50	0.91	46.80	19.50	0.00	
51	1.70	62.46	21.58	0.00	
16	1.39	74.50	25.50	0.00	
42	5.81	46.76	46.76	0.00	
25	-258.25	81.00	0.00	0.00	Reservoir
11	-19.87	56.40	0.00	0.00	Reservoir
18	145.09	47.00	0.00	0.00	Reservoir

Link Results at 11:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	95.02	1.34	5.10	Open
5	45.66	2.35	30.35	Open
11	5.91	1.18	16.36	Open
16	-1.57	0.08	0.06	Open
19	-2.96	0.17	0.21	Open
31	-5.24	1.04	13.08	Open
33	-10.39	0.59	2.47	Open
37	-139.98	4.07	60.46	Open
38	-2.94	0.59	4.49	Open
39	-3.44	0.68	6.83	Open
41	30.72	1.74	16.21	Open
42	24.29	0.49	0.99	Open
44	-9.47	1.21	13.21	Open
45	-2.53	0.76	10.63	Open
46	4.50	0.25	0.52	Open
47	129.98	3.78	52.70	Open
48	-23.60	1.34	11.30	Open
49	-26.89	0.50	0.98	Open

□

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Link Results at 11:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
51	2.14	0.64	7.76	Open
52	-7.94	0.90	8.24	Open
54	-5.94	0.34	0.77	Open
57	-2.36	0.13	0.14	Open
62	4.26	0.24	0.42	Open
65	-103.09	2.10	14.41	Open
66	130.48	2.66	22.29	Open
67	28.71	3.27	89.00	Open
68	141.60	2.00	10.67	Open
69	-34.15	1.75	17.72	Open
3	58.46	0.77	1.72	Open
4	2.51	0.50	3.36	Open
6	-2.94	0.15	0.19	Open
7	21.22	0.43	0.77	Open
8	21.22	0.43	0.77	Open
13	-28.34	1.60	13.97	Open
14	-32.18	1.82	17.67	Open
15	4.38	0.22	0.39	Open
17	-10.44	0.54	1.97	Open
18	-30.64	1.57	14.50	Open

		brusciano_ATTUALE		
20	-12.02	1.37	17.75	Open
24	-1.97	0.70	8.67	Open
25	0.00	0.00	0.00	Open
26	-0.98	0.20	0.59	Open
27	0.07	0.06	0.16	Open
29	-0.07	0.01	0.01	Open
1	-154.13	2.02	10.38	Open
10	151.78	2.15	12.13	Open
23	-4.99	0.99	11.95	Open
30	-0.29	0.04	0.02	Open
32	-1.62	0.21	0.76	Open
21	-19.87	1.46	15.55	Open
22	129.12	4.11	57.04	Open
28	222.61	2.31	11.64	Open
34	2.72	0.04	0.01	Open
40	147.64	2.09	11.53	Open
43	4.02	0.80	9.09	Open
50	-145.09	2.05	11.16	Open
53	129.12	4.11	57.04	Open
55	34.25	1.94	11.64	Open
56	9.04	1.15	12.13	Open
9	1.43	0.18	0.45	Open
12	1.02	0.13	0.21	Open
35	-1.84	0.10	0.09	Open
36	3.06	0.03	0.00	Open

□

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Node Results at 12:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.84	67.79	21.98	0.00
2	3.66	62.34	31.31	0.00
3	6.92	62.23	32.16	0.00
4	7.48	56.69	27.22	0.00
6	5.52	59.90	26.32	0.00
7	0.40	61.94	28.60	0.00
9	3.42	51.86	23.26	0.00
10	6.12	54.35	26.29	0.00
12	0.00	46.96	20.63	0.00
13	3.04	46.97	20.47	0.00
14	0.56	47.01	20.01	0.00
15	7.02	51.87	22.59	0.00
21	7.22	50.13	19.73	0.00
22	0.00	53.47	22.44	0.00
23	2.56	54.53	20.28	0.00
24	0.42	55.29	17.86	0.00
26	2.56	47.39	18.69	0.00
28	6.80	56.63	27.16	0.00
29	0.18	53.47	22.44	0.00
30	0.48	61.87	28.53	0.00
31	5.36	47.46	18.76	0.00
32	0.44	54.35	26.29	0.00
33	0.00	50.44	21.00	0.00
34	2.36	48.80	21.80	0.00
35	0.96	50.36	21.66	0.00
36	1.78	49.25	20.89	0.00
37	3.40	51.50	23.90	0.00
38	0.58	47.01	20.01	0.00
41	0.78	46.92	19.84	0.00
43	1.10	47.26	20.26	0.00
44	3.86	52.67	22.81	0.00
5	0.36	54.49	20.11	0.00
8	0.00	47.14	19.76	0.00
17	0.00	46.87	20.62	0.00

brusciano_ATTUALE				
19	6.84	54.46	24.06	0.00
20	6.82	52.84	23.16	0.00
45	0.84	46.78	19.98	0.00
46	0.06	46.78	18.58	0.00
47	1.64	43.66	17.61	0.00
48	0.06	46.84	19.56	0.00
49	0.24	46.94	20.09	0.00
50	0.76	46.87	19.57	0.00
51	1.42	63.05	22.17	0.00
16	1.16	74.73	25.73	0.00
42	4.84	46.95	46.95	0.00
25	-253.33	81.00	0.00	0.00 Reservoir
11	-18.52	56.40	0.00	0.00 Reservoir

□

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Node Results at 12:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	160.99	47.00	0.00	0.00 Reservoir

Link Results at 12:00 Hrs:

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
2	92.59	1.31	4.86	Open
5	46.00	2.36	30.77	Open
11	5.71	1.14	15.36	Open
16	-0.97	0.05	0.02	Open
19	-2.47	0.14	0.15	Open
31	-5.42	1.08	13.92	Open
33	-10.16	0.57	2.37	Open
37	-143.76	4.18	63.51	Open
38	-2.86	0.57	4.27	Open
39	-3.47	0.69	6.95	Open
41	34.22	1.94	19.80	Open
42	28.86	0.59	1.36	Open
44	-9.52	1.21	13.34	Open
45	-2.45	0.74	9.98	Open
46	4.35	0.25	0.49	Open
47	135.76	3.95	57.13	Open
48	-24.36	1.38	11.99	Open
49	-27.10	0.51	0.99	Open
51	1.78	0.54	5.54	Open
52	-9.01	1.02	10.41	Open
54	-3.32	0.19	0.26	Open
57	-1.97	0.11	0.10	Open
62	1.92	0.11	0.10	Open
65	-108.66	2.21	15.88	Open
66	138.57	2.82	24.91	Open
67	31.01	3.53	102.66	Open
68	141.22	2.00	10.62	Open
69	-36.02	1.85	19.57	Open
3	57.27	0.75	1.66	Open
4	2.73	0.54	3.93	Open
6	-3.09	0.16	0.21	Open
7	26.30	0.54	1.15	Open
8	26.30	0.54	1.15	Open
13	-29.32	1.66	14.87	Open
14	-31.66	1.79	17.14	Open
15	4.50	0.23	0.42	Open
17	-10.56	0.54	2.02	Open
18	-29.79	1.53	13.77	Open
20	-12.41	1.41	18.83	Open
24	-1.64	0.58	6.19	Open

□

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Link Results at 12:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.82	0.16	0.42	Open
27	0.06	0.05	0.11	Open
29	-0.06	0.01	0.00	Open
1	-152.45	2.00	10.17	Open
10	149.81	2.12	11.84	Open
23	-4.87	0.97	11.41	Open
30	-0.24	0.03	0.02	Open
32	-1.35	0.17	0.54	Open
21	-18.52	1.36	13.66	Open
22	126.66	4.03	55.04	Open
28	218.54	2.27	11.25	Open
34	2.68	0.04	0.01	Open
40	149.94	2.12	11.86	Open
43	3.95	0.79	8.84	Open
50	-160.99	2.28	13.53	Open
53	126.66	4.03	55.04	Open
55	33.62	1.90	11.25	Open
56	8.93	1.14	11.84	Open
9	1.19	0.15	0.32	Open
12	0.85	0.11	0.15	Open
35	-3.16	0.18	0.24	Open
36	2.89	0.03	0.00	Open

Node Results at 13:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.71	68.14	22.33	0.00
2	3.11	62.91	31.88	0.00
3	5.88	62.79	32.72	0.00
4	6.36	57.20	27.73	0.00
6	4.69	60.39	26.81	0.00
7	0.34	62.51	29.17	0.00
9	2.91	52.20	23.60	0.00
10	5.20	54.55	26.49	0.00
12	0.00	47.04	20.71	0.00
13	2.58	47.05	20.55	0.00
14	0.48	47.02	20.02	0.00
15	5.97	52.20	22.92	0.00
21	6.14	50.63	20.23	0.00
22	0.00	54.11	23.08	0.00
23	2.18	55.28	21.03	0.00
24	0.36	56.02	18.59	0.00
26	2.18	47.49	18.79	0.00
28	5.78	57.14	27.67	0.00

□

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Node Results at 13:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
29	0.15	54.11	23.08	0.00
30	0.41	62.45	29.11	0.00
31	4.56	47.58	18.88	0.00
32	0.37	54.55	26.49	0.00
33	0.00	50.69	21.25	0.00

brusciano_ATTUALE				
34	2.01	48.98	21.98	0.00
35	0.82	50.61	21.91	0.00
36	1.51	49.79	21.43	0.00
37	2.89	52.12	24.52	0.00
38	0.49	47.01	20.01	0.00
41	0.66	47.01	19.93	0.00
43	0.94	47.28	20.28	0.00
44	3.28	53.35	23.49	0.00
5	0.31	55.25	20.87	0.00
8	0.00	47.17	19.79	0.00
17	0.00	46.91	20.66	0.00
19	5.81	55.21	24.81	0.00
20	5.80	53.51	23.83	0.00
45	0.71	46.90	20.10	0.00
46	0.05	46.90	18.70	0.00
47	1.39	44.60	18.55	0.00
48	0.05	46.89	19.61	0.00
49	0.20	47.01	20.16	0.00
50	0.65	46.91	19.61	0.00
51	1.21	63.50	22.62	0.00
16	0.99	74.90	25.90	0.00
42	4.11	47.01	47.01	0.00
25	-249.51	81.00	0.00	0.00 Reservoir
11	-17.55	56.40	0.00	0.00 Reservoir
18	172.83	47.00	0.00	0.00 Reservoir

Link Results at 13:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	90.71	1.28	4.68	Open
5	46.23	2.38	31.06	Open
11	5.55	1.10	14.59	Open
16	-0.54	0.03	0.01	Open
19	-2.10	0.12	0.11	Open
31	-5.54	1.10	14.51	Open
33	-9.97	0.56	2.29	Open
37	-146.59	4.26	65.85	Open
38	-2.80	0.56	4.09	Open
39	-3.50	0.70	7.04	Open
41	36.75	2.08	22.60	Open

□

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Link Results at 13:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
42	32.20	0.66	1.67	Open
44	-9.60	1.22	13.56	Open
45	-2.37	0.71	9.39	Open
46	4.25	0.24	0.47	Open
47	140.08	4.08	60.54	Open
48	-24.93	1.41	12.51	Open
49	-27.26	0.51	1.01	Open
51	1.51	0.46	4.10	Open
52	-9.78	1.11	12.12	Open
54	-1.31	0.07	0.05	Open
57	-1.67	0.09	0.07	Open
62	0.12	0.01	0.00	Open
65	-112.82	2.30	17.02	Open
66	144.59	2.95	26.95	Open
67	32.71	3.72	113.30	Open
68	140.88	1.99	10.57	Open
69	-37.35	1.92	20.93	Open
3	56.36	0.74	1.61	Open

brusciano_ATTUALE				
4	2.89	0.58	4.36	Open
6	-3.20	0.16	0.22	Open
7	30.02	0.61	1.47	Open
8	30.02	0.61	1.47	Open
13	-30.01	1.70	15.53	Open
14	-31.24	1.77	16.72	Open
15	4.59	0.24	0.43	Open
17	-10.62	0.55	2.04	Open
18	-29.09	1.50	13.17	Open
20	-12.67	1.44	19.57	Open
24	-1.39	0.49	4.58	Open
25	0.00	0.00	0.00	Open
26	-0.70	0.14	0.31	Open
27	0.05	0.04	0.08	Open
29	-0.05	0.01	0.00	Open
1	-151.13	1.98	10.01	Open
10	148.27	2.10	11.62	Open
23	-4.77	0.95	11.00	Open
30	-0.20	0.03	0.01	Open
32	-1.15	0.15	0.40	Open
21	-17.55	1.29	12.35	Open
22	124.76	3.97	53.52	Open
28	215.39	2.24	10.95	Open
34	2.64	0.04	0.01	Open
40	151.66	2.15	12.12	Open
43	3.91	0.78	8.64	Open
50	-172.83	2.44	15.43	Open
53	124.76	3.97	53.52	Open
55	33.14	1.88	10.95	Open

□

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Link Results at 13:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
56	8.83	1.12	11.62	Open
9	1.01	0.13	0.24	Open
12	0.72	0.09	0.11	Open
35	-4.20	0.24	0.41	Open
36	2.74	0.03	0.00	Open

Node Results at 14:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.63	68.39	22.58	0.00
2	2.75	63.28	32.25	0.00
3	5.19	63.17	33.10	0.00
4	5.61	57.55	28.08	0.00
6	4.14	60.73	27.15	0.00
7	0.30	62.90	29.56	0.00
9	2.56	52.43	23.83	0.00
10	4.59	54.67	26.61	0.00
12	0.00	47.07	20.74	0.00
13	2.28	47.08	20.58	0.00
14	0.42	47.02	20.02	0.00
15	5.26	52.43	23.15	0.00
21	5.41	50.98	20.58	0.00
22	0.00	54.55	23.52	0.00
23	1.92	55.80	21.55	0.00
24	0.31	56.51	19.08	0.00
26	1.92	47.57	18.87	0.00
28	5.10	57.49	28.02	0.00
29	0.14	54.55	23.52	0.00
30	0.36	62.84	29.50	0.00

		brusciano_ATTUALE			
31	4.02	47.67	18.97	0.00	
32	0.33	54.67	26.61	0.00	
33	0.00	50.86	21.42	0.00	
34	1.77	49.11	22.11	0.00	
35	0.72	50.78	22.08	0.00	
36	1.34	50.13	21.77	0.00	
37	2.55	52.55	24.95	0.00	
38	0.44	47.02	20.02	0.00	
41	0.58	47.05	19.97	0.00	
43	0.83	47.30	20.30	0.00	
44	2.89	53.81	23.95	0.00	
5	0.27	55.76	21.38	0.00	
8	0.00	47.20	19.82	0.00	
17	0.00	46.94	20.69	0.00	
19	5.13	55.73	25.33	0.00	
20	5.12	53.98	24.30	0.00	

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Node Results at 14:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
45	0.63	46.97	20.17	0.00	
46	0.05	46.97	18.77	0.00	
47	1.23	45.14	19.09	0.00	
48	0.05	46.92	19.64	0.00	
49	0.18	47.03	20.18	0.00	
50	0.57	46.94	19.64	0.00	
51	1.06	63.80	22.92	0.00	
16	0.87	75.02	26.02	0.00	
42	3.63	47.04	47.04	0.00	
25	-246.91	81.00	0.00	0.00	Reservoir
11	-16.89	56.40	0.00	0.00	Reservoir
18	180.66	47.00	0.00	0.00	Reservoir

Link Results at 14:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Headloss m/km	Status
2	89.42	1.27	4.55	Open
5	46.37	2.38	31.24	Open
11	5.44	1.08	14.06	Open
16	-0.26	0.01	0.00	Open
19	-1.85	0.10	0.09	Open
31	-5.62	1.12	14.89	Open
33	-9.83	0.56	2.23	Open
37	-148.46	4.32	67.42	Open
38	-2.75	0.55	3.97	Open
39	-3.51	0.70	7.10	Open
41	38.41	2.17	24.52	Open
42	34.39	0.70	1.89	Open
44	-9.67	1.23	13.73	Open
45	-2.31	0.70	8.97	Open
46	4.17	0.24	0.46	Open
47	142.94	4.16	62.85	Open
48	-25.31	1.43	12.87	Open
49	-27.36	0.51	1.01	Open
51	1.34	0.40	3.25	Open
52	-10.29	1.17	13.30	Open
54	0.04	0.00	0.00	Open
57	-1.48	0.08	0.06	Open
62	-1.09	0.06	0.03	Open
65	-115.58	2.35	17.80	Open
66	148.58	3.03	28.35	Open
67	33.82	3.85	120.58	Open

brusciano_ATTUALE				
68	140.64	1.99	10.53	Open
69	-38.21	1.96	21.82	Open
3	55.74	0.73	1.58	Open

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Link Results at 14:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
4	3.00	0.60	4.66	Open
6	-3.27	0.17	0.23	Open
7	32.47	0.66	1.70	Open
8	32.47	0.66	1.70	Open
13	-30.45	1.72	15.95	Open
14	-30.94	1.75	16.43	Open
15	4.64	0.24	0.44	Open
17	-10.65	0.55	2.05	Open
18	-28.60	1.47	12.76	Open
20	-12.84	1.46	20.04	Open
24	-1.23	0.44	3.63	Open
25	0.00	0.00	0.00	Open
26	-0.62	0.12	0.25	Open
27	0.05	0.04	0.06	Open
29	-0.05	0.01	0.00	Open
1	-150.22	1.97	9.89	Open
10	147.22	2.08	11.47	Open
23	-4.70	0.94	10.71	Open
30	-0.18	0.02	0.01	Open
32	-1.01	0.13	0.32	Open
21	-16.89	1.24	11.52	Open
22	123.46	3.93	52.49	Open
28	213.24	2.22	10.75	Open
34	2.62	0.04	0.01	Open
40	152.80	2.16	12.28	Open
43	3.87	0.77	8.51	Open
50	-180.66	2.56	16.75	Open
53	123.46	3.93	52.49	Open
55	32.80	1.86	10.75	Open
56	8.77	1.12	11.47	Open
9	0.89	0.11	0.19	Open
12	0.64	0.08	0.09	Open
35	-4.90	0.28	0.54	Open
36	2.64	0.03	0.00	Open

Node Results at 15:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.55	68.63	22.82	0.00
2	2.38	63.66	32.63	0.00
3	4.50	63.56	33.49	0.00
4	4.86	57.90	28.43	0.00
6	3.59	61.07	27.49	0.00
7	0.26	63.29	29.95	0.00
9	2.22	52.66	24.06	0.00

□

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Node Results at 15:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
10	3.98	54.80	26.74	0.00
12	0.00	47.14	20.81	0.00

		brusciano_ATTUALE			
13	1.98	47.15	20.65	0.00	
14	0.36	47.02	20.02	0.00	
15	4.56	52.66	23.38	0.00	
21	4.69	51.33	20.93	0.00	
22	0.00	54.99	23.96	0.00	
23	1.66	56.32	22.07	0.00	
24	0.27	57.02	19.59	0.00	
26	1.66	47.65	18.95	0.00	
28	4.42	57.84	28.37	0.00	
29	0.12	54.99	23.96	0.00	
30	0.31	63.24	29.90	0.00	
31	3.48	47.76	19.06	0.00	
32	0.29	54.80	26.74	0.00	
33	0.00	51.03	21.59	0.00	
34	1.53	49.24	22.24	0.00	
35	0.62	50.96	22.26	0.00	
36	1.16	50.46	22.10	0.00	
37	2.21	52.99	25.39	0.00	
38	0.38	47.02	20.02	0.00	
41	0.51	47.13	20.05	0.00	
43	0.71	47.32	20.32	0.00	
44	2.51	54.28	24.42	0.00	
5	0.23	56.28	21.90	0.00	
8	0.00	47.23	19.85	0.00	
17	0.00	46.96	20.71	0.00	
19	4.45	56.25	25.85	0.00	
20	4.43	54.45	24.77	0.00	
45	0.55	47.06	20.26	0.00	
46	0.04	47.06	18.86	0.00	
47	1.07	45.66	19.61	0.00	
48	0.04	46.94	19.66	0.00	
49	0.16	47.09	20.24	0.00	
50	0.49	46.96	19.66	0.00	
51	0.92	64.10	23.22	0.00	
16	0.75	75.13	26.13	0.00	
42	3.15	47.09	47.09	0.00	
25	-244.27	81.00	0.00	0.00	Reservoir
11	-16.22	56.40	0.00	0.00	Reservoir
18	188.42	47.00	0.00	0.00	Reservoir

□

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Link Results at 15:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit	Headloss m/km	Status
2	88.12	1.25		4.43	Open
5	46.51	2.39		31.41	Open
11	5.33	1.06		13.52	Open
16	0.03	0.00		0.00	Open
19	-1.61	0.09		0.07	Open
31	-5.69	1.13		15.25	Open
33	-9.69	0.55		2.17	Open
37	-150.34	4.37		69.00	Open
38	-2.71	0.54		3.85	Open
39	-3.53	0.70		7.16	Open
41	40.03	2.27		26.47	Open
42	36.55	0.74		2.11	Open
44	-9.70	1.24		13.83	Open
45	-2.25	0.68		8.54	Open
46	4.10	0.23		0.44	Open
47	145.80	4.24		65.20	Open
48	-25.69	1.45		13.23	Open
49	-27.47	0.52		1.02	Open
51	1.16	0.35		2.49	Open
52	-10.78	1.23		14.50	Open

brusciano_ATTUALE

54	1.36	0.08	0.05	Open
57	-1.28	0.07	0.05	Open
62	-2.27	0.13	0.13	Open
65	-118.33	2.41	18.60	Open
66	152.55	3.11	29.77	Open
67	34.93	3.97	128.00	Open
68	140.37	1.99	10.50	Open
69	-39.03	2.01	22.71	Open
3	55.11	0.72	1.54	Open
4	3.10	0.62	4.96	Open
6	-3.33	0.17	0.24	Open
7	34.88	0.71	1.94	Open
8	34.88	0.71	1.94	Open
13	-30.88	1.75	16.37	Open
14	-30.63	1.73	16.13	Open
15	4.69	0.24	0.45	Open
17	-10.66	0.55	2.05	Open
18	-28.09	1.44	12.34	Open
20	-12.99	1.48	20.49	Open
24	-1.07	0.38	2.79	Open
25	0.00	0.00	0.00	Open
26	-0.53	0.11	0.19	Open
27	0.04	0.03	0.05	Open
29	-0.04	0.01	0.00	Open
1	-149.29	1.96	9.78	Open
10	146.14	2.07	11.31	Open
23	-4.63	0.92	10.42	Open

□

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Link Results at 15:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
30	-0.16	0.02	0.01	Open
32	-0.88	0.11	0.24	Open
21	-16.22	1.19	10.67	Open
22	122.13	3.89	51.45	Open
28	211.04	2.19	10.54	Open
34	2.59	0.04	0.01	Open
40	153.93	2.18	12.45	Open
43	3.84	0.76	8.37	Open
50	-188.42	2.67	18.11	Open
53	122.13	3.89	51.45	Open
55	32.47	1.84	10.54	Open
56	8.71	1.11	11.31	Open
9	0.77	0.10	0.14	Open
12	0.55	0.07	0.07	Open
35	-5.57	0.32	0.69	Open
36	2.53	0.03	0.00	Open

Node Results at 16:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.65	68.32	22.51	0.00
2	2.84	63.19	32.16	0.00
3	5.36	63.08	33.01	0.00
4	5.80	57.46	27.99	0.00
6	4.28	60.65	27.07	0.00
7	0.31	62.81	29.47	0.00
9	2.65	52.37	23.77	0.00
10	4.74	54.64	26.58	0.00
12	0.00	47.06	20.73	0.00
13	2.36	47.07	20.57	0.00
14	0.43	47.02	20.02	0.00

brusciano_ATTUALE

15	5.44	52.37	23.09	0.00
21	5.60	50.89	20.49	0.00
22	0.00	54.44	23.41	0.00
23	1.98	55.67	21.42	0.00
24	0.33	56.39	18.96	0.00
26	1.98	47.55	18.85	0.00
28	5.27	57.40	27.93	0.00
29	0.14	54.44	23.41	0.00
30	0.37	62.75	29.41	0.00
31	4.15	47.64	18.94	0.00
32	0.34	54.64	26.58	0.00
33	0.00	50.82	21.38	0.00
34	1.83	49.08	22.08	0.00
35	0.74	50.74	22.04	0.00

