

RELACIONI TEKNIK

OBJEKTI: "PËRMIRËSIMI I FURNIZIMIT ME UJË HAMALLAJ NJËSIA ADMINISTRATIVE SUKTH, BASHKIA Durrës"
SH. A. UJËSJELLËS KANALIZIME Durrës

RAPORTI TEKNIKE

OBJEKTI: “PËRMIRËSIMI I FURNIZIMIT ME UJË TE ZONES TURISTIKE HAMALLAJ, NJËSIA ADMINISTRATIVE SUKTH, BASHKIA DURRËS”

8 TË PËRGJITHSHME

Zona e shërbimit të sistemit të furnizimit me uje, do të përfshijë zonën e banuar të fshatit Hamallaj perkatesisht zonat Armathi, Sektor , si dhe komplekset turistike në zonë, në veriperëndim të fshatit Hamallaj, i cili ndodhet në gjirin e Lalëzit, në veri të qytetit të Durrësit. Zona e ndërtimit, ndodhet pas brezit të rërës me një sipërfaqe totale toke, rreth 1300 ha. Kjo zonë ndahet në dy pjesë, ku pjesa e parë me një sipërfaqe rreth 145 ha (zona turistike) është e kufizuar me, detin në perëndim, kanalin e Tarinit në veri, kanalin e hidrovorit në jug dhe kanalin e madh kullues që vjen nga Maminasi në lindje (me aksin e tij, pak pjerrtas kundrejt vijës bregdetare dhe rreth 1200 deri 1500 m larg vijës bregdetare), kurse pjesa e dytë me sipërfaqe rreth 1155 ha qe eshte fshati Hamallaj. Lartësia mesatare e terrenit luhetet nga rreth 1.00 m mbi nivelin e detit deri rreth 100.00 m mbi nivelin e detit. Gjithsesi duhet theksuar se ka edhe sipërfaqe të konsiderueshme me kuota më të ulëta.

Zona turistike prane hidrovorit ka një plan studimi urbanistik, jo të detajuar dhe aktualisht vetëm një pjesë e tij është aktualizuar në ndërtimin e një qendre rezidenciale turistike në veriperëndim të fshatit Hamallaj, e quajtur Valamar (pjesë e kompleksit Newborn). Pjesa në lindje dhe në jug të kësaj qendre rezidenciale, siç u përmend më sipër, nuk ka zhvillime të ndjeshme urbanisitke, por as plan të detajuar urbanistik (ekzisotn një plan i miratuar në 2011, por mbetet, në kuadrin e njollave të ndërtesave, edhe të rrugëve, por i padetajuar më tej), për të mundësuar parashikimin e pozicionit të linjave të kanalizimeve të ujërave të ndotura. Ndersa zona e Fshatit Hamallaj nuk ka nje plan urbanistik .

Projekti i sistemit të furnizimit me uje eshte menduar te ndahet ne dy faza .

Ne fazen e pare do te jete Zona e Armathit te fshatit Hamallaj dhe Zona turistike prane Hidrovorit, dhe ne Fazen e dyte do te jete pjesa e mbetur e Fshatit Hamallaj .

2 - Objekti i Veprës

Objekti i kësaj vepre teknike është hartimi i rrjetit te furnizimit me ujë të zonës turistike Hamallaj, Njesia Administrative Sukth, Bashkia Durres. Ndërhyrja në këtë zonë bëhet për të:

- Furnizuar me ujë zonën turistike dhe banoret rezidente,
- Përmirësuar e orarit të furnizimit me ujë,
- Përmirësimin e sasisë së ujit për frymë,
- Përmirësimin e cilesisë së ujit,

Projektuesi ka marrë në konsideratë gjendjen ekzistuese dhe ka kryer matjet topografike te nevojshme. Projekti u hartua nga Ing. Alket KUMARAKU per llogari te Bashkise Durrës. Në këtë kontekst u realizua menjëherë njohja e eksperteve me detyrat e projektimit dhe kerkesat specifike me të gjithë përgjegjsat e zonave respektive ku shtrihen objektet per evidentimin e saktë të problemeve, zonave problematike dhe propozimin e zgjidhjeve afatmesme dhe afatgjata.

3 - Gjëndja Ekzistuese e Furnizimit me uje.

Është e njohur problematika e garantimit të sasisë së ujit, që të mbulojë zonat e banuara nga ana sasiore ashtu dhe nga ana cilësore. Janë të pakta zonat që e kanë zgjidhur këtë problematike per furnizimin me ujë të pijshëm. Kjo situate vjen jo për shkak të mungesës së ujit në burimet tona natyrore, por si pasoje e disa faktorëve nga të cilët më të rëndësishmit janë ata që paraqiten më poshtë:

1. Ndotsit mikrobiologjik.
2. Humbjet ne rrjet.
3. Amortizimi i rrjeteve ekzistues të ndërtuar para viteve '90.
4. Rritja e nevojës për ujë pas viteve '90 me përdorimin e paisjeve elektoshtëpiake.

Zona ndodhet në njesine administrative Sukth dhe ka një shtrirje shumë pranë detit Adritaik. Si rezultat i mbipopullimit të zonës nga banorë të ardhur dhe potencialit turistik qe ka zona, linja 700 mm ka shume humbje nga nderhyrjet e paligjshme. Ndërhyrjet e paligjshme në rrjet, duke qënë të shumta kanë sjellë humbje të prurjeve dhe difekte të konsiderueshme. Niveli i faturimit është shume i ulet per shkak te lidhjeve te paligjshme. Pjesa me e madhe e tubacionit DN 700 mm ÇE kalon ne prona private duke bërë të pamundur kontrollin e linjës si dhe riparimet e difeketeve.

4 – Burimet e Furnizimit me uje

Per realizimin e projektit do te shfrytëzonhen dy pika lidhje per furnizimin me uje .

Per zonen e Fshatit Hamallaj si pike lidhje do te jete puseta ekzituese e lidhjes tek tubacioni 700 mm qe vjen nga pus shpimet e Fushe – Kuqes . Ne te njejten pike do te ndertohet puseta e re e lidhjes qe do te pajiset me nje mates te ri uji. Nga kjo pike uji do te dergohet me anen e nje linje te re dergimi ne Depon ekzistuese 1000 m³ te fshatit Hamallaj .

Per zonen turistike prane Hidrovorit si pike lidhje do te jete tubacioni DN/OD 450 mm qe eshte ndertuar se fundmi per te furnizuar me uje zonat turistike te gjirit te lalezi. Ky tubacion ne vetvete merr uje po nga tubacioni 700 mm qe vjen nga pus shpimet e Fushe – Kuqes .

5. Llogaritjet nevojave per uje.

Per percaktimin e prurjeve karakteristike te kanalizimit perdorim formulat e meposhtme :

- **Prurja mesatare ditore** -
$$Q_{mes}^d = \frac{N \cdot n}{1000} \text{ m}^3/\text{dite}$$

N – Numri i popullsisë në fund të kohës së projekimit $N = P(1 + i)^t$

P – Numri aktual i popullsisë 4560 banore

i – Shtesa natyrore e popullsisë 2.5 %

t – Periudha e projektimit – 25 vjet

n – Norma e furnizimit mesatarisht ditore – 150 l/d/banore

- **Prurja mesatare orare** -
$$Q_{mes}^d = \frac{Q_{mes}^d}{24} \text{ m}^3/\text{ore}$$

- **Prurja mesatare ne sekond** -
$$q_{mes.sek} = \frac{N \cdot n}{3.6 \cdot 24} \text{ l/s}$$

- **Prurja maksimale ne sekond** -
$$q_{max.sek} = q_{mes.sek} \cdot K_o \text{ l/s}$$

K_o – Koefiçenti i jouniformitetit K_O = 2.0

Llogaritjet numerike i paraqesim ne tabelen e meposhtme.

PERCAKTI I PRURJEVE PER FSHATIN HAMALLAJ

Nr.	Emertimi	Njesia	Sasia	Sasia pas 25 vjetesh	Norma l/dite	Norma l/sek	Q _{mes.dit} m ³ /dite	Q _{mes.orare} m ³ /ore	q _{mes.sek} l/sek	Ko	q _{max.sek} l/sek
1	Popullesia	banor	4560	8454	150	-	1268.10	52.8	14.68	2	29.35
2	Çerdhe	femije	630	630	40	-	25.20	1.1	0.29	2	0.58
3	Qen. Tregtare	-	20	20	-	0.1	172.80	7.2	2.00	2	4.00
4	Shkolla	nxenes	790	790	40	-	31.60	1.3	0.37	2	0.73
5	Qen. Shend	-	3	3	-	0.2	51.84	2.2	0.60	2	1.20
Shuma							1549.54	64.6	17.93		35.87

PERCAKTI I PRURJEVE PER ZONEN TURISTIKE REZIDENCIALE

Nr.	Emertimi	Njesia	Sasia	Sasia pas 25 vjetesh	Norma l/dite	Norma l/sek	Q _{mes.dit} m³/dite	Q _{mes.orare} m³/ore	q _{mes.sek} l/sek	Ko	q _{max.sek} l/sek
1	Popullesia	banor	14500	14500	250	-	3625.00	151.0	41.96	2	83.91
2	Hoteli	femije	1000	1000	300	-	300.00	12.5	3.47	3	10.42
3	Ditore	-	13000	13000	50	-	650.00	27.1	7.52	2	15.05
Shuma							4575.00	190.63	52.95		109.38

Te dhenat per popullesine jane marre nga Bashkia Durres.

Bazuar ne detyrën e projektimit të dhënë nga Bashkia Durres rritja e popullesise është marrë 2.5% dhe norma e konsumit te ujit per banorë është pranuar 150 l/ditë/banor dhe per turiste eshte 250 l/ditë/turist.

Duke pranuar humbjet e ujit 15 % ne linjat e shperndarjes, prurja llogaritese maksimale e rrjetit te shperndarjes do te jete 41.2 l/s per fshatin Hamallaj dhe 125 l/s per Zonen Turistike.

Duke pranuar humbjet e ujit 20 % ne linjat e dergimit, prurja llogaritese mesatare e rrjetit te shperndarjes do te jete 21.5 l/s per fshatin Hamallaj dhe 63.4 l/s per Zonen Turistike .

6. Llogaritjet hidraulike te rrjetit .

Llogaritjet hidraulike te linjave jane bere me ante te formules Darsy – Weisbach qe ka formen e meposhtme:

$$Q = S \sqrt{8 \cdot g \frac{R \cdot i}{f}}$$

Q – Prurja qe kalon ne tub

S – Siperfaqja e prerjes terthore te tubit

g – Nxitimi i renis se lire

R – Rezja hidraulike e tubacionit

i – Pjerresia hidraulike

f – Koefiçenti i humbjeve hidraulike qe gjendet me formulën :

$$\frac{1}{f} = -2 \cdot \log \left(\frac{k}{12 \cdot R} + \frac{2.51}{Re \sqrt{f}} \right)$$

Re – numri i Reynoldsit

e – Koefiçenti i ashpersise qe per tubacionet plastike eshte k = 0.0015 m .

Me ane te perafimeve te njepasnjeshme gjejme vleren e f per tubacionin tone per prurjen e dhene
Llogaritjet e rrjetit te shperndarjes per fshatin Hamallaj jane pasqyrur ne tabelat bashkëlidhur
relacionit.

Ndersa llogaritjet hidraulike per linjen kryesore te zones turistike jane si me poshte

Q l/s =	259.4	125.8	106	35	35
Emertim	Tubi Kryesor	Pjesa pare	Tubi 3	Tubi 4	Tubi 5
Q =	0.2594	0.1258	0.106	0.035	0.035
Presioni =	10	10	10	10	10
Dj =	450.00	355.00	315.00	225.00	200.00
t =	26.70	21.10	18.70	13.80	11.90
Db =	396.6	312.8	277.6	197.4	176.2
L =	4500	835	650	950	950
e =	0.00000292	0.00000292	0.00000292	0.00000292	0.00000292
nju =	1.14E-06	1.14E-06	1.14E-06	1.14E-06	1.14E-06
v =	2.10	1.64	1.75	1.14	1.44
Re =	7.30E+05	4.49E+05	4.26E+05	1.98E+05	2.22E+05
f =	0.0124	0.0135	0.0137	0.0158	0.0155
Hw =	31.71	4.94	5.01	5.07	8.76
Hw.l (10%) =	6.34	0.99	1.00	1.01	1.75
Htot =	38.05	5.93	6.01	6.08	10.51
ihidraul =	0.008456	0.007102	0.009246	0.006400	0.011063

7. Përshkrim i Shkurtër i Veprave

Ky projekt parashikon të ndërhyjë me investime të reja me, linjat e dergimit dhe shpërndarjes të cilat do të ndërtohen të reja në drejtim të konsumatorit të cilët, do të vijnë të lidhen pasi të kenë lidhur kontratat dhe blerë kontaktorët me shpenzime vetjake bazuar në legjislacionin ne fuqi.

Linja e dergimit qe mer uje në tubin 700 mm qe vjen nga Fushe-Kuqe ne drejtim te Duresit do të jenë Tub PE 100 DN OD 200 mm 16 bar

Linjat e shpërndarjes nga depo ekzistuese Hamallaj do të jenë Tub PE 100 DN OD 110-63 mm 10bar dhe Tub PE 100 DN OD 50-32 mm16 bar. Në zonë kemi shumë ndërtime 1÷3 katëshe shpërndarja e ujit tek konsumatorët do të behët me anën e lidhjeve përkatëse për cdo konsumator ne kasetat shperndarese 5 ÷ 7 lidhje.

Per nje komandim sa me te mire te linjes jane parashikuar dhe ndertimi i pusetave te manovrimit sipas projektit teknik .

Zona Turistike merr uje te linja e dergimit ekzistuese 450 mm qe vjen nga ujesjellesi i Gjiri te Lalaezit. Tubacioni i ri shtrihet ne krah te linjes se dergimit te furnizimit me uje investim i bankes boterore dhe gjate punimeve te meret parasysh mos demtimi i saj.

Tubacioni i zones turistike do te jete me tub Pe 100 Pn 10 bar DN/OD 200 ÷ 355 mm . Kalimi i kanaleve kulluese te tarinit do te behet me anen e nje tubacioni celiku qe do te ndertohet prane ures ekzistuese .

Duke qënë se linjat kalojnë në rrugë kryesore, gjatë gërmimit të kanaleve dhe i gërmuar do të largohet dhe mbushja e kanalit do të bëhet me zhavorr për të përmiresuar parametrat e rrugës dhe evituar dëmtimet e mundëshme nga cedimet. Në pjesët e afaltuara do të rishtrohen me asfalt. Për të bërë një manovrim dhe shfrytëzim sa më të mirë të rrjetit janë parashikuar ndërtimi i pusëve të manovrimit në pikat kryesore të rrjetit dhe saraqineskat tip shpingel ne degezimet sekondare.

9 - PUNIMET TOPOGRAFIKE

Para fillimit të punimeve të bëhet verifikimi i terrenit dhe i kuotave të dhëna në projektin e sipërpërmendur, si dhe përputhshmëria e kuotave në terren, me kuotat e dhëna në projektin e sipërpërmendur, nga një inxhinier gjeodet i licënsuar, në prani të supervizorit. Në fund të verifikimit të hartohet proces verbal i përkatës.

Për çdo ndryshim, në kuotë, trasim etj. të projektit, të kontaktohet paraprakisht me projektuesin dhe pasi të jepet zgjidhja nga ky i fundit të mbahet një proces verbal, në prani të supervizorit, projektuesit, zbatuesit, dhe të një përfaqësuesi të porositësit.