□

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Node Results at 16:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
36	1.38	50.05	21.69	0.00
37	2.63	52.44	24.84	0.00
38	0.45	47.02	20.02	0.00
41	0.60	47.04	19.96	0.00
43	0.85	47.30	20.30	0.00
44	2.99	53.70	23.84	0.00
5	0.28	55.63	21.25	0.00
8	0.00	47.19	19.81	0.00
17	0.00	46.93	20.68	0.00
19	5.30	55.60	25.20	0.00
20	5.29	53.86	24.18	0.00
45	0.65	46.95	20.15	0.00
46	0.05	46.95	18.75	0.00
47	1.27	45.00	18.95	0.00
48	0.05	46.91	19.63	0.00
49	0.19	47.02	20.17	0.00
50	0.59	46.93	19.63	0.00
51	1.10	63.72	22.84	0.00
16	0.90	74.99	25.99	0.00
42	3.75	47.03	47.03	0.00
25	-247.57	81.00	0.00	0.00 Reservoir
11	-17.06	56.40	0.00	0.00 Reservoir
18	178.71	47.00	0.00	0.00 Reservoir

Link Results at 16:00 Hrs:

Link ID	Flow LPS	velocityUnit m/s	Headloss m/km	Status
2	89.75	1.27	4.58	Open
5	46.34	2.38	31.20	Open
11	5.47	1.09	14.19	Open
16	-0.33	0.02	0.00	Open
19	-1.91	0.11	0.09	Open
31	-5.60	1.11	14.79	Open
33	-9.87	0.56	2.25	Open
37	-148.00	4.31	67.03	Open
38	-2.76	0.55	4.00	Open
39	-3.51	0.70	7.09	Open
41	38.00	2.15	24.04	Open
42	33.84	0.69	1.83	Open
44	-9.65	1.23	13.69	Open
45	-2.32	0.70	9.07	Open
46	4.19	0.24	0.46	Open
47	142.23	4.14	62.27	Open
48	-25.21	1.43	12.78	Open

brusciano_ATTUALE				
7	0.20	63.89	30.55	0.00
9	1.71	53.02	24.42	0.00
10	3.06	54.99	26.93	0.00
12	0.00	47.31	20.98	0.00
13	1.52	47.32	20.82	0.00
14	0.28	47.02	20.02	0.00
15	3.51	53.02	23.74	0.00
21	3.61	51.88	21.48	0.00
22	0.00	55.66	24.63	0.00
23	1.28	57.11	22.86	0.00
24	0.21	57.78	20.35	0.00
26	1.28	47.78	19.08	0.00
28	3.40	58.38	28.91	0.00
29	0.09	55.66	24.63	0.00
30	0.24	63.83	30.49	0.00
31	2.68	47.90	19.20	0.00
32	0.22	54.99	26.93	0.00
33	0.00	51.30	21.86	0.00
34	1.18	49.43	22.43	0.00
35	0.48	51.22	22.52	0.00
36	0.89	50.91	22.55	0.00
37	1.70	53.67	26.07	0.00
38	0.29	47.03	20.03	0.00
41	0.39	47.30	20.22	0.00
43	0.55	47.34	20.34	0.00
44	1.93	55.00	25.14	0.00
5	0.18	57.07	22.69	0.00
8	0.00	47.27	19.89	0.00
17	0.00	46.99	20.74	0.00
19	3.42	57.04	26.64	0.00
20	3.41	55.16	25.48	0.00
45	0.42	47.26	20.46	0.00
46	0.03	47.26	19.06	0.00
47	0.82	46.40	20.35	0.00
48	0.03	46.98	19.70	0.00
49	0.12	47.24	20.39	0.00
50	0.38	46.99	19.69	0.00
51	0.71	64.57	23.69	0.00
16	0.58	75.31	26.31	0.00
42	2.42	47.24	47.24	0.00
25	-240.21	81.00	0.00	0.00 Reservoir
11	-15.15	56.40	0.00	0.00 Reservoir

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Node Results at 17:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	199.93	47.00	0.00	0.00 Reservoir

Link Results at 17:00 Hrs:

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
2	86.13	1.22	4.25	Open
5	46.70	2.40	31.65	Open
11	5.15	1.03	12.70	Open
16	0.44	0.02	0.01	Open
19	-1.23	0.07	0.04	Open
31	-5.79	1.15	15.77	Open
33	-9.47	0.54	2.08	Open
37	-153.13	4.46	71.40	Open
38	-2.63	0.52	3.66	Open
39	-3.55	0.71	7.23	Open
41	42.41	2.40	29.46	Open

		brusciano_ATTUALE		
42	39.73	0.81	2.46	Open
44	-9.72	1.24	13.87	Open
45	-2.15	0.65	7.86	Open
46	3.99	0.23	0.42	Open
47	150.06	4.37	68.77	Open
48	-26.26	1.49	13.77	Open
49	-27.63	0.52	1.03	Open
51	0.89	0.27	1.53	Open
52	-11.50	1.31	16.35	Open
54	3.30	0.19	0.26	Open
57	-0.98	0.06	0.03	Open
62	-4.00	0.23	0.37	Open
65	-122.44	2.49	19.81	Open
66	158.46	3.23	31.94	Open
67	36.58	4.16	139.37	Open
68	139.93	1.98	10.44	Open
69	-40.23	2.07	24.01	Open
3	54.15	0.71	1.50	Open
4	3.25	0.65	5.41	Open
6	-3.43	0.18	0.25	Open
7	38.45	0.78	2.32	Open
8	38.45	0.78	2.32	Open
13	-31.49	1.78	16.97	Open
14	-30.15	1.71	15.66	Open
15	4.76	0.24	0.46	Open
17	-10.67	0.55	2.06	Open
18	-27.28	1.40	11.69	Open
20	-13.20	1.50	21.11	Open
24	-0.82	0.29	1.71	Open

□

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Link Results at 17:00 Hrs: (continued)

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.41	0.08	0.12	Open
27	0.03	0.02	0.03	Open
29	-0.03	0.01	0.00	Open
1	-147.85	1.94	9.61	Open
10	144.48	2.04	11.07	Open
23	-4.53	0.90	9.98	Open
30	-0.12	0.02	0.00	Open
32	-0.68	0.09	0.15	Open
21	-15.15	1.11	9.41	Open
22	120.11	3.82	49.88	Open
28	207.68	2.16	10.23	Open
34	2.54	0.04	0.01	Open
40	155.62	2.20	12.71	Open
43	3.79	0.75	8.17	Open
50	-199.93	2.83	20.21	Open
53	120.11	3.82	49.88	Open
55	31.95	1.81	10.23	Open
56	8.61	1.10	11.07	Open
9	0.59	0.08	0.09	Open
12	0.43	0.05	0.04	Open
35	-6.54	0.37	0.92	Open
36	2.37	0.02	0.00	Open

Node Results at 18:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.19	69.69	23.88	0.00
2	0.82	65.31	34.28	0.00

brusciano_ATTUALE

3	1.56	65.21	35.14	0.00
4	1.68	59.45	29.98	0.00
6	1.24	62.56	28.98	0.00
7	0.09	64.98	31.64	0.00
9	0.77	53.71	25.11	0.00
10	1.38	55.33	27.27	0.00
12	0.00	47.77	21.44	0.00
13	0.68	47.77	21.27	0.00
14	0.13	47.02	20.02	0.00
15	1.58	53.69	24.41	0.00
21	1.62	52.93	22.53	0.00
22	0.00	56.93	25.90	0.00
23	0.58	58.60	24.34	0.00
24	0.09	59.21	21.78	0.00
26	0.58	48.03	19.33	0.00
28	1.53	59.38	29.91	0.00

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Node Results at 18:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
29	0.04	56.93	25.90	0.00	
30	0.11	64.93	31.59	0.00	
31	1.21	48.19	19.49	0.00	
32	0.10	55.33	27.27	0.00	
33	0.00	51.80	22.36	0.00	
34	0.53	49.80	22.80	0.00	
35	0.22	51.72	23.02	0.00	
36	0.40	51.65	23.29	0.00	
37	0.77	54.94	27.34	0.00	
38	0.13	47.04	20.04	0.00	
41	0.18	47.77	20.69	0.00	
43	0.25	47.38	20.38	0.00	
44	0.87	56.35	26.49	0.00	
5	0.08	58.55	24.17	0.00	
8	0.00	47.35	19.97	0.00	
17	0.00	47.04	20.79	0.00	
19	1.54	58.52	28.12	0.00	
20	1.53	56.52	26.84	0.00	
45	0.19	47.76	20.96	0.00	
46	0.01	47.76	19.56	0.00	
47	0.37	47.57	21.52	0.00	
48	0.01	47.03	19.75	0.00	
49	0.05	47.66	20.81	0.00	
50	0.17	47.04	19.74	0.00	
51	0.32	65.44	24.56	0.00	
16	0.26	75.65	26.65	0.00	
42	1.09	47.66	47.66	0.00	
25	-232.53	81.00	0.00	0.00	Reservoir
11	-13.06	56.40	0.00	0.00	Reservoir
18	220.64	47.00	0.00	0.00	Reservoir

Link Results at 18:00 Hrs:

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
2	82.36	1.17	3.91	Open
5	46.99	2.42	32.02	Open
11	4.81	0.96	11.18	Open
16	1.17	0.06	0.03	Open
19	-0.56	0.03	0.01	Open
31	-5.97	1.19	16.65	Open
33	-9.04	0.51	1.91	Open
37	-158.20	4.60	75.84	Open

		brusciano_ATTUALE		
38	-2.50	0.50	3.31	Open
39	-3.58	0.71	7.36	Open
41	46.62	2.64	35.11	Open

□

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Link Results at 18:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
42	45.42	0.93	3.16	Open
44	-9.64	1.23	13.66	Open
45	-1.94	0.58	6.49	Open
46	3.78	0.21	0.38	Open
47	157.79	4.59	75.48	Open
48	-27.29	1.54	14.80	Open
49	-27.91	0.52	1.05	Open
51	0.40	0.12	0.35	Open
52	-12.77	1.45	19.87	Open
54	6.75	0.38	0.98	Open
57	-0.44	0.03	0.01	Open
62	-7.07	0.40	1.07	Open
65	-129.89	2.65	22.10	Open
66	169.17	3.45	36.05	Open
67	39.53	4.50	160.96	Open
68	139.03	1.97	10.31	Open
69	-42.28	2.17	26.33	Open
3	52.33	0.69	1.40	Open
4	3.51	0.70	6.24	Open
6	-3.59	0.18	0.27	Open
7	44.84	0.91	3.08	Open
8	44.84	0.91	3.08	Open
13	-32.53	1.84	18.03	Open
14	-29.20	1.65	14.76	Open
15	4.87	0.25	0.48	Open
17	-10.62	0.55	2.04	Open
18	-25.69	1.32	10.46	Open
20	-13.54	1.54	22.12	Open
24	-0.37	0.13	0.39	Open
25	0.00	0.00	0.00	Open
26	-0.18	0.04	0.03	Open
27	0.01	0.01	0.01	Open
29	-0.01	0.00	0.00	Open
1	-145.08	1.90	9.28	Open
10	141.30	2.00	10.63	Open
23	-4.32	0.86	9.16	Open
30	-0.05	0.01	0.00	Open
32	-0.30	0.04	0.03	Open
21	-13.06	0.96	7.14	Open
22	116.26	3.70	46.97	Open
28	201.30	2.09	9.66	Open
34	2.45	0.03	0.01	Open
40	158.65	2.24	13.17	Open
43	3.69	0.73	7.78	Open
50	-220.64	3.12	24.25	Open
53	116.26	3.70	46.97	Open
55	30.97	1.75	9.66	Open

□

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Link Results at 18:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
56	8.42	1.07	10.63	Open
9	0.27	0.03	0.02	Open

brusciano_ATTUALE				
12	0.19	0.02	0.01	Open
35	-8.21	0.46	1.41	Open
36	2.04	0.02	0.00	Open

Node Results at 19:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.17	69.75	23.94	0.00
2	0.73	65.40	34.37	0.00
3	1.38	65.31	35.24	0.00
4	1.50	59.54	30.07	0.00
6	1.10	62.65	29.07	0.00
7	0.08	65.08	31.74	0.00
9	0.68	53.77	25.17	0.00
10	1.22	55.36	27.30	0.00
12	0.00	47.82	21.49	0.00
13	0.61	47.83	21.33	0.00
14	0.11	47.02	20.02	0.00
15	1.40	53.75	24.47	0.00
21	1.44	53.03	22.63	0.00
22	0.00	57.04	26.01	0.00
23	0.51	58.73	24.48	0.00
24	0.08	59.34	21.91	0.00
26	0.51	48.06	19.36	0.00
28	1.36	59.47	30.00	0.00
29	0.04	57.04	26.01	0.00
30	0.10	65.03	31.69	0.00
31	1.07	48.22	19.52	0.00
32	0.09	55.36	27.30	0.00
33	0.00	51.85	22.41	0.00
34	0.47	49.83	22.83	0.00
35	0.19	51.77	23.07	0.00
36	0.36	51.71	23.35	0.00
37	0.68	55.06	27.46	0.00
38	0.12	47.05	20.05	0.00
41	0.16	47.82	20.74	0.00
43	0.22	47.39	20.39	0.00
44	0.77	56.48	26.62	0.00
5	0.07	58.68	24.30	0.00
8	0.00	47.36	19.98	0.00
17	0.00	47.04	20.79	0.00
19	1.37	58.65	28.25	0.00
20	1.36	56.64	26.96	0.00

□

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Node Results at 19:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
45	0.17	47.82	21.02	0.00
46	0.01	47.82	19.62	0.00
47	0.33	47.66	21.61	0.00
48	0.01	47.04	19.76	0.00
49	0.05	47.70	20.85	0.00
50	0.15	47.04	19.74	0.00
51	0.28	65.51	24.63	0.00
16	0.23	75.68	26.68	0.00
42	0.97	47.70	47.70	0.00
25	-231.81	81.00	0.00	0.00 Reservoir
11	-12.86	56.40	0.00	0.00 Reservoir
18	222.49	47.00	0.00	0.00 Reservoir

Link Results at 19:00 Hrs:

Link ID	Flow LPS	brusciano_ATTUALE		Status
		Velocity m/s	Unit Headloss m/km	
2	82.01	1.16	3.88	Open
5	47.02	2.42	32.05	Open
11	4.78	0.95	11.04	Open
16	1.23	0.06	0.04	Open
19	-0.49	0.03	0.01	Open
31	-5.98	1.19	16.73	Open
33	-8.99	0.51	1.89	Open
37	-158.66	4.62	76.25	Open
38	-2.48	0.49	3.28	Open
39	-3.59	0.71	7.37	Open
41	47.00	2.66	35.63	Open
42	45.92	0.94	3.22	Open
44	-9.63	1.23	13.62	Open
45	-1.92	0.58	6.36	Open
46	3.76	0.21	0.38	Open
47	158.49	4.61	76.09	Open
48	-27.38	1.55	14.89	Open
49	-27.93	0.52	1.05	Open
51	0.36	0.11	0.28	Open
52	-12.89	1.47	20.19	Open
54	7.06	0.40	1.06	Open
57	-0.39	0.02	0.01	Open
62	-7.34	0.42	1.14	Open
65	-130.56	2.66	22.31	Open
66	170.14	3.47	36.43	Open
67	39.80	4.53	162.96	Open
68	138.94	1.97	10.30	Open
69	-42.46	2.18	26.53	Open
3	52.16	0.68	1.40	Open

□

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Link Results at 19:00 Hrs: (continued)

Link ID	Flow LPS	brusciano_ATTUALE		Status
		Velocity m/s	Unit Headloss m/km	
4	3.53	0.70	6.31	Open
6	-3.61	0.19	0.28	Open
7	45.41	0.93	3.16	Open
8	45.41	0.93	3.16	Open
13	-32.62	1.85	18.12	Open
14	-29.11	1.65	14.68	Open
15	4.88	0.25	0.48	Open
17	-10.61	0.55	2.03	Open
18	-25.54	1.31	10.35	Open
20	-13.57	1.54	22.21	Open
24	-0.33	0.12	0.31	Open
25	0.00	0.00	0.00	Open
26	-0.16	0.03	0.02	Open
27	0.01	0.01	0.01	Open
29	-0.01	0.00	0.00	Open
1	-144.82	1.90	9.25	Open
10	141.00	1.99	10.59	Open
23	-4.30	0.86	9.08	Open
30	-0.05	0.01	0.00	Open
32	-0.27	0.03	0.03	Open
21	-12.86	0.95	6.94	Open
22	115.91	3.69	46.70	Open
28	200.70	2.09	9.61	Open
34	2.45	0.03	0.01	Open
40	158.92	2.25	13.21	Open
43	3.68	0.73	7.74	Open
50	-222.49	3.15	24.64	Open
53	115.91	3.69	46.70	Open

brusciano_ATTUALE

55	30.88	1.75	9.61	Open
56	8.40	1.07	10.59	Open
9	0.24	0.03	0.02	Open
12	0.17	0.02	0.01	Open
35	-8.35	0.47	1.45	Open
36	2.01	0.02	0.00	Open

Node Results at 20:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.15	69.81	24.00	0.00
2	0.64	65.50	34.47	0.00
3	1.21	65.40	35.33	0.00
4	1.31	59.63	30.16	0.00
6	0.97	62.74	29.16	0.00
7	0.07	65.18	31.84	0.00
9	0.60	53.83	25.23	0.00

□

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Node Results at 20:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
10	1.07	55.39	27.33	0.00
12	0.00	47.88	21.55	0.00
13	0.53	47.88	21.38	0.00
14	0.10	47.03	20.03	0.00
15	1.23	53.82	24.54	0.00
21	1.26	53.13	22.73	0.00
22	0.00	57.16	26.13	0.00
23	0.45	58.87	24.62	0.00
24	0.07	59.47	22.04	0.00
26	0.45	48.08	19.38	0.00
28	1.19	59.56	30.09	0.00
29	0.03	57.16	26.13	0.00
30	0.08	65.13	31.79	0.00
31	0.94	48.25	19.55	0.00
32	0.08	55.39	27.33	0.00
33	0.00	51.90	22.46	0.00
34	0.41	49.87	22.87	0.00
35	0.17	51.82	23.12	0.00
36	0.31	51.77	23.41	0.00
37	0.59	55.18	27.58	0.00
38	0.10	47.05	20.05	0.00
41	0.14	47.87	20.79	0.00
43	0.19	47.39	20.39	0.00
44	0.68	56.60	26.74	0.00
5	0.06	58.82	24.44	0.00
8	0.00	47.37	19.99	0.00
17	0.00	47.04	20.79	0.00
19	1.20	58.79	28.39	0.00
20	1.19	56.76	27.08	0.00
45	0.15	47.87	21.07	0.00
46	0.01	47.87	19.67	0.00
47	0.29	47.75	21.70	0.00
48	0.01	47.04	19.76	0.00
49	0.04	47.75	20.90	0.00
50	0.13	47.04	19.74	0.00
51	0.25	65.59	24.71	0.00
16	0.20	75.71	26.71	0.00
42	0.85	47.75	47.75	0.00
25	-231.09	81.00	0.00	0.00 Reservoir
11	-12.65	56.40	0.00	0.00 Reservoir
18	224.35	47.00	0.00	0.00 Reservoir

brusciano_ATTUALE

□

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Link Results at 20:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	81.65	1.16	3.85	Open
5	47.04	2.42	32.07	Open
11	4.74	0.94	10.90	Open
16	1.30	0.07	0.04	Open
19	-0.43	0.02	0.01	Open
31	-5.99	1.19	16.80	Open
33	-8.95	0.51	1.88	Open
37	-159.12	4.63	76.65	Open
38	-2.47	0.49	3.25	Open
39	-3.59	0.71	7.38	Open
41	47.37	2.68	36.15	Open
42	46.43	0.95	3.29	Open
44	-9.61	1.22	13.58	Open
45	-1.90	0.57	6.22	Open
46	3.74	0.21	0.37	Open
47	159.19	4.63	76.71	Open
48	-27.48	1.55	14.98	Open
49	-27.96	0.52	1.05	Open
51	0.31	0.09	0.22	Open
52	-13.00	1.48	20.52	Open
54	7.36	0.42	1.15	Open
57	-0.34	0.02	0.00	Open
62	-7.61	0.43	1.22	Open
65	-131.23	2.67	22.52	Open
66	171.10	3.49	36.81	Open
67	40.06	4.56	164.97	Open
68	138.85	1.96	10.29	Open
69	-42.64	2.19	26.74	Open
3	51.99	0.68	1.39	Open
4	3.56	0.71	6.39	Open
6	-3.62	0.19	0.28	Open
7	45.98	0.94	3.23	Open
8	45.98	0.94	3.23	Open
13	-32.71	1.85	18.21	Open
14	-29.02	1.64	14.59	Open
15	4.89	0.25	0.48	Open
17	-10.60	0.54	2.03	Open
18	-25.39	1.30	10.24	Open
20	-13.59	1.55	22.29	Open
24	-0.29	0.10	0.25	Open
25	0.00	0.00	0.00	Open
26	-0.14	0.03	0.02	Open
27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-144.56	1.90	9.21	Open
10	140.71	1.99	10.54	Open
23	-4.28	0.85	9.01	Open

□

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Link Results at 20:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
30	-0.04	0.01	0.00	Open
32	-0.24	0.03	0.02	Open
21	-12.65	0.93	6.74	Open
22	115.55	3.68	46.43	Open

brusciano_ATTUALE				
28	200.11	2.08	9.55	Open
34	2.44	0.03	0.01	Open
40	159.19	2.25	13.25	Open
43	3.67	0.73	7.70	Open
50	-224.35	3.17	25.02	Open
53	115.55	3.68	46.43	Open
55	30.78	1.74	9.55	Open
56	8.38	1.07	10.54	Open
9	0.21	0.03	0.01	Open
12	0.15	0.02	0.01	Open
35	-8.50	0.48	1.50	Open
36	1.97	0.02	0.00	Open

Node Results at 21:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.15	69.81	24.00	0.00
2	0.64	65.50	34.47	0.00
3	1.21	65.40	35.33	0.00
4	1.31	59.63	30.16	0.00
6	0.97	62.74	29.16	0.00
7	0.07	65.18	31.84	0.00
9	0.60	53.83	25.23	0.00
10	1.07	55.39	27.33	0.00
12	0.00	47.88	21.55	0.00
13	0.53	47.88	21.38	0.00
14	0.10	47.03	20.03	0.00
15	1.23	53.82	24.54	0.00
21	1.26	53.13	22.73	0.00
22	0.00	57.16	26.13	0.00
23	0.45	58.87	24.62	0.00
24	0.07	59.47	22.04	0.00
26	0.45	48.08	19.38	0.00
28	1.19	59.56	30.09	0.00
29	0.03	57.16	26.13	0.00
30	0.08	65.13	31.79	0.00
31	0.94	48.25	19.55	0.00
32	0.08	55.39	27.33	0.00
33	0.00	51.90	22.46	0.00
34	0.41	49.87	22.87	0.00
35	0.17	51.82	23.12	0.00

□

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Node Results at 21:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
36	0.31	51.77	23.41	0.00
37	0.59	55.18	27.58	0.00
38	0.10	47.05	20.05	0.00
41	0.14	47.87	20.79	0.00
43	0.19	47.39	20.39	0.00
44	0.68	56.60	26.74	0.00
5	0.06	58.82	24.44	0.00
8	0.00	47.37	19.99	0.00
17	0.00	47.04	20.79	0.00
19	1.20	58.79	28.39	0.00
20	1.19	56.76	27.08	0.00
45	0.15	47.87	21.07	0.00
46	0.01	47.87	19.67	0.00
47	0.29	47.75	21.70	0.00
48	0.01	47.04	19.76	0.00
49	0.04	47.75	20.90	0.00
50	0.13	47.04	19.74	0.00

brusciano_ATTUALE				
51	0.25	65.59	24.71	0.00
16	0.20	75.71	26.71	0.00
42	0.85	47.75	47.75	0.00
25	-231.09	81.00	0.00	0.00 Reservoir
11	-12.65	56.40	0.00	0.00 Reservoir
18	224.35	47.00	0.00	0.00 Reservoir

Link Results at 21:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	81.65	1.16	3.85	Open
5	47.04	2.42	32.07	Open
11	4.74	0.94	10.90	Open
16	1.30	0.07	0.04	Open
19	-0.43	0.02	0.01	Open
31	-5.99	1.19	16.80	Open
33	-8.95	0.51	1.88	Open
37	-159.12	4.63	76.65	Open
38	-2.47	0.49	3.25	Open
39	-3.59	0.71	7.38	Open
41	47.37	2.68	36.15	Open
42	46.43	0.95	3.29	Open
44	-9.61	1.22	13.58	Open
45	-1.90	0.57	6.22	Open
46	3.74	0.21	0.37	Open
47	159.19	4.63	76.71	Open
48	-27.48	1.55	14.98	Open
49	-27.96	0.52	1.05	Open

□

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Link Results at 21:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
51	0.31	0.09	0.22	Open
52	-13.00	1.48	20.52	Open
54	7.36	0.42	1.15	Open
57	-0.34	0.02	0.00	Open
62	-7.61	0.43	1.22	Open
65	-131.23	2.67	22.52	Open
66	171.10	3.49	36.81	Open
67	40.06	4.56	164.97	Open
68	138.85	1.96	10.29	Open
69	-42.64	2.19	26.74	Open
3	51.99	0.68	1.39	Open
4	3.56	0.71	6.39	Open
6	-3.62	0.19	0.28	Open
7	45.98	0.94	3.23	Open
8	45.98	0.94	3.23	Open
13	-32.71	1.85	18.21	Open
14	-29.02	1.64	14.59	Open
15	4.89	0.25	0.48	Open
17	-10.60	0.54	2.03	Open
18	-25.39	1.30	10.24	Open
20	-13.59	1.55	22.29	Open
24	-0.29	0.10	0.25	Open
25	0.00	0.00	0.00	Open
26	-0.14	0.03	0.02	Open
27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-144.56	1.90	9.21	Open
10	140.71	1.99	10.54	Open
23	-4.28	0.85	9.01	Open
30	-0.04	0.01	0.00	Open

		brusciano_ATTUALE		
32	-0.24	0.03	0.02	Open
21	-12.65	0.93	6.74	Open
22	115.55	3.68	46.43	Open
28	200.11	2.08	9.55	Open
34	2.44	0.03	0.01	Open
40	159.19	2.25	13.25	Open
43	3.67	0.73	7.70	Open
50	-224.35	3.17	25.02	Open
53	115.55	3.68	46.43	Open
55	30.78	1.74	9.55	Open
56	8.38	1.07	10.54	Open
9	0.21	0.03	0.01	Open
12	0.15	0.02	0.01	Open
35	-8.50	0.48	1.50	Open
36	1.97	0.02	0.00	Open

□

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Node Results at 22:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.10	69.94	24.13	0.00
2	0.46	65.70	34.67	0.00
3	0.87	65.60	35.53	0.00
4	0.94	59.82	30.35	0.00
6	0.69	62.92	29.34	0.00
7	0.05	65.38	32.04	0.00
9	0.43	53.96	25.36	0.00
10	0.77	55.45	27.39	0.00
12	0.00	47.98	21.65	0.00
13	0.38	47.98	21.48	0.00
14	0.07	47.03	20.03	0.00
15	0.88	53.94	24.66	0.00
21	0.90	53.32	22.92	0.00
22	0.00	57.39	26.36	0.00
23	0.32	59.14	24.89	0.00
24	0.05	59.73	22.30	0.00
26	0.32	48.13	19.43	0.00
28	0.85	59.75	30.28	0.00
29	0.02	57.39	26.36	0.00
30	0.06	65.33	31.99	0.00
31	0.67	48.30	19.60	0.00
32	0.05	55.45	27.39	0.00
33	0.00	51.99	22.55	0.00
34	0.30	49.94	22.94	0.00
35	0.12	51.91	23.21	0.00
36	0.22	51.89	23.53	0.00
37	0.42	55.42	27.82	0.00
38	0.07	47.05	20.05	0.00
41	0.10	47.98	20.90	0.00
43	0.14	47.40	20.40	0.00
44	0.48	56.85	26.99	0.00
5	0.05	59.09	24.71	0.00
8	0.00	47.39	20.01	0.00
17	0.00	47.05	20.80	0.00
19	0.86	59.06	28.66	0.00
20	0.85	57.02	27.34	0.00
45	0.10	47.98	21.18	0.00
46	0.01	47.98	19.78	0.00
47	0.20	47.91	21.86	0.00
48	0.01	47.05	19.77	0.00
49	0.03	47.85	21.00	0.00
50	0.09	47.05	19.75	0.00
51	0.18	65.75	24.87	0.00
16	0.14	75.77	26.77	0.00

brusciano_ATTUALE				
42	0.60	47.85	47.85	0.00
25	-229.65	81.00	0.00	0.00 Reservoir
11	-12.25	56.40	0.00	0.00 Reservoir

□

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Node Results at 22:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	228.04	47.00	0.00	0.00 Reservoir

Link Results at 22:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	80.95	1.15	3.79	Open
5	47.08	2.42	32.13	Open
11	4.68	0.93	10.62	Open
16	1.42	0.07	0.05	Open
19	-0.31	0.02	0.00	Open
31	-6.02	1.20	16.95	Open
33	-8.87	0.50	1.85	Open
37	-160.03	4.66	77.47	Open
38	-2.44	0.49	3.19	Open
39	-3.59	0.71	7.40	Open
41	48.11	2.72	37.20	Open
42	47.44	0.97	3.42	Open
44	-9.58	1.22	13.50	Open
45	-1.85	0.56	5.95	Open
46	3.70	0.21	0.37	Open
47	160.57	4.67	77.96	Open
48	-27.66	1.57	15.17	Open
49	-28.01	0.53	1.06	Open
51	0.22	0.07	0.12	Open
52	-13.22	1.50	21.17	Open
54	7.97	0.45	1.33	Open
57	-0.25	0.01	0.00	Open
62	-8.15	0.46	1.39	Open
65	-132.57	2.70	22.95	Open
66	173.02	3.52	37.58	Open
67	40.59	4.62	169.02	Open
68	138.66	1.96	10.26	Open
69	-42.99	2.21	27.15	Open
3	51.65	0.68	1.37	Open
4	3.60	0.72	6.54	Open
6	-3.65	0.19	0.28	Open
7	47.12	0.96	3.38	Open
8	47.12	0.96	3.38	Open
13	-32.89	1.86	18.40	Open
14	-28.84	1.63	14.43	Open
15	4.90	0.25	0.49	Open
17	-10.58	0.54	2.02	Open
18	-25.08	1.29	10.01	Open
20	-13.65	1.55	22.45	Open
24	-0.20	0.07	0.13	Open

□

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Link Results at 22:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.10	0.02	0.01	Open

brusciano_ATTUALE

27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-144.03	1.89	9.15	Open
10	140.10	1.98	10.46	Open
23	-4.24	0.84	8.86	Open
30	-0.03	0.00	0.00	Open
32	-0.17	0.02	0.01	Open
21	-12.25	0.90	6.35	Open
22	114.82	3.65	45.90	Open
28	198.90	2.07	9.45	Open
34	2.42	0.03	0.01	Open
40	159.73	2.26	13.34	Open
43	3.65	0.73	7.63	Open
50	-228.04	3.23	25.78	Open
53	114.82	3.65	45.90	Open
55	30.60	1.73	9.45	Open
56	8.35	1.06	10.46	Open
9	0.15	0.02	0.01	Open
12	0.11	0.01	0.00	Open
35	-8.78	0.50	1.60	Open
36	1.91	0.02	0.00	Open

Node Results at 23:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.10	69.94	24.13	0.00
2	0.46	65.70	34.67	0.00
3	0.87	65.60	35.53	0.00
4	0.94	59.82	30.35	0.00
6	0.69	62.92	29.34	0.00
7	0.05	65.38	32.04	0.00
9	0.43	53.96	25.36	0.00
10	0.77	55.45	27.39	0.00
12	0.00	47.98	21.65	0.00
13	0.38	47.98	21.48	0.00
14	0.07	47.03	20.03	0.00
15	0.88	53.94	24.66	0.00
21	0.90	53.32	22.92	0.00
22	0.00	57.39	26.36	0.00
23	0.32	59.14	24.89	0.00
24	0.05	59.73	22.30	0.00
26	0.32	48.13	19.43	0.00
28	0.85	59.75	30.28	0.00

□

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Node Results at 23:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
29	0.02	57.39	26.36	0.00
30	0.06	65.33	31.99	0.00
31	0.67	48.30	19.60	0.00
32	0.05	55.45	27.39	0.00
33	0.00	51.99	22.55	0.00
34	0.30	49.94	22.94	0.00
35	0.12	51.91	23.21	0.00
36	0.22	51.89	23.53	0.00
37	0.42	55.42	27.82	0.00
38	0.07	47.05	20.05	0.00
41	0.10	47.98	20.90	0.00
43	0.14	47.40	20.40	0.00
44	0.48	56.85	26.99	0.00
5	0.05	59.09	24.71	0.00
8	0.00	47.39	20.01	0.00

		brusciano_ATTUALE			
17	0.00	47.05	20.80	0.00	
19	0.86	59.06	28.66	0.00	
20	0.85	57.02	27.34	0.00	
45	0.10	47.98	21.18	0.00	
46	0.01	47.98	19.78	0.00	
47	0.20	47.91	21.86	0.00	
48	0.01	47.05	19.77	0.00	
49	0.03	47.85	21.00	0.00	
50	0.09	47.05	19.75	0.00	
51	0.18	65.75	24.87	0.00	
16	0.14	75.77	26.77	0.00	
42	0.60	47.85	47.85	0.00	
25	-229.65	81.00	0.00	0.00	Reservoir
11	-12.25	56.40	0.00	0.00	Reservoir
18	228.04	47.00	0.00	0.00	Reservoir

Link Results at 23:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	80.95	1.15	3.79	Open
5	47.08	2.42	32.13	Open
11	4.68	0.93	10.62	Open
16	1.42	0.07	0.05	Open
19	-0.31	0.02	0.00	Open
31	-6.02	1.20	16.95	Open
33	-8.87	0.50	1.85	Open
37	-160.03	4.66	77.47	Open
38	-2.44	0.49	3.19	Open
39	-3.59	0.71	7.40	Open
41	48.11	2.72	37.20	Open

□

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Link Results at 23:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
42	47.44	0.97	3.42	Open
44	-9.58	1.22	13.50	Open
45	-1.85	0.56	5.95	Open
46	3.70	0.21	0.37	Open
47	160.57	4.67	77.96	Open
48	-27.66	1.57	15.17	Open
49	-28.01	0.53	1.06	Open
51	0.22	0.07	0.12	Open
52	-13.22	1.50	21.17	Open
54	7.97	0.45	1.33	Open
57	-0.25	0.01	0.00	Open
62	-8.15	0.46	1.39	Open
65	-132.57	2.70	22.95	Open
66	173.02	3.52	37.58	Open
67	40.59	4.62	169.02	Open
68	138.66	1.96	10.26	Open
69	-42.99	2.21	27.15	Open
3	51.65	0.68	1.37	Open
4	3.60	0.72	6.54	Open
6	-3.65	0.19	0.28	Open
7	47.12	0.96	3.38	Open
8	47.12	0.96	3.38	Open
13	-32.89	1.86	18.40	Open
14	-28.84	1.63	14.43	Open
15	4.90	0.25	0.49	Open
17	-10.58	0.54	2.02	Open
18	-25.08	1.29	10.01	Open
20	-13.65	1.55	22.45	Open

brusciano_ATTUALE

24	-0.20	0.07	0.13	Open
25	0.00	0.00	0.00	Open
26	-0.10	0.02	0.01	Open
27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-144.03	1.89	9.15	Open
10	140.10	1.98	10.46	Open
23	-4.24	0.84	8.86	Open
30	-0.03	0.00	0.00	Open
32	-0.17	0.02	0.01	Open
21	-12.25	0.90	6.35	Open
22	114.82	3.65	45.90	Open
28	198.90	2.07	9.45	Open
34	2.42	0.03	0.01	Open
40	159.73	2.26	13.34	Open
43	3.65	0.73	7.63	Open
50	-228.04	3.23	25.78	Open
53	114.82	3.65	45.90	Open
55	30.60	1.73	9.45	Open

□

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Link Results at 23:00 Hrs: (continued)

Link ID	Flow LPS	VelocityUnit m/s	Headloss m/km	Status
56	8.35	1.06	10.46	Open
9	0.15	0.02	0.01	Open
12	0.11	0.01	0.00	Open
35	-8.78	0.50	1.60	Open
36	1.91	0.02	0.00	Open

Node Results at 24:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.06	70.07	24.26	0.00
2	0.27	65.89	34.86	0.00
3	0.52	65.80	35.73	0.00
4	0.56	60.00	30.53	0.00
6	0.41	63.10	29.52	0.00
7	0.03	65.58	32.24	0.00
9	0.26	54.09	25.49	0.00
10	0.46	55.51	27.45	0.00
12	0.00	48.10	21.77	0.00
13	0.23	48.10	21.60	0.00
14	0.04	47.03	20.03	0.00
15	0.53	54.07	24.79	0.00
21	0.54	53.52	23.12	0.00
22	0.00	57.63	26.60	0.00
23	0.19	59.42	25.17	0.00
24	0.03	60.00	22.57	0.00
26	0.19	48.18	19.48	0.00
28	0.51	59.94	30.47	0.00
29	0.01	57.63	26.60	0.00
30	0.04	65.53	32.19	0.00
31	0.40	48.36	19.66	0.00
32	0.03	55.51	27.45	0.00
33	0.00	52.09	22.65	0.00
34	0.18	50.01	23.01	0.00
35	0.07	52.00	23.30	0.00
36	0.13	51.99	23.63	0.00
37	0.25	55.66	28.06	0.00
38	0.04	47.06	20.06	0.00
41	0.06	48.10	21.02	0.00
43	0.08	47.41	20.41	0.00

		brusciano_ATTUALE		
44	0.29	57.11	27.25	0.00
5	0.03	59.37	24.99	0.00
8	0.00	47.40	20.02	0.00
17	0.00	47.06	20.81	0.00
19	0.51	59.33	28.93	0.00
20	0.51	57.27	27.59	0.00

□

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Node Results at 24:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
45	0.06	48.10	21.30	0.00
46	0.00	48.10	19.90	0.00
47	0.12	48.07	22.02	0.00
48	0.00	47.06	19.78	0.00
49	0.02	47.96	21.11	0.00
50	0.06	47.06	19.76	0.00
51	0.11	65.91	25.03	0.00
16	0.09	75.83	26.83	0.00
42	0.36	47.96	47.96	0.00
25	-228.20	81.00	0.00	0.00 Reservoir
11	-11.83	56.40	0.00	0.00 Reservoir
18	231.72	47.00	0.00	0.00 Reservoir

Link Results at 24:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	80.24	1.14	3.73	Open
5	47.12	2.42	32.18	Open
11	4.61	0.92	10.34	Open
16	1.55	0.08	0.06	Open
19	-0.19	0.01	0.00	Open
31	-6.05	1.20	17.09	Open
33	-8.78	0.50	1.81	Open
37	-160.94	4.68	78.28	Open
38	-2.42	0.48	3.12	Open
39	-3.60	0.72	7.42	Open
41	48.84	2.76	38.26	Open
42	48.44	0.99	3.56	Open
44	-9.54	1.21	13.40	Open
45	-1.80	0.54	5.67	Open
46	3.66	0.21	0.36	Open
47	161.96	4.71	79.21	Open
48	-27.85	1.58	15.36	Open
49	-28.05	0.53	1.06	Open
51	0.13	0.04	0.05	Open
52	-13.44	1.53	21.83	Open
54	8.58	0.49	1.53	Open
57	-0.15	0.01	0.00	Open
62	-8.68	0.49	1.56	Open
65	-133.90	2.73	23.38	Open
66	174.94	3.56	38.36	Open
67	41.12	4.68	173.09	Open
68	138.47	1.96	10.24	Open
69	-43.33	2.23	27.55	Open
3	51.30	0.67	1.35	Open

□

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Link Results at 24:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
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brusciano_ATTUALE

4	3.65	0.73	6.69	Open
6	-3.67	0.19	0.29	Open
7	48.24	0.98	3.53	Open
8	48.24	0.98	3.53	Open
13	-33.06	1.87	18.58	Open
14	-28.66	1.62	14.26	Open
15	4.92	0.25	0.49	Open
17	-10.56	0.54	2.02	Open
18	-24.77	1.27	9.78	Open
20	-13.70	1.56	22.61	Open
24	-0.12	0.04	0.05	Open
25	0.00	0.00	0.00	Open
26	-0.06	0.01	0.00	Open
27	0.00	0.00	0.00	Open
29	0.00	0.00	0.00	Open
1	-143.50	1.88	9.09	Open
10	139.50	1.97	10.38	Open
23	-4.20	0.84	8.70	Open
30	-0.02	0.00	0.00	Open
32	-0.10	0.01	0.00	Open
21	-11.83	0.87	5.96	Open
22	114.10	3.63	45.36	Open
28	197.69	2.05	9.34	Open
34	2.40	0.03	0.01	Open
40	160.27	2.27	13.42	Open
43	3.63	0.72	7.56	Open
50	-231.72	3.28	26.56	Open
53	114.10	3.63	45.36	Open
55	30.41	1.72	9.34	Open
56	8.31	1.06	10.38	Open
9	0.09	0.01	0.00	Open
12	0.06	0.01	0.00	Open
35	-9.06	0.51	1.69	Open
36	1.84	0.02	0.00	Open