Në rast, se vërehen ndryshime të kuotave dhe mospërputhje me projektin, të kontaktohet me supervizorin dhe projektuesin dhe të merren masat përkatëse, për zbatimin me korrektësi dhe në përputhje me kushtet teknike përkatëse (K.T.Z. 26 -81 “Kushte Teknike të Zbatimit dhe Marrjes në dorëzim të Punimeve për Ndërtimin e Rrjetit të Jashtëm të Ujës-jellësave dhe Kanalizimeve”) apo standardet në fuqi.

Gjithashtu, të merren masat si dhe të zbatohen rreptësisht kushtet e sigurimit teknik të punimeve, sipas standarteve dhe Kushteve Teknike të Sigurimit Teknik në fuqi, qoftë për punimet e çdo lloji në sipërfaqe, ashtu edhe për punimet e çdo lloji të kryera në thellësi të kanalit apo gropave përkatëse gjatë zbatimit të objektit.

Punimet duhet të zbatohen rreptësisht me inxhinier gjeodet ose topograf të licënsuar për aftësitë e tij në punime zbatimi, sipas planimetrisë dhe profileve gjatësorë, në prezencë të investitorit dhe supervizorit.

9. KONKLUZIONE

Projekti i mësipërm ka rëndësi të madhe për zonën, pasi ajo është një zonë e zhvilluar dhe me potenciale të mëdha turistike.

Ky projekt ka këto anë pozitive.

- Pëmirësimin e furnizimit me ujë te zones Turistike Hamallaj, Njesia Administrative Sukth dhe turisteve ne zonë si nga ana sasiore, por dhe nga ana cilësore e tij.
- Në thjeshtësinë e veprës, si në konstruktimin e saj, ashtu edhe në funksionimin e vepres.

10 REFERENCAT; STANDARDE DHE LITERATURA:

- Detyra e Projektimit, nga Porositësi
- Kushtet teknike të projektimit KTP 11 dhe 12 (Ujësjiellësa dhe Kanalizime), 1978
- Standardi European BS EN 752, UNI EN 752
- Standardi European BS EN 12050, UNI EN 12050
- Standardi European BS EN 12056, UNI EN 12056
- Standardi European BS EN 1610
- Standardi European BS EN 124
- Standardi European DIN EN 1955, etj

Hartoi relacionin

AR-MI sh.p.k.

Inxh. Alket KUMARAKU

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
31	J-1	1.21	0	40.98	3.89
34	J-3	2.43	0	43.95	4.06
35	J-4	2.43	0	43.94	4.06
37	J-5	4	0	31.61	2.7
38	J-6	4	0	31.61	2.7
40	J-7	2	0	41	3.82
41	J-8	2	0	41	3.82
43	J-9	2.94	0	42.23	3.85
44	J-10	2.97	0	42.22	3.84
46	J-11	22.73	0	64.57	4.09
47	J-12	22.8	0	64.55	4.09
49	J-13	28.19	0	76.44	4.72
50	J-14	28.23	0	76.48	4.72
52	J-15	2	0	41.07	3.82
53	J-16	2	0	41.07	3.82
55	J-17	24.79	0	66.53	4.09
56	J-18	24.75	0	66.5	4.09
58	J-19	1.42	0	41.05	3.88
59	J-20	1.22	0	41.05	3.9
61	J-21	2	0	41	3.82
62	J-22	2	0.3	40.99	3.82
64	J-23	1.83	0	41.06	3.84
65	J-24	1.68	0	41.06	3.85
67	J-25	3.73	0	33.28	2.89
68	J-26	3.78	0	33.23	2.88
71	J-27	2	0	41.03	3.82
72	J-28	2	0	41.03	3.82
74	J-29	2.89	0	42.27	3.85
76	J-30	2.69	0	41.63	3.81
77	J-31	2.69	0	41.63	3.81
79	J-32	2	0	41.02	3.82
80	J-33	2	0	41.02	3.82
82	J-34	21.48	0	72.25	4.97
83	J-35	21.37	0	72.18	4.97
85	J-36	2.41	0	41.71	3.85
86	J-37	2.44	0.3	41.71	3.84
88	J-38	3.94	0	31.53	2.7
89	J-39	3.97	0	31.52	2.7
91	J-40	23.16	0	66	4.19
92	J-41	22.97	0	65.95	4.21
94	J-42	2.7	0	41.66	3.81
95	J-43	2.73	0	41.66	3.81
98	J-44	4	0	41.24	3.64
99	J-45	3.79	0	41.24	3.67
101	J-46	24.81	0	63.96	3.83
102	J-47	24.82	0	63.91	3.83
104	J-48	2.08	0	40.86	3.8
105	J-49	2.06	0	40.87	3.8
107	J-50	2	0	41.01	3.82
108	J-51	2	0	41.01	3.82
110	J-52	21.58	0	69.94	4.73
111	J-53	21.71	0.3	69.86	4.71
113	J-54	2	0	41.03	3.82
115	J-55	2.41	0	43.89	4.06
118	J-56	4	0	32.36	2.78
119	J-57	4	0	32.28	2.77
121	J-58	3.12	0	33.84	3.01
122	J-59	3.19	0	33.75	2.99
124	J-60	3.37	0	33.59	2.96
125	J-61	3.47	0	33.5	2.94
127	J-62	2.1	0	40.86	3.79
130	J-63	2	0	41.04	3.82
132	J-64	4.16	0	41.24	3.63
133	J-65	4.26	0	41.24	3.62
135	J-66	2	0	41.06	3.82

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
137	J-67	24.67	0	62.97	3.75
138	J-68	24.64	0	62.89	3.74
140	J-69	28	0.3	75.97	4.69
141	J-70	28	0	76.11	4.71
143	J-71	4	0	32.76	2.81
144	J-72	4	0	32.66	2.81
146	J-73	2.72	0	41.65	3.81
148	J-74	4.41	0	41.33	3.61
149	J-75	3.81	0	41.33	3.67
151	J-76	3.92	0	31.6	2.71
152	J-77	3.93	0	31.57	2.71
154	J-78	4	0	32.04	2.74
155	J-79	4	0	31.96	2.74
157	J-80	2.48	0.3	41.45	3.81
158	J-81	2.5	0	41.46	3.81
160	J-82	2.79	0	41.36	3.77
161	J-83	2.78	0	41.37	3.78
163	J-84	3.99	0.3	33.05	2.84
164	J-85	4	0	32.94	2.83
166	J-86	21.22	0	71.91	4.96
167	J-87	21.19	0.3	71.77	4.95
169	J-88	24.61	0	66.41	4.09
171	J-89	0.36	0	41.04	3.98
173	J-90	3.7	0	41.24	3.67
174	J-91	3.85	0	41.24	3.66
176	J-92	4	0	32.16	2.76
179	J-93	4	0	31.69	2.71
181	J-94	2.83	0	41.36	3.77
182	J-95	2.8	0	41.36	3.77
185	J-96	3.91	0	31.55	2.71
188	J-97	21.32	0	70.3	4.79
189	J-98	21.58	0	70.17	4.76
191	J-99	21.93	0	71.03	4.81
192	J-100	21.95	0	70.88	4.79
195	J-101	14.52	0	64.85	4.93
196	J-102	14.69	0	64.81	4.9
198	J-103	2.52	0	39.39	3.61
199	J-104	2.51	0	39.57	3.63
201	J-105	4	0	41.24	3.64
204	J-106	4	0	32.49	2.79
206	J-107	2.13	0	40.87	3.79
208	J-108	2.03	0	40.88	3.8
210	J-109	2.5	0	41.69	3.84
211	J-110	2.55	0	41.68	3.83
213	J-111	23.68	0	66.11	4.15
215	J-112	13.97	0	64.68	4.96
216	J-113	13.74	0.3	64.63	4.98
218	J-114	2.08	0	41.83	3.89
219	J-115	2.12	0	41.81	3.88
222	J-116	3.07	0	34	3.03
224	J-117	21.75	0	69.71	4.69
226	J-118	24.55	0	66.99	4.15
227	J-119	24.83	0	66.84	4.11
229	J-120	24.86	0	66.7	4.1
231	J-121	3.08	0	34.19	3.04
233	J-122	2	0	40.98	3.82
234	J-123	2	0	41	3.82
236	J-124	4	0	41.24	3.65
238	J-125	27.64	0	75.75	4.71
240	J-126	2.64	0	41.67	3.82
243	J-127	3	0	42.13	3.83
244	J-128	3	0.3	42.1	3.83
247	J-129	4.03	0	31.53	2.69
249	J-130	24	0	67.67	4.27
250	J-131	24.11	0	67.51	4.25

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
252	J-132	3.99	0	31.85	2.73
253	J-133	3.87	0	31.96	2.75
255	J-134	4	0	41.16	3.64
257	J-135	22.82	0	68.84	4.5
258	J-136	23	0	68.67	4.47
261	J-137	2.34	0	43.13	3.99
262	J-138	2.32	0	43.01	3.98
266	J-139	2.38	0	43.77	4.05
269	J-140	4.17	0	31.54	2.68
270	J-141	4.28	0	31.55	2.67
272	J-142	22.43	0	65.46	4.21
273	J-143	22.12	0	65.32	4.23
275	J-144	24.84	0.3	63.68	3.8
277	J-145	21.49	0	70.53	4.8
280	J-146	3.75	0	32.1	2.77
282	J-147	22	0	65.14	4.22
283	J-148	22	0	65	4.21
285	J-149	3.55	0	32.41	2.83
286	J-150	3.43	0	32.62	2.86
288	J-151	3.39	0	32.83	2.88
290	J-152	2	0	41.03	3.82
295	J-153	3.18	0	33.09	2.93
296	J-154	3	0	33.3	2.97
298	J-155	23.4	0	64.42	4.01
300	J-156	24.09	0	67.31	4.23
302	J-157	4	0	31.84	2.72
304	J-158	21.47	0	71.51	4.9
306	J-159	2.47	0	42.27	3.89
307	J-160	2.47	0	42.59	3.93
311	J-161	24.19	0	64.1	3.91
313	J-162	26.41	0	75.05	4.76
314	J-163	26.93	0	75.35	4.74
316	J-164	4.09	0	31.57	2.69
319	J-165	2.22	0	41.77	3.87
320	J-166	2.31	0	41.75	3.86
323	J-167	23.85	0	67.91	4.31
325	J-168	24.72	0	63.26	3.77
327	J-169	21.56	0	69.4	4.68
328	J-170	22.06	0	69.16	4.61
330	J-171	3.96	0	41.24	3.65
332	J-172	2.56	0	41.5	3.81
333	J-173	2.59	0.3	41.53	3.81
336	J-174	23.67	0	64.26	3.97
338	J-175	25.53	0	74.35	4.78
339	J-176	25.94	0	74.7	4.77
341	J-177	22.54	0	65.75	4.23
344	J-178	4.82	0	41.32	3.57
347	J-179	2.53	0	41.48	3.81
349	J-180	22.11	0	72.66	4.95
350	J-181	22.59	0	73.02	4.94
353	J-182	2	0	41.56	3.87
354	J-183	2	0	41.53	3.87
356	J-184	2.48	0	41.86	3.85
358	J-185	22.23	0	64.78	4.16
360	J-186	2.72	0.3	41.37	3.78
366	J-187	2.22	0	40.89	3.78
369	J-188	24.2	0	62.62	3.76
371	J-189	2.53	0	42.48	3.91
376	J-190	2.26	0	42.69	3.96
380	J-191	23.54	0	73.45	4.88
383	J-192	2.19	0	41.59	3.86
385	J-193	5.82	0	41.3	3.47
386	J-194	5.35	0	41.31	3.52
388	J-195	4.21	0	41.24	3.62
389	J-196	3.96	0	41.25	3.65

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
391	J-197	3.98	0	41.24	3.65
393	J-198	2.35	0	43.36	4.01
396	J-199	13.19	0	64.53	5.02
399	J-200	2	0	40.93	3.81
405	J-201	23.25	0	68.28	4.41
407	J-202	4.17	0	41.24	3.63
410	J-203	2.46	0	40.93	3.76
411	J-204	2.34	0	40.91	3.77
415	J-205	2.98	0	41.34	3.75
417	J-206	3	0	42.02	3.82
418	J-207	3	0	41.95	3.81
422	J-208	2.63	0	41.57	3.81
426	J-209	2.45	0	43.28	4
428	J-210	12.47	0	64.23	5.07
429	J-211	12.07	0	64.14	5.1
431	J-212	2.51	0	40.25	3.69
438	J-213	5.86	0	41.28	3.47
441	J-214	2.55	0	38.66	3.53
443	J-215	2.5	0	41.43	3.81
445	J-216	2.5	0	41.08	3.78
448	J-217	2.6	0	41.41	3.8
450	J-218	4.65	0	41.27	3.58
457	J-219	11.65	0.3	64.01	5.12
462	J-220	2.58	0	37.59	3.43
465	J-221	3	0	34.43	3.08
467	J-222	2.72	0	40.97	3.74
469	J-223	2.73	0	35.85	3.24
474	J-224	18.44	0	72.37	5.28
475	J-225	18.44	0	72.38	5.28
477	J-226	15.46	0	66.03	4.95
478	J-227	15.45	0	66.03	4.95
480	J-228	4	0	33.32	2.87
481	J-229	4	0	33.32	2.87
483	J-230	21.39	0	73.01	5.05
484	J-231	21.38	0	73.03	5.06
486	J-232	14.47	0	64.83	4.93
488	J-233	21.31	0	73	5.06
490	J-234	14.71	0	64.9	4.91
492	J-235	18.59	0	72.44	5.27
493	J-236	18.63	0	72.46	5.27
495	J-237	13.54	0	55.92	4.15
496	J-238	13.35	0	55.86	4.16
498	J-239	3.95	0	33.34	2.88
499	J-240	3.93	0	33.34	2.88
501	J-241	3.31	0	33.32	2.94
502	J-242	3.35	0.3	33.32	2.93
504	J-243	20.66	0	72.91	5.11
505	J-244	20.79	0	72.93	5.1
507	J-245	3	0	33.32	2.97
508	J-246	3	0	33.32	2.97
510	J-247	3.87	0	33.36	2.89
511	J-248	3.87	0.3	33.37	2.89
513	J-249	3.05	0	34.15	3.04
515	J-250	14	0	56.1	4.12
516	J-251	13.43	0	56.01	4.17
518	J-252	3.65	0	41.51	3.7
519	J-253	3.7	0	41.56	3.7
522	J-254	15	0	64.61	4.85
523	J-255	15	0	64.51	4.85
525	J-256	15.38	0	58.43	4.21
526	J-257	15.64	0	58.33	4.18
528	J-258	3.48	0	41.3	3.7
530	J-259	18.51	0	72.41	5.28
532	J-260	3.74	0	41.61	3.71
535	J-261	4	0	33.41	2.88