brusciano con incrementi di piano

INCREMENTI DI PIANO

12/02/2012 10.43.36

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*****
*                               E P A N E T                               *
*                               Hydraulic and water Quality              *
*                               Analysis for Pipe Networks                *
*                               Version 2.0                              *
*****
```

Input File: bruscianoBUONOcon incrementi di piano fr.NET

Link - Node Table:

Link ID	Start Node	End Node	Length m	Diameter mm
2	1	2	1120	300
5	3	4	180	157.4
11	6	24	300	80
16	9	15	400	157.4
19	12	13	113	150
31	21	22	240	80
33	23	24	320	150
37	15	28	75	209.2
38	29	28	740	80
39	28	30	754	80
41	21	31	135	150
42	31	26	50	250
44	13	10	553	100
45	9	32	250	65
46	3	7	592	150
47	15	33	25	209.2
48	34	35	130	150
49	35	33	78	260.4
51	35	36	200	65
52	34	37	259	105.8
54	38	14	20	150
57	41	12	346	150
62	38	42	576	150
65	43	33	200	250
66	43	14	10	250
67	34	43	15	105.8
68	6	4	302	300
69	21	44	130	157.4
3	2	3	70	311.6
4	5	22	260	80
6	5	23	174	157.4
7	26	8	220	250
8	8	14	107	250
13	44	19	120	150
14	19	2	460	150
15	23	19	165	157.4
17	44	20	80	157.4

□

Page 2

Link - Node Table: (continued)

Link ID	Start Node	End Node	Length m	Diameter mm
18	20	4	280	157.4
20	37	20	71	105.8
24	47	45	504	60
25	17	50	220	80
26	50	38	330	80
27	50	48	230	40

brusciano con incrementi di piano

29	46	45	595	80
1	6	51	310	311.6
10	1	51	400	300
23	24	51	680	80
30	49	42	688	100
32	45	12	325	100
21	10	11	150	131.6
22	25	16	114	200
28	16	1	617	350
34	29	22	82	300
40	4	28	5	300
43	7	30	7	80
50	18	14	1	300
53	25	16	114	200
55	16	1	617	150
56	1	51	400	100
9	41	45	441	100
12	13	12	113	100
35	42	13	83	150
36	10	32	23	350

Node Results at 0:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.06	70.05	24.24	0.00
2	0.27	65.87	34.84	0.00
3	0.52	65.77	35.70	0.00
4	0.56	59.99	30.52	0.00
6	0.41	63.08	29.50	0.00
7	0.23	65.54	32.20	0.00
9	0.26	54.08	25.48	0.00
10	0.46	55.50	27.44	0.00
12	0.07	48.05	21.72	0.00
13	0.23	48.05	21.55	0.00
14	0.04	47.03	20.03	0.00
15	0.53	54.06	24.78	0.00
21	0.54	53.51	23.11	0.00
22	0.00	57.61	26.58	0.00
23	0.19	59.39	25.14	0.00

□

Page 3

Node Results at 0:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
24	0.08	59.97	22.54	0.00
26	0.19	48.18	19.48	0.00
28	0.51	59.92	30.45	0.00
29	0.01	57.61	26.58	0.00
30	0.04	65.48	32.14	0.00
31	0.40	48.36	19.66	0.00
32	0.05	55.50	27.44	0.00
33	0.00	52.08	22.64	0.00
34	0.18	50.00	23.00	0.00
35	0.07	52.00	23.30	0.00
36	0.13	51.99	23.63	0.00
37	0.25	55.65	28.05	0.00
38	0.04	47.06	20.06	0.00
41	0.15	48.05	20.97	0.00
43	0.08	47.41	20.41	0.00
44	0.29	57.09	27.23	0.00
5	0.04	59.34	24.96	0.00
8	0.00	47.40	20.02	0.00
17	0.00	47.06	20.81	0.00

brusciano con incrementi di piano				
19	0.51	59.31	28.91	0.00
20	0.51	57.25	27.57	0.00
45	0.16	48.04	21.24	0.00
46	0.01	48.04	19.84	0.00
47	0.12	48.02	21.97	0.00
48	0.01	47.05	19.77	0.00
49	0.02	47.91	21.06	0.00
50	0.03	47.06	19.76	0.00
51	0.16	65.90	25.02	0.00
16	0.09	75.82	26.82	0.00
42	0.36	47.91	47.91	0.00
25	-228.36	81.00	0.00	0.00 Reservoir
11	-11.88	56.40	0.00	0.00 Reservoir
18	231.37	47.00	0.00	0.00 Reservoir

Link Results at 0:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	80.36	1.14	3.74	Open
5	47.07	2.42	32.11	Open
11	4.62	0.92	10.37	Open
16	1.55	0.08	0.06	Open
19	-0.37	0.02	0.00	Open
31	-6.04	1.20	17.06	Open
33	-8.75	0.50	1.80	Open
37	-160.84	4.68	78.20	Open

□

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Link Results at 0:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
38	-2.42	0.48	3.13	Open
39	-3.59	0.71	7.38	Open
41	48.80	2.76	38.20	Open
42	48.40	0.99	3.55	Open
44	-9.57	1.22	13.48	Open
45	-1.80	0.54	5.67	Open
46	3.85	0.22	0.39	Open
47	161.86	4.71	79.12	Open
48	-27.83	1.58	15.35	Open
49	-28.04	0.53	1.06	Open
51	0.13	0.04	0.05	Open
52	-13.43	1.53	21.80	Open
54	8.38	0.47	1.46	Open
57	-0.28	0.02	0.00	Open
62	-8.46	0.48	1.49	Open
65	-133.82	2.73	23.35	Open
66	174.83	3.56	38.31	Open
67	41.09	4.67	172.88	Open
68	138.45	1.96	10.23	Open
69	-43.29	2.23	27.51	Open
3	51.44	0.67	1.36	Open
4	3.64	0.72	6.67	Open
6	-3.68	0.19	0.29	Open
7	48.20	0.98	3.52	Open
8	48.20	0.98	3.52	Open
13	-33.01	1.87	18.52	Open
14	-28.65	1.62	14.25	Open
15	4.88	0.25	0.48	Open
17	-10.57	0.54	2.02	Open
18	-24.77	1.27	9.78	Open
20	-13.69	1.56	22.57	Open
24	-0.12	0.04	0.05	Open

	brusciano con incrementi di piano			
25	0.00	0.00	0.00	Open
26	-0.04	0.01	0.00	Open
27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-143.48	1.88	9.09	Open
10	139.53	1.97	10.38	Open
23	-4.21	0.84	8.72	Open
30	-0.02	0.00	0.00	Open
32	-0.16	0.02	0.01	Open
21	-11.88	0.87	6.00	Open
22	114.18	3.63	45.42	Open
28	197.83	2.06	9.35	Open
34	2.40	0.03	0.01	Open
40	160.18	2.27	13.41	Open
43	3.62	0.72	7.51	Open

□

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Link Results at 0:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
50	-231.37	3.27	26.49	Open
53	114.18	3.63	45.42	Open
55	30.44	1.72	9.35	Open
56	8.31	1.06	10.38	Open
9	0.13	0.02	0.01	Open
12	0.13	0.02	0.00	Open
35	-8.84	0.50	1.61	Open
36	1.85	0.02	0.00	Open

Node Results at 1:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.06	70.05	24.24	0.00
2	0.27	65.87	34.84	0.00
3	0.52	65.77	35.70	0.00
4	0.56	59.99	30.52	0.00
6	0.41	63.08	29.50	0.00
7	0.23	65.54	32.20	0.00
9	0.26	54.08	25.48	0.00
10	0.46	55.50	27.44	0.00
12	0.07	48.05	21.72	0.00
13	0.23	48.05	21.55	0.00
14	0.04	47.03	20.03	0.00
15	0.53	54.06	24.78	0.00
21	0.54	53.51	23.11	0.00
22	0.00	57.61	26.58	0.00
23	0.19	59.39	25.14	0.00
24	0.08	59.97	22.54	0.00
26	0.19	48.18	19.48	0.00
28	0.51	59.92	30.45	0.00
29	0.01	57.61	26.58	0.00
30	0.04	65.48	32.14	0.00
31	0.40	48.36	19.66	0.00
32	0.05	55.50	27.44	0.00
33	0.00	52.08	22.64	0.00
34	0.18	50.00	23.00	0.00
35	0.07	52.00	23.30	0.00
36	0.13	51.99	23.63	0.00
37	0.25	55.65	28.05	0.00
38	0.04	47.06	20.06	0.00
41	0.15	48.05	20.97	0.00
43	0.08	47.41	20.41	0.00
44	0.29	57.09	27.23	0.00

brusciano con incrementi di piano

5	0.04	59.34	24.96	0.00
8	0.00	47.40	20.02	0.00

□

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Node Results at 1:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
17	0.00	47.06	20.81	0.00
19	0.51	59.31	28.91	0.00
20	0.51	57.25	27.57	0.00
45	0.16	48.04	21.24	0.00
46	0.01	48.04	19.84	0.00
47	0.12	48.02	21.97	0.00
48	0.01	47.05	19.77	0.00
49	0.02	47.91	21.06	0.00
50	0.03	47.06	19.76	0.00
51	0.16	65.90	25.02	0.00
16	0.09	75.82	26.82	0.00
42	0.36	47.91	47.91	0.00
25	-228.36	81.00	0.00	0.00 Reservoir
11	-11.88	56.40	0.00	0.00 Reservoir
18	231.37	47.00	0.00	0.00 Reservoir

Link Results at 1:00 Hrs:

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
2	80.36	1.14	3.74	Open
5	47.07	2.42	32.11	Open
11	4.62	0.92	10.37	Open
16	1.55	0.08	0.06	Open
19	-0.37	0.02	0.00	Open
31	-6.04	1.20	17.06	Open
33	-8.75	0.50	1.80	Open
37	-160.84	4.68	78.20	Open
38	-2.42	0.48	3.13	Open
39	-3.59	0.71	7.38	Open
41	48.80	2.76	38.20	Open
42	48.40	0.99	3.55	Open
44	-9.57	1.22	13.48	Open
45	-1.80	0.54	5.67	Open
46	3.85	0.22	0.39	Open
47	161.86	4.71	79.12	Open
48	-27.83	1.58	15.35	Open
49	-28.04	0.53	1.06	Open
51	0.13	0.04	0.05	Open
52	-13.43	1.53	21.80	Open
54	8.38	0.47	1.46	Open
57	-0.28	0.02	0.00	Open
62	-8.46	0.48	1.49	Open
65	-133.82	2.73	23.35	Open
66	174.83	3.56	38.31	Open
67	41.09	4.67	172.88	Open

□

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Link Results at 1:00 Hrs: (continued)

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
68	138.45	1.96	10.23	Open
69	-43.29	2.23	27.51	Open
3	51.44	0.67	1.36	Open

brusciano con incrementi di piano				
4	3.64	0.72	6.67	Open
6	-3.68	0.19	0.29	Open
7	48.20	0.98	3.52	Open
8	48.20	0.98	3.52	Open
13	-33.01	1.87	18.52	Open
14	-28.65	1.62	14.25	Open
15	4.88	0.25	0.48	Open
17	-10.57	0.54	2.02	Open
18	-24.77	1.27	9.78	Open
20	-13.69	1.56	22.57	Open
24	-0.12	0.04	0.05	Open
25	0.00	0.00	0.00	Open
26	-0.04	0.01	0.00	Open
27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-143.48	1.88	9.09	Open
10	139.53	1.97	10.38	Open
23	-4.21	0.84	8.72	Open
30	-0.02	0.00	0.00	Open
32	-0.16	0.02	0.01	Open
21	-11.88	0.87	6.00	Open
22	114.18	3.63	45.42	Open
28	197.83	2.06	9.35	Open
34	2.40	0.03	0.01	Open
40	160.18	2.27	13.41	Open
43	3.62	0.72	7.51	Open
50	-231.37	3.27	26.49	Open
53	114.18	3.63	45.42	Open
55	30.44	1.72	9.35	Open
56	8.31	1.06	10.38	Open
9	0.13	0.02	0.01	Open
12	0.13	0.02	0.00	Open
35	-8.84	0.50	1.61	Open
36	1.85	0.02	0.00	Open

□

Page 8
Node Results at 2:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.08	69.98	24.17	0.00
2	0.37	65.76	34.73	0.00
3	0.69	65.66	35.59	0.00
4	0.75	59.89	30.42	0.00
6	0.55	62.99	29.41	0.00
7	0.31	65.42	32.08	0.00
9	0.34	54.01	25.41	0.00
10	0.61	55.47	27.41	0.00
12	0.09	47.97	21.64	0.00
13	0.30	47.97	21.47	0.00
14	0.06	47.03	20.03	0.00
15	0.70	53.99	24.71	0.00
21	0.72	53.41	23.01	0.00
22	0.00	57.49	26.46	0.00
23	0.26	59.25	25.00	0.00
24	0.10	59.83	22.40	0.00
26	0.26	48.15	19.45	0.00
28	0.68	59.82	30.35	0.00
29	0.02	57.49	26.46	0.00
30	0.05	65.37	32.03	0.00
31	0.54	48.33	19.63	0.00
32	0.07	55.47	27.41	0.00
33	0.00	52.03	22.59	0.00
34	0.24	49.97	22.97	0.00
35	0.10	51.95	23.25	0.00

	brusciano con incrementi di piano				
36	0.18	51.93	23.57	0.00	
37	0.34	55.52	27.92	0.00	
38	0.06	47.05	20.05	0.00	
41	0.20	47.97	20.89	0.00	
43	0.11	47.41	20.41	0.00	
44	0.39	56.96	27.10	0.00	
5	0.05	59.20	24.82	0.00	
8	0.00	47.39	20.01	0.00	
17	0.00	47.05	20.80	0.00	
19	0.68	59.17	28.77	0.00	
20	0.68	57.12	27.44	0.00	
45	0.21	47.97	21.17	0.00	
46	0.01	47.97	19.77	0.00	
47	0.16	47.92	21.87	0.00	
48	0.01	47.05	19.77	0.00	
49	0.02	47.85	21.00	0.00	
50	0.04	47.05	19.75	0.00	
51	0.21	65.81	24.93	0.00	
16	0.12	75.79	26.79	0.00	
42	0.48	47.85	47.85	0.00	
25	-229.14	81.00	0.00	0.00	Reservoir
11	-12.10	56.40	0.00	0.00	Reservoir

□

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Node Results at 2:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	229.41	47.00	0.00	0.00 Reservoir

Link Results at 2:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	80.76	1.14	3.77	Open
5	47.03	2.42	32.06	Open
11	4.66	0.93	10.53	Open
16	1.49	0.08	0.05	Open
19	-0.50	0.03	0.01	Open
31	-6.03	1.20	16.98	Open
33	-8.78	0.50	1.81	Open
37	-160.35	4.67	77.76	Open
38	-2.43	0.48	3.16	Open
39	-3.58	0.71	7.35	Open
41	48.42	2.74	37.65	Open
42	47.88	0.98	3.48	Open
44	-9.60	1.22	13.55	Open
45	-1.83	0.55	5.82	Open
46	3.93	0.22	0.41	Open
47	161.14	4.69	78.46	Open
48	-27.74	1.57	15.25	Open
49	-28.01	0.53	1.06	Open
51	0.18	0.05	0.08	Open
52	-13.32	1.51	21.46	Open
54	8.01	0.45	1.34	Open
57	-0.37	0.02	0.00	Open
62	-8.12	0.46	1.38	Open
65	-133.13	2.71	23.13	Open
66	173.84	3.54	37.91	Open
67	40.82	4.64	170.77	Open
68	138.53	1.96	10.24	Open
69	-43.11	2.22	27.29	Open
3	51.66	0.68	1.37	Open
4	3.62	0.72	6.59	Open
6	-3.67	0.19	0.28	Open

	brusciano con incrementi di piano			
7	47.63	0.97	3.45	Open
8	47.63	0.97	3.45	Open
13	-32.91	1.86	18.42	Open
14	-28.74	1.63	14.33	Open
15	4.86	0.25	0.48	Open
17	-10.59	0.54	2.03	Open
18	-24.93	1.28	9.90	Open
20	-13.66	1.55	22.48	Open
24	-0.16	0.06	0.09	Open

□

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Link Results at 2:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.05	0.01	0.00	Open
27	0.01	0.01	0.01	Open
29	-0.01	0.00	0.00	Open
1	-143.74	1.88	9.12	Open
10	139.85	1.98	10.43	Open
23	-4.23	0.84	8.80	Open
30	-0.02	0.00	0.00	Open
32	-0.21	0.03	0.02	Open
21	-12.10	0.89	6.21	Open
22	114.57	3.65	45.71	Open
28	198.49	2.06	9.41	Open
34	2.41	0.03	0.01	Open
40	159.89	2.26	13.36	Open
43	3.63	0.72	7.54	Open
50	-229.41	3.25	26.07	Open
53	114.57	3.65	45.71	Open
55	30.54	1.73	9.41	Open
56	8.33	1.06	10.43	Open
9	0.18	0.02	0.01	Open
12	0.17	0.02	0.01	Open
35	-8.62	0.49	1.54	Open
36	1.89	0.02	0.00	Open

Node Results at 3:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.10	69.91	24.10	0.00
2	0.46	65.65	34.62	0.00
3	0.87	65.56	35.49	0.00
4	0.94	59.79	30.32	0.00
6	0.69	62.89	29.31	0.00
7	0.38	65.30	31.96	0.00
9	0.43	53.95	25.35	0.00
10	0.77	55.44	27.38	0.00
12	0.11	47.90	21.57	0.00
13	0.38	47.91	21.41	0.00
14	0.07	47.03	20.03	0.00
15	0.88	53.93	24.65	0.00
21	0.90	53.31	22.91	0.00
22	0.00	57.36	26.33	0.00
23	0.32	59.10	24.85	0.00
24	0.13	59.69	22.26	0.00
26	0.32	48.13	19.43	0.00
28	0.85	59.73	30.26	0.00

□

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Node Results at 3:00 Hrs: (continued)

brusciano con incrementi di piano

Node ID	Demand LPS	Head m	Pressure m	Quality	
29	0.02	57.36	26.33	0.00	
30	0.06	65.25	31.91	0.00	
31	0.67	48.30	19.60	0.00	
32	0.08	55.44	27.38	0.00	
33	0.00	51.98	22.54	0.00	
34	0.30	49.93	22.93	0.00	
35	0.12	51.90	23.20	0.00	
36	0.22	51.88	23.52	0.00	
37	0.42	55.40	27.80	0.00	
38	0.07	47.05	20.05	0.00	
41	0.24	47.90	20.82	0.00	
43	0.14	47.40	20.40	0.00	
44	0.48	56.83	26.97	0.00	
5	0.07	59.05	24.67	0.00	
8	0.00	47.39	20.01	0.00	
17	0.00	47.05	20.80	0.00	
19	0.86	59.02	28.62	0.00	
20	0.85	56.99	27.31	0.00	
45	0.26	47.90	21.10	0.00	
46	0.02	47.89	19.69	0.00	
47	0.20	47.83	21.78	0.00	
48	0.02	47.05	19.77	0.00	
49	0.03	47.78	20.93	0.00	
50	0.05	47.05	19.75	0.00	
51	0.27	65.73	24.85	0.00	
16	0.14	75.76	26.76	0.00	
42	0.60	47.78	47.78	0.00	
25	-229.92	81.00	0.00	0.00	Reservoir
11	-12.32	56.40	0.00	0.00	Reservoir
18	227.45	47.00	0.00	0.00	Reservoir

Link Results at 3:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	81.15	1.15	3.81	Open
5	46.99	2.41	32.02	Open
11	4.69	0.93	10.68	Open
16	1.42	0.07	0.05	Open
19	-0.62	0.04	0.01	Open
31	-6.01	1.20	16.90	Open
33	-8.81	0.50	1.82	Open
37	-159.87	4.65	77.32	Open
38	-2.45	0.49	3.19	Open
39	-3.57	0.71	7.33	Open
41	48.04	2.72	37.11	Open

□

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Link Results at 3:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
42	47.37	0.96	3.41	Open
44	-9.63	1.23	13.62	Open
45	-1.85	0.56	5.96	Open
46	4.02	0.23	0.43	Open
47	160.41	4.67	77.81	Open
48	-27.64	1.56	15.15	Open
49	-27.98	0.53	1.06	Open
51	0.22	0.07	0.12	Open
52	-13.20	1.50	21.12	Open

brusciano con incrementi di piano

54	7.64	0.43	1.23	Open
57	-0.46	0.03	0.01	Open
62	-7.77	0.44	1.27	Open
65	-132.43	2.70	22.91	Open
66	172.84	3.52	37.51	Open
67	40.55	4.61	168.67	Open
68	138.62	1.96	10.26	Open
69	-42.93	2.21	27.08	Open
3	51.87	0.68	1.38	Open
4	3.59	0.71	6.50	Open
6	-3.66	0.19	0.28	Open
7	47.05	0.96	3.37	Open
8	47.05	0.96	3.37	Open
13	-32.81	1.86	18.31	Open
14	-28.82	1.63	14.41	Open
15	4.84	0.25	0.47	Open
17	-10.60	0.54	2.03	Open
18	-25.08	1.29	10.01	Open
20	-13.63	1.55	22.39	Open
24	-0.20	0.07	0.13	Open
25	0.00	0.00	0.00	Open
26	-0.07	0.01	0.00	Open
27	0.02	0.01	0.01	Open
29	-0.02	0.00	0.00	Open
1	-144.00	1.89	9.15	Open
10	140.16	1.98	10.47	Open
23	-4.25	0.85	8.88	Open
30	-0.03	0.00	0.00	Open
32	-0.26	0.03	0.03	Open
21	-12.32	0.91	6.42	Open
22	114.96	3.66	46.00	Open
28	199.14	2.07	9.47	Open
34	2.42	0.03	0.01	Open
40	159.59	2.26	13.31	Open
43	3.63	0.72	7.56	Open
50	-227.45	3.22	25.66	Open
53	114.96	3.66	46.00	Open
55	30.64	1.73	9.47	Open

□

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Link Results at 3:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
56	8.35	1.06	10.47	Open
9	0.22	0.03	0.01	Open
12	0.21	0.03	0.01	Open
35	-8.41	0.48	1.47	Open
36	1.93	0.02	0.00	Open

Node Results at 4:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.13	69.85	24.04	0.00
2	0.55	65.55	34.52	0.00
3	1.04	65.45	35.38	0.00
4	1.12	59.70	30.23	0.00
6	0.83	62.80	29.22	0.00
7	0.46	65.19	31.85	0.00
9	0.51	53.88	25.28	0.00
10	0.92	55.41	27.35	0.00
12	0.13	47.84	21.51	0.00
13	0.46	47.84	21.34	0.00
14	0.08	47.03	20.03	0.00

brusciano con incrementi di piano

15	1.05	53.86	24.58	0.00
21	1.08	53.20	22.80	0.00
22	0.00	57.24	26.21	0.00
23	0.38	58.96	24.71	0.00
24	0.15	59.55	22.12	0.00
26	0.38	48.10	19.40	0.00
28	1.02	59.63	30.16	0.00
29	0.03	57.24	26.21	0.00
30	0.07	65.13	31.79	0.00
31	0.80	48.27	19.57	0.00
32	0.10	55.41	27.35	0.00
33	0.00	51.93	22.49	0.00
34	0.35	49.90	22.90	0.00
35	0.14	51.85	23.15	0.00
36	0.27	51.82	23.46	0.00
37	0.51	55.28	27.68	0.00
38	0.09	47.05	20.05	0.00
41	0.29	47.83	20.75	0.00
43	0.17	47.40	20.40	0.00
44	0.58	56.70	26.84	0.00
5	0.08	58.91	24.53	0.00
8	0.00	47.38	20.00	0.00
17	0.00	47.05	20.80	0.00
19	1.03	58.88	28.48	0.00
20	1.02	56.86	27.18	0.00

□

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Node Results at 4:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
45	0.31	47.82	21.02	0.00
46	0.02	47.82	19.62	0.00
47	0.25	47.73	21.68	0.00
48	0.02	47.04	19.76	0.00
49	0.04	47.72	20.87	0.00
50	0.06	47.05	19.75	0.00
51	0.32	65.64	24.76	0.00
16	0.17	75.72	26.72	0.00
42	0.73	47.72	47.72	0.00
25	-230.69	81.00	0.00	0.00 Reservoir
11	-12.54	56.40	0.00	0.00 Reservoir
18	225.49	47.00	0.00	0.00 Reservoir

Link Results at 4:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	81.55	1.15	3.84	Open
5	46.95	2.41	31.97	Open
11	4.73	0.94	10.83	Open
16	1.36	0.07	0.05	Open
19	-0.75	0.04	0.02	Open
31	-6.00	1.19	16.82	Open
33	-8.85	0.50	1.84	Open
37	-159.38	4.64	76.89	Open
38	-2.46	0.49	3.23	Open
39	-3.57	0.71	7.30	Open
41	47.65	2.70	36.56	Open
42	46.85	0.95	3.34	Open
44	-9.65	1.23	13.68	Open
45	-1.87	0.56	6.10	Open
46	4.10	0.23	0.44	Open
47	159.69	4.65	77.16	Open
48	-27.54	1.56	15.05	Open