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
536	J-262	4	0	33.42	2.88
538	J-263	4	0	33.43	2.88
539	J-264	4	0	33.44	2.88
541	J-265	3.44	0	33.32	2.92
543	J-266	20.4	0	72.87	5.13
546	J-267	7.39	0	48.42	4.02
547	J-268	7.53	0	48.53	4.01
549	J-269	15.22	0	57.34	4.12
550	J-270	15.07	0	57.19	4.12
552	J-271	4.11	0	42.73	3.78
553	J-272	4.17	0	42.84	3.79
555	J-273	3.96	0	33.38	2.88
557	J-274	14	0	56.48	4.16
558	J-275	14.39	0	56.32	4.1
560	J-276	20.05	0	72.82	5.16
562	J-277	11.02	0	53.42	4.15
563	J-278	11.12	0	53.56	4.15
565	J-279	4.08	0	33.33	2.86
566	J-280	3.96	0	33.34	2.88
568	J-281	4	0	33.32	2.87
570	J-282	15	0	56.68	4.08
572	J-283	3.86	0	33.35	2.89
574	J-284	4.16	0	33.33	2.85
575	J-285	4.1	0	33.33	2.86
577	J-286	15	0	56.99	4.11
579	J-287	15.42	0	57.55	4.12
581	J-288	4	0	33.39	2.88
584	J-289	3.76	0	33.32	2.89
585	J-290	3.9	0.3	33.32	2.88
590	J-291	4	0	41.73	3.69
592	J-292	15.9	0	58.1	4.13
594	J-293	3.59	0	33.32	2.91
597	J-294	15	0	64.27	4.82
599	J-295	15.66	0	57.8	4.12
603	J-296	3.51	0	33.89	2.97
604	J-297	3.19	0	34	3.02
606	J-298	15.42	0	62.35	4.59
607	J-299	15	0	62.08	4.61
609	J-300	4	0	33.66	2.9
610	J-301	3.88	0	33.77	2.93
613	J-302	3.18	0	33.32	2.95
615	J-303	4	0.3	33.54	2.89
617	J-304	4	0	33.32	2.87
619	J-305	3.92	0	41.9	3.72
620	J-306	3.29	0	42.05	3.79
629	J-307	12.92	0	55.55	4.17
632	J-308	15	0	60.43	4.45
633	J-309	15	0	60.11	4.41
635	J-310	4.02	0.3	42.53	3.77
638	J-311	11.35	0	53.92	4.17
641	J-312	15.52	0	62.75	4.62
643	J-313	16	0	63.18	4.62
645	J-314	15	0	59.66	4.37
647	J-315	15.61	0	63.79	4.72
649	J-316	15	0	61.59	4.56
651	J-317	15	0	61.1	4.51
653	J-318	4.35	0	43.24	3.81
655	J-319	15	0	58.98	4.3
657	J-320	4.75	0	44.07	3.85
658	J-321	5.06	0	44.54	3.86
660	J-322	6.05	0	46.53	3.96
661	J-323	6.29	0	47	3.98
665	J-324	6.87	0	47.89	4.01
668	J-325	12.02	0	54.85	4.19
670	J-326	5.46	0	45.4	3.91

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
671	J-327	5.69	0	45.96	3.94
673	J-328	8.22	0	49.31	4.02
674	J-329	8.57	0	49.88	4.04
680	J-330	9.19	0	50.9	4.08
681	J-331	9.77	0	51.7	4.1
683	J-332	10.46	0	52.6	4.12
691	J-333	4.08	0	31.17	2.65
692	J-334	4.09	0	31.15	2.65
694	J-335	4.47	0	30.34	2.53
695	J-336	4.49	0	30.32	2.53
697	J-337	3.76	0	32.33	2.8
698	J-338	3.78	0	32.32	2.79
700	J-339	2.41	0	43.92	4.06
701	J-340	2.41	0	43.91	4.06
703	J-341	3.76	0	32.88	2.85
704	J-342	3.71	0	32.85	2.85
706	J-343	30.08	0	61.2	3.05
707	J-344	30.08	0	61.18	3.04
709	J-345	29.76	0	61.41	3.1
710	J-346	29.64	0	61.4	3.11
712	J-347	2.47	0	40.7	3.74
713	J-348	2.44	0.3	40.68	3.74
715	J-349	3.78	0	32.66	2.83
716	J-350	3.69	0	32.56	2.83
718	J-351	4.13	0	31.05	2.64
720	J-352	29.29	0	61.43	3.15
722	J-353	29.69	0	61.46	3.11
724	J-354	6	0	32.95	2.64
725	J-355	6	0	32.92	2.63
728	J-356	29.59	0	61.37	3.11
730	J-357	2.49	0	40.72	3.74
732	J-358	24.5	0	62.92	3.76
734	J-359	3.07	0	32.49	2.88
735	J-360	3.05	0	32.51	2.88
737	J-361	29.52	0	61.34	3.11
739	J-362	5.98	0	32.97	2.64
741	J-363	1.87	0	33.26	3.07
742	J-364	1.83	0	33.24	3.07
744	J-365	1.89	0	33.27	3.07
746	J-366	2.87	0.3	41.13	3.74
747	J-367	2.92	0	41.17	3.74
749	J-368	4.58	0	30.24	2.51
751	J-369	4.68	0	30.14	2.49
752	J-370	4.77	0	30.05	2.47
755	J-371	17.38	0	65.99	4.76
756	J-372	17.45	0	66.02	4.75
758	J-373	3.82	0	32.24	2.78
760	J-374	11.2	0	53.52	4.14
762	J-375	1.68	0	40.32	3.78
763	J-376	1.59	0	40.3	3.79
766	J-377	29.7	0	61.24	3.09
768	J-378	15.41	0	66.02	4.95
769	J-379	15.29	0	65.98	4.96
771	J-380	29.59	0	61.3	3.1
773	J-381	31.44	0	61.13	2.91
775	J-382	24.18	0	62.84	3.78
777	J-383	4.2	0	30.82	2.61
779	J-384	2	0	40.73	3.79
780	J-385	2	0.3	40.73	3.79
782	J-386	3.54	0	31.27	2.71
783	J-387	4.16	0	31.22	2.65
785	J-388	4.28	0	30.57	2.57
787	J-389	3.24	0	32.37	2.85
788	J-390	3.12	0	32.43	2.87
790	J-391	30.14	0	65.43	3.45

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
791	J-392	31.03	0	65.33	3.36
794	J-393	2.79	0.3	40.97	3.74
795	J-394	2.72	0	40.92	3.74
797	J-395	32.51	0	65.18	3.2
798	J-396	33.57	0.3	65.08	3.08
800	J-397	32.28	0.3	61.08	2.82
803	J-398	2.12	0	41.27	3.83
804	J-399	2.54	0	41.21	3.78
806	J-400	1.8	0	40.35	3.77
808	J-401	2	0	40.75	3.79
809	J-402	2	0	40.74	3.79
812	J-403	5.14	0.3	33.15	2.74
813	J-404	5.46	0	33.09	2.7
815	J-405	2.54	0	40.79	3.74
818	J-406	2	0	33.4	3.07
819	J-407	1.93	0	33.37	3.08
821	J-408	3.94	0	31.59	2.71
823	J-409	2.52	0	41.12	3.78
824	J-410	3	0	41.05	3.72
826	J-411	2	0	40.79	3.8
827	J-412	2	0	40.77	3.79
830	J-413	28.51	0	65.56	3.63
832	J-414	2	0	40.76	3.79
835	J-415	15.61	0.3	65.89	4.92
837	J-416	3.33	0	32.66	2.87
839	J-417	1.88	0	33.31	3.08
841	J-418	17.6	0.3	69.23	5.05
842	J-419	17.67	0	69.23	5.05
845	J-420	18.41	0	69.23	4.97
846	J-421	18.56	0	69.23	4.96
848	J-422	23.37	0.3	62.67	3.85
850	J-423	2	0	40.81	3.8
851	J-424	2	0	40.8	3.8
854	J-425	11.38	0	53.42	4.11
855	J-426	11.56	0	53.31	4.09
857	J-427	18.3	0	69.23	4.98
864	J-428	18.14	0	69.23	5
866	J-429	2.94	0	41.18	3.74
869	J-430	17.95	0	69.23	5.02
871	J-431	2	0.3	40.52	3.77
872	J-432	2	0	40.45	3.76
874	J-433	11.8	0.3	53.14	4.05
878	J-434	16.31	0.3	65.45	4.81
879	J-435	16.77	0	65.7	4.79
882	J-436	9.35	0	61.93	5.15
883	J-437	9.33	0	61.91	5.15
886	J-438	2	0	33.4	3.07
888	J-439	27.59	0	60.67	3.24
889	J-440	27.28	0	60.67	3.27
891	J-441	49.58	0	60.68	1.09
892	J-442	49.86	0	60.68	1.06
894	J-443	26.76	0	60.67	3.32
895	J-444	26.49	0	60.67	3.35
897	J-445	29.69	0	60.65	3.03
898	J-446	29.33	0	60.65	3.07
900	J-447	23.55	0.3	62.24	3.79
901	J-448	23.22	0	62.18	3.81
903	J-449	29.05	0	60.65	3.09
905	J-450	2.02	0	41.32	3.85
906	J-451	2.09	0	41.31	3.84
908	J-452	9.31	0	61.59	5.12
909	J-453	9.29	0	61.55	5.11
911	J-454	29	0	60.66	3.1
912	J-455	29	0	60.66	3.1
914	J-456	29	0	60.66	3.1

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
916	J-457	24.05	0	62.53	3.77
918	J-458	29	0	60.66	3.1
920	J-459	50.04	0.3	60.66	1.04
921	J-460	49.66	0	60.66	1.08
923	J-461	28.8	0	60.66	3.12
925	J-462	28.17	0	60.67	3.18
927	J-463	43.08	0	60.66	1.72
928	J-464	40.99	0	60.66	1.92
930	J-465	26.09	0.3	60.67	3.38
932	J-466	28.25	0	60.66	3.17
934	J-467	2	0	33.42	3.07
936	J-468	33.82	0	60.66	2.63
937	J-469	34.73	0	60.66	2.54
939	J-470	5	0	33.18	2.76
941	J-471	22.71	0	62.03	3.85
942	J-472	22.55	0.3	61.95	3.86
945	J-473	18.48	0.3	60.98	4.16
946	J-474	18.24	0	60.97	4.18
948	J-475	17.49	0	69.23	5.06
949	J-476	17.54	0	69.23	5.06
951	J-477	28.43	0	60.66	3.15
953	J-478	35.63	0	60.66	2.45
955	J-479	18.79	0	60.73	4.1
956	J-480	18.02	0	60.73	4.18
958	J-481	29	0	60.66	3.1
961	J-482	2	0	40.54	3.77
963	J-483	46.67	0	60.66	1.37
966	J-484	49.89	0	60.67	1.05
967	J-485	49.75	0	60.66	1.07
969	J-486	25.56	0	60.68	3.44
971	J-487	32.82	0	60.65	2.72
972	J-488	32.71	0	60.65	2.73
974	J-489	31.1	0	60.65	2.89
976	J-490	49.87	0	60.67	1.06
978	J-491	35.09	0	60.66	2.5
980	J-492	9.01	0.3	61.12	5.1
981	J-493	8.96	0	61.1	5.1
984	J-494	22.24	0	61.82	3.87
985	J-495	21.99	0	61.75	3.89
987	J-496	39.28	0	60.66	2.09
988	J-497	37.69	0	60.66	2.25
991	J-498	28.3	0	60.66	3.17
993	J-499	8.81	0	61.04	5.11
994	J-500	8.78	0	61.02	5.11
996	J-501	9.45	0	62.02	5.14
998	J-502	3.66	0.3	33.92	2.96
999	J-503	3.74	0	33.88	2.95
1001	J-504	19.07	0	61.09	4.11
1002	J-505	18.89	0	61.05	4.13
1004	J-506	2	0	40.85	3.8
1005	J-507	2	0	40.82	3.8
1009	J-508	20.58	0	61.29	3.98
1010	J-509	20.34	0.3	61.22	4
1012	J-510	2.75	0	41.14	3.76
1015	J-511	2.02	0	33.45	3.08
1017	J-512	2.98	0	33.92	3.03
1018	J-513	2.92	0	33.87	3.03
1020	J-514	23.75	0	60.69	3.62
1021	J-515	21.96	0	60.7	3.79
1023	J-516	34.12	0	60.66	2.6
1025	J-517	17.95	0	60.76	4.19
1027	J-518	20.43	0	60.71	3.94
1029	J-519	21.93	0	61.64	3.89
1032	J-520	2.79	0	33.72	3.03
1033	J-521	2.73	0	33.66	3.03

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
1035	J-522	4.69	0	33.51	2.82
1036	J-523	4.86	0	33.45	2.8
1039	J-524	2.53	0.3	33.58	3.04
1040	J-525	2.4	0	33.54	3.05
1043	J-526	2.55	0	41.1	3.77
1045	J-527	17.77	0	60.93	4.22
1047	J-528	17.07	0	60.9	4.29
1050	J-529	2	0	40.88	3.81
1054	J-530	19.93	0	61.17	4.04
1056	J-531	2.23	0	33.49	3.06
1059	J-532	21.73	0	61.52	3.89
1060	J-533	21.41	0	61.43	3.92
1062	J-534	2.86	0	33.79	3.03
1066	J-535	17.3	0	60.87	4.26
1068	J-536	9.37	0	61.75	5.13
1072	J-537	2	0	40.76	3.79
1073	J-538	2	0	40.71	3.79
1075	J-539	2	0	40.64	3.78
1076	J-540	2	0	40.6	3.78
1078	J-541	5	0	33.26	2.77
1082	J-542	5	0	33.36	2.78
1085	J-543	9.22	0	61.46	5.11
1089	J-544	9.08	0	61.22	5.1
1092	J-545	17.69	0	60.81	4.22
1096	J-546	9.14	0	61.33	5.11
1100	J-547	2	0	40.95	3.81
1102	J-548	2	0.3	41.02	3.82
1104	J-549	4.35	0	33.62	2.86
1106	J-550	3.95	0	33.76	2.92
1108	J-551	2.71	0	41.49	3.8
1110	J-552	8.37	0	60.74	5.12
1111	J-553	8.21	0.3	60.66	5.13
1115	J-554	8.71	0	60.94	5.11
1118	J-555	8.37	0	60.85	5.14
1121	J-556	1.43	0	40.97	3.87
1125	J-558	16.83	0	67.66	4.97
1128	J-560	3	0	33.23	2.96
1129	J-561	3	0	33.23	2.96
1131	J-562	4	0	31.29	2.67
1132	J-563	4	0	31.29	2.67
1134	J-564	3.17	0	33.23	2.94
1135	J-565	3.16	0	33.23	2.94
1137	J-566	1.18	0	40.98	3.89
1138	J-567	1.18	0	40.98	3.89
1140	J-568	18.43	0	72.35	5.28
1142	J-569	17	0	68.07	5
1143	J-570	17	0	68.09	5
1145	J-571	22.9	0	68.2	4.43
1146	J-572	22.98	0	68.21	4.43
1148	J-573	1.32	0	40.98	3.88
1149	J-574	1.38	0	40.97	3.88
1151	J-575	4.88	0	31.43	2.6
1152	J-576	4.9	0	31.43	2.6
1154	J-577	34	0	78.11	4.32
1155	J-578	34	0	78.07	4.31
1157	J-579	4	0	31.28	2.67
1158	J-580	4	0	31.28	2.67
1160	J-581	3.14	0	34.1	3.03
1161	J-582	3.15	0	34.1	3.03
1163	J-583	17.48	0	69.21	5.06
1165	J-584	2	0	41.52	3.87
1167	J-585	4	0	31.28	2.67
1169	J-586	1.08	0	40.86	3.89
1170	J-587	1.09	0	40.86	3.89
1172	J-588	30.02	0	61.44	3.08

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
1175	J-589	2.16	0	40.53	3.75
1176	J-590	2.16	0	40.51	3.75
1178	J-591	34.7	0	67.58	3.22
1179	J-592	34.74	0	67.54	3.21
1181	J-593	4.67	0	31.01	2.58
1182	J-594	4.7	0	31	2.57
1184	J-595	22	0	69.4	4.64
1185	J-596	22	0	69.42	4.64
1187	J-597	4	0	31.29	2.67
1188	J-598	4	0	31.29	2.67
1190	J-599	16.49	0	67.12	4.95
1191	J-600	16.51	0.3	67.14	4.96
1193	J-601	5	0	31.3	2.57
1194	J-602	5	0	31.31	2.57
1196	J-603	34	0	77.99	4.31
1198	J-604	4	0	31.28	2.67
1200	J-605	3.15	0	34.11	3.03
1202	J-606	16	0	66.39	4.93
1203	J-607	16	0	66.42	4.93
1205	J-608	38.42	0	60.92	2.2
1206	J-609	38.48	0.3	60.91	2.2
1208	J-610	3.54	0	33.25	2.91
1209	J-611	3.51	0.3	33.25	2.91
1211	J-612	17.91	0	70.06	5.1
1212	J-613	17.84	0	70.11	5.12
1214	J-614	2.67	0	41.97	3.85
1215	J-615	2.64	0	41.95	3.85
1217	J-616	41.4	0	60.78	1.9
1218	J-617	41.44	0	60.77	1.89
1220	J-618	3.09	0	40.08	3.62
1221	J-619	3.19	0	40.09	3.61
1223	J-620	2.58	0	34.09	3.08
1224	J-621	2.63	0	34.09	3.08
1226	J-622	2.22	0	33.23	3.03
1227	J-623	2.29	0	33.23	3.03
1229	J-624	2.65	0	33.22	2.99
1230	J-625	2.8	0	33.22	2.98
1232	J-626	1.51	0	41.36	3.9
1233	J-627	1.43	0	41.36	3.91
1235	J-628	30.32	0	65.95	3.49
1236	J-629	29.98	0	65.9	3.52
1238	J-630	1.1	0	40.89	3.89
1239	J-631	1.07	0	40.89	3.9
1241	J-632	1.2	0	40.98	3.89
1243	J-633	35	0	70.33	3.46
1244	J-634	35	0	70.26	3.45
1246	J-635	2	0	41.3	3.85
1248	J-636	17.54	0	69.3	5.07
1250	J-637	34	0	77.84	4.29
1251	J-638	34	0	77.73	4.28
1253	J-639	3.95	0	31.52	2.7
1254	J-640	3.99	0	31.48	2.69
1256	J-641	4.97	0	31.43	2.59
1258	J-642	22	0	68.78	4.58
1259	J-643	22	0	68.81	4.58
1261	J-644	2.92	0	33.22	2.97
1262	J-645	2.85	0.3	33.22	2.97
1264	J-646	4.23	0	31.28	2.65
1265	J-647	4.3	0.3	31.28	2.64
1267	J-648	38.25	0	60.94	2.22
1269	J-649	3.79	0	31.27	2.69
1271	J-650	4.38	0	31.15	2.62
1272	J-651	4.46	0	31.12	2.61
1274	J-652	3.08	0	34.13	3.04
1276	J-653	2	0.3	41.51	3.87

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
1278	J-654	2.99	0	33.92	3.03
1280	J-655	1.63	0	40.97	3.85
1282	J-656	33.07	0	69.08	3.52
1283	J-657	33.14	0	68.99	3.51
1285	J-658	3	0	39.82	3.6
1286	J-659	3	0	39.83	3.6
1288	J-660	1.21	0	40.89	3.88
1289	J-661	1.17	0	40.89	3.89
1291	J-662	3.34	0	31.27	2.73
1293	J-663	2.81	0	38.73	3.52
1294	J-664	2.81	0	38.73	3.52
1296	J-665	33.26	0	68.88	3.49
1298	J-666	2.89	0	34.09	3.05
1299	J-667	2.97	0	34.09	3.05
1301	J-668	24.94	0	63.95	3.82
1303	J-669	2.15	0	33.23	3.04
1305	J-670	2.47	0.3	39.48	3.62
1306	J-671	2.49	0	39.49	3.62
1308	J-672	33.29	0	66.44	3.24
1309	J-673	33.07	0	66.36	3.26
1311	J-674	33.85	0	77.58	4.28
1314	J-675	3.21	0	39.96	3.6
1315	J-676	3.14	0	39.98	3.61
1317	J-677	3.56	0	41.03	3.67
1318	J-678	3.49	0	40.99	3.67
1320	J-679	1.7	0	40.97	3.84
1322	J-680	33.95	0	69.2	3.45
1324	J-681	5	0	31.31	2.57
1326	J-682	3.4	0	40.69	3.65
1327	J-683	3.41	0.3	40.65	3.64
1329	J-684	2.72	0	41.75	3.82
1330	J-685	2.68	0.3	41.72	3.82
1332	J-686	28.62	0	61.52	3.22
1334	J-687	34.44	0.3	75.24	3.99
1335	J-688	34.45	0	75.1	3.98
1337	J-689	21.31	0	71.34	4.9
1338	J-690	21.34	0	71.41	4.9
1340	J-691	33.99	0	72.96	3.81
1341	J-692	34.23	0	72.82	3.78
1344	J-693	4	0	31.28	2.67
1346	J-694	3.11	0	34.1	3.03
1348	J-695	1.62	0	40.97	3.85
1349	J-696	1.83	0	40.97	3.83
1351	J-697	2.9	0	33.26	2.97
1352	J-698	2.88	0	33.25	2.97
1354	J-699	4	0	31.28	2.67
1356	J-700	34	0	73.32	3.85
1357	J-701	33.85	0	73.16	3.85
1359	J-702	20.65	0	67.86	4.62
1360	J-703	20.67	0	67.88	4.62
1362	J-704	34.72	0	69.83	3.44
1363	J-705	34	0	69.7	3.49
1365	J-706	1	0	40.88	3.9
1366	J-707	1	0	40.87	3.9
1368	J-708	26.25	0	64.23	3.72
1369	J-709	26.53	0	64.27	3.69
1371	J-710	34.21	0	76.9	4.18
1372	J-711	34.17	0	76.72	4.16
1374	J-712	3	0	33.96	3.03
1375	J-713	3	0	33.94	3.03
1377	J-714	5	0	31.3	2.57
1379	J-715	2.58	0	39.52	3.62
1380	J-716	2.59	0	39.54	3.62
1382	J-717	3.34	0	40.94	3.68
1384	J-718	3.64	0	31.28	2.7

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
1385	J-719	3.8	0	31.28	2.69
1387	J-720	3.86	0.3	32.94	2.85
1389	J-721	1.36	0.3	40.9	3.87
1390	J-722	1.29	0	40.9	3.88
1392	J-723	3.07	0	34.1	3.04
1394	J-724	29.97	0	65.8	3.51
1396	J-725	21.27	0	71.27	4.89
1398	J-726	4	0	31.28	2.67
1400	J-727	24.73	0	65.31	3.97
1401	J-728	25.35	0.3	65.35	3.91
1403	J-729	15.88	0.3	66.32	4.94
1405	J-730	2.78	0	34.09	3.06
1407	J-731	1.88	0	41.37	3.86
1409	J-732	35.34	0	70.5	3.44
1411	J-733	16.78	0	67.58	4.97
1413	J-734	1.56	0	40.83	3.84
1414	J-735	1.62	0	40.82	3.84
1416	J-736	1.34	0	41.35	3.92
1418	J-737	34.7	0	72.14	3.66
1419	J-738	34.74	0	71.95	3.64
1421	J-739	3	0	33.31	2.97
1423	J-740	3.51	0	40.37	3.61
1424	J-741	3.55	0	40.32	3.6
1427	J-742	1.69	0	40.96	3.84
1429	J-743	2.42	0	39.44	3.62
1430	J-744	2.43	0	39.45	3.62
1432	J-745	3	0.3	39.86	3.61
1433	J-746	3.06	0	39.89	3.6
1435	J-747	34.62	0	66.82	3.15
1436	J-748	33.97	0	66.68	3.2
1438	J-749	2.53	0	39.56	3.62
1439	J-750	2.57	0	39.58	3.62
1441	J-751	2.98	0	40.02	3.62
1442	J-752	3	0	40.05	3.63
1444	J-753	34.07	0	73.52	3.86
1446	J-754	49.1	0	60.69	1.13
1448	J-755	1.52	0	40.83	3.85
1450	J-756	1.02	0	40.87	3.9
1453	J-757	1.68	0.3	40.82	3.83
1455	J-758	2.92	0	41.21	3.75
1457	J-759	16.65	0	67.36	4.96
1458	J-760	16.71	0	67.45	4.97
1460	J-761	35	0	70	3.43
1463	J-762	5	0	31.42	2.59
1465	J-763	34.33	0	73.73	3.86
1467	J-764	4.25	0	31.23	2.64
1469	J-765	3.54	0	31.27	2.71
1471	J-766	34.65	0	69.37	3.4
1473	J-767	4.41	0	31.29	2.63
1475	J-768	23.48	0	65.14	4.08
1476	J-769	23.81	0	65.19	4.05
1478	J-770	31.2	0.3	61.38	2.95
1480	J-771	39.08	0	60.86	2.13
1481	J-772	39.95	0.3	60.83	2.04
1483	J-773	2.43	0.3	34.09	3.1
1486	J-774	31.59	0	66.09	3.38
1488	J-775	3.19	0	39.93	3.6
1490	J-776	33.44	0	68.7	3.45
1493	J-777	2	0	41.39	3.85
1495	J-778	35	0	71.66	3.59
1496	J-779	34.75	0	71.43	3.59
1498	J-780	34.81	0	66.99	3.15
1501	J-781	2.37	0	41.26	3.81
1503	J-782	4.14	0	31.38	2.67
1505	J-783	2	0	41.5	3.87

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
1506	J-784	2	0	41.5	3.87
1508	J-785	1.49	0	40.97	3.86
1509	J-786	2	0	40.97	3.81
1512	J-787	2.44	0	41.53	3.83
1514	J-788	2	0	41.4	3.86
1516	J-789	3.72	0	40.13	3.56
1518	J-790	33.98	0	68.49	3.38
1519	J-791	34.01	0	68.3	3.36
1521	J-792	4	0	31.27	2.67
1523	J-793	2.27	0	39.62	3.66
1524	J-794	2.31	0	39.58	3.65
1526	J-795	3	0.3	33.22	2.96
1527	J-796	2.96	0	33.22	2.96
1529	J-797	17.27	0	68.9	5.05
1530	J-798	17.36	0	69.03	5.06
1532	J-799	1.09	0	40.86	3.89
1534	J-800	34.78	0	68	3.25
1535	J-801	34.75	0	67.8	3.23
1537	J-802	1.07	0	40.87	3.9
1540	J-803	2.7	0	33.22	2.99
1541	J-804	2.78	0.3	33.22	2.98
1544	J-805	4.03	0	31.28	2.67
1546	J-806	17.36	0	66.02	4.76
1549	J-807	32.32	0	61.32	2.84
1551	J-808	1.49	0	40.83	3.85
1553	J-809	20.79	0	67.35	4.56
1554	J-810	20.76	0	67.38	4.56
1556	J-811	38.56	0	60.88	2.19
1558	J-812	25.84	0	62.05	3.54
1559	J-813	26.47	0.3	61.91	3.47
1564	J-814	15.54	0	66.03	4.94
1566	J-815	34.44	0	75.54	4.02
1568	J-816	1.63	0	40.95	3.85
1570	J-817	20.16	0	67.07	4.59
1571	J-818	20.13	0	67.1	4.6
1573	J-819	23.6	0	64.61	4.01
1574	J-820	23.16	0	64.68	4.06
1576	J-821	1.63	0	40.94	3.85
1578	J-822	22	0	68.71	4.57
1582	J-823	1.37	0	40.85	3.86
1583	J-824	1.46	0	40.84	3.85
1586	J-825	1	0	40.88	3.9
1588	J-826	34.61	0	72.43	3.7
1592	J-827	1.18	0	40.97	3.89
1594	J-828	18.29	0	71.67	5.22
1595	J-829	18.21	0	71.87	5.25
1597	J-830	26.78	0	65.44	3.78
1599	J-831	34.4	0	74.36	3.91
1600	J-832	34.3	0	74.07	3.89
1602	J-833	17.88	0	69.86	5.09
1604	J-834	26.83	0	64.41	3.68
1605	J-835	26.13	0	64.48	3.75
1607	J-836	33.81	0	77.25	4.25
1609	J-837	3.08	0	34.13	3.04
1610	J-838	3.16	0	34.1	3.03
1612	J-839	22.07	0	67.98	4.49
1613	J-840	22.28	0	68.03	4.48
1615	J-841	2.44	0	41.67	3.84
1617	J-842	15.61	0.3	66.01	4.93
1618	J-843	15.56	0	66.01	4.94
1621	J-844	24.58	0	62.45	3.71
1623	J-845	17.69	0	69.51	5.07
1625	J-846	3.09	0	34.07	3.03
1627	J-847	9.56	0	62.08	5.14
1629	J-848	4.75	0	31.29	2.6

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
1631	J-849	25.37	0	64.02	3.78
1633	J-850	34.35	0	76.27	4.1
1634	J-851	34.33	0	75.92	4.07
1639	J-852	1.25	0	40.85	3.88
1641	J-853	2.19	0	41.49	3.85
1643	J-854	35	0.3	70.8	3.5
1646	J-855	35.06	0	67.23	3.15
1650	J-856	2.66	0	41.83	3.83
1652	J-857	22.1	0	68.64	4.55
1654	J-858	15.75	0.3	66.02	4.92
1655	J-859	15.86	0	66.02	4.91
1657	J-860	22	0	68.91	4.59
1659	J-861	4	0	31.3	2.67
1662	J-862	3	0	39.78	3.6
1664	J-863	34.41	0	74.71	3.94
1666	J-864	23.3	0	65.05	4.09
1669	J-865	2	0	40.97	3.81
1671	J-866	21.39	0	71.12	4.87
1673	J-867	15.4	0	66.14	4.97
1675	J-868	2.77	0.3	39.65	3.61
1676	J-869	2.85	0	39.69	3.61
1678	J-870	43.55	0	60.76	1.68
1681	J-871	1.5	0	40.91	3.86
1683	J-872	22.91	0	68.26	4.44
1685	J-873	17.14	0	68.72	5.05
1690	J-874	21.99	0	69.28	4.63
1692	J-875	23.03	0	64.96	4.1
1694	J-876	2.94	0	39.74	3.6
1696	J-877	4	0	31.37	2.68
1699	J-878	5	0	31.4	2.58
1701	J-879	40.31	0	60.81	2.01
1703	J-880	21	0	67.47	4.55
1704	J-881	21	0	67.51	4.55
1706	J-882	25.98	0	64.13	3.73
1709	J-883	2.08	0	40.86	3.8
1710	J-884	2.09	0	40.72	3.78
1712	J-885	1.63	0	40.93	3.85
1715	J-886	2.11	0	41.61	3.87
1717	J-887	2.66	0	39.61	3.62
1719	J-888	21	0.3	67.56	4.56
1720	J-889	21.04	0	67.62	4.56
1723	J-890	5	0	31.32	2.58
1726	J-891	2.85	0	42.12	3.84
1728	J-892	22.65	0.3	68.36	4.47
1729	J-893	22.49	0	68.44	4.5
1731	J-894	19.69	0	66.8	4.61
1732	J-895	19.98	0	66.85	4.59
1739	J-896	3.09	0	40.82	3.69
1741	J-897	1.55	0	41.29	3.89
1742	J-898	2	0	41.27	3.84
1745	J-899	3	0	34.03	3.04
1746	J-900	3	0	34	3.03
1748	J-901	27.97	0	61.71	3.3
1750	J-902	4.6	0	31.59	2.64
1751	J-903	4.59	0	31.54	2.64
1753	J-904	44.24	0	60.74	1.61
1754	J-905	45.11	0	60.72	1.53
1756	J-906	2	0	40.81	3.8
1758	J-907	21.25	0	67.72	4.55
1759	J-908	20.54	0	67.78	4.62
1764	J-909	2.17	0	40.37	3.74
1766	J-910	9.71	0	62.15	5.13
1771	J-911	22.4	0	64.78	4.15
1774	J-912	4	0	33.24	2.86
1778	J-913	47.15	0.3	60.7	1.33