	brusciano con incrementi di piano			
49	-27.95	0.52	1.05	Open
51	0.27	0.08	0.17	Open
52	-13.09	1.49	20.78	Open
54	7.26	0.41	1.12	Open
57	-0.56	0.03	0.01	Open
62	-7.43	0.42	1.17	Open
65	-131.74	2.68	22.68	Open
66	171.84	3.50	37.11	Open
67	40.27	4.58	166.58	Open
68	138.70	1.96	10.27	Open
69	-42.74	2.20	26.86	Open
3	52.09	0.68	1.39	Open

□

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Link Results at 4:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
4	3.57	0.71	6.42	Open
6	-3.65	0.19	0.28	Open
7	46.47	0.95	3.29	Open
8	46.47	0.95	3.29	Open
13	-32.70	1.85	18.20	Open
14	-28.91	1.64	14.49	Open
15	4.82	0.25	0.47	Open
17	-10.62	0.55	2.04	Open
18	-25.24	1.30	10.13	Open
20	-13.60	1.55	22.30	Open
24	-0.25	0.09	0.18	Open
25	0.00	0.00	0.00	Open
26	-0.08	0.02	0.01	Open
27	0.02	0.02	0.02	Open
29	-0.02	0.00	0.00	Open
1	-144.26	1.89	9.18	Open
10	140.48	1.99	10.51	Open
23	-4.27	0.85	8.96	Open
30	-0.04	0.00	0.00	Open
32	-0.32	0.04	0.04	Open
21	-12.54	0.92	6.63	Open
22	115.35	3.67	46.28	Open
28	199.78	2.08	9.53	Open
34	2.43	0.03	0.01	Open
40	159.29	2.25	13.27	Open
43	3.64	0.72	7.58	Open
50	-225.49	3.19	25.25	Open
53	115.35	3.67	46.28	Open
55	30.74	1.74	9.53	Open
56	8.37	1.07	10.51	Open
9	0.26	0.03	0.02	Open
12	0.26	0.03	0.02	Open
35	-8.19	0.46	1.40	Open
36	1.97	0.02	0.00	Open

Node Results at 5:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.23	69.51	23.70	0.00
2	1.01	65.02	33.99	0.00
3	1.90	64.91	34.84	0.00
4	2.06	59.21	29.74	0.00
6	1.52	62.32	28.74	0.00
7	0.84	64.60	31.26	0.00
9	0.94	53.55	24.95	0.00

brusciano con incrementi di piano

□

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Node Results at 5:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
10	1.68	55.24	27.18	0.00	
12	0.24	47.53	21.20	0.00	
13	0.84	47.53	21.03	0.00	
14	0.15	47.02	20.02	0.00	
15	1.93	53.54	24.26	0.00	
21	1.99	52.70	22.30	0.00	
22	0.00	56.63	25.60	0.00	
23	0.70	58.24	23.99	0.00	
24	0.28	58.85	21.42	0.00	
26	0.70	47.98	19.28	0.00	
28	1.87	59.14	29.67	0.00	
29	0.05	56.63	25.60	0.00	
30	0.13	64.55	31.21	0.00	
31	1.47	48.13	19.43	0.00	
32	0.18	55.24	27.18	0.00	
33	0.00	51.69	22.25	0.00	
34	0.65	49.72	22.72	0.00	
35	0.26	51.61	22.91	0.00	
36	0.49	51.51	23.15	0.00	
37	0.94	54.66	27.06	0.00	
38	0.16	47.04	20.04	0.00	
41	0.54	47.52	20.44	0.00	
43	0.30	47.37	20.37	0.00	
44	1.06	56.05	26.19	0.00	
5	0.15	58.19	23.81	0.00	
8	0.00	47.34	19.96	0.00	
17	0.00	47.03	20.78	0.00	
19	1.88	58.17	27.77	0.00	
20	1.88	56.21	26.53	0.00	
45	0.57	47.49	20.69	0.00	
46	0.04	47.49	19.29	0.00	
47	0.45	47.21	21.16	0.00	
48	0.04	47.02	19.74	0.00	
49	0.07	47.44	20.59	0.00	
50	0.10	47.03	19.73	0.00	
51	0.58	65.22	24.34	0.00	
16	0.32	75.56	26.56	0.00	
42	1.33	47.44	47.44	0.00	
25	-234.53	81.00	0.00	0.00	Reservoir
11	-13.60	56.40	0.00	0.00	Reservoir
18	215.59	47.00	0.00	0.00	Reservoir

□

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Link Results at 5:00 Hrs:

Link ID	Flow LPS	velocityUnit m/s	Headloss m/km	Status
2	83.50	1.18	4.01	Open
5	46.74	2.40	31.70	Open
11	4.91	0.98	11.59	Open
16	1.04	0.05	0.03	Open
19	-1.37	0.08	0.05	Open
31	-5.91	1.18	16.39	Open
33	-9.00	0.51	1.90	Open
37	-156.92	4.57	74.71	Open
38	-2.53	0.50	3.39	Open
39	-3.53	0.70	7.17	Open
41	45.72	2.59	33.85	Open

	brusciano con incrementi di piano			
42	44.24	0.90	3.01	Open
44	-9.75	1.24	13.94	Open
45	-1.98	0.60	6.78	Open
46	4.51	0.25	0.53	Open
47	156.04	4.54	73.93	Open
48	-27.05	1.53	14.55	Open
49	-27.80	0.52	1.04	Open
51	0.49	0.15	0.51	Open
52	-12.50	1.42	19.09	Open
54	5.37	0.30	0.64	Open
57	-1.02	0.06	0.03	Open
62	-5.67	0.32	0.71	Open
65	-128.24	2.61	21.58	Open
66	166.84	3.40	35.13	Open
67	38.90	4.42	156.22	Open
68	139.10	1.97	10.32	Open
69	-41.79	2.15	25.76	Open
3	53.15	0.70	1.44	Open
4	3.44	0.68	6.00	Open
6	-3.59	0.18	0.27	Open
7	43.54	0.89	2.92	Open
8	43.54	0.89	2.92	Open
13	-32.17	1.82	17.65	Open
14	-29.34	1.66	14.89	Open
15	4.71	0.24	0.45	Open
17	-10.68	0.55	2.06	Open
18	-26.00	1.34	10.70	Open
20	-13.44	1.53	21.82	Open
24	-0.45	0.16	0.57	Open
25	0.00	0.00	0.00	Open
26	-0.14	0.03	0.02	Open
27	0.04	0.03	0.05	Open
29	-0.04	0.01	0.00	Open
1	-145.52	1.91	9.33	Open
10	142.02	2.01	10.73	Open
23	-4.37	0.87	9.37	Open

□

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Link Results at 5:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
30	-0.07	0.01	0.00	Open
32	-0.58	0.07	0.11	Open
21	-13.60	1.00	7.70	Open
22	117.26	3.73	47.72	Open
28	202.98	2.11	9.81	Open
34	2.48	0.04	0.01	Open
40	157.79	2.23	13.04	Open
43	3.66	0.73	7.67	Open
50	-215.59	3.05	23.24	Open
53	117.26	3.73	47.72	Open
55	31.23	1.77	9.81	Open
56	8.46	1.08	10.73	Open
9	0.48	0.06	0.06	Open
12	0.47	0.06	0.05	Open
35	-7.07	0.40	1.07	Open
36	2.17	0.02	0.00	Open

Node Results at 6:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.38	69.04	23.23	0.00
2	1.65	64.27	33.24	0.00

brusciano con incrementi di piano

3	3.11	64.17	34.10	0.00
4	3.37	58.53	29.06	0.00
6	2.48	61.67	28.09	0.00
7	1.38	63.78	30.44	0.00
9	1.54	53.10	24.50	0.00
10	2.75	55.02	26.96	0.00
12	0.40	47.20	20.87	0.00
13	1.37	47.22	20.72	0.00
14	0.25	47.02	20.02	0.00
15	3.16	53.09	23.81	0.00
21	3.25	52.01	21.61	0.00
22	0.00	55.79	24.76	0.00
23	1.15	57.25	23.00	0.00
24	0.46	57.88	20.45	0.00
26	1.15	47.81	19.11	0.00
28	3.06	58.47	29.00	0.00
29	0.08	55.79	24.76	0.00
30	0.22	63.73	30.39	0.00
31	2.41	47.94	19.24	0.00
32	0.30	55.02	26.96	0.00
33	0.00	51.36	21.92	0.00
34	1.06	49.48	22.48	0.00
35	0.43	51.28	22.58	0.00

□

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Node Results at 6:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
36	0.80	51.03	22.67	0.00	
37	1.53	53.82	26.22	0.00	
38	0.26	47.02	20.02	0.00	
41	0.88	47.18	20.10	0.00	
43	0.50	47.34	20.34	0.00	
44	1.74	55.15	25.29	0.00	
5	0.24	57.20	22.82	0.00	
8	0.00	47.28	19.90	0.00	
17	0.00	47.01	20.76	0.00	
19	3.08	57.18	26.78	0.00	
20	3.07	55.32	25.64	0.00	
45	0.94	47.11	20.31	0.00	
46	0.06	47.11	18.91	0.00	
47	0.74	46.40	20.35	0.00	
48	0.06	46.98	19.70	0.00	
49	0.11	47.16	20.31	0.00	
50	0.17	47.01	19.71	0.00	
51	0.95	64.63	23.75	0.00	
16	0.52	75.33	26.33	0.00	
42	2.18	47.16	47.16	0.00	
25	-239.77	81.00	0.00	0.00	Reservoir
11	-14.98	56.40	0.00	0.00	Reservoir
18	201.52	47.00	0.00	0.00	Reservoir

Link Results at 6:00 Hrs:

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
2	86.17	1.22	4.25	Open
5	46.42	2.39	31.30	Open
11	5.14	1.02	12.65	Open
16	0.58	0.03	0.01	Open
19	-2.24	0.13	0.13	Open
31	-5.79	1.15	15.76	Open
33	-9.20	0.52	1.97	Open
37	-153.46	4.46	71.68	Open

	brusciano con incrementi di piano			
38	-2.62	0.52	3.62	Open
39	-3.48	0.69	6.97	Open
41	42.93	2.43	30.13	Open
42	40.52	0.83	2.56	Open
44	-9.81	1.25	14.11	Open
45	-2.12	0.64	7.67	Open
46	5.07	0.29	0.66	Open
47	150.88	4.39	69.47	Open
48	-26.35	1.49	13.87	Open
49	-27.58	0.52	1.03	Open

□

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Link Results at 6:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
51	0.80	0.24	1.26	Open
52	-11.66	1.33	16.78	Open
54	2.65	0.15	0.17	Open
57	-1.67	0.09	0.07	Open
62	-3.14	0.18	0.24	Open
65	-123.30	2.51	20.07	Open
66	159.75	3.25	32.42	Open
67	36.95	4.20	142.04	Open
68	139.61	1.98	10.39	Open
69	-40.39	2.08	24.19	Open
3	54.61	0.72	1.52	Open
4	3.25	0.65	5.42	Open
6	-3.50	0.18	0.26	Open
7	39.37	0.80	2.42	Open
8	39.37	0.80	2.42	Open
13	-31.38	1.78	16.86	Open
14	-29.91	1.69	15.43	Open
15	4.55	0.23	0.42	Open
17	-10.75	0.55	2.08	Open
18	-27.01	1.39	11.48	Open
20	-13.19	1.50	21.09	Open
24	-0.74	0.26	1.41	Open
25	0.00	0.00	0.00	Open
26	-0.23	0.05	0.04	Open
27	0.06	0.05	0.12	Open
29	-0.06	0.01	0.00	Open
1	-147.24	1.93	9.53	Open
10	144.12	2.04	11.02	Open
23	-4.51	0.90	9.93	Open
30	-0.11	0.01	0.00	Open
32	-0.95	0.12	0.28	Open
21	-14.98	1.10	9.22	Open
22	119.88	3.82	49.71	Open
28	207.35	2.16	10.20	Open
34	2.54	0.04	0.01	Open
40	155.65	2.20	12.71	Open
43	3.69	0.74	7.79	Open
50	-201.52	2.85	20.51	Open
53	119.88	3.82	49.71	Open
55	31.90	1.81	10.20	Open
56	8.59	1.09	11.02	Open
9	0.79	0.10	0.15	Open
12	0.77	0.10	0.13	Open
35	-5.43	0.31	0.65	Open
36	2.42	0.03	0.00	Open

□

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Node Results at 7:00 Hrs:

brusciano con incrementi di piano

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.48	68.70	22.89	0.00
2	2.10	63.75	32.72	0.00
3	3.98	63.64	33.57	0.00
4	4.30	58.06	28.59	0.00
6	3.17	61.21	27.63	0.00
7	1.76	63.19	29.85	0.00
9	1.97	52.78	24.18	0.00
10	3.52	54.86	26.80	0.00
12	0.51	47.06	20.73	0.00
13	1.75	47.08	20.58	0.00
14	0.32	47.02	20.02	0.00
15	4.04	52.78	23.50	0.00
21	4.15	51.53	21.13	0.00
22	0.00	55.20	24.17	0.00
23	1.47	56.55	22.30	0.00
24	0.59	57.19	19.76	0.00
26	1.47	47.70	19.00	0.00
28	3.91	58.00	28.53	0.00
29	0.10	55.20	24.17	0.00
30	0.28	63.14	29.80	0.00
31	3.08	47.81	19.11	0.00
32	0.38	54.86	26.80	0.00
33	0.00	51.13	21.69	0.00
34	1.36	49.31	22.31	0.00
35	0.55	51.05	22.35	0.00
36	1.02	50.65	22.29	0.00
37	1.96	53.24	25.64	0.00
38	0.33	47.02	20.02	0.00
41	1.13	47.02	19.94	0.00
43	0.63	47.32	20.32	0.00
44	2.22	54.53	24.67	0.00
5	0.31	56.50	22.12	0.00
8	0.00	47.24	19.86	0.00
17	0.00	47.00	20.75	0.00
19	3.93	56.48	26.08	0.00
20	3.92	54.69	25.01	0.00
45	1.20	46.91	20.11	0.00
46	0.08	46.91	18.71	0.00
47	0.94	45.79	19.74	0.00
48	0.08	46.95	19.67	0.00
49	0.14	47.04	20.19	0.00
50	0.22	47.00	19.70	0.00
51	1.22	64.21	23.33	0.00
16	0.67	75.17	26.17	0.00
42	2.78	47.04	47.04	0.00
25	-243.42	81.00	0.00	0.00 Reservoir
11	-15.90	56.40	0.00	0.00 Reservoir

□

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Node Results at 7:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	191.30	47.00	0.00	0.00 Reservoir

Link Results at 7:00 Hrs:

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
2	88.03	1.25	4.42	Open
5	46.17	2.37	30.99	Open

	brusciano con incrementi di piano				
11	5.30	1.06	13.40	Open	
16	0.25	0.01	0.00	Open	
19	-2.87	0.16	0.20	Open	
31	-5.70	1.13	15.29	Open	
33	-9.33	0.53	2.03	Open	
37	-150.96	4.39	69.53	Open	
38	-2.68	0.53	3.78	Open	
39	-3.44	0.68	6.82	Open	
41	40.89	2.31	27.53	Open	
42	37.81	0.77	2.25	Open	
44	-9.79	1.25	14.06	Open	
45	-2.21	0.67	8.28	Open	
46	5.47	0.31	0.75	Open	
47	147.17	4.28	66.33	Open	
48	-25.85	1.46	13.38	Open	
49	-27.43	0.52	1.02	Open	
51	1.02	0.31	1.99	Open	
52	-11.05	1.26	15.18	Open	
54	0.64	0.04	0.01	Open	
57	-2.13	0.12	0.12	Open	
62	-1.27	0.07	0.04	Open	
65	-119.74	2.44	19.01	Open	
66	154.65	3.15	30.53	Open	
67	35.54	4.04	132.15	Open	
68	139.94	1.98	10.44	Open	
69	-39.34	2.02	23.04	Open	
3	55.63	0.73	1.57	Open	
4	3.12	0.62	5.01	Open	
6	-3.43	0.18	0.25	Open	
7	36.33	0.74	2.09	Open	
8	36.33	0.74	2.09	Open	
13	-30.79	1.74	16.28	Open	
14	-30.30	1.71	15.80	Open	
15	4.42	0.23	0.40	Open	
17	-10.77	0.55	2.09	Open	
18	-27.70	1.42	12.03	Open	
20	-13.00	1.48	20.52	Open	
24	-0.94	0.33	2.22	Open	

□

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Link Results at 7:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.30	0.06	0.07	Open
27	0.08	0.06	0.19	Open
29	-0.08	0.02	0.01	Open
1	-148.41	1.95	9.68	Open
10	145.57	2.06	11.23	Open
23	-4.61	0.92	10.32	Open
30	-0.14	0.02	0.01	Open
32	-1.21	0.15	0.44	Open
21	-15.90	1.17	10.30	Open
22	121.71	3.87	51.12	Open
28	210.39	2.19	10.48	Open
34	2.58	0.04	0.01	Open
40	154.11	2.18	12.48	Open
43	3.71	0.74	7.86	Open
50	-191.30	2.71	18.62	Open
53	121.71	3.87	51.12	Open
55	32.37	1.83	10.48	Open
56	8.67	1.10	11.23	Open
9	1.01	0.13	0.24	Open
12	0.99	0.13	0.20	Open
35	-4.19	0.24	0.41	Open

36 brusciano con incrementi di piano
 2.59 0.03 0.00 Open

Node Results at 8:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.71	67.98	22.17	0.00
2	3.11	62.61	31.58	0.00
3	5.88	62.49	32.42	0.00
4	6.36	57.05	27.58	0.00
6	4.69	60.22	26.64	0.00
7	2.60	61.90	28.56	0.00
9	2.91	52.12	23.52	0.00
10	5.20	54.49	26.43	0.00
12	0.75	46.85	20.52	0.00
13	2.58	46.89	20.39	0.00
14	0.48	47.01	20.01	0.00
15	5.97	52.12	22.84	0.00
21	6.14	50.53	20.13	0.00
22	0.00	53.93	22.90	0.00
23	2.18	55.04	20.79	0.00
24	0.87	55.72	18.29	0.00
26	2.18	47.48	18.78	0.00
28	5.78	56.99	27.52	0.00

□

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Node Results at 8:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
29	0.15	53.93	22.90	0.00
30	0.41	61.85	28.51	0.00
31	4.56	47.56	18.86	0.00
32	0.56	54.49	26.43	0.00
33	0.00	50.63	21.19	0.00
34	2.01	48.95	21.95	0.00
35	0.82	50.55	21.85	0.00
36	1.51	49.73	21.37	0.00
37	2.89	52.00	24.40	0.00
38	0.49	47.01	20.01	0.00
41	1.67	46.76	19.68	0.00
43	0.94	47.28	20.28	0.00
44	3.28	53.19	23.33	0.00
5	0.46	55.00	20.62	0.00
8	0.00	47.17	19.79	0.00
17	0.00	46.96	20.71	0.00
19	5.81	54.98	24.58	0.00
20	5.80	53.36	23.68	0.00
45	1.77	46.55	19.75	0.00
46	0.12	46.54	18.34	0.00
47	1.39	44.24	18.19	0.00
48	0.12	46.87	19.59	0.00
49	0.20	46.88	20.03	0.00
50	0.32	46.96	19.66	0.00
51	1.80	63.32	22.44	0.00
16	0.99	74.82	25.82	0.00
42	4.11	46.89	46.89	0.00
25	-251.18	81.00	0.00	0.00 Reservoir
11	-17.82	56.40	0.00	0.00 Reservoir
18	168.44	47.00	0.00	0.00 Reservoir

Link Results at 8:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
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brusciano con incrementi di piano

2	91.99	1.30	4.80	Open
5	45.57	2.34	30.24	Open
11	5.64	1.12	15.00	Open
16	-0.52	0.03	0.01	Open
19	-4.24	0.24	0.41	Open
31	-5.47	1.09	14.16	Open
33	-9.58	0.54	2.13	Open
37	-145.41	4.23	64.87	Open
38	-2.81	0.56	4.13	Open
39	-3.34	0.66	6.45	Open
41	36.23	2.05	22.00	Open

□

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Link Results at 8:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
42	31.67	0.65	1.62	Open
44	-9.67	1.23	13.75	Open
45	-2.38	0.72	9.51	Open
46	6.34	0.36	0.99	Open
47	138.92	4.04	59.61	Open
48	-24.75	1.40	12.35	Open
49	-27.08	0.51	0.99	Open
51	1.51	0.46	4.10	Open
52	-9.63	1.10	11.78	Open
54	-3.86	0.22	0.35	Open
57	-3.15	0.18	0.24	Open
62	2.92	0.17	0.21	Open
65	-111.84	2.28	16.75	Open
66	143.28	2.92	26.50	Open
67	32.38	3.68	111.19	Open
68	140.55	1.99	10.52	Open
69	-36.90	1.90	20.46	Open
3	57.80	0.76	1.69	Open
4	2.81	0.56	4.13	Open
6	-3.27	0.17	0.23	Open
7	29.49	0.60	1.42	Open
8	29.49	0.60	1.42	Open
13	-29.41	1.66	14.95	Open
14	-31.09	1.76	16.57	Open
15	4.13	0.21	0.36	Open
17	-10.77	0.55	2.09	Open
18	-29.09	1.50	13.17	Open
20	-12.52	1.42	19.15	Open
24	-1.39	0.49	4.58	Open
25	0.00	0.00	0.00	Open
26	-0.44	0.09	0.13	Open
27	0.12	0.09	0.39	Open
29	-0.12	0.02	0.01	Open
1	-150.88	1.98	9.97	Open
10	148.63	2.10	11.67	Open
23	-4.81	0.96	11.16	Open
30	-0.20	0.03	0.01	Open
32	-1.79	0.23	0.92	Open
21	-17.82	1.31	12.71	Open
22	125.59	4.00	54.18	Open
28	216.83	2.25	11.09	Open
34	2.66	0.04	0.01	Open
40	150.66	2.13	11.97	Open
43	3.74	0.74	7.98	Open
50	-168.44	2.38	14.71	Open
53	125.59	4.00	54.18	Open
55	33.36	1.89	11.09	Open

brusciano con incrementi di piano

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Link Results at 8:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
56	8.85	1.13	11.67	Open
9	1.49	0.19	0.49	Open
12	1.46	0.19	0.41	Open
35	-1.39	0.08	0.05	Open
36	2.94	0.03	0.00	Open

Node Results at 9:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.92	67.34	21.53	0.00
2	4.03	61.59	30.56	0.00
3	7.61	61.47	31.40	0.00
4	8.23	56.16	26.69	0.00
6	6.07	59.35	25.77	0.00
7	3.37	60.74	27.40	0.00
9	3.76	51.53	22.93	0.00
10	6.73	54.11	26.05	0.00
12	0.97	46.37	20.04	0.00
13	3.34	46.44	19.94	0.00
14	0.62	47.01	20.01	0.00
15	7.72	51.54	22.26	0.00
21	7.94	49.69	19.29	0.00
22	0.00	52.82	21.79	0.00
23	2.82	53.73	19.48	0.00
24	1.12	54.44	17.01	0.00
26	2.82	47.31	18.61	0.00
28	7.48	56.10	26.63	0.00
29	0.20	52.82	21.79	0.00
30	0.53	60.68	27.34	0.00
31	5.90	47.36	18.66	0.00
32	0.73	54.11	26.05	0.00
33	0.00	50.20	20.76	0.00
34	2.60	48.64	21.64	0.00
35	1.06	50.12	21.42	0.00
36	1.96	48.80	20.44	0.00
37	3.74	50.94	23.34	0.00
38	0.64	46.99	19.99	0.00
41	2.16	46.24	19.16	0.00
43	1.21	47.24	20.24	0.00
44	4.25	52.04	22.18	0.00
5	0.59	53.69	19.31	0.00
8	0.00	47.11	19.73	0.00
17	0.00	46.91	20.66	0.00
19	7.52	53.68	23.28	0.00
20	7.50	52.20	22.52	0.00

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Node Results at 9:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
45	2.29	45.89	19.09	0.00
46	0.15	45.88	17.68	0.00
47	1.80	42.17	16.12	0.00
48	0.15	46.77	19.49	0.00
49	0.26	46.43	19.58	0.00
50	0.42	46.91	19.61	0.00

brusciano con incrementi di piano				
51	2.33	62.52	21.64	0.00
16	1.28	74.51	25.51	0.00
42	5.32	46.45	46.45	0.00
25	-257.90	81.00	0.00	0.00 Reservoir
11	-19.67	56.40	0.00	0.00 Reservoir
18	147.44	47.00	0.00	0.00 Reservoir

Link Results at 9:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	95.44	1.35	5.14	Open
5	44.96	2.31	29.50	Open
11	5.91	1.18	16.39	Open
16	-1.27	0.07	0.04	Open
19	-5.48	0.31	0.67	Open
31	-5.23	1.04	13.05	Open
33	-9.77	0.55	2.21	Open
37	-140.33	4.08	60.74	Open
38	-2.92	0.58	4.43	Open
39	-3.23	0.64	6.08	Open
41	31.77	1.80	17.25	Open
42	25.87	0.53	1.11	Open
44	-9.72	1.24	13.86	Open
45	-2.49	0.75	10.33	Open
46	7.12	0.40	1.23	Open
47	131.33	3.82	53.73	Open
48	-23.74	1.34	11.43	Open
49	-26.75	0.50	0.97	Open
51	1.96	0.59	6.61	Open
52	-8.28	0.94	8.89	Open
54	-7.79	0.44	1.28	Open
57	-4.08	0.23	0.39	Open
62	6.58	0.37	0.94	Open
65	-104.58	2.13	14.79	Open
66	132.79	2.71	23.02	Open
67	29.42	3.35	93.13	Open
68	140.97	1.99	10.58	Open
69	-34.48	1.77	18.05	Open
3	59.69	0.78	1.79	Open

□