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
1780	J-914	21.37	0	70.92	4.85
1782	J-915	4.91	0	31.33	2.59
1784	J-916	2	0	41.12	3.83
1785	J-917	2	0	41.1	3.83
1788	J-918	2.33	0	39.71	3.66
1791	J-919	1.21	0.3	40.97	3.89
1794	J-920	22.04	0.3	69.82	4.68
1795	J-921	22.02	0	70.02	4.7
1797	J-922	3	0	33.22	2.96
1801	J-923	18.89	0	66.4	4.65
1802	J-924	19.05	0	66.46	4.64
1804	J-925	2	0	41.51	3.87
1807	J-926	2.5	0	33.23	3.01
1810	J-927	22.29	0	68.54	4.53
1813	J-928	16.35	0	66.93	4.95
1815	J-929	2.17	0	40.2	3.72
1818	J-930	2.25	0	40.03	3.7
1820	J-931	2	0	40.97	3.81
1822	J-932	17	0	68.33	5.02
1824	J-933	2.32	0	39.84	3.67
1826	J-934	17.62	0	66.06	4.74
1827	J-935	17.87	0	66.12	4.72
1830	J-936	3.46	0	40.5	3.62
1832	J-937	2.17	0	41.49	3.85
1835	J-938	1.8	0	40.82	3.82
1837	J-939	2	0	41.16	3.83
1840	J-940	2.8	0	38.71	3.51
1843	J-941	3	0	33.22	2.96
1846	J-942	21.45	0	72.78	5.02
1848	J-943	4.84	0	31.34	2.59
1849	J-944	5	0	31.35	2.58
1851	J-945	4.63	0	31.67	2.65
1854	J-946	3	0	41.23	3.74
1855	J-947	2	0	41.2	3.84
1857	J-948	5	0.3	31.38	2.58
1860	J-949	2.7	0	39.01	3.55
1861	J-950	2.74	0	38.91	3.54
1863	J-951	16.13	0	66.63	4.94
1869	J-952	20.37	0	67	4.56
1871	J-953	20.46	0	67.28	4.58
1873	J-954	17.8	0	70.51	5.16
1875	J-955	2	0	41.52	3.87
1876	J-956	2	0	41.52	3.87
1879	J-957	3.7	0	33.32	2.9
1883	J-958	18.54	0	66.33	4.68
1885	J-959	11.46	0	63.85	5.13
1889	J-960	2.8	0	38.82	3.53
1891	J-961	4	0	31.61	2.7
1893	J-962	5	0	31.36	2.58
1896	J-963	2	0	41.52	3.87
1897	J-964	2	0	41.51	3.87
1900	J-965	2	0	41.06	3.82
1902	J-966	3.32	0	34.04	3.01
1906	J-967	1.26	0	40.97	3.89
1908	J-968	3.49	0	33.98	2.98
1914	J-969	3	0	33.22	2.96
1915	J-970	2.89	0	33.22	2.97
1918	J-971	2.18	0	41.5	3.85
1919	J-972	2.55	0.3	41.49	3.81
1921	J-973	2.47	0	41.49	3.82
1923	J-974	2	0	41.44	3.86
1926	J-975	2.39	0	39.46	3.63
1929	J-976	9.99	0	62.41	5.13
1930	J-977	9.98	0	62.3	5.12
1941	J-978	21.35	0	71.73	4.93

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
1944	J-979	3.4	0.3	33.29	2.92
1950	J-980	20.18	0	67.19	4.6
1953	J-981	15.61	0	66.01	4.93
1956	J-982	2.59	0	33.24	3
1958	J-983	2.95	0	33.24	2.96
1960	J-984	3.13	0	33.28	2.95
1967	J-985	35.92	0.3	61.09	2.46
1971	J-986	4.75	0	31.48	2.62
1977	J-987	2.51	0	39.2	3.59
1980	J-988	21.54	0	70.52	4.79
1984	J-989	4.43	0	31.8	2.68
1988	J-990	16.26	0	66.01	4.87
1989	J-991	16.84	0.3	66.01	4.81
1991	J-992	17.23	0	66.01	4.77
1992	J-993	17.15	0	66.02	4.78
1994	J-994	3.04	0	33.26	2.96
1999	J-995	17.14	0	66.01	4.78
2003	J-996	15.6	0	66.01	4.93
2005	J-997	17.18	0	66.02	4.78
2007	J-998	11.1	0	63.53	5.13
2009	J-999	21.42	0	72.25	4.97
2017	J-1000	10.64	0	63.15	5.14
2018	J-1001	10.33	0	62.82	5.14
2021	J-1002	4	0	31.98	2.74
2024	J-1003	19.47	0	66.64	4.62
2032	J-1004	4	0	31.13	2.66
2033	J-1005	4	0.3	31.06	2.65
2035	J-1006	4	0	30.78	2.62
2036	J-1007	4	0.3	30.71	2.61
2038	J-1008	3.43	0	31.92	2.79
2039	J-1009	3.47	0	31.84	2.78
2041	J-1010	4	0	31.04	2.65
2042	J-1011	4	0.3	30.96	2.64
2044	J-1012	4	0	30.79	2.62
2045	J-1013	4	0.3	30.71	2.61
2047	J-1014	4	0	31.2	2.66
2048	J-1015	4	0.3	31.11	2.65
2050	J-1016	4	0	31.03	2.65
2051	J-1017	4	0.3	30.94	2.64
2053	J-1018	5	0	30.23	2.47
2054	J-1019	4.99	0	30.14	2.46
2056	J-1020	4	0	31.51	2.69
2057	J-1021	4	0.3	31.41	2.68
2059	J-1022	4.64	0	30.17	2.5
2060	J-1023	4.7	0	30.07	2.48
2062	J-1024	3.51	0	31.27	2.72
2063	J-1025	3.39	0.3	31.17	2.72
2065	J-1026	4.46	0	30.47	2.55
2066	J-1027	4.45	0.3	30.35	2.53
2068	J-1028	4.81	0.3	29.83	2.45
2069	J-1029	4.79	0	29.96	2.46
2071	J-1030	4.8	0	29.96	2.46
2072	J-1031	4.79	0.3	29.83	2.45
2074	J-1032	4	0	31.08	2.65
2075	J-1033	4	0	31.08	2.65
2077	J-1034	4.01	0	30.75	2.62
2078	J-1035	4.01	0	30.75	2.62
2080	J-1036	4.44	0.3	31.08	2.61
2082	J-1037	4.19	0	30.02	2.53
2083	J-1038	4.23	0.3	29.89	2.51
2085	J-1039	4	0	31.3	2.67
2086	J-1040	4	0.3	31.16	2.66
2088	J-1041	4.59	0	30.31	2.52
2090	J-1042	3.86	0.3	27.01	2.27
2091	J-1043	3.91	0	27.15	2.27

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
2093	J-1044	4.19	0	31.49	2.67
2094	J-1045	4.3	0.3	31.35	2.65
2097	J-1046	4.76	0.3	29.92	2.46
2099	J-1047	4	0	31.29	2.67
2100	J-1048	4	0	31.29	2.67
2102	J-1049	4.88	0	28.64	2.33
2103	J-1050	4.95	0.3	28.48	2.3
2105	J-1051	3.79	0	31.66	2.73
2106	J-1052	3.74	0.3	31.51	2.72
2108	J-1053	4.02	0.3	30.47	2.59
2109	J-1054	4.09	0	30.63	2.6
2111	J-1055	5	0	30.1	2.46
2112	J-1056	5	0.3	29.94	2.44
2114	J-1057	4.87	0.3	28.48	2.31
2116	J-1058	3.99	0	27.31	2.28
2118	J-1059	4	0	31.21	2.66
2119	J-1060	4	0	31.05	2.65
2121	J-1061	5	0	29.58	2.41
2122	J-1062	5	0.3	29.41	2.39
2124	J-1063	4.44	0	27.65	2.27
2125	J-1064	4.51	0.3	27.48	2.25
2127	J-1065	5	0	27.9	2.24
2128	J-1066	5	0.3	27.72	2.22
2130	J-1067	4.51	0.3	30.88	2.58
2131	J-1068	4.55	0	31.06	2.59
2133	J-1069	4.37	0.3	31.01	2.61
2134	J-1070	4.31	0	31.19	2.63
2137	J-1071	4.86	0.3	30.56	2.52
2138	J-1072	4.87	0	30.76	2.53
2140	J-1073	4.88	0.3	30.03	2.46
2142	J-1074	5	0.3	30.39	2.48
2143	J-1075	4.98	0	30.59	2.51
2145	J-1076	4.96	0	29.69	2.42
2146	J-1077	4.94	0.3	29.48	2.4
2148	J-1078	4.73	0.3	29.84	2.46
2150	J-1079	4.16	0	31.31	2.66
2151	J-1080	4.35	0.3	31.09	2.62
2153	J-1081	4	0.3	30.67	2.61
2154	J-1082	4	0	30.9	2.63
2156	J-1083	5	0	30.36	2.48
2158	J-1084	5	0.3	29.35	2.38
2161	J-1085	4	0	30.79	2.62
2164	J-1086	4	0.3	30.52	2.6
2166	J-1087	4.3	0	30.32	2.55
2171	J-1088	3.04	0	31.34	2.77
2172	J-1089	2.76	0	30.99	2.76
2174	J-1090	5	0	27.14	2.17
2175	J-1091	4.8	0.3	26.78	2.15
2177	J-1092	4.45	0.3	29.96	2.5
2179	J-1093	3.5	0.3	32	2.79
2181	J-1094	4	0.3	30.78	2.62
2183	J-1095	3.51	0.3	31.75	2.76
2185	J-1096	4	0.3	32.07	2.75
2188	J-1097	3.71	0	32.47	2.81
2189	J-1098	3.43	0.3	31.94	2.79
2191	J-1099	4	0.3	31.71	2.71
2193	J-1100	4	0.3	31.79	2.72
2196	J-1101	3	0.3	30.29	2.67
2198	J-1102	5	0	27.86	2.24
2200	J-1103	4.01	0	30.76	2.62
2202	J-1104	34	0	78.05	4.31
2204	J-1105	22.8	0	64.15	4.05
2205	J-1106	22.67	0	64.14	4.06
2207	J-1107	19.29	0	69.23	4.89
2208	J-1108	19.32	0	69.23	4.88

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
2210	J-1109	23.28	0	62.54	3.84
2212	J-1110	29.05	0	65.01	3.52
2213	J-1111	29.05	0	64.99	3.52
2215	J-1112	3	0.3	40.89	3.71
2217	J-1113	21.69	0	69	4.63
2218	J-1114	21.67	0	68.97	4.63
2220	J-1115	1.81	0	33.17	3.07
2222	J-1116	46.37	0	60.52	1.38
2223	J-1117	46.4	0	60.5	1.38
2225	J-1118	40.29	0	60.67	1.99
2226	J-1119	40.41	0.3	60.64	1.98
2228	J-1120	29.02	0	65.04	3.53
2230	J-1121	33.27	0	66.41	3.24
2232	J-1122	23.23	0	65.97	4.18
2234	J-1123	1.78	0	33.14	3.07
2236	J-1124	42.36	0	60.19	1.75
2237	J-1125	42.52	0	60.17	1.73
2239	J-1126	1.84	0	33.13	3.06
2240	J-1127	1.87	0	33.1	3.06
2242	J-1128	2	0.3	33.37	3.07
2244	J-1129	3.24	0	38.33	3.43
2245	J-1130	3.28	0.3	38.3	3.43
2247	J-1131	42.07	0	60.22	1.78
2249	J-1132	2	0	40.67	3.78
2250	J-1133	2	0	40.64	3.78
2252	J-1134	29.02	0	64.96	3.52
2254	J-1135	23.29	0	65.87	4.17
2255	J-1136	23.32	0	65.84	4.16
2257	J-1137	23.88	0	65.6	4.08
2258	J-1138	24.02	0	65.56	4.07
2261	J-1139	8.94	0.3	61.13	5.11
2262	J-1140	8.89	0	61.09	5.11
2264	J-1141	2.99	0.3	40.22	3.64
2265	J-1142	2.98	0	40.18	3.64
2267	J-1143	17.48	0	69.2	5.06
2269	J-1144	34.83	0	67.55	3.2
2271	J-1145	1.56	0	40.27	3.79
2273	J-1146	7.4	0	60.13	5.16
2274	J-1147	7.47	0	60.1	5.15
2276	J-1148	17.51	0	65.26	4.67
2277	J-1149	17.57	0	65.23	4.66
2279	J-1150	15.07	0	65.65	4.95
2280	J-1151	15.03	0.3	65.62	4.95
2282	J-1152	2.76	0	38.78	3.53
2283	J-1153	2.74	0	38.74	3.52
2285	J-1154	21.27	0	72.96	5.06
2287	J-1155	46.86	0.3	60.46	1.33
2289	J-1156	23.4	0	65.93	4.16
2291	J-1157	2.77	0	38.82	3.53
2293	J-1158	1.51	0	40.23	3.79
2295	J-1159	22.48	0	64.1	4.07
2297	J-1160	4.14	0.3	30.72	2.6
2299	J-1161	2	0	40.59	3.78
2300	J-1162	2	0	40.55	3.77
2302	J-1163	2.78	0	38.86	3.53
2304	J-1164	12.47	0	64.19	5.06
2306	J-1165	38.24	0	69.85	3.09
2307	J-1166	38.66	0.3	69.8	3.05
2309	J-1167	28	0	76.32	4.73
2310	J-1168	28.12	0	76.28	4.71
2312	J-1169	21.04	0	70.24	4.81
2313	J-1170	20.89	0	70.2	4.83
2315	J-1171	2.69	0	42.43	3.89
2316	J-1172	2.61	0	42.47	3.9
2318	J-1173	21.48	0	69.86	4.74

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
2319	J-1174	21.42	0	69.82	4.74
2321	J-1175	2.82	0	39.57	3.6
2322	J-1176	2.82	0	39.52	3.59
2324	J-1177	1.94	0	40.83	3.81
2325	J-1178	2	0	40.79	3.8
2328	J-1179	28.65	0	65.08	3.57
2330	J-1180	21.51	0	69.91	4.74
2332	J-1181	30.33	0	65.9	3.48
2334	J-1182	21.59	0.3	61.59	3.91
2336	J-1183	31.75	0	75.94	4.33
2337	J-1184	32.47	0.3	75.89	4.25
2339	J-1185	9.75	0.3	61.96	5.11
2340	J-1186	9.71	0	61.91	5.11
2342	J-1187	2.91	0	38.61	3.49
2343	J-1188	2.96	0	38.56	3.48
2345	J-1189	22	0	68.66	4.57
2347	J-1190	3.01	0	38.52	3.47
2349	J-1191	2.04	0	41.26	3.84
2351	J-1192	1.73	0	33.09	3.07
2353	J-1193	23.4	0	62.49	3.83
2355	J-1194	35.26	0	70.27	3.43
2356	J-1195	35.49	0	70.22	3.4
2358	J-1196	2.34	0	39.8	3.67
2359	J-1197	2.37	0	39.74	3.66
2361	J-1198	4.09	0.3	31.12	2.64
2363	J-1199	44.74	0	60.63	1.56
2364	J-1200	45.71	0	60.58	1.46
2366	J-1201	41.56	0	60.27	1.83
2368	J-1202	2.53	0	39.16	3.58
2369	J-1203	2.57	0	39.1	3.58
2371	J-1204	51.28	0	60.63	0.92
2373	J-1205	22.02	0	68.61	4.56
2375	J-1206	23.31	0	65.78	4.16
2377	J-1207	9.42	0	61.97	5.14
2379	J-1208	2.26	0	40.11	3.7
2380	J-1209	2.33	0.3	40.17	3.7
2382	J-1210	3.57	0	41.18	3.68
2384	J-1211	34	0	77.88	4.29
2385	J-1212	34.03	0	77.82	4.29
2387	J-1213	31	0	76	4.4
2389	J-1214	23.46	0	65.72	4.14
2391	J-1215	34.74	0.3	77.76	4.21
2393	J-1216	1.68	0	33.03	3.07
2395	J-1217	4.08	0	42.67	3.78
2397	J-1218	23.66	0	65.67	4.11
2399	J-1219	1.95	0	33.05	3.04
2401	J-1220	1.57	0	39.54	3.72
2402	J-1221	1.6	0	39.48	3.71
2404	J-1222	2.81	0	39.46	3.59
2406	J-1223	6	0	32.6	2.6
2407	J-1224	6	0	32.54	2.6
2409	J-1225	43.4	0	60.11	1.64
2411	J-1226	3	0	42.27	3.84
2412	J-1227	2.88	0	42.33	3.86
2414	J-1228	2.3	0	40.48	3.74
2415	J-1229	2.31	0	40.42	3.73
2417	J-1230	43.72	0	60.71	1.66
2420	J-1231	35.1	0	67.49	3.17
2422	J-1232	36.02	0	67.36	3.07
2423	J-1233	36.58	0	67.3	3.01
2425	J-1234	17.68	0	65.16	4.65
2427	J-1235	2.85	0	38.68	3.51
2430	J-1236	2.44	0	41.01	3.78
2431	J-1237	2.35	0.3	40.95	3.78
2433	J-1238	27.42	0	75.19	4.68

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
2434	J-1239	27.7	0.3	75.13	4.64
2436	J-1240	25	0	66.43	4.06
2438	J-1241	29.13	0	60.42	3.06
2439	J-1242	28.89	0	60.36	3.08
2441	J-1243	2.38	0	41.24	3.8
2442	J-1244	2.35	0.3	41.17	3.8
2444	J-1245	29.36	0	60.59	3.06
2446	J-1246	20.69	0	70.13	4.84
2448	J-1247	34.41	0	77.99	4.27
2450	J-1248	2.39	0.3	39.68	3.65
2452	J-1249	14.98	0	64.74	4.87
2455	J-1250	2.31	0	39.86	3.68
2457	J-1251	6	0	32.86	2.63
2459	J-1252	1.55	0	39.61	3.72
2461	J-1253	3	0	39.16	3.54
2462	J-1254	3	0.3	39.09	3.53
2465	J-1255	2.82	0	38.75	3.52
2467	J-1256	16.64	0	64.82	4.72
2468	J-1257	16.69	0.3	64.75	4.7
2470	J-1258	3.46	0	30.77	2.67
2471	J-1259	3.32	0	30.7	2.68
2473	J-1260	17	0	68.04	5
2474	J-1261	17.01	0.3	67.97	4.99
2476	J-1262	1.52	0	40.91	3.85
2478	J-1263	3	0	39.96	3.62
2479	J-1264	3	0	39.89	3.61
2481	J-1265	24.53	0	66.77	4.13
2483	J-1266	3	0.3	40.8	3.7
2484	J-1267	3	0	40.73	3.69
2486	J-1268	3.1	0	38.44	3.46
2488	J-1269	2.44	0.3	43.83	4.05
2490	J-1270	17	0	68.21	5.01
2491	J-1271	17	0	68.14	5
2493	J-1272	28.79	0.3	64.89	3.53
2495	J-1273	23.06	0	64.23	4.03
2497	J-1274	29.39	0	60.5	3.04
2499	J-1275	3	0	39.6	3.58
2500	J-1276	2.97	0.3	39.52	3.58
2503	J-1277	2.11	0.3	41.53	3.86
2505	J-1278	2.91	0	40.84	3.71
2506	J-1279	2.88	0.3	40.76	3.71
2508	J-1280	2.72	0	38.63	3.52
2510	J-1281	2.45	0	41.14	3.79
2511	J-1282	2.24	0	41.06	3.8
2513	J-1283	15.34	0	65.94	4.95
2515	J-1284	40.83	0.3	60.35	1.91
2517	J-1285	2.12	0	40.41	3.75
2518	J-1286	2.14	0.3	40.32	3.74
2520	J-1287	2.89	0.3	40.18	3.65
2521	J-1288	2.89	0	40.09	3.64
2523	J-1289	6	0	32.77	2.62
2525	J-1290	19.27	0	69.23	4.89
2526	J-1291	19.41	0	69.23	4.88
2528	J-1292	19.44	0	69.23	4.87
2530	J-1293	15.24	0	65.84	4.95
2531	J-1294	15.17	0	65.75	4.95
2533	J-1295	2.64	0	39.01	3.56
2534	J-1296	2.72	0.3	38.92	3.54
2536	J-1297	18.06	0	60.74	4.18
2537	J-1298	17.82	0.3	60.66	4.19
2540	J-1299	3	0.3	41.49	3.77
2541	J-1300	3	0	41.57	3.78
2543	J-1301	4.04	0	42.58	3.77
2545	J-1302	18.69	0	60.98	4.14
2546	J-1303	18.45	0	60.89	4.15

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
2548	J-1304	2.87	0	39.76	3.61
2549	J-1305	2.83	0	39.67	3.61
2551	J-1306	2.65	0	39.04	3.56
2552	J-1307	2.61	0	38.95	3.56
2554	J-1308	2.76	0	40.43	3.69
2555	J-1309	2.72	0.3	40.34	3.68
2557	J-1310	9.17	0	60.83	5.06
2558	J-1311	9.23	0.3	60.74	5.04
2560	J-1312	22.36	0	63.85	4.06
2561	J-1313	22.32	0.3	63.76	4.06
2563	J-1314	1.53	0	39.7	3.74
2565	J-1315	4.94	0	31.13	2.56
2567	J-1316	20.89	0	72.87	5.09
2570	J-1317	27.84	0	65.17	3.65
2572	J-1318	43.67	0	60.02	1.6
2574	J-1319	3.29	0	41.66	3.76
2576	J-1320	3	0	32.74	2.91
2577	J-1321	3	0.3	32.65	2.9
2580	J-1322	15	0	64.07	4.8
2581	J-1323	15.06	0	64.16	4.81
2583	J-1324	19.36	0	69.23	4.88
2584	J-1325	19.4	0	69.23	4.88
2586	J-1326	51.9	0	60.54	0.84
2589	J-1327	17.5	0	65.36	4.68
2591	J-1328	5	0	31.11	2.55
2592	J-1329	5	0.3	31.2	2.56
2594	J-1330	14.79	0.3	63.76	4.79
2595	J-1331	15	0	63.86	4.78
2597	J-1332	2.97	0	41.07	3.73
2599	J-1333	23.66	0	62.22	3.77
2600	J-1334	23.72	0.3	62.12	3.76
2602	J-1335	2.98	0	41.53	3.77
2603	J-1336	2.84	0	41.43	3.78
2605	J-1337	13.98	0.3	64.64	4.96
2608	J-1338	2	0	40.45	3.76
2611	J-1339	5.97	0.3	32.7	2.62
2613	J-1340	35.97	0	70.11	3.34
2614	J-1341	36.71	0	70.01	3.26
2616	J-1342	2.92	0	39.82	3.61
2617	J-1343	2.9	0.3	39.72	3.6
2619	J-1344	2	0	41.3	3.85
2620	J-1345	2	0	41.19	3.84
2622	J-1346	3	0	39.7	3.59
2624	J-1347	2.86	0	40.95	3.73
2625	J-1348	2.76	0.3	40.85	3.73
2627	J-1349	18.33	0	60.62	4.14
2628	J-1350	18.45	0.3	60.52	4.12
2631	J-1351	24.81	0	65.46	3.98
2634	J-1352	21	0.3	69.71	4.77
2637	J-1353	2	0.3	39.41	3.66
2638	J-1354	2	0	39.51	3.67
2640	J-1355	12.39	0	64.12	5.06
2642	J-1356	26.82	0	75.3	4.75
2645	J-1357	43.12	0.3	59.91	1.64
2647	J-1358	12.31	0	64.01	5.06
2649	J-1359	2.46	0	41.37	3.81
2651	J-1360	6	0	32.35	2.58
2652	J-1361	6	0	32.24	2.57
2654	J-1362	4.97	0	31.37	2.58
2656	J-1363	2	0	39.63	3.68
2659	J-1364	3.42	0	32.98	2.89
2660	J-1365	3.4	0.3	32.87	2.88
2662	J-1366	50.81	0.3	60.42	0.94
2666	J-1367	3.56	0	41.02	3.67
2667	J-1368	3.16	0	40.91	3.69

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
2669	J-1369	39.32	0	60.78	2.1
2671	J-1370	2.84	0	38.77	3.52
2672	J-1371	2.94	0	38.65	3.5
2674	J-1372	2.32	0	38.33	3.52
2675	J-1373	2.21	0.3	38.21	3.52
2677	J-1374	2.83	0	40.54	3.69
2679	J-1375	3	0	39.28	3.55
2681	J-1376	22.64	0	62.06	3.86
2683	J-1377	2.81	0	31.89	2.85
2684	J-1378	2.95	0.3	32.01	2.84
2686	J-1379	4.25	0	31.01	2.62
2688	J-1380	30.42	0.3	65.78	3.46
2692	J-1381	2.88	0.3	40.74	3.71
2693	J-1382	2.86	0	40.62	3.7
2696	J-1383	2.1	0	41.3	3.84
2697	J-1384	2.06	0.3	41.18	3.83
2699	J-1385	2.57	0	42.14	3.87
2700	J-1386	2.56	0.3	42.01	3.86
2702	J-1387	2.86	0.3	32.39	2.89
2705	J-1388	1	0	32.27	3.06
2706	J-1389	1.08	0.3	32.15	3.04
2708	J-1390	1.37	0	40.1	3.79
2710	J-1391	5	0	31.24	2.57
2712	J-1392	5	0.3	31.11	2.56
2714	J-1393	1.64	0.3	39.35	3.69
2716	J-1394	32.87	0	66.24	3.27
2717	J-1395	32.61	0.3	66.11	3.28
2719	J-1396	2.07	0	39.98	3.71
2721	J-1397	3.22	0	38.37	3.44
2722	J-1398	3.35	0.3	38.24	3.41
2724	J-1399	21.28	0	70.11	4.78
2726	J-1400	2	0	41.06	3.82
2728	J-1401	2.35	0	38.66	3.55
2729	J-1402	2.24	0	38.53	3.55
2731	J-1403	2.78	0.3	38.1	3.46
2732	J-1404	2.74	0	37.97	3.45
2734	J-1405	28.86	0	76.15	4.63
2737	J-1406	23.11	0	66.51	4.25
2738	J-1407	22.67	0.3	66.37	4.28
2740	J-1408	2.49	0	38.82	3.56
2742	J-1409	2.06	0	40.93	3.8
2744	J-1410	25.47	0	66.3	4
2746	J-1411	28	0.3	60.22	3.15
2748	J-1412	3	0	40.57	3.68
2749	J-1413	3	0	40.43	3.66
2752	J-1414	2.8	0	40.35	3.67
2753	J-1415	2.78	0.3	40.22	3.66
2755	J-1416	3	0	41.71	3.79
2757	J-1417	2.96	0.3	39.9	3.61
2759	J-1418	26.21	0	65.31	3.83
2761	J-1419	2	0	32.21	2.96
2762	J-1420	1.98	0	32.07	2.94
2764	J-1421	3	0	40.1	3.63
2766	J-1422	46.5	0	62.77	1.59
2767	J-1423	47.92	0.3	62.63	1.44
2769	J-1424	38.02	0.3	67.16	2.85
2771	J-1425	7.67	0	60.27	5.15
2773	J-1426	2.48	0	41.57	3.83
2775	J-1427	17.67	0	69.06	5.03
2777	J-1428	2.59	0	42.33	3.89
2779	J-1429	5	0	30.96	2.54
2781	J-1430	21.94	0	68.66	4.57
2783	J-1431	2.42	0	41.36	3.81
2784	J-1432	2.18	0.3	41.22	3.82
2788	J-1433	2.89	0	41.28	3.76

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
2789	J-1434	2.96	0.3	41.13	3.74
2791	J-1435	2.24	0.3	40.78	3.77
2794	J-1436	1.64	0	41.06	3.86
2796	J-1437	6	0	32.62	2.61
2800	J-1438	20.41	0	69.98	4.85
2802	J-1439	2.13	0.3	38.38	3.55
2804	J-1440	22.2	0	68.41	4.52
2805	J-1441	22.33	0.3	68.25	4.49
2808	J-1442	2.57	0	39.27	3.59
2809	J-1443	2.37	0	39.12	3.6
2811	J-1444	2.94	0	39.97	3.62
2813	J-1445	16.52	0	64.98	4.74
2815	J-1446	12.12	0.3	63.85	5.06
2817	J-1447	3	0	41.87	3.8
2819	J-1448	2	0.3	40.29	3.75
2821	J-1449	16.39	0.3	65.14	4.77
2823	J-1450	4.01	0	42.42	3.76
2825	J-1451	7.61	0	59.2	5.05
2826	J-1452	7.78	0.3	59.36	5.05
2828	J-1453	2.86	0	33.32	2.98
2829	J-1454	2.78	0	33.32	2.99
2831	J-1455	2.13	0	40.04	3.71
2832	J-1456	2	0.3	39.88	3.71
2834	J-1457	3	0.3	40.27	3.65
2836	J-1458	2.85	0.3	40.58	3.69
2837	J-1459	2.78	0	40.42	3.68
2839	J-1460	21.8	0.3	68.5	4.57
2841	J-1461	19.12	0.3	71.16	5.09
2842	J-1462	19.48	0	71	5.04
2844	J-1463	2	0	39.82	3.7
2846	J-1464	3	0	42.03	3.82
2850	J-1465	12.63	0	64.02	5.03
2852	J-1466	2.38	0.3	31.52	2.85
2853	J-1467	2.54	0	31.68	2.85
2855	J-1468	2.92	0	39.44	3.57
2857	J-1469	1.53	0	32.87	3.07
2859	J-1470	6	0.3	32.46	2.59
2861	J-1471	2.35	0	40.22	3.71
2862	J-1472	2.38	0.3	40.05	3.69
2864	J-1473	3	0.3	30.53	2.69
2866	J-1474	2.46	0	33.56	3.04
2867	J-1475	2.16	0	33.39	3.06
2870	J-1476	6	0	31.07	2.45
2871	J-1477	5.85	0.3	30.9	2.45
2873	J-1478	2.12	0.3	40.4	3.75
2874	J-1479	2.14	0	40.23	3.73
2876	J-1480	2.03	0.3	40.24	3.74
2879	J-1481	9.19	0	61	5.07
2881	J-1482	4	0.3	42.25	3.74
2883	J-1483	2.04	0	40.2	3.73
2884	J-1484	2	0.3	40.03	3.72
2887	J-1485	2.48	0	38.5	3.53
2889	J-1486	3	0	33.32	2.97
2891	J-1487	1.16	0	32.45	3.06
2893	J-1488	19.13	0.3	61.16	4.11
2895	J-1489	2.73	0.3	39.29	3.58
2897	J-1490	2.22	0	38.19	3.52
2898	J-1491	2.03	0.3	38.01	3.52
2900	J-1492	1.17	0	39.92	3.79
2902	J-1493	2.02	0.3	40.88	3.8
2904	J-1494	1.07	0.3	39.74	3.78
2906	J-1495	9.39	0	61.79	5.13
2908	J-1496	22.99	0.3	64.41	4.05
2910	J-1497	2.84	0	33.76	3.03
2912	J-1498	2.36	0	39.22	3.61