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Link Results at 9:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
4	2.51	0.50	3.35	Open
6	-3.10	0.16	0.21	Open
7	23.06	0.47	0.90	Open
8	23.06	0.47	0.90	Open
13	-28.04	1.59	13.69	Open
14	-31.72	1.79	17.20	Open
15	3.85	0.20	0.31	Open
17	-10.69	0.55	2.06	Open
18	-30.21	1.55	14.12	Open
20	-12.02	1.37	17.74	Open
24	-1.80	0.64	7.38	Open
25	0.00	0.00	0.00	Open
26	-0.57	0.11	0.22	Open
27	0.15	0.12	0.63	Open
29	-0.15	0.03	0.02	Open
1	-152.96	2.01	10.23	Open
10	151.25	2.14	12.05	Open
23	-4.97	0.99	11.89	Open
30	-0.26	0.03	0.02	Open

brusciano con incrementi di piano				
32	-2.32	0.30	1.48	Open
21	-19.67	1.45	15.26	Open
22	128.95	4.10	56.90	Open
28	222.41	2.31	11.62	Open
34	2.72	0.04	0.01	Open
40	147.49	2.09	11.51	Open
43	3.76	0.75	8.04	Open
50	-147.44	2.09	11.50	Open
53	128.95	4.10	56.90	Open
55	34.22	1.94	11.62	Open
56	9.01	1.15	12.05	Open
9	1.93	0.25	0.79	Open
12	1.89	0.24	0.67	Open
35	1.00	0.06	0.03	Open
36	3.22	0.03	0.00	Open

Node Results at 10:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	1.21	66.51	20.70	0.00
2	5.27	60.25	29.22	0.00
3	9.96	60.12	30.05	0.00
4	10.77	55.01	25.54	0.00
6	7.95	58.22	24.64	0.00
7	4.41	59.18	25.84	0.00
9	4.92	50.76	22.16	0.00

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Node Results at 10:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
10	8.81	53.50	25.44	0.00
12	1.27	45.31	18.98	0.00
13	4.38	45.43	18.93	0.00
14	0.81	47.01	20.01	0.00
15	10.11	50.80	21.52	0.00
21	10.40	48.68	18.28	0.00
22	0.00	51.41	20.38	0.00
23	3.69	52.05	17.80	0.00
24	1.47	52.79	15.36	0.00
26	3.69	47.12	18.42	0.00
28	9.79	54.95	25.48	0.00
29	0.26	51.41	20.38	0.00
30	0.69	59.12	25.78	0.00
31	7.72	47.15	18.45	0.00
32	0.95	53.50	25.44	0.00
33	0.00	49.65	20.21	0.00
34	3.40	48.25	21.25	0.00
35	1.38	49.58	20.88	0.00
36	2.56	47.40	19.04	0.00
37	4.90	49.64	22.04	0.00
38	0.84	46.94	19.94	0.00
41	2.82	45.09	18.01	0.00
43	1.58	47.19	20.19	0.00
44	5.56	50.59	20.73	0.00
5	0.78	52.02	17.64	0.00
8	0.00	47.05	19.67	0.00
17	0.00	46.82	20.57	0.00
19	9.85	52.01	21.61	0.00
20	9.82	50.75	21.07	0.00
45	3.00	44.52	17.72	0.00
46	0.20	44.50	16.30	0.00
47	2.36	38.39	12.34	0.00

	brusciano con incrementi di piano				
48	0.20	46.58	19.30	0.00	
49	0.35	45.44	18.59	0.00	
50	0.55	46.82	19.52	0.00	
51	3.05	61.49	20.61	0.00	
16	1.67	74.11	25.11	0.00	
42	6.97	45.47	45.47	0.00	
25	-266.50	81.00	0.00	0.00	Reservoir
11	-22.33	56.40	0.00	0.00	Reservoir
18	118.48	47.00	0.00	0.00	Reservoir

□

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Link Results at 10:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	99.85	1.41	5.59	Open
5	44.03	2.26	28.39	Open
11	6.24	1.24	18.11	Open
16	-2.35	0.12	0.12	Open
19	-7.18	0.41	1.10	Open
31	-4.86	0.97	11.38	Open
33	-9.95	0.56	2.28	Open
37	-133.40	3.88	55.30	Open
38	-3.04	0.61	4.78	Open
39	-3.07	0.61	5.53	Open
41	25.31	1.43	11.32	Open
42	17.59	0.36	0.54	Open
44	-9.99	1.27	14.59	Open
45	-2.58	0.78	11.00	Open
46	8.17	0.46	1.58	Open
47	120.94	3.52	46.12	Open
48	-22.37	1.27	10.24	Open
49	-26.31	0.49	0.94	Open
51	2.56	0.77	10.88	Open
52	-6.31	0.72	5.37	Open
54	-12.93	0.73	3.27	Open
57	-5.34	0.30	0.64	Open
62	11.35	0.64	2.56	Open
65	-94.63	1.93	12.29	Open
66	118.32	2.41	18.59	Open
67	25.27	2.87	70.29	Open
68	141.35	2.00	10.63	Open
69	-30.85	1.59	14.68	Open
3	62.17	0.82	1.93	Open
4	2.07	0.41	2.36	Open
6	-2.85	0.15	0.18	Open
7	13.90	0.28	0.35	Open
8	13.90	0.28	0.35	Open
13	-25.97	1.47	11.88	Open
14	-32.41	1.83	17.91	Open
15	3.41	0.18	0.25	Open
17	-10.43	0.54	1.97	Open
18	-31.45	1.62	15.22	Open
20	-11.20	1.27	15.57	Open
24	-2.36	0.84	12.15	Open
25	0.00	0.00	0.00	Open
26	-0.75	0.15	0.36	Open
27	0.20	0.16	1.04	Open
29	-0.20	0.04	0.04	Open
1	-155.54	2.04	10.55	Open
10	154.56	2.19	12.55	Open
23	-5.18	1.03	12.80	Open

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brusciano con incrementi di piano

Link Results at 10:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
30	-0.35	0.04	0.03	Open
32	-3.04	0.39	2.43	Open
21	-22.33	1.64	19.31	Open
22	133.25	4.24	60.46	Open
28	229.52	2.39	12.32	Open
34	2.78	0.04	0.01	Open
40	143.16	2.03	10.89	Open
43	3.76	0.75	8.05	Open
50	-118.48	1.68	7.67	Open
53	133.25	4.24	60.46	Open
55	35.31	2.00	12.32	Open
56	9.21	1.17	12.55	Open
9	2.52	0.32	1.29	Open
12	2.47	0.31	1.10	Open
35	4.03	0.23	0.38	Open
36	3.53	0.04	0.01	Open

Node Results at 11:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	1.01	67.09	21.28	0.00
2	4.39	61.19	30.16	0.00
3	8.30	61.06	30.99	0.00
4	8.98	55.81	26.34	0.00
6	6.62	59.01	25.43	0.00
7	3.67	60.27	26.93	0.00
9	4.10	51.30	22.70	0.00
10	7.34	53.94	25.88	0.00
12	1.06	46.10	19.77	0.00
13	3.65	46.19	19.69	0.00
14	0.67	47.01	20.01	0.00
15	8.42	51.32	22.04	0.00
21	8.66	49.38	18.98	0.00
22	0.00	52.39	21.36	0.00
23	3.07	53.22	18.97	0.00
24	1.22	53.94	16.51	0.00
26	3.07	47.25	18.55	0.00
28	8.16	55.75	26.28	0.00
29	0.22	52.40	21.37	0.00
30	0.58	60.22	26.88	0.00
31	6.43	47.29	18.59	0.00
32	0.79	53.94	25.88	0.00
33	0.00	50.03	20.59	0.00
34	2.83	48.52	21.52	0.00
35	1.15	49.96	21.26	0.00

□

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Node Results at 11:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
36	2.14	48.41	20.05	0.00
37	4.08	50.54	22.94	0.00
38	0.70	46.97	19.97	0.00
41	2.35	45.95	18.87	0.00
43	1.32	47.23	20.23	0.00
44	4.63	51.59	21.73	0.00
5	0.65	53.19	18.81	0.00
8	0.00	47.09	19.71	0.00

	brusciano con incrementi di piano				
17	0.00	46.89	20.64	0.00	
19	8.21	53.17	22.77	0.00	
20	8.18	51.76	22.08	0.00	
45	2.50	45.54	18.74	0.00	
46	0.17	45.52	17.32	0.00	
47	1.97	41.17	15.12	0.00	
48	0.17	46.72	19.44	0.00	
49	0.29	46.18	19.33	0.00	
50	0.46	46.89	19.59	0.00	
51	2.54	62.21	21.33	0.00	
16	1.39	74.39	25.39	0.00	
42	5.81	46.20	46.20	0.00	
25	-260.49	81.00	0.00	0.00	Reservoir
11	-20.44	56.40	0.00	0.00	Reservoir
18	138.97	47.00	0.00	0.00	Reservoir

Link Results at 11:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	96.77	1.37	5.27	Open
5	44.70	2.30	29.18	Open
11	6.02	1.20	16.91	Open
16	-1.58	0.08	0.06	Open
19	-5.98	0.34	0.78	Open
31	-5.13	1.02	12.58	Open
33	-9.83	0.56	2.23	Open
37	-138.29	4.02	59.11	Open
38	-2.96	0.59	4.54	Open
39	-3.19	0.63	5.92	Open
41	29.92	1.69	15.44	Open
42	23.49	0.48	0.93	Open
44	-9.78	1.24	14.02	Open
45	-2.52	0.76	10.58	Open
46	7.43	0.42	1.33	Open
47	128.28	3.73	51.44	Open
48	-23.34	1.32	11.07	Open
49	-26.62	0.50	0.96	Open

□

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Link Results at 11:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
51	2.14	0.64	7.76	Open
52	-7.71	0.88	7.80	Open
54	-9.33	0.53	1.78	Open
57	-4.45	0.25	0.45	Open
62	8.01	0.45	1.34	Open
65	-101.66	2.07	14.04	Open
66	128.56	2.62	21.68	Open
67	28.22	3.21	86.19	Open
68	141.11	2.00	10.60	Open
69	-33.46	1.72	17.07	Open
3	60.43	0.79	1.83	Open
4	2.39	0.47	3.05	Open
6	-3.03	0.16	0.20	Open
7	20.41	0.42	0.72	Open
8	20.41	0.42	0.72	Open
13	-27.46	1.55	13.17	Open
14	-31.94	1.81	17.43	Open
15	3.72	0.19	0.29	Open
17	-10.63	0.55	2.04	Open
18	-30.61	1.57	14.47	Open
20	-11.79	1.34	17.13	Open

brusciano con incrementi di piano				
24	-1.97	0.70	8.67	Open
25	0.00	0.00	0.00	Open
26	-0.62	0.12	0.25	Open
27	0.17	0.13	0.74	Open
29	-0.17	0.03	0.03	Open
1	-153.75	2.02	10.33	Open
10	152.26	2.15	12.20	Open
23	-5.04	1.00	12.17	Open
30	-0.29	0.04	0.02	Open
32	-2.53	0.32	1.74	Open
21	-20.44	1.50	16.38	Open
22	130.25	4.15	57.96	Open
28	224.56	2.33	11.83	Open
34	2.74	0.04	0.01	Open
40	146.22	2.07	11.32	Open
43	3.76	0.75	8.06	Open
50	-138.97	1.97	10.30	Open
53	130.25	4.15	57.96	Open
55	34.55	1.95	11.83	Open
56	9.07	1.15	12.20	Open
9	2.10	0.27	0.92	Open
12	2.06	0.26	0.78	Open
35	1.91	0.11	0.09	Open
36	3.32	0.03	0.00	Open

□

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Node Results at 12:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.84	67.60	21.79	0.00
2	3.66	61.99	30.96	0.00
3	6.92	61.87	31.80	0.00
4	7.48	56.51	27.04	0.00
6	5.52	59.70	26.12	0.00
7	3.06	61.20	27.86	0.00
9	3.42	51.76	23.16	0.00
10	6.12	54.27	26.21	0.00
12	0.88	46.59	20.26	0.00
13	3.04	46.66	20.16	0.00
14	0.56	47.01	20.01	0.00
15	7.02	51.77	22.49	0.00
21	7.22	50.02	19.62	0.00
22	0.00	53.26	22.23	0.00
23	2.56	54.25	20.00	0.00
24	1.02	54.94	17.51	0.00
26	2.56	47.37	18.67	0.00
28	6.80	56.45	26.98	0.00
29	0.18	53.26	22.23	0.00
30	0.48	61.15	27.81	0.00
31	5.36	47.44	18.74	0.00
32	0.66	54.27	26.21	0.00
33	0.00	50.37	20.93	0.00
34	2.36	48.76	21.76	0.00
35	0.96	50.29	21.59	0.00
36	1.78	49.19	20.83	0.00
37	3.40	51.36	23.76	0.00
38	0.58	47.00	20.00	0.00
41	1.96	46.48	19.40	0.00
43	1.10	47.26	20.26	0.00
44	3.86	52.49	22.63	0.00
5	0.54	54.21	19.83	0.00
8	0.00	47.13	19.75	0.00
17	0.00	46.94	20.69	0.00
19	6.84	54.19	23.79	0.00

	brusciano con incrementi di piano				
20	6.82	52.66	22.98	0.00	
45	2.08	46.19	19.39	0.00	
46	0.14	46.18	17.98	0.00	
47	1.64	43.07	17.02	0.00	
48	0.14	46.81	19.53	0.00	
49	0.24	46.64	19.79	0.00	
50	0.38	46.94	19.64	0.00	
51	2.12	62.84	21.96	0.00	
16	1.16	74.64	25.64	0.00	
42	4.84	46.66	46.66	0.00	
25	-255.25	81.00	0.00	0.00	Reservoir
11	-18.92	56.40	0.00	0.00	Reservoir

□

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Node Results at 12:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	155.86	47.00	0.00	0.00 Reservoir

Link Results at 12:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Headloss m/km	Status
2	94.08	1.33	5.00	Open
5	45.21	2.32	29.80	Open
11	5.81	1.16	15.84	Open
16	-0.97	0.05	0.02	Open
19	-4.98	0.28	0.56	Open
31	-5.33	1.06	13.51	Open
33	-9.70	0.55	2.18	Open
37	-142.36	4.14	62.38	Open
38	-2.88	0.57	4.31	Open
39	-3.27	0.65	6.23	Open
41	33.58	1.90	19.12	Open
42	28.22	0.57	1.31	Open
44	-9.68	1.23	13.77	Open
45	-2.45	0.74	10.04	Open
46	6.81	0.39	1.13	Open
47	134.38	3.91	56.05	Open
48	-24.14	1.37	11.79	Open
49	-26.88	0.50	0.98	Open
51	1.78	0.54	5.54	Open
52	-8.83	1.00	10.02	Open
54	-6.24	0.35	0.85	Open
57	-3.71	0.21	0.32	Open
62	5.14	0.29	0.59	Open
65	-107.49	2.19	15.56	Open
66	137.00	2.79	24.39	Open
67	30.61	3.48	100.23	Open
68	140.82	1.99	10.56	Open
69	-35.47	1.82	19.02	Open
3	58.94	0.77	1.75	Open
4	2.63	0.52	3.66	Open
6	-3.17	0.16	0.22	Open
7	25.66	0.52	1.10	Open
8	25.66	0.52	1.10	Open
13	-28.60	1.62	14.20	Open
14	-31.47	1.78	16.96	Open
15	3.96	0.20	0.33	Open
17	-10.73	0.55	2.08	Open
18	-29.78	1.53	13.76	Open
20	-12.23	1.39	18.32	Open
24	-1.64	0.58	6.19	Open

brusciano con incrementi di piano

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Link Results at 12:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.52	0.10	0.18	Open
27	0.14	0.11	0.53	Open
29	-0.14	0.03	0.02	Open
1	-152.14	2.00	10.13	Open
10	150.22	2.13	11.90	Open
23	-4.91	0.98	11.61	Open
30	-0.24	0.03	0.02	Open
32	-2.11	0.27	1.24	Open
21	-18.92	1.39	14.20	Open
22	127.62	4.06	55.82	Open
28	220.21	2.29	11.41	Open
34	2.70	0.04	0.01	Open
40	148.76	2.10	11.69	Open
43	3.75	0.75	8.02	Open
50	-155.86	2.21	12.74	Open
53	127.62	4.06	55.82	Open
55	33.88	1.92	11.41	Open
56	8.95	1.14	11.90	Open
9	1.75	0.22	0.66	Open
12	1.72	0.22	0.56	Open
35	0.06	0.00	0.00	Open
36	3.11	0.03	0.00	Open

Node Results at 13:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.71	67.98	22.17	0.00
2	3.11	62.61	31.58	0.00
3	5.88	62.49	32.42	0.00
4	6.36	57.05	27.58	0.00
6	4.69	60.22	26.64	0.00
7	2.60	61.90	28.56	0.00
9	2.91	52.12	23.52	0.00
10	5.20	54.49	26.43	0.00
12	0.75	46.85	20.52	0.00
13	2.58	46.89	20.39	0.00
14	0.48	47.01	20.01	0.00
15	5.97	52.12	22.84	0.00
21	6.14	50.53	20.13	0.00
22	0.00	53.93	22.90	0.00
23	2.18	55.04	20.79	0.00
24	0.87	55.72	18.29	0.00
26	2.18	47.48	18.78	0.00
28	5.78	56.99	27.52	0.00

□

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Node Results at 13:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
29	0.15	53.93	22.90	0.00
30	0.41	61.85	28.51	0.00
31	4.56	47.56	18.86	0.00
32	0.56	54.49	26.43	0.00
33	0.00	50.63	21.19	0.00
34	2.01	48.95	21.95	0.00

	brusciano con incrementi di piano				
35	0.82	50.55	21.85	0.00	
36	1.51	49.73	21.37	0.00	
37	2.89	52.00	24.40	0.00	
38	0.49	47.01	20.01	0.00	
41	1.67	46.76	19.68	0.00	
43	0.94	47.28	20.28	0.00	
44	3.28	53.19	23.33	0.00	
5	0.46	55.00	20.62	0.00	
8	0.00	47.17	19.79	0.00	
17	0.00	46.96	20.71	0.00	
19	5.81	54.98	24.58	0.00	
20	5.80	53.36	23.68	0.00	
45	1.77	46.55	19.75	0.00	
46	0.12	46.54	18.34	0.00	
47	1.39	44.24	18.19	0.00	
48	0.12	46.87	19.59	0.00	
49	0.20	46.88	20.03	0.00	
50	0.32	46.96	19.66	0.00	
51	1.80	63.32	22.44	0.00	
16	0.99	74.82	25.82	0.00	
42	4.11	46.89	46.89	0.00	
25	-251.18	81.00	0.00	0.00	Reservoir
11	-17.82	56.40	0.00	0.00	Reservoir
18	168.44	47.00	0.00	0.00	Reservoir

Link Results at 13:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	91.99	1.30	4.80	Open
5	45.57	2.34	30.24	Open
11	5.64	1.12	15.00	Open
16	-0.52	0.03	0.01	Open
19	-4.24	0.24	0.41	Open
31	-5.47	1.09	14.16	Open
33	-9.58	0.54	2.13	Open
37	-145.41	4.23	64.87	Open
38	-2.81	0.56	4.13	Open
39	-3.34	0.66	6.45	Open
41	36.23	2.05	22.00	Open

□

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Link Results at 13:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
42	31.67	0.65	1.62	Open
44	-9.67	1.23	13.75	Open
45	-2.38	0.72	9.51	Open
46	6.34	0.36	0.99	Open
47	138.92	4.04	59.61	Open
48	-24.75	1.40	12.35	Open
49	-27.08	0.51	0.99	Open
51	1.51	0.46	4.10	Open
52	-9.63	1.10	11.78	Open
54	-3.86	0.22	0.35	Open
57	-3.15	0.18	0.24	Open
62	2.92	0.17	0.21	Open
65	-111.84	2.28	16.75	Open
66	143.28	2.92	26.50	Open
67	32.38	3.68	111.19	Open
68	140.55	1.99	10.52	Open
69	-36.90	1.90	20.46	Open
3	57.80	0.76	1.69	Open
4	2.81	0.56	4.13	Open

brusciano con incrementi di piano				
6	-3.27	0.17	0.23	Open
7	29.49	0.60	1.42	Open
8	29.49	0.60	1.42	Open
13	-29.41	1.66	14.95	Open
14	-31.09	1.76	16.57	Open
15	4.13	0.21	0.36	Open
17	-10.77	0.55	2.09	Open
18	-29.09	1.50	13.17	Open
20	-12.52	1.42	19.15	Open
24	-1.39	0.49	4.58	Open
25	0.00	0.00	0.00	Open
26	-0.44	0.09	0.13	Open
27	0.12	0.09	0.39	Open
29	-0.12	0.02	0.01	Open
1	-150.88	1.98	9.97	Open
10	148.63	2.10	11.67	Open
23	-4.81	0.96	11.16	Open
30	-0.20	0.03	0.01	Open
32	-1.79	0.23	0.92	Open
21	-17.82	1.31	12.71	Open
22	125.59	4.00	54.18	Open
28	216.83	2.25	11.09	Open
34	2.66	0.04	0.01	Open
40	150.66	2.13	11.97	Open
43	3.74	0.74	7.98	Open
50	-168.44	2.38	14.71	Open
53	125.59	4.00	54.18	Open
55	33.36	1.89	11.09	Open

□

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Link Results at 13:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
56	8.85	1.13	11.67	Open
9	1.49	0.19	0.49	Open
12	1.46	0.19	0.41	Open
35	-1.39	0.08	0.05	Open
36	2.94	0.03	0.00	Open

Node Results at 14:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.63	68.24	22.43	0.00
2	2.75	63.02	31.99	0.00
3	5.19	62.91	32.84	0.00
4	5.61	57.41	27.94	0.00
6	4.14	60.58	27.00	0.00
7	2.30	62.37	29.03	0.00
9	2.56	52.36	23.76	0.00
10	4.59	54.63	26.57	0.00
12	0.66	46.96	20.63	0.00
13	2.28	46.99	20.49	0.00
14	0.42	47.02	20.02	0.00
15	5.26	52.36	23.08	0.00
21	5.41	50.89	20.49	0.00
22	0.00	54.39	23.36	0.00
23	1.92	55.58	21.33	0.00
24	0.77	56.25	18.82	0.00
26	1.92	47.56	18.86	0.00
28	5.10	57.35	27.88	0.00
29	0.14	54.39	23.36	0.00
30	0.36	62.32	28.98	0.00
31	4.02	47.65	18.95	0.00

	brusciano con incrementi di piano			
32	0.50	54.63	26.57	0.00
33	0.00	50.81	21.37	0.00
34	1.77	49.08	22.08	0.00
35	0.72	50.73	22.03	0.00
36	1.34	50.08	21.72	0.00
37	2.55	52.44	24.84	0.00
38	0.44	47.01	20.01	0.00
41	1.47	46.89	19.81	0.00
43	0.83	47.30	20.30	0.00
44	2.89	53.67	23.81	0.00
5	0.41	55.54	21.16	0.00
8	0.00	47.19	19.81	0.00
17	0.00	46.98	20.73	0.00
19	5.13	55.52	25.12	0.00
20	5.12	53.84	24.16	0.00

□

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Node Results at 14:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
45	1.56	46.72	19.92	0.00	
46	0.10	46.71	18.51	0.00	
47	1.23	44.89	18.84	0.00	
48	0.10	46.91	19.63	0.00	
49	0.18	46.98	20.13	0.00	
50	0.28	46.98	19.68	0.00	
51	1.59	63.64	22.76	0.00	
16	0.87	74.95	25.95	0.00	
42	3.63	46.98	46.98	0.00	
25	-248.40	81.00	0.00	0.00	Reservoir
11	-17.11	56.40	0.00	0.00	Reservoir
18	176.78	47.00	0.00	0.00	Reservoir

Link Results at 14:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	90.57	1.28	4.66	Open
5	45.80	2.35	30.53	Open
11	5.52	1.10	14.42	Open
16	-0.24	0.01	0.00	Open
19	-3.74	0.21	0.33	Open
31	-5.55	1.10	14.58	Open
33	-9.49	0.54	2.09	Open
37	-147.43	4.29	66.56	Open
38	-2.76	0.55	4.01	Open
39	-3.37	0.67	6.59	Open
41	37.95	2.15	23.98	Open
42	33.93	0.69	1.84	Open
44	-9.70	1.23	13.81	Open
45	-2.33	0.70	9.10	Open
46	6.03	0.34	0.90	Open
47	141.93	4.13	62.03	Open
48	-25.15	1.42	12.72	Open
49	-27.21	0.51	1.00	Open
51	1.34	0.40	3.25	Open
52	-10.16	1.16	12.99	Open
54	-2.24	0.13	0.13	Open
57	-2.78	0.16	0.19	Open
62	1.42	0.08	0.05	Open
65	-114.73	2.34	17.56	Open
66	147.44	3.00	27.94	Open
67	33.54	3.81	118.68	Open
68	140.34	1.99	10.49	Open

brusciano con incrementi di piano

69	-37.81	1.94	21.41	Open
3	57.02	0.75	1.65	Open

□

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Link Results at 14:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
4	2.92	0.58	4.45	Open
6	-3.33	0.17	0.24	Open
7	32.01	0.65	1.65	Open
8	32.01	0.65	1.65	Open
13	-29.92	1.69	15.44	Open
14	-30.81	1.74	16.30	Open
15	4.24	0.22	0.37	Open
17	-10.78	0.55	2.10	Open
18	-28.60	1.47	12.77	Open
20	-12.71	1.45	19.67	Open
24	-1.23	0.44	3.63	Open
25	0.00	0.00	0.00	Open