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
2913	J-1499	2.15	0	39.03	3.61
2915	J-1500	2.2	0.3	39.44	3.64
2916	J-1501	2.07	0	39.25	3.64
2918	J-1502	9.31	0	61.6	5.12
2920	J-1503	2.84	0	38.76	3.52
2921	J-1504	2.68	0	38.58	3.51
2926	J-1505	3	0.3	40.57	3.68
2927	J-1506	3	0	40.38	3.66
2929	J-1507	17.52	0.3	65.55	4.7
2931	J-1508	2	0.3	39.06	3.63
2935	J-1509	19.99	0	70.74	4.97
2936	J-1510	20.18	0.3	70.55	4.93
2938	J-1511	5	0.3	30.76	2.52
2940	J-1512	21.87	0	69.19	4.63
2944	J-1513	1.34	0	32.65	3.06
2946	J-1514	4.31	0	40.65	3.56
2947	J-1515	4.3	0	40.45	3.54
2951	J-1516	18.96	0	61.26	4.14
2952	J-1517	18.29	0.3	61.06	4.19
2954	J-1518	3	0.3	33.05	2.94
2957	J-1519	2.49	0.3	38.37	3.51
2959	J-1520	4.31	0.3	40.25	3.52
2961	J-1521	2.94	0	39.89	3.62
2964	J-1522	2.02	0.3	38.82	3.6
2967	J-1523	19.88	0	69.77	4.88
2970	J-1524	2.94	0	39.68	3.6
2972	J-1525	6.4	0	32.03	2.51
2974	J-1526	7.39	0	58.98	5.05
2977	J-1527	9.29	0	61.21	5.08
2980	J-1528	4.22	0.3	41.55	3.65
2981	J-1529	4.3	0	41.33	3.62
2983	J-1530	2.46	0	38.41	3.52
2985	J-1531	2	0	31.68	2.9
2986	J-1532	1.97	0.3	31.46	2.89
2988	J-1533	9.58	0	61.67	5.1
2989	J-1534	9.45	0	61.45	5.09
2991	J-1535	3	0	32.97	2.93
2995	J-1536	1.51	0	40.08	3.77
2997	J-1537	2.7	0.3	33.01	2.97
2998	J-1538	2.59	0	33.24	3
3000	J-1539	26.35	0	66.07	3.89
3002	J-1540	2.29	0.3	38.89	3.58
3004	J-1541	17.86	0.3	68.83	4.99
3006	J-1542	2	0	32.8	3.01
3007	J-1543	2	0	32.57	2.99
3009	J-1544	18.03	0	64.93	4.59
3012	J-1545	3	0	33.32	2.97
3017	J-1546	2	0.3	33.15	3.05
3021	J-1547	7.14	0.3	58.74	5.05
3026	J-1548	43.91	0.3	63.02	1.87
3029	J-1549	20.19	0	61.51	4.04
3031	J-1550	12.65	0	63.77	5
3033	J-1551	22.13	0	61.81	3.88
3035	J-1552	2.36	0	39.47	3.63
3037	J-1553	21.52	0.3	68.72	4.62
3040	J-1554	6.04	0	31.77	2.52
3042	J-1555	27.53	0.3	65.81	3.75
3045	J-1556	12.58	0	51.62	3.82
3046	J-1557	12.47	0.3	51.36	3.81
3050	J-1558	12.43	0	63.49	5
3055	J-1559	19.91	0.3	72.59	5.16
3057	J-1560	18.25	0.3	64.64	4.54
3061	J-1561	4.23	0	40.96	3.59
3063	J-1562	19.72	0	69.23	4.85
3065	J-1563	12.71	0.3	51.94	3.84

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
3067	J-1564	12.19	0	63.15	4.99
3068	J-1565	12.17	0.3	62.82	4.96
3070	J-1566	6.19	0	31.43	2.47
3073	J-1567	3.14	0.3	32.88	2.91
3076	J-1568	2.59	0.3	37.62	3.43
3078	J-1569	8.41	0	60.74	5.12
3080	J-1570	8.04	0.3	59.74	5.06
3082	J-1571	15.41	0.3	64.52	4.81
3084	J-1572	9.12	0.3	61.24	5.1
3090	J-1573	19.15	0.3	69.4	4.92
3094	J-1574	2.62	0.3	40.01	3.66
3097	J-1575	4.98	0	30.6	2.51
3099	J-1576	4.17	0	31.53	2.68
3101	J-1577	23.22	0	62.52	3.85
3103	J-1578	2.98	0	41.15	3.74
3104	J-1579	2.98	0	41.13	3.73
3107	J-1580	38.58	0	60.69	2.16
3108	J-1581	38.83	0	60.67	2.14
3110	J-1582	21.67	0	62.13	3.96
3111	J-1583	21.6	0	62.11	3.97
3113	J-1584	21.09	0	61.93	4
3114	J-1585	20.99	0	61.91	4
3116	J-1586	4	0	30.8	2.62
3118	J-1587	4.04	0	30.7	2.61
3120	J-1588	21.54	0	62.09	3.97
3122	J-1589	2.97	0	41.18	3.74
3125	J-1590	3.75	0	32.22	2.79
3127	J-1591	21.19	0	61.96	3.99
3129	J-1592	4.65	0	31.51	2.63
3132	J-1593	3.14	0	32.22	2.85
3133	J-1594	3.2	0	32.25	2.84
3135	J-1595	4.91	0	30.72	2.53
3137	J-1596	2.06	0	40.84	3.8
3138	J-1597	2.08	0	40.81	3.79
3140	J-1598	21.43	0	62.05	3.98
3142	J-1599	2.93	0	41.1	3.74
3144	J-1600	20.88	0	61.87	4.01
3147	J-1601	4.86	0	29.87	2.45
3149	J-1602	37.73	0	60.73	2.25
3151	J-1603	22.94	0	64.45	4.06
3153	J-1604	18.93	0	71.33	5.13
3154	J-1605	18.96	0	71.29	5.12
3156	J-1606	39.25	0.3	63.58	2.38
3157	J-1607	39.57	0	63.54	2.35
3159	J-1608	21.3	0	62.01	3.98
3161	J-1609	4.6	0	27.7	2.26
3163	J-1610	19.25	0	69.23	4.89
3167	J-1611	40.49	0	60.4	1.95
3169	J-1612	3.91	0	31.39	2.69
3172	J-1613	33.19	0	60.96	2.72
3173	J-1614	33.99	0	60.91	2.64
3175	J-1615	4.15	0	42.67	3.77
3177	J-1616	12.02	0	52.88	4
3178	J-1617	12.08	0	52.83	3.99
3180	J-1618	4.22	0	41.6	3.66
3182	J-1619	19.02	0	71.21	5.11
3184	J-1620	4.47	0.3	30.31	2.53
3186	J-1621	3.24	0	32.32	2.85
3188	J-1622	4.29	0.3	30.56	2.57
3190	J-1623	5	0	31.26	2.57
3193	J-1624	21.9	0	62.19	3.94
3195	J-1625	34.1	0	64.95	3.02
3197	J-1626	4.29	0	30.53	2.57
3199	J-1627	3.75	0	41.17	3.66
3201	J-1628	19.17	0	69.23	4.9

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
3204	J-1629	2.12	0	40.74	3.78
3206	J-1630	4	0	31.58	2.7
3208	J-1631	4.17	0	30.72	2.6
3210	J-1632	3	0	32.08	2.85
3212	J-1633	4.23	0	42.61	3.76
3214	J-1634	12.2	0	52.74	3.97
3215	J-1635	12.27	0	52.68	3.95
3217	J-1636	2.82	0	41.06	3.74
3219	J-1637	2.72	0	41.56	3.8
3221	J-1638	4	0	31.35	2.68
3224	J-1639	3.77	0	32.07	2.77
3227	J-1640	22.89	0	62.45	3.87
3229	J-1641	5	0	28.19	2.27
3231	J-1642	2.92	0	41.26	3.75
3233	J-1643	2.92	0	41.01	3.73
3236	J-1644	3.67	0	32.13	2.79
3238	J-1645	2.97	0	41.1	3.73
3240	J-1646	20.6	0	61.79	4.03
3244	J-1647	11.94	0	52.97	4.02
3246	J-1648	3.44	0	32.01	2.8
3248	J-1649	35.6	0	60.82	2.47
3251	J-1650	7.97	0	59.58	5.05
3252	J-1651	7.89	0	59.49	5.05
3254	J-1652	2.91	0	40.27	3.66
3257	J-1653	3.29	0	39.99	3.59
3260	J-1654	9.98	0	62.31	5.12
3262	J-1655	4.71	0	29.43	2.42
3264	J-1656	2.89	0	40.69	3.7
3267	J-1657	17.5	0	65.95	4.74
3269	J-1658	4	0	31.29	2.67
3270	J-1659	4	0	31.29	2.67
3272	J-1660	36.09	0	64.59	2.79
3273	J-1661	37.78	0	64.36	2.6
3275	J-1662	8.08	0	59.69	5.05
3277	J-1663	4.85	0	31.4	2.6
3280	J-1664	3	0	40.33	3.65
3285	J-1665	2.11	0	41.2	3.83
3287	J-1666	39.56	0	60.55	2.05
3289	J-1667	9.19	0	61.43	5.11
3292	J-1668	3	0	40.76	3.7
3293	J-1669	3	0	40.63	3.68
3297	J-1670	18.83	0	71.46	5.15
3299	J-1671	3	0	40.5	3.67
3301	J-1672	4.9	0	30.37	2.49
3303	J-1673	38.61	0	63.87	2.47
3305	J-1674	2.76	0	38.23	3.47
3307	J-1675	2.08	0	40.75	3.79
3308	J-1676	2.31	0	40.89	3.78
3314	J-1677	3	0	40.96	3.71
3317	J-1678	3	0	40.71	3.69
3319	J-1679	3	0	41.1	3.73
3321	J-1680	16	0	65.74	4.87
3324	J-1681	3	0	40.95	3.71
3326	J-1682	2.11	0	40.59	3.77
3328	J-1683	2.44	0	40.95	3.77
3330	J-1684	18.56	0	72.03	5.23
3331	J-1685	18.64	0.3	71.7	5.19
3334	J-1686	9.85	0	62.12	5.12
3337	J-1687	4.58	0	30.56	2.54
3339	J-1688	16.29	0	65.3	4.8
3342	J-1689	16.16	0	65.29	4.81
3346	J-1690	18.63	0	69.23	4.95
3350	J-1691	16.12	0	65.57	4.84
3352	J-1692	2.34	0	40.35	3.72
3353	J-1693	2.31	0	40.53	3.74

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
3355	J-1694	19.5	0	61.34	4.09
3360	J-1695	2.79	0	38.43	3.49
3364	J-1696	3	0	40.97	3.72
3366	J-1697	2.11	0	41	3.81
3371	J-1698	12.51	0	52.45	3.91
3373	J-1699	15.63	0	64.75	4.81
3375	J-1700	2.12	0	40.76	3.78
3378	J-1701	18.78	0	69.23	4.94
3381	J-1702	2.03	0	40.5	3.77
3383	J-1703	41.93	0	63.26	2.09
3387	J-1704	12.69	0	52.18	3.86
3391	J-1705	4.38	0	42.34	3.71
3394	J-1706	2.32	0	40.67	3.75
3400	J-1707	2.35	0	39.72	3.66
3406	J-1708	2.39	0	43.57	4.03
3407	J-1709	2.38	0	43.25	4
3410	J-1710	4.31	0	41.99	3.69
3412	J-1711	2.31	0	42.87	3.97
3417	J-1712	8.1	0	60.26	5.1
3423	J-1713	94.41	0	89.74	-0.46
3424	J-1714	94.45	0	89.72	-0.46
3426	J-1715	31.37	0	77.22	4.49
3427	J-1716	31.33	0	77.2	4.49
3429	J-1717	31.21	0	77.15	4.5
3430	J-1718	31.06	0	77.13	4.51
3432	J-1719	31.43	0	77.24	4.48
3434	J-1720	28.56	0	76.61	4.7
3435	J-1721	28.5	0	76.59	4.71
3437	J-1722	31.48	0	77.27	4.48
3439	J-1723	28.41	0	76.55	4.71
3441	J-1724	33.33	0	77.9	4.36
3442	J-1725	33.05	0	77.86	4.39
3445	J-1726	34.13	0	78.18	4.31
3447	J-1727	33.67	0	78.03	4.34
3448	J-1728	33.68	0	77.97	4.33
3450	J-1729	94.11	0	89.81	-0.42
3452	J-1730	21.57	0	73.17	5.05
3453	J-1731	21.58	0	73.12	5.04
3455	J-1732	21.44	0	73.06	5.05
3456	J-1733	21.32	0	73.01	5.06
3459	J-1734	21.17	0	72.96	5.07
3461	J-1735	21.55	0	73.23	5.06
3464	J-1736	28.2	0	76.47	4.72
3467	J-1737	49.08	0	82.78	3.3
3468	J-1738	48.21	0	82.67	3.37
3470	J-1739	20.98	0	72.91	5.08
3472	J-1740	96.62	0	88.47	-0.8
3473	J-1741	97.34	0	88.34	-0.88
3475	J-1742	25.34	0	74.92	4.85
3476	J-1743	25.04	0	74.82	4.87
3478	J-1744	21.49	0	73.33	5.07
3480	J-1745	95.3	0	89.57	-0.56
3482	J-1746	94.87	0	88.65	-0.61
3484	J-1747	21.73	0	73.45	5.06
3488	J-1749	29.87	0	76.96	4.61
3490	J-1750	44.14	0	81.06	3.61
3491	J-1751	43.27	0	80.85	3.68
3493	J-1752	24.75	0	74.68	4.89
3495	J-1753	15.1	0	65.52	4.93
3496	J-1754	14.95	0	65.39	4.94
3498	J-1755	31.64	0	77.5	4.49
3500	J-1756	25.65	0	75.1	4.84
3502	J-1757	17	0	68.59	5.05
3503	J-1758	17	0	68.46	5.04
3505	J-1759	15.21	0	65.67	4.94