26	-0.39	0.08	0.11	Open
27	0.10	0.08	0.31	Open
29	-0.10	0.02	0.01	Open
1	-150.00	1.97	9.87	Open
10	147.54	2.09	11.51	Open
23	-4.74	0.94	10.86	Open
30	-0.18	0.02	0.01	Open
32	-1.58	0.20	0.73	Open
21	-17.11	1.26	11.79	Open
22	124.20	3.95	53.08	Open
28	214.53	2.23	10.87	Open
34	2.63	0.04	0.01	Open
40	151.92	2.15	12.15	Open
43	3.73	0.74	7.95	Open
50	-176.78	2.50	16.09	Open
53	124.20	3.95	53.08	Open
55	33.00	1.87	10.87	Open
56	8.79	1.12	11.51	Open
9	1.31	0.17	0.39	Open
12	1.29	0.16	0.33	Open
35	-2.39	0.14	0.14	Open
36	2.82	0.03	0.00	Open

Node Results at 15:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.55	68.51	22.70	0.00
2	2.38	63.44	32.41	0.00
3	4.50	63.32	33.25	0.00
4	4.86	57.78	28.31	0.00
6	3.59	60.94	27.36	0.00
7	1.99	62.84	29.50	0.00
9	2.22	52.60	24.00	0.00

□

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Node Results at 15:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
10	3.98	54.76	26.70	0.00
12	0.57	47.01	20.68	0.00
13	1.98	47.04	20.54	0.00

	brusciano con incrementi di piano				
14	0.36	47.02	20.02	0.00	
15	4.56	52.60	23.32	0.00	
21	4.69	51.25	20.85	0.00	
22	0.00	54.85	23.82	0.00	
23	1.66	56.13	21.88	0.00	
24	0.66	56.79	19.36	0.00	
26	1.66	47.64	18.94	0.00	
28	4.42	57.72	28.25	0.00	
29	0.12	54.85	23.82	0.00	
30	0.31	62.79	29.45	0.00	
31	3.48	47.74	19.04	0.00	
32	0.43	54.76	26.70	0.00	
33	0.00	50.99	21.55	0.00	
34	1.53	49.21	22.21	0.00	
35	0.62	50.91	22.21	0.00	
36	1.16	50.41	22.05	0.00	
37	2.21	52.89	25.29	0.00	
38	0.38	47.02	20.02	0.00	
41	1.27	46.96	19.88	0.00	
43	0.71	47.31	20.31	0.00	
44	2.51	54.16	24.30	0.00	
5	0.35	56.09	21.71	0.00	
8	0.00	47.22	19.84	0.00	
17	0.00	46.99	20.74	0.00	
19	4.45	56.07	25.67	0.00	
20	4.43	54.32	24.64	0.00	
45	1.35	46.83	20.03	0.00	
46	0.09	46.83	18.63	0.00	
47	1.07	45.43	19.38	0.00	
48	0.09	46.94	19.66	0.00	
49	0.16	47.01	20.16	0.00	
50	0.25	46.99	19.69	0.00	
51	1.38	63.97	23.09	0.00	
16	0.75	75.08	26.08	0.00	
42	3.15	47.02	47.02	0.00	
25	-245.57	81.00	0.00	0.00	Reservoir
11	-16.42	56.40	0.00	0.00	Reservoir
18	185.10	47.00	0.00	0.00	Reservoir

□

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Link Results at 15:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	89.13	1.26	4.53	Open
5	46.02	2.36	30.80	Open
11	5.40	1.07	13.84	Open
16	0.04	0.00	0.00	Open
19	-3.24	0.18	0.25	Open
31	-5.64	1.12	14.99	Open
33	-9.40	0.53	2.06	Open
37	-149.45	4.35	68.25	Open
38	-2.72	0.54	3.88	Open
39	-3.41	0.68	6.72	Open
41	39.64	2.24	26.00	Open
42	36.16	0.74	2.07	Open
44	-9.75	1.24	13.96	Open
45	-2.26	0.68	8.64	Open
46	5.71	0.32	0.82	Open
47	144.93	4.22	64.48	Open
48	-25.55	1.45	13.10	Open
49	-27.33	0.51	1.01	Open
51	1.16	0.35	2.49	Open
52	-10.67	1.21	14.23	Open
54	-0.59	0.03	0.01	Open

	brusciano con incrementi di piano			
57	-2.41	0.14	0.15	Open
62	-0.12	0.01	0.00	Open
65	-117.60	2.40	18.38	Open
66	151.57	3.09	29.41	Open
67	34.69	3.95	126.33	Open
68	140.12	1.98	10.46	Open
69	-38.70	1.99	22.34	Open
3	56.23	0.74	1.60	Open
4	3.04	0.60	4.77	Open
6	-3.39	0.17	0.25	Open
7	34.49	0.70	1.90	Open
8	34.49	0.70	1.90	Open
13	-30.42	1.72	15.93	Open
14	-30.52	1.73	16.02	Open
15	4.35	0.22	0.39	Open
17	-10.78	0.55	2.10	Open
18	-28.09	1.44	12.35	Open
20	-12.88	1.46	20.16	Open
24	-1.07	0.38	2.79	Open
25	0.00	0.00	0.00	Open
26	-0.34	0.07	0.08	Open
27	0.09	0.07	0.24	Open
29	-0.09	0.02	0.01	Open
1	-149.10	1.96	9.76	Open
10	146.42	2.07	11.35	Open
23	-4.66	0.93	10.55	Open

□

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Link Results at 15:00 Hrs: (continued)

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
30	-0.16	0.02	0.01	Open
32	-1.37	0.17	0.56	Open
21	-16.42	1.21	10.93	Open
22	122.79	3.91	51.96	Open
28	212.18	2.21	10.65	Open
34	2.60	0.04	0.01	Open
40	153.18	2.17	12.34	Open
43	3.72	0.74	7.90	Open
50	-185.10	2.62	17.52	Open
53	122.79	3.91	51.96	Open
55	32.64	1.85	10.65	Open
56	8.72	1.11	11.35	Open
9	1.14	0.14	0.30	Open
12	1.12	0.14	0.25	Open
35	-3.42	0.19	0.28	Open
36	2.69	0.03	0.00	Open

Node Results at 16:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.65	68.18	22.37	0.00
2	2.84	62.92	31.89	0.00
3	5.36	62.80	32.73	0.00
4	5.80	57.32	27.85	0.00
6	4.28	60.49	26.91	0.00
7	2.37	62.25	28.91	0.00
9	2.65	52.30	23.70	0.00
10	4.74	54.60	26.54	0.00
12	0.68	46.93	20.60	0.00
13	2.36	46.97	20.47	0.00
14	0.43	47.02	20.02	0.00
15	5.44	52.30	23.02	0.00

	brusciano con incrementi di piano			
21	5.60	50.80	20.40	0.00
22	0.00	54.27	23.24	0.00
23	1.98	55.45	21.20	0.00
24	0.79	56.12	18.69	0.00
26	1.98	47.54	18.84	0.00
28	5.27	57.26	27.79	0.00
29	0.14	54.27	23.24	0.00
30	0.37	62.20	28.86	0.00
31	4.15	47.63	18.93	0.00
32	0.51	54.60	26.54	0.00
33	0.00	50.76	21.32	0.00
34	1.83	49.04	22.04	0.00
35	0.74	50.68	21.98	0.00

□

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Node Results at 16:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
36	1.38	49.99	21.63	0.00	
37	2.63	52.33	24.73	0.00	
38	0.45	47.01	20.01	0.00	
41	1.52	46.86	19.78	0.00	
43	0.85	47.29	20.29	0.00	
44	2.99	53.55	23.69	0.00	
5	0.42	55.41	21.03	0.00	
8	0.00	47.19	19.81	0.00	
17	0.00	46.97	20.72	0.00	
19	5.30	55.39	24.99	0.00	
20	5.29	53.72	24.04	0.00	
45	1.61	46.68	19.88	0.00	
46	0.11	46.68	18.48	0.00	
47	1.27	44.74	18.69	0.00	
48	0.11	46.90	19.62	0.00	
49	0.19	46.96	20.11	0.00	
50	0.29	46.97	19.67	0.00	
51	1.64	63.56	22.68	0.00	
16	0.90	74.92	25.92	0.00	
42	3.75	46.96	46.96	0.00	
25	-249.10	81.00	0.00	0.00	Reservoir
11	-17.28	56.40	0.00	0.00	Reservoir
18	174.70	47.00	0.00	0.00	Reservoir

Link Results at 16:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Headloss m/km	Status
2	90.93	1.29	4.70	Open
5	45.74	2.35	30.46	Open
11	5.55	1.10	14.57	Open
16	-0.31	0.02	0.00	Open
19	-3.86	0.22	0.35	Open
31	-5.53	1.10	14.48	Open
33	-9.51	0.54	2.10	Open
37	-146.93	4.27	66.13	Open
38	-2.78	0.55	4.04	Open
39	-3.36	0.67	6.55	Open
41	37.52	2.12	23.48	Open
42	33.37	0.68	1.78	Open
44	-9.69	1.23	13.79	Open
45	-2.34	0.71	9.20	Open
46	6.11	0.35	0.93	Open
47	141.18	4.11	61.42	Open
48	-25.05	1.42	12.63	Open
49	-27.17	0.51	1.00	Open

brusciano con incrementi di piano

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Link Results at 16:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
51	1.38	0.42	3.46	Open
52	-10.03	1.14	12.68	Open
54	-2.65	0.15	0.17	Open
57	-2.88	0.16	0.20	Open
62	1.80	0.10	0.08	Open
65	-114.01	2.32	17.36	Open
66	146.40	2.98	27.58	Open
67	33.25	3.78	116.80	Open
68	140.39	1.99	10.50	Open
69	-37.59	1.93	21.17	Open
3	57.21	0.75	1.66	Open
4	2.90	0.58	4.37	Open
6	-3.31	0.17	0.24	Open
7	31.38	0.64	1.59	Open
8	31.38	0.64	1.59	Open
13	-29.80	1.69	15.32	Open
14	-30.88	1.75	16.37	Open
15	4.22	0.22	0.37	Open
17	-10.78	0.55	2.10	Open
18	-28.73	1.48	12.87	Open
20	-12.66	1.44	19.54	Open
24	-1.27	0.45	3.86	Open
25	0.00	0.00	0.00	Open
26	-0.40	0.08	0.11	Open
27	0.11	0.09	0.33	Open
29	-0.11	0.02	0.01	Open
1	-150.22	1.97	9.89	Open
10	147.81	2.09	11.55	Open
23	-4.75	0.95	10.94	Open
30	-0.19	0.02	0.01	Open
32	-1.63	0.21	0.77	Open
21	-17.28	1.27	12.01	Open
22	124.55	3.96	53.35	Open
28	215.11	2.24	10.92	Open
34	2.64	0.04	0.01	Open
40	151.61	2.14	12.11	Open
43	3.74	0.74	7.95	Open
50	-174.70	2.47	15.74	Open
53	124.55	3.96	53.35	Open
55	33.09	1.87	10.92	Open
56	8.81	1.12	11.55	Open
9	1.36	0.17	0.41	Open
12	1.33	0.17	0.35	Open
35	-2.14	0.12	0.12	Open
36	2.85	0.03	0.00	Open

□

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Node Results at 17:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.42	68.90	23.09	0.00
2	1.83	64.06	33.03	0.00
3	3.46	63.96	33.89	0.00
4	3.74	58.34	28.87	0.00
6	2.76	61.49	27.91	0.00
7	1.53	63.55	30.21	0.00

brusciano con incrementi di piano				
9	1.71	52.97	24.37	0.00
10	3.06	54.95	26.89	0.00
12	0.44	47.13	20.80	0.00
13	1.52	47.15	20.65	0.00
14	0.28	47.02	20.02	0.00
15	3.51	52.97	23.69	0.00
21	3.61	51.82	21.42	0.00
22	0.00	55.55	24.52	0.00
23	1.28	56.97	22.72	0.00
24	0.51	57.60	20.17	0.00
26	1.28	47.77	19.07	0.00
28	3.40	58.28	28.81	0.00
29	0.09	55.55	24.52	0.00
30	0.24	63.49	30.15	0.00
31	2.68	47.89	19.19	0.00
32	0.33	54.95	26.89	0.00
33	0.00	51.26	21.82	0.00
34	1.18	49.41	22.41	0.00
35	0.48	51.18	22.48	0.00
36	0.89	50.88	22.52	0.00
37	1.70	53.59	25.99	0.00
38	0.29	47.02	20.02	0.00
41	0.98	47.10	20.02	0.00
43	0.55	47.34	20.34	0.00
44	1.93	54.90	25.04	0.00
5	0.27	56.92	22.54	0.00
8	0.00	47.26	19.88	0.00
17	0.00	47.00	20.75	0.00
19	3.42	56.90	26.50	0.00
20	3.41	55.07	25.39	0.00
45	1.04	47.02	20.22	0.00
46	0.07	47.02	18.82	0.00
47	0.82	46.16	20.11	0.00
48	0.07	46.97	19.69	0.00
49	0.12	47.10	20.25	0.00
50	0.19	47.00	19.70	0.00
51	1.06	64.46	23.58	0.00
16	0.58	75.27	26.27	0.00
42	2.42	47.10	47.10	0.00
25	-241.24	81.00	0.00	0.00 Reservoir
11	-15.36	56.40	0.00	0.00 Reservoir

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Node Results at 17:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	197.45	47.00	0.00	0.00 Reservoir

Link Results at 17:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Headloss m/km	Status
2	86.92	1.23	4.32	Open
5	46.32	2.38	31.18	Open
11	5.21	1.04	12.95	Open
16	0.45	0.02	0.01	Open
19	-2.49	0.14	0.15	Open
31	-5.75	1.14	15.57	Open
33	-9.25	0.52	1.99	Open
37	-152.46	4.44	70.82	Open
38	-2.64	0.53	3.69	Open
39	-3.46	0.69	6.91	Open
41	42.12	2.38	29.09	Open
42	39.44	0.80	2.43	Open

brusciano con incrementi di piano				
44	-9.81	1.25	14.11	Open
45	-2.16	0.65	7.92	Open
46	5.23	0.30	0.69	Open
47	149.40	4.35	68.21	Open
48	-26.15	1.48	13.67	Open
49	-27.52	0.52	1.02	Open
51	0.89	0.27	1.53	Open
52	-11.42	1.30	16.14	Open
54	1.85	0.10	0.09	Open
57	-1.86	0.10	0.09	Open
62	-2.40	0.14	0.14	Open
65	-121.88	2.48	19.64	Open
66	157.72	3.21	31.66	Open
67	36.39	4.14	138.06	Open
68	139.74	1.98	10.41	Open
69	-39.98	2.05	23.73	Open
3	55.02	0.72	1.54	Open
4	3.20	0.64	5.26	Open
6	-3.47	0.18	0.26	Open
7	38.16	0.78	2.29	Open
8	38.16	0.78	2.29	Open
13	-31.15	1.76	16.63	Open
14	-30.07	1.70	15.58	Open
15	4.50	0.23	0.42	Open
17	-10.76	0.55	2.09	Open
18	-27.29	1.40	11.70	Open
20	-13.12	1.49	20.87	Open
24	-0.82	0.29	1.71	Open

□

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Link Results at 17:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.26	0.05	0.05	Open
27	0.07	0.06	0.15	Open
29	-0.07	0.01	0.01	Open
1	-147.71	1.94	9.59	Open
10	144.70	2.05	11.11	Open
23	-4.55	0.91	10.09	Open
30	-0.12	0.02	0.00	Open
32	-1.05	0.13	0.34	Open
21	-15.36	1.13	9.65	Open
22	120.62	3.84	50.28	Open
28	208.57	2.17	10.32	Open
34	2.55	0.04	0.01	Open
40	155.04	2.19	12.62	Open
43	3.70	0.74	7.82	Open
50	-197.45	2.79	19.75	Open
53	120.62	3.84	50.28	Open
55	32.09	1.82	10.32	Open
56	8.62	1.10	11.11	Open
9	0.88	0.11	0.18	Open
12	0.86	0.11	0.15	Open
35	-4.94	0.28	0.55	Open
36	2.49	0.03	0.00	Open

Node Results at 18:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.19	69.64	23.83	0.00
2	0.82	65.23	34.20	0.00
3	1.56	65.13	35.06	0.00

brusciano con incrementi di piano

4	1.68	59.40	29.93	0.00
6	1.24	62.51	28.93	0.00
7	0.69	64.84	31.50	0.00
9	0.77	53.68	25.08	0.00
10	1.38	55.31	27.25	0.00
12	0.20	47.64	21.31	0.00
13	0.68	47.65	21.15	0.00
14	0.13	47.02	20.02	0.00
15	1.58	53.67	24.39	0.00
21	1.62	52.90	22.50	0.00
22	0.00	56.88	25.85	0.00
23	0.58	58.53	24.28	0.00
24	0.23	59.13	21.70	0.00
26	0.58	48.03	19.33	0.00
28	1.53	59.34	29.87	0.00

□

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Node Results at 18:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality	
29	0.04	56.88	25.85	0.00	
30	0.11	64.78	31.44	0.00	
31	1.21	48.18	19.48	0.00	
32	0.15	55.31	27.25	0.00	
33	0.00	51.79	22.35	0.00	
34	0.53	49.79	22.79	0.00	
35	0.22	51.71	23.01	0.00	
36	0.40	51.64	23.28	0.00	
37	0.77	54.91	27.31	0.00	
38	0.13	47.04	20.04	0.00	
41	0.44	47.64	20.56	0.00	
43	0.25	47.38	20.38	0.00	
44	0.87	56.31	26.45	0.00	
5	0.12	58.48	24.10	0.00	
8	0.00	47.35	19.97	0.00	
17	0.00	47.04	20.79	0.00	
19	1.54	58.45	28.05	0.00	
20	1.53	56.47	26.79	0.00	
45	0.47	47.62	20.82	0.00	
46	0.03	47.62	19.42	0.00	
47	0.37	47.42	21.37	0.00	
48	0.03	47.03	19.75	0.00	
49	0.05	47.55	20.70	0.00	
50	0.09	47.04	19.74	0.00	
51	0.48	65.39	24.51	0.00	
16	0.26	75.63	26.63	0.00	
42	1.09	47.55	47.55	0.00	
25	-233.00	81.00	0.00	0.00	Reservoir
11	-13.18	56.40	0.00	0.00	Reservoir
18	219.57	47.00	0.00	0.00	Reservoir

Link Results at 18:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	82.72	1.17	3.94	Open
5	46.83	2.41	31.81	Open
11	4.84	0.96	11.29	Open
16	1.17	0.06	0.03	Open
19	-1.12	0.06	0.04	Open
31	-5.95	1.18	16.56	Open
33	-8.94	0.51	1.87	Open
37	-157.91	4.59	75.58	Open
38	-2.50	0.50	3.32	Open

brusciano con incrementi di piano

39	-3.55	0.71	7.22	Open
41	46.50	2.63	34.93	Open

□

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Link Results at 18:00 Hrs: (continued)

Link ID	Flow LPS	VelocityUnit m/s	Headloss m/km	Status
42	45.29	0.92	3.14	Open
44	-9.71	1.24	13.85	Open
45	-1.94	0.59	6.51	Open
46	4.34	0.25	0.49	Open
47	157.50	4.58	75.22	Open
48	-27.24	1.54	14.75	Open
49	-27.86	0.52	1.05	Open
51	0.40	0.12	0.35	Open
52	-12.74	1.45	19.76	Open
54	6.13	0.35	0.82	Open
57	-0.83	0.05	0.02	Open
62	-6.38	0.36	0.88	Open
65	-129.64	2.64	22.02	Open
66	168.85	3.44	35.92	Open
67	39.45	4.49	160.34	Open
68	138.94	1.97	10.30	Open
69	-42.17	2.17	26.20	Open
3	52.73	0.69	1.42	Open
4	3.49	0.69	6.17	Open
6	-3.61	0.19	0.28	Open
7	44.71	0.91	3.07	Open
8	44.71	0.91	3.07	Open
13	-32.38	1.83	17.88	Open
14	-29.17	1.65	14.73	Open
15	4.75	0.24	0.46	Open
17	-10.66	0.55	2.05	Open
18	-25.70	1.32	10.47	Open
20	-13.50	1.54	22.02	Open
24	-0.37	0.13	0.39	Open
25	0.00	0.00	0.00	Open
26	-0.12	0.02	0.01	Open
27	0.03	0.03	0.03	Open
29	-0.03	0.01	0.00	Open
1	-145.02	1.90	9.27	Open
10	141.41	2.00	10.64	Open
23	-4.33	0.86	9.21	Open
30	-0.05	0.01	0.00	Open
32	-0.47	0.06	0.08	Open
21	-13.18	0.97	7.27	Open
22	116.50	3.71	47.14	Open
28	201.71	2.10	9.70	Open
34	2.46	0.03	0.01	Open
40	158.39	2.24	13.13	Open
43	3.65	0.73	7.64	Open
50	-219.57	3.11	24.04	Open
53	116.50	3.71	47.14	Open
55	31.03	1.76	9.70	Open

□

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Link Results at 18:00 Hrs: (continued)

Link ID	Flow LPS	VelocityUnit m/s	Headloss m/km	Status
56	8.42	1.07	10.64	Open
9	0.39	0.05	0.04	Open
12	0.39	0.05	0.04	Open

brusciano con incrementi di piano

35	-7.52	0.43	1.20	Open
36	2.09	0.02	0.00	Open

Node Results at 19:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.17	69.71	23.90	0.00
2	0.73	65.33	34.30	0.00
3	1.38	65.23	35.16	0.00
4	1.50	59.50	30.03	0.00
6	1.10	62.61	29.03	0.00
7	0.61	64.95	31.61	0.00
9	0.68	53.75	25.15	0.00
10	1.22	55.34	27.28	0.00
12	0.18	47.71	21.38	0.00
13	0.61	47.71	21.21	0.00
14	0.11	47.02	20.02	0.00
15	1.40	53.73	24.45	0.00
21	1.44	53.00	22.60	0.00
22	0.00	57.00	25.97	0.00
23	0.51	58.67	24.42	0.00
24	0.20	59.27	21.84	0.00
26	0.51	48.05	19.35	0.00
28	1.36	59.43	29.96	0.00
29	0.04	57.00	25.97	0.00
30	0.10	64.90	31.56	0.00
31	1.07	48.21	19.51	0.00
32	0.13	55.34	27.28	0.00
33	0.00	51.84	22.40	0.00
34	0.47	49.82	22.82	0.00
35	0.19	51.75	23.05	0.00
36	0.36	51.70	23.34	0.00
37	0.68	55.03	27.43	0.00
38	0.12	47.04	20.04	0.00
41	0.39	47.70	20.62	0.00
43	0.22	47.39	20.39	0.00
44	0.77	56.44	26.58	0.00
5	0.11	58.62	24.24	0.00
8	0.00	47.36	19.98	0.00
17	0.00	47.04	20.79	0.00
19	1.37	58.59	28.19	0.00
20	1.36	56.60	26.92	0.00

□

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Node Results at 19:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
45	0.42	47.69	20.89	0.00
46	0.03	47.68	19.48	0.00
47	0.33	47.53	21.48	0.00
48	0.03	47.03	19.75	0.00
49	0.05	47.60	20.75	0.00
50	0.08	47.04	19.74	0.00
51	0.42	65.47	24.59	0.00
16	0.23	75.66	26.66	0.00
42	0.97	47.60	47.60	0.00
25	-232.24	81.00	0.00	0.00 Reservoir
11	-12.97	56.40	0.00	0.00 Reservoir
18	221.55	47.00	0.00	0.00 Reservoir

Link Results at 19:00 Hrs:

Link	Flow	Velocity	Unit Headloss	Status
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ID	brusciano con incrementi di piano			
	LPS	m/s	m/km	
2	82.33	1.16	3.91	Open
5	46.87	2.41	31.86	Open
11	4.80	0.96	11.14	Open
16	1.24	0.06	0.04	Open
19	-1.00	0.06	0.03	Open
31	-5.97	1.19	16.65	Open
33	-8.91	0.50	1.86	Open
37	-158.40	4.61	76.01	Open
38	-2.49	0.49	3.29	Open
39	-3.55	0.71	7.25	Open
41	46.88	2.65	35.47	Open
42	45.81	0.93	3.21	Open
44	-9.69	1.23	13.80	Open
45	-1.92	0.58	6.37	Open
46	4.26	0.24	0.47	Open
47	158.23	4.60	75.86	Open
48	-27.34	1.55	14.85	Open
49	-27.89	0.52	1.05	Open
51	0.36	0.11	0.28	Open
52	-12.86	1.46	20.10	Open
54	6.51	0.37	0.92	Open
57	-0.74	0.04	0.02	Open
62	-6.73	0.38	0.97	Open
65	-130.34	2.66	22.24	Open
66	169.85	3.46	36.32	Open
67	39.73	4.52	162.41	Open
68	138.86	1.96	10.29	Open
69	-42.36	2.18	26.42	Open
3	52.52	0.69	1.41	Open

□

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Link Results at 19:00 Hrs: (continued)

Link ID	Flow LPS	VelocityUnit m/s	Headloss m/km	Status
6	-3.62	0.19	0.28	Open
7	45.30	0.92	3.14	Open
8	45.30	0.92	3.14	Open
13	-32.49	1.84	17.98	Open
14	-29.08	1.65	14.65	Open
15	4.77	0.25	0.46	Open
17	-10.65	0.55	2.05	Open
18	-25.55	1.31	10.36	Open
20	-13.54	1.54	22.11	Open
24	-0.33	0.12	0.31	Open
25	0.00	0.00	0.00	Open
26	-0.10	0.02	0.01	Open
27	0.03	0.02	0.03	Open
29	-0.03	0.01	0.00	Open
1	-144.77	1.90	9.24	Open
10	141.10	2.00	10.60	Open
23	-4.31	0.86	9.13	Open
30	-0.05	0.01	0.00	Open
32	-0.42	0.05	0.06	Open
21	-12.97	0.95	7.06	Open
22	116.12	3.70	46.86	Open
28	201.07	2.09	9.64	Open
34	2.45	0.03	0.01	Open
40	158.69	2.25	13.18	Open
43	3.65	0.73	7.62	Open
50	-221.55	3.13	24.44	Open
53	116.12	3.70	46.86	Open
55	30.93	1.75	9.64	Open

	brusciano con incrementi di piano			
56	8.41	1.07	10.60	Open
9	0.35	0.04	0.03	Open
12	0.34	0.04	0.03	Open
35	-7.75	0.44	1.26	Open
36	2.05	0.02	0.00	Open

Node Results at 20:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.15	69.78	23.97	0.00
2	0.64	65.44	34.41	0.00
3	1.21	65.34	35.27	0.00
4	1.31	59.60	30.13	0.00
6	0.97	62.70	29.12	0.00
7	0.54	65.07	31.73	0.00
9	0.60	53.81	25.21	0.00

□

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Node Results at 20:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
10	1.07	55.37	27.31	0.00
12	0.15	47.77	21.44	0.00
13	0.53	47.77	21.27	0.00
14	0.10	47.02	20.02	0.00
15	1.23	53.80	24.52	0.00
21	1.26	53.10	22.70	0.00
22	0.00	57.12	26.09	0.00
23	0.45	58.81	24.56	0.00
24	0.18	59.41	21.98	0.00
26	0.45	48.08	19.38	0.00
28	1.19	59.53	30.06	0.00
29	0.03	57.12	26.09	0.00
30	0.08	65.02	31.68	0.00
31	0.94	48.24	19.54	0.00
32	0.12	55.37	27.31	0.00
33	0.00	51.88	22.44	0.00
34	0.41	49.86	22.86	0.00
35	0.17	51.80	23.10	0.00
36	0.31	51.76	23.40	0.00
37	0.59	55.15	27.55	0.00
38	0.10	47.05	20.05	0.00
41	0.34	47.77	20.69	0.00
43	0.19	47.39	20.39	0.00
44	0.68	56.57	26.71	0.00
5	0.09	58.77	24.39	0.00
8	0.00	47.37	19.99	0.00
17	0.00	47.04	20.79	0.00
19	1.20	58.74	28.34	0.00
20	1.19	56.73	27.05	0.00
45	0.36	47.75	20.95	0.00
46	0.02	47.75	19.55	0.00
47	0.29	47.63	21.58	0.00
48	0.02	47.04	19.76	0.00
49	0.04	47.66	20.81	0.00
50	0.07	47.04	19.74	0.00
51	0.37	65.56	24.68	0.00
16	0.20	75.69	26.69	0.00
42	0.85	47.66	47.66	0.00
25	-231.47	81.00	0.00	0.00 Reservoir
11	-12.76	56.40	0.00	0.00 Reservoir
18	223.52	47.00	0.00	0.00 Reservoir

brusciano con incrementi di piano

□

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Link Results at 20:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	81.94	1.16	3.87	Open
5	46.91	2.41	31.91	Open
11	4.77	0.95	10.98	Open
16	1.30	0.07	0.04	Open
19	-0.87	0.05	0.02	Open
31	-5.98	1.19	16.73	Open
33	-8.88	0.50	1.85	Open
37	-158.89	4.62	76.45	Open
38	-2.47	0.49	3.26	Open
39	-3.56	0.71	7.28	Open
41	47.27	2.67	36.02	Open
42	46.33	0.94	3.28	Open
44	-9.67	1.23	13.75	Open
45	-1.90	0.57	6.24	Open
46	4.18	0.24	0.46	Open
47	158.96	4.62	76.51	Open
48	-27.44	1.55	14.95	Open
49	-27.92	0.52	1.05	Open
51	0.31	0.09	0.22	Open
52	-12.97	1.48	20.44	Open
54	6.89	0.39	1.02	Open
57	-0.65	0.04	0.01	Open
62	-7.08	0.40	1.07	Open
65	-131.04	2.67	22.46	Open
66	170.85	3.48	36.71	Open
67	40.00	4.55	164.49	Open
68	138.78	1.96	10.28	Open
69	-42.55	2.19	26.64	Open
3	52.30	0.69	1.40	Open
4	3.54	0.70	6.34	Open
6	-3.63	0.19	0.28	Open
7	45.88	0.93	3.22	Open
8	45.88	0.93	3.22	Open
13	-32.60	1.84	18.09	Open
14	-29.00	1.64	14.57	Open
15	4.79	0.25	0.47	Open
17	-10.63	0.55	2.04	Open
18	-25.39	1.31	10.24	Open
20	-13.57	1.54	22.21	Open
24	-0.29	0.10	0.25	Open
25	0.00	0.00	0.00	Open
26	-0.09	0.02	0.01	Open
27	0.02	0.02	0.02	Open
29	-0.02	0.00	0.00	Open
1	-144.51	1.90	9.21	Open
10	140.79	1.99	10.56	Open
23	-4.29	0.85	9.04	Open

□

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Link Results at 20:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
30	-0.04	0.01	0.00	Open
32	-0.37	0.05	0.05	Open
21	-12.76	0.94	6.84	Open
22	115.73	3.68	46.57	Open
28	200.43	2.08	9.58	Open

brusciano con incrementi di piano				
34	2.44	0.03	0.01	Open
40	158.99	2.25	13.22	Open
43	3.64	0.73	7.60	Open
50	-223.52	3.16	24.84	Open
53	115.73	3.68	46.57	Open
55	30.83	1.74	9.58	Open
56	8.39	1.07	10.56	Open
9	0.31	0.04	0.03	Open
12	0.30	0.04	0.02	Open
35	-7.97	0.45	1.33	Open
36	2.01	0.02	0.00	Open

Node Results at 21:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.15	69.78	23.97	0.00
2	0.64	65.44	34.41	0.00
3	1.21	65.34	35.27	0.00
4	1.31	59.60	30.13	0.00
6	0.97	62.70	29.12	0.00
7	0.54	65.07	31.73	0.00
9	0.60	53.81	25.21	0.00
10	1.07	55.37	27.31	0.00
12	0.15	47.77	21.44	0.00
13	0.53	47.77	21.27	0.00
14	0.10	47.02	20.02	0.00
15	1.23	53.80	24.52	0.00
21	1.26	53.10	22.70	0.00
22	0.00	57.12	26.09	0.00
23	0.45	58.81	24.56	0.00
24	0.18	59.41	21.98	0.00
26	0.45	48.08	19.38	0.00
28	1.19	59.53	30.06	0.00
29	0.03	57.12	26.09	0.00
30	0.08	65.02	31.68	0.00
31	0.94	48.24	19.54	0.00
32	0.12	55.37	27.31	0.00
33	0.00	51.88	22.44	0.00
34	0.41	49.86	22.86	0.00
35	0.17	51.80	23.10	0.00

□

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Node Results at 21:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
36	0.31	51.76	23.40	0.00
37	0.59	55.15	27.55	0.00
38	0.10	47.05	20.05	0.00
41	0.34	47.77	20.69	0.00
43	0.19	47.39	20.39	0.00
44	0.68	56.57	26.71	0.00
5	0.09	58.77	24.39	0.00
8	0.00	47.37	19.99	0.00
17	0.00	47.04	20.79	0.00
19	1.20	58.74	28.34	0.00
20	1.19	56.73	27.05	0.00
45	0.36	47.75	20.95	0.00
46	0.02	47.75	19.55	0.00
47	0.29	47.63	21.58	0.00
48	0.02	47.04	19.76	0.00
49	0.04	47.66	20.81	0.00
50	0.07	47.04	19.74	0.00
51	0.37	65.56	24.68	0.00

	brusciano con incrementi di piano				
16	0.20	75.69	26.69	0.00	
42	0.85	47.66	47.66	0.00	
25	-231.47	81.00	0.00	0.00	Reservoir
11	-12.76	56.40	0.00	0.00	Reservoir
18	223.52	47.00	0.00	0.00	Reservoir

Link Results at 21:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	81.94	1.16	3.87	Open
5	46.91	2.41	31.91	Open
11	4.77	0.95	10.98	Open
16	1.30	0.07	0.04	Open
19	-0.87	0.05	0.02	Open
31	-5.98	1.19	16.73	Open
33	-8.88	0.50	1.85	Open
37	-158.89	4.62	76.45	Open
38	-2.47	0.49	3.26	Open
39	-3.56	0.71	7.28	Open
41	47.27	2.67	36.02	Open
42	46.33	0.94	3.28	Open
44	-9.67	1.23	13.75	Open
45	-1.90	0.57	6.24	Open
46	4.18	0.24	0.46	Open
47	158.96	4.62	76.51	Open
48	-27.44	1.55	14.95	Open
49	-27.92	0.52	1.05	Open

□

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Link Results at 21:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
51	0.31	0.09	0.22	Open
52	-12.97	1.48	20.44	Open
54	6.89	0.39	1.02	Open
57	-0.65	0.04	0.01	Open
62	-7.08	0.40	1.07	Open
65	-131.04	2.67	22.46	Open
66	170.85	3.48	36.71	Open
67	40.00	4.55	164.49	Open
68	138.78	1.96	10.28	Open
69	-42.55	2.19	26.64	Open
3	52.30	0.69	1.40	Open
4	3.54	0.70	6.34	Open
6	-3.63	0.19	0.28	Open
7	45.88	0.93	3.22	Open
8	45.88	0.93	3.22	Open
13	-32.60	1.84	18.09	Open
14	-29.00	1.64	14.57	Open
15	4.79	0.25	0.47	Open
17	-10.63	0.55	2.04	Open
18	-25.39	1.31	10.24	Open
20	-13.57	1.54	22.21	Open
24	-0.29	0.10	0.25	Open
25	0.00	0.00	0.00	Open
26	-0.09	0.02	0.01	Open
27	0.02	0.02	0.02	Open
29	-0.02	0.00	0.00	Open
1	-144.51	1.90	9.21	Open
10	140.79	1.99	10.56	Open
23	-4.29	0.85	9.04	Open
30	-0.04	0.01	0.00	Open
32	-0.37	0.05	0.05	Open

	brusciano con incrementi di piano			
21	-12.76	0.94	6.84	Open
22	115.73	3.68	46.57	Open
28	200.43	2.08	9.58	Open
34	2.44	0.03	0.01	Open
40	158.99	2.25	13.22	Open
43	3.64	0.73	7.60	Open
50	-223.52	3.16	24.84	Open
53	115.73	3.68	46.57	Open
55	30.83	1.74	9.58	Open
56	8.39	1.07	10.56	Open
9	0.31	0.04	0.03	Open
12	0.30	0.04	0.02	Open
35	-7.97	0.45	1.33	Open
36	2.01	0.02	0.00	Open

□

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Node Results at 22:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.10	69.91	24.10	0.00
2	0.46	65.65	34.62	0.00
3	0.87	65.56	35.49	0.00
4	0.94	59.79	30.32	0.00
6	0.69	62.89	29.31	0.00
7	0.38	65.30	31.96	0.00
9	0.43	53.95	25.35	0.00
10	0.77	55.44	27.38	0.00
12	0.11	47.90	21.57	0.00
13	0.38	47.91	21.41	0.00
14	0.07	47.03	20.03	0.00
15	0.88	53.93	24.65	0.00
21	0.90	53.31	22.91	0.00
22	0.00	57.36	26.33	0.00
23	0.32	59.10	24.85	0.00
24	0.13	59.69	22.26	0.00
26	0.32	48.13	19.43	0.00
28	0.85	59.73	30.26	0.00
29	0.02	57.36	26.33	0.00
30	0.06	65.25	31.91	0.00
31	0.67	48.30	19.60	0.00
32	0.08	55.44	27.38	0.00
33	0.00	51.98	22.54	0.00
34	0.30	49.93	22.93	0.00
35	0.12	51.90	23.20	0.00
36	0.22	51.88	23.52	0.00
37	0.42	55.40	27.80	0.00
38	0.07	47.05	20.05	0.00
41	0.24	47.90	20.82	0.00
43	0.14	47.40	20.40	0.00
44	0.48	56.83	26.97	0.00
5	0.07	59.05	24.67	0.00
8	0.00	47.39	20.01	0.00
17	0.00	47.05	20.80	0.00
19	0.86	59.02	28.62	0.00
20	0.85	56.99	27.31	0.00
45	0.26	47.90	21.10	0.00
46	0.02	47.89	19.69	0.00
47	0.20	47.83	21.78	0.00
48	0.02	47.05	19.77	0.00
49	0.03	47.78	20.93	0.00
50	0.05	47.05	19.75	0.00
51	0.27	65.73	24.85	0.00
16	0.14	75.76	26.76	0.00
42	0.60	47.78	47.78	0.00

brusciano con incrementi di piano

25	-229.92	81.00	0.00	0.00	Reservoir
11	-12.32	56.40	0.00	0.00	Reservoir

□

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Node Results at 22:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
18	227.45	47.00	0.00	0.00 Reservoir

Link Results at 22:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	81.15	1.15	3.81	Open
5	46.99	2.41	32.02	Open
11	4.69	0.93	10.68	Open
16	1.42	0.07	0.05	Open
19	-0.62	0.04	0.01	Open
31	-6.01	1.20	16.90	Open
33	-8.81	0.50	1.82	Open
37	-159.87	4.65	77.32	Open
38	-2.45	0.49	3.19	Open
39	-3.57	0.71	7.33	Open
41	48.04	2.72	37.11	Open
42	47.37	0.96	3.41	Open
44	-9.63	1.23	13.62	Open
45	-1.85	0.56	5.96	Open
46	4.02	0.23	0.43	Open
47	160.41	4.67	77.81	Open
48	-27.64	1.56	15.15	Open
49	-27.98	0.53	1.06	Open
51	0.22	0.07	0.12	Open
52	-13.20	1.50	21.12	Open
54	7.64	0.43	1.23	Open
57	-0.46	0.03	0.01	Open
62	-7.77	0.44	1.27	Open
65	-132.43	2.70	22.91	Open
66	172.84	3.52	37.51	Open
67	40.55	4.61	168.67	Open
68	138.62	1.96	10.26	Open
69	-42.93	2.21	27.08	Open
3	51.87	0.68	1.38	Open
4	3.59	0.71	6.50	Open
6	-3.66	0.19	0.28	Open
7	47.05	0.96	3.37	Open
8	47.05	0.96	3.37	Open
13	-32.81	1.86	18.31	Open
14	-28.82	1.63	14.41	Open
15	4.84	0.25	0.47	Open
17	-10.60	0.54	2.03	Open
18	-25.08	1.29	10.01	Open
20	-13.63	1.55	22.39	Open
24	-0.20	0.07	0.13	Open

□

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Link Results at 22:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
25	0.00	0.00	0.00	Open
26	-0.07	0.01	0.00	Open
27	0.02	0.01	0.01	Open

brusciano con incrementi di piano				
29	-0.02	0.00	0.00	Open
1	-144.00	1.89	9.15	Open
10	140.16	1.98	10.47	Open
23	-4.25	0.85	8.88	Open
30	-0.03	0.00	0.00	Open
32	-0.26	0.03	0.03	Open
21	-12.32	0.91	6.42	Open
22	114.96	3.66	46.00	Open
28	199.14	2.07	9.47	Open
34	2.42	0.03	0.01	Open
40	159.59	2.26	13.31	Open
43	3.63	0.72	7.56	Open
50	-227.45	3.22	25.66	Open
53	114.96	3.66	46.00	Open
55	30.64	1.73	9.47	Open
56	8.35	1.06	10.47	Open
9	0.22	0.03	0.01	Open
12	0.21	0.03	0.01	Open
35	-8.41	0.48	1.47	Open
36	1.93	0.02	0.00	Open

Node Results at 23:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.10	69.91	24.10	0.00
2	0.46	65.65	34.62	0.00
3	0.87	65.56	35.49	0.00
4	0.94	59.79	30.32	0.00
6	0.69	62.89	29.31	0.00
7	0.38	65.30	31.96	0.00
9	0.43	53.95	25.35	0.00
10	0.77	55.44	27.38	0.00
12	0.11	47.90	21.57	0.00
13	0.38	47.91	21.41	0.00
14	0.07	47.03	20.03	0.00
15	0.88	53.93	24.65	0.00
21	0.90	53.31	22.91	0.00
22	0.00	57.36	26.33	0.00
23	0.32	59.10	24.85	0.00
24	0.13	59.69	22.26	0.00
26	0.32	48.13	19.43	0.00
28	0.85	59.73	30.26	0.00

□

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Node Results at 23:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
29	0.02	57.36	26.33	0.00
30	0.06	65.25	31.91	0.00
31	0.67	48.30	19.60	0.00
32	0.08	55.44	27.38	0.00
33	0.00	51.98	22.54	0.00
34	0.30	49.93	22.93	0.00
35	0.12	51.90	23.20	0.00
36	0.22	51.88	23.52	0.00
37	0.42	55.40	27.80	0.00
38	0.07	47.05	20.05	0.00
41	0.24	47.90	20.82	0.00
43	0.14	47.40	20.40	0.00
44	0.48	56.83	26.97	0.00
5	0.07	59.05	24.67	0.00
8	0.00	47.39	20.01	0.00
17	0.00	47.05	20.80	0.00

brusciano con incrementi di piano				
19	0.86	59.02	28.62	0.00
20	0.85	56.99	27.31	0.00
45	0.26	47.90	21.10	0.00
46	0.02	47.89	19.69	0.00
47	0.20	47.83	21.78	0.00
48	0.02	47.05	19.77	0.00
49	0.03	47.78	20.93	0.00
50	0.05	47.05	19.75	0.00
51	0.27	65.73	24.85	0.00
16	0.14	75.76	26.76	0.00
42	0.60	47.78	47.78	0.00
25	-229.92	81.00	0.00	0.00 Reservoir
11	-12.32	56.40	0.00	0.00 Reservoir
18	227.45	47.00	0.00	0.00 Reservoir

Link Results at 23:00 Hrs:

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
2	81.15	1.15	3.81	Open
5	46.99	2.41	32.02	Open
11	4.69	0.93	10.68	Open
16	1.42	0.07	0.05	Open
19	-0.62	0.04	0.01	Open
31	-6.01	1.20	16.90	Open
33	-8.81	0.50	1.82	Open
37	-159.87	4.65	77.32	Open
38	-2.45	0.49	3.19	Open
39	-3.57	0.71	7.33	Open
41	48.04	2.72	37.11	Open

□

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Link Results at 23:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
42	47.37	0.96	3.41	Open
44	-9.63	1.23	13.62	Open
45	-1.85	0.56	5.96	Open
46	4.02	0.23	0.43	Open
47	160.41	4.67	77.81	Open
48	-27.64	1.56	15.15	Open
49	-27.98	0.53	1.06	Open
51	0.22	0.07	0.12	Open
52	-13.20	1.50	21.12	Open
54	7.64	0.43	1.23	Open
57	-0.46	0.03	0.01	Open
62	-7.77	0.44	1.27	Open
65	-132.43	2.70	22.91	Open
66	172.84	3.52	37.51	Open
67	40.55	4.61	168.67	Open
68	138.62	1.96	10.26	Open
69	-42.93	2.21	27.08	Open
3	51.87	0.68	1.38	Open
4	3.59	0.71	6.50	Open
6	-3.66	0.19	0.28	Open
7	47.05	0.96	3.37	Open
8	47.05	0.96	3.37	Open
13	-32.81	1.86	18.31	Open
14	-28.82	1.63	14.41	Open
15	4.84	0.25	0.47	Open
17	-10.60	0.54	2.03	Open
18	-25.08	1.29	10.01	Open
20	-13.63	1.55	22.39	Open
24	-0.20	0.07	0.13	Open

	brusciano con incrementi di piano				
25	0.00	0.00	0.00	Open	
26	-0.07	0.01	0.00	Open	
27	0.02	0.01	0.01	Open	
29	-0.02	0.00	0.00	Open	
1	-144.00	1.89	9.15	Open	
10	140.16	1.98	10.47	Open	
23	-4.25	0.85	8.88	Open	
30	-0.03	0.00	0.00	Open	
32	-0.26	0.03	0.03	Open	
21	-12.32	0.91	6.42	Open	
22	114.96	3.66	46.00	Open	
28	199.14	2.07	9.47	Open	
34	2.42	0.03	0.01	Open	
40	159.59	2.26	13.31	Open	
43	3.63	0.72	7.56	Open	
50	-227.45	3.22	25.66	Open	
53	114.96	3.66	46.00	Open	
55	30.64	1.73	9.47	Open	

□

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Link Results at 23:00 Hrs: (continued)

Link ID	Flow LPS	Velocity m/s	Unit Headloss m/km	Status
56	8.35	1.06	10.47	Open
9	0.22	0.03	0.01	Open
12	0.21	0.03	0.01	Open
35	-8.41	0.48	1.47	Open
36	1.93	0.02	0.00	Open

Node Results at 24:00 Hrs:

Node ID	Demand LPS	Head m	Pressure m	Quality
1	0.06	70.05	24.24	0.00
2	0.27	65.87	34.84	0.00
3	0.52	65.77	35.70	0.00
4	0.56	59.99	30.52	0.00
6	0.41	63.08	29.50	0.00
7	0.23	65.54	32.20	0.00
9	0.26	54.08	25.48	0.00
10	0.46	55.50	27.44	0.00
12	0.07	48.05	21.72	0.00
13	0.23	48.05	21.55	0.00
14	0.04	47.03	20.03	0.00
15	0.53	54.06	24.78	0.00
21	0.54	53.51	23.11	0.00
22	0.00	57.61	26.58	0.00
23	0.19	59.39	25.14	0.00
24	0.08	59.97	22.54	0.00
26	0.19	48.18	19.48	0.00
28	0.51	59.92	30.45	0.00
29	0.01	57.61	26.58	0.00
30	0.04	65.48	32.14	0.00
31	0.40	48.36	19.66	0.00
32	0.05	55.50	27.44	0.00
33	0.00	52.08	22.64	0.00
34	0.18	50.00	23.00	0.00
35	0.07	52.00	23.30	0.00
36	0.13	51.99	23.63	0.00
37	0.25	55.65	28.05	0.00
38	0.04	47.06	20.06	0.00
41	0.15	48.05	20.97	0.00
43	0.08	47.41	20.41	0.00
44	0.29	57.09	27.23	0.00

brusciano con incrementi di piano

5	0.04	59.34	24.96	0.00
8	0.00	47.40	20.02	0.00
17	0.00	47.06	20.81	0.00
19	0.51	59.31	28.91	0.00
20	0.51	57.25	27.57	0.00

□

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Node Results at 24:00 Hrs: (continued)

Node ID	Demand LPS	Head m	Pressure m	Quality
45	0.16	48.04	21.24	0.00
46	0.01	48.04	19.84	0.00
47	0.12	48.02	21.97	0.00
48	0.01	47.05	19.77	0.00
49	0.02	47.91	21.06	0.00
50	0.03	47.06	19.76	0.00
51	0.16	65.90	25.02	0.00
16	0.09	75.82	26.82	0.00
42	0.36	47.91	47.91	0.00
25	-228.36	81.00	0.00	0.00 Reservoir
11	-11.88	56.40	0.00	0.00 Reservoir
18	231.37	47.00	0.00	0.00 Reservoir

Link Results at 24:00 Hrs:

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
2	80.36	1.14	3.74	Open
5	47.07	2.42	32.11	Open
11	4.62	0.92	10.37	Open
16	1.55	0.08	0.06	Open
19	-0.37	0.02	0.00	Open
31	-6.04	1.20	17.06	Open
33	-8.75	0.50	1.80	Open
37	-160.84	4.68	78.20	Open
38	-2.42	0.48	3.13	Open
39	-3.59	0.71	7.38	Open
41	48.80	2.76	38.20	Open
42	48.40	0.99	3.55	Open
44	-9.57	1.22	13.48	Open
45	-1.80	0.54	5.67	Open
46	3.85	0.22	0.39	Open
47	161.86	4.71	79.12	Open
48	-27.83	1.58	15.35	Open
49	-28.04	0.53	1.06	Open
51	0.13	0.04	0.05	Open
52	-13.43	1.53	21.80	Open
54	8.38	0.47	1.46	Open
57	-0.28	0.02	0.00	Open
62	-8.46	0.48	1.49	Open
65	-133.82	2.73	23.35	Open
66	174.83	3.56	38.31	Open
67	41.09	4.67	172.88	Open
68	138.45	1.96	10.23	Open
69	-43.29	2.23	27.51	Open
3	51.44	0.67	1.36	Open

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Link Results at 24:00 Hrs: (continued)

Link ID	Flow LPS	velocity m/s	Unit Headloss m/km	Status
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	brusciano con incrementi di piano			
4	3.64	0.72	6.67	Open
6	-3.68	0.19	0.29	Open
7	48.20	0.98	3.52	Open
8	48.20	0.98	3.52	Open
13	-33.01	1.87	18.52	Open
14	-28.65	1.62	14.25	Open
15	4.88	0.25	0.48	Open
17	-10.57	0.54	2.02	Open
18	-24.77	1.27	9.78	Open
20	-13.69	1.56	22.57	Open
24	-0.12	0.04	0.05	Open
25	0.00	0.00	0.00	Open
26	-0.04	0.01	0.00	Open
27	0.01	0.01	0.00	Open
29	-0.01	0.00	0.00	Open
1	-143.48	1.88	9.09	Open
10	139.53	1.97	10.38	Open
23	-4.21	0.84	8.72	Open
30	-0.02	0.00	0.00	Open
32	-0.16	0.02	0.01	Open
21	-11.88	0.87	6.00	Open
22	114.18	3.63	45.42	Open
28	197.83	2.06	9.35	Open
34	2.40	0.03	0.01	Open
40	160.18	2.27	13.41	Open
43	3.62	0.72	7.51	Open
50	-231.37	3.27	26.49	Open
53	114.18	3.63	45.42	Open
55	30.44	1.72	9.35	Open
56	8.31	1.06	10.38	Open
9	0.13	0.02	0.01	Open
12	0.13	0.02	0.00	Open
35	-8.84	0.50	1.61	Open
36	1.85	0.02	0.00	Open