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
3507	J-1760	45.67	0	82.38	3.59
3509	J-1761	22.61	0	73.94	5.02
3510	J-1762	22.22	0	73.74	5.04
3512	J-1763	93.5	0	89.27	-0.41
3514	J-1764	44.46	0	81.37	3.61
3516	J-1765	28	0	76.2	4.72
3517	J-1766	27.52	0	75.96	4.74
3519	J-1767	26.81	0	75.69	4.78
3520	J-1768	26.22	0	75.44	4.82
3522	J-1769	16.95	0	68.26	5.02
3529	J-1770	24.02	0	74.37	4.93
3531	J-1771	97.2	0	87.87	-0.91
3533	J-1772	14	0	65.03	4.99
3534	J-1773	14.54	0	64.82	4.92
3537	J-1774	16.09	0	66.72	4.95
3538	J-1775	15.9	0	66.45	4.95
3540	J-1776	17.5	0	69.41	5.08
3541	J-1777	17.26	0	69.11	5.07
3545	J-1778	16.83	0	67.93	5
3548	J-1779	18.62	0	71.72	5.2
3549	J-1780	18.29	0	71.35	5.19
3551	J-1781	75.92	0	85.55	0.94
3552	J-1782	65.33	0	84.77	1.9
3554	J-1783	36.86	0	78.99	4.12
3556	J-1784	18.31	0	70.91	5.15
3558	J-1785	18	0	70.46	5.13
3560	J-1786	16.54	0	67.47	4.98
3562	J-1787	17.89	0	69.91	5.09
3566	J-1788	19.63	0	72.36	5.16
3568	J-1789	89.44	0	86.78	-0.26
3576	J-1790	10.08	0	61.55	5.04
3577	J-1791	9.67	0	60.92	5.02
3580	J-1792	12.4	0	63.79	5.03
3583	J-1793	9.48	0	60.42	4.98
3584	J-1794	9.49	0	60.42	4.99
3586	J-1795	9.67	0	60.92	5.02
3588	J-1796	9.67	0	60.91	5.01
3590	J-1797	9.48	0	60.41	4.98
3592	J-1798	9.47	0	60.38	4.98
3594	J-1799	6	0	42.35	3.56
3595	J-1800	6	0	42.38	3.56
3597	J-1801	8.29	0	56.5	4.72
3598	J-1802	8.3	0	56.53	4.72
3600	J-1803	9.42	0	60.11	4.96
3601	J-1804	9.41	0	60.15	4.97
3603	J-1805	9.43	0	60.24	4.97
3604	J-1806	9.44	0	60.29	4.98
3606	J-1807	8.27	0	56.46	4.72
3608	J-1808	8.33	0	56.59	4.72
3610	J-1809	8.24	0	56.4	4.71
3612	J-1810	6	0	42.3	3.55
3614	J-1811	1.36	0	42.64	4.04
3615	J-1812	1.6	0	42.7	4.02
3617	J-1813	3.25	0	34.77	3.09
3618	J-1814	3.26	0	34.84	3.09
3620	J-1815	6	0	42.23	3.55
3622	J-1816	9.4	0	59.73	4.93
3623	J-1817	9.41	0	59.8	4.93
3625	J-1818	6	0	42.46	3.57
3627	J-1819	3.61	0	42.56	3.81
3629	J-1820	6	0	42.14	3.54
3631	J-1821	8.21	0	56.31	4.71
3635	J-1822	8.43	0	56.78	4.73
3636	J-1823	8.47	0	56.88	4.74
3639	J-1824	5	0	39.85	3.41

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ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
3640	J-1825	5	0	39.96	3.42
3642	J-1826	5.95	0	42.03	3.53
3644	J-1827	5.83	0	41.92	3.53
3646	J-1828	7.77	0	54.85	4.61
3647	J-1829	7.79	0	54.96	4.62
3649	J-1830	3.7	0	36.44	3.21
3650	J-1831	3.73	0	36.57	3.21
3652	J-1832	6	0	43.1	3.63
3653	J-1833	5.47	0	43.23	3.7
3655	J-1834	6	0	42.98	3.62
3657	J-1835	5.68	0	41.78	3.53
3659	J-1836	3.12	0	34.33	3.05
3661	J-1837	5.34	0	43.42	3.73
3662	J-1838	5.51	0	43.57	3.72
3664	J-1839	7.73	0	54.7	4.6
3666	J-1840	3.57	0	35.97	3.17
3667	J-1841	3.61	0	36.13	3.18
3669	J-1842	3.2	0	34.61	3.07
3671	J-1843	5.63	0	43.74	3.73
3673	J-1844	5	0	41.11	3.53
3674	J-1845	5.14	0	41.28	3.54
3676	J-1846	7.69	0	54.52	4.58
3678	J-1847	3.83	0	36.93	3.24
3679	J-1848	3.88	0	37.11	3.25
3683	J-1849	6	0	47.39	4.05
3684	J-1850	6.05	0	47.59	4.07
3686	J-1851	3.32	0	35.04	3.1
3688	J-1852	3.37	0	35.24	3.12
3690	J-1853	3.44	0	35.51	3.14
3691	J-1854	3.5	0	35.72	3.15
3693	J-1855	5	0	40.18	3.44
3695	J-1856	8.85	0	57.67	4.78
3696	J-1857	8.96	0	57.9	4.79
3698	J-1858	8.12	0	56.08	4.69
3700	J-1859	9.58	0	60.66	5
3702	J-1860	9.12	0	58.31	4.81
3703	J-1861	9.18	0	58.55	4.83
3705	J-1862	7	0	48.75	4.09
3706	J-1863	7	0	48.99	4.11
3709	J-1864	5	0	40.49	3.47
3710	J-1865	5	0	40.74	3.5
3713	J-1866	8.59	0	57.13	4.75
3715	J-1867	4.48	0	38.55	3.33
3716	J-1868	4.59	0	38.81	3.35
3720	J-1869	5.53	0	44.14	3.78
3721	J-1870	5.59	0	44.42	3.8
3724	J-1871	9.23	0	58.84	4.85
3726	J-1872	5.76	0	44.99	3.84
3727	J-1873	5.87	0	45.29	3.86
3729	J-1874	3.97	0	37.41	3.27
3732	J-1875	4.09	0	37.72	3.29
3734	J-1876	6.38	0	47.98	4.07
3735	J-1877	6.65	0	48.28	4.07
3741	J-1878	7.59	0	54.15	4.56
3744	J-1879	7.99	0	55.69	4.67
3748	J-1880	4.88	0	39.43	3.38
3750	J-1881	9.32	0	59.27	4.89
3757	J-1882	7	0	49.63	4.17
3758	J-1883	7	0	50.23	4.23
3762	J-1884	6	0	46.75	3.99
3764	J-1885	6.02	0	45.94	3.91
3769	J-1886	7	0	51.18	4.32
3771	J-1887	7.35	0	52.71	4.44
3774	J-1888	2.42	0	43.94	4.06
3775	J-1889	2.42	0	43.94	4.06

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
3778	J-1890	2.08	0	41.1	3.82
3779	J-1891	2.04	0	41.09	3.82
3781	J-1892	2.1	0	42.26	3.93
3782	J-1893	2.11	0	42.25	3.93
3784	J-1894	2.86	0	41.59	3.79
3785	J-1895	2.86	0	41.58	3.79
3787	J-1896	1.84	0	41.09	3.84
3788	J-1897	1.76	0	41.09	3.85
3790	J-1898	2.55	0	43.19	3.98
3791	J-1899	2.57	0	43.18	3.97
3793	J-1900	2.02	0	41.31	3.84
3794	J-1901	2.02	0	41.31	3.84
3796	J-1902	2.6	0	41.1	3.77
3797	J-1903	2.47	0	41.1	3.78
3799	J-1904	2.72	0	41.65	3.81
3800	J-1905	2.73	0	41.65	3.81
3802	J-1906	2.71	0	41.66	3.81
3804	J-1907	2.02	0	41.33	3.85
3805	J-1908	2.02	0	41.33	3.85
3807	J-1909	2.68	0	41.68	3.82
3808	J-1910	2.69	0	41.67	3.81
3810	J-1911	2.7	0	41.66	3.81
3813	J-1912	2.27	0	41.1	3.8
3814	J-1913	2.16	0	41.1	3.81
3816	J-1914	2.13	0	42.23	3.92
3817	J-1915	2.14	0	42.22	3.92
3819	J-1916	2.84	0	41.59	3.79
3821	J-1917	2.8	0	41.61	3.8
3822	J-1918	2.81	0	41.61	3.8
3824	J-1919	2.88	0	41.58	3.79
3826	J-1920	2.46	0	41.11	3.78
3827	J-1921	2.46	0	41.1	3.78
3829	J-1922	2.41	0	43.93	4.06
3831	J-1923	2.01	0	41.34	3.85
3833	J-1924	2.54	0	41.11	3.77
3835	J-1925	2	0	41.07	3.82
3839	J-1926	1.34	0	41.08	3.89
3840	J-1927	1.32	0	41.08	3.89
3842	J-1928	1.24	0	41.09	3.9
3844	J-1929	2.64	0	43.16	3.96
3845	J-1930	2.69	0	43.14	3.96
3848	J-1931	2.39	0	41.12	3.79
3849	J-1932	2.43	0	41.11	3.79
3851	J-1933	2.36	0	43.52	4.03
3852	J-1934	2.35	0	43.5	4.03
3854	J-1935	2.75	0	41.64	3.81
3856	J-1936	2.48	0	41.11	3.78
3858	J-1937	2.02	0	41.32	3.85
3862	J-1938	2.55	0	41.78	3.84
3863	J-1939	2.57	0	41.76	3.84
3865	J-1940	2.05	0	41.26	3.84
3866	J-1941	2.03	0	41.26	3.84
3870	J-1942	3	0	42.8	3.9
3871	J-1943	3	0	42.77	3.89
3874	J-1944	2.3	0	41.36	3.82
3875	J-1945	2	0	41.35	3.85
3877	J-1946	2.16	0	42.19	3.92
3879	J-1947	2.53	0	41.44	3.81
3880	J-1948	2.61	0	41.43	3.8
3883	J-1949	2.59	0	41.73	3.83
3885	J-1950	2.74	0	41.38	3.78
3887	J-1951	2.4	0	43.89	4.06
3888	J-1952	2.4	0	43.86	4.06
3890	J-1953	2.78	0	41.63	3.8
3892	J-1954	3	0	41.39	3.76

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
3894	J-1955	2.36	0	43.55	4.03
3896	J-1956	3	0	42.74	3.89
3899	J-1957	2.23	0	42.42	3.93
3900	J-1958	2.11	0	42.39	3.94
3902	J-1959	2.48	0	41.86	3.85
3903	J-1960	2.51	0	41.82	3.85
3906	J-1961	2.34	0	43.47	4.03
3908	J-1962	2.02	0	41.3	3.84
3910	J-1963	3	0	41.46	3.76
3912	J-1964	3	0	41.48	3.77
3914	J-1965	2.03	0	41.29	3.84
3916	J-1966	3	0	41.5	3.77
3919	J-1967	2.33	0	43.43	4.02
3921	J-1968	2.1	0	42.3	3.93
3923	J-1969	2.18	0	41.21	3.82
3924	J-1970	2.06	0	41.2	3.83
3926	J-1971	1.56	0	41.13	3.87
3927	J-1972	1.61	0	41.12	3.87
3929	J-1973	2.02	0	41.31	3.85
3932	J-1974	2.21	0	42.15	3.91
3934	J-1975	2.31	0	43.38	4.02
3936	J-1976	2.37	0	43.59	4.03
3938	J-1977	2.93	0	41.56	3.78
3940	J-1978	2.44	0	41.9	3.86
3942	J-1979	2.03	0	41.29	3.84
3944	J-1980	3	0	42.7	3.89
3946	J-1981	1	0	41.14	3.93
3948	J-1982	2.26	0	42.1	3.9
3951	J-1983	2.03	0	41.19	3.83
3954	J-1984	1.76	0	41.22	3.86
3956	J-1985	2.38	0	41.96	3.87
3959	J-1986	2.39	0	43.8	4.05
3962	J-1987	2.32	0	42.03	3.89
3965	J-1988	1	0	41.25	3.94
3967	J-1989	2.74	0	42.49	3.89
3969	J-1990	2.04	0	41.28	3.84
3972	J-1991	2.3	0	43.27	4.01
3974	J-1992	2.95	0	43.06	3.93
3977	J-1993	1.37	0	41.15	3.89
3980	J-1994	3	0	42.89	3.9
3982	J-1995	3	0	42.59	3.87
3984	J-1996	2.37	0	43.7	4.04
3986	J-1997	1.68	0	41.23	3.87
3993	J-1998	1.46	0	41.17	3.89
3997	J-1999	4.97	0	53.14	4.71
4000	J-2001	9.68	0	60.88	5.01
4001	J-2002	9.68	0	60.87	5.01
4003	J-2003	2.43	0	43.96	4.06
4005	J-2004	9.36	0	60.3	4.99
4006	J-2005	9.36	0	60.28	4.98
4008	J-2006	9.37	0	60.31	4.99
4010	J-2007	9.37	0	60.33	4.99
4012	J-2008	9.32	0	59.6	4.92
4013	J-2009	9.29	0	59.56	4.92
4015	J-2010	2.44	0	44.05	4.07
4016	J-2011	2.43	0	44.01	4.07
4018	J-2012	9.2	0	59.39	4.91
4019	J-2013	9.18	0	59.35	4.91
4023	J-2014	9.27	0	59.51	4.92
4026	J-2015	9.35	0	59.77	4.94
4028	J-2016	9.08	0	59.17	4.9
4030	J-2017	2.53	0	44.48	4.11
4031	J-2018	2.49	0	44.3	4.09
4033	J-2019	8.94	0	58.94	4.89
4034	J-2020	8.79	0	58.74	4.89

RREZULTATET E LLOGARITJEVE TE PRESIONEVE NE NYJE TE FSHATIT HAMALLAJ

ID	Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (bars)
4036	J-2021	5.3	0	54.17	4.78
4037	J-2022	5.28	0	53.96	4.76
4039	J-2023	8.63	0	58.52	4.88
4042	J-2024	8.33	0	58.13	4.87
4043	J-2025	8.16	0	57.9	4.87
4046	J-2026	9.54	0	60.62	5
4048	J-2027	5.17	0	53.69	4.75
4050	J-2028	7.6	0	57.33	4.87
4051	J-2029	7.34	0	57.06	4.87
4053	J-2030	3.49	0	47.9	4.35
4054	J-2031	3.39	0	47.62	4.33
4056	J-2032	7.91	0	57.61	4.86
4058	J-2033	3.27	0	47.34	4.31
4062	J-2034	6.97	0	56.72	4.87
4063	J-2035	6.73	0	56.39	4.86
4066	J-2036	6.26	0	55.85	4.85
4067	J-2037	6	0	55.48	4.84
4069	J-2038	2.61	0	44.86	4.14
4071	J-2039	2.69	0	45.26	4.17
4074	J-2040	3.62	0	48.31	4.37
4076	J-2041	2.78	0	45.72	4.2
4081	J-2042	5.66	0	54.92	4.82
4083	J-2043	5.14	0	49.81	4.37
4084	J-2044	3.92	0	49.25	4.44
4086	J-2045	4.12	0	50.4	4.53
4088	J-2046	2.99	0	46.72	4.28
4091	J-2047	4.71	0	52.25	4.65
4092	J-2048	4.46	0	51.36	4.59

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1	0	J-3	J-4	96.8	PE 100	140	6.62	0.9	0.009
2	2	J-5	J-6	96.8	PE 100	140	-1.93	0.26	0.001
3	2	J-7	J-8	96.8	PE 100	140	1.5	0.2	0.001
4	2	J-9	J-10	96.8	PE 100	140	5.72	0.78	0.007
5	2	J-11	J-12	96.8	PE 100	140	6.11	0.83	0.008
6	2	J-13	J-14	96.8	PE 100	140	-9.11	1.24	0.016
7	3	J-15	J-16	96.8	PE 100	140	1.8	0.24	0.001
8	3	J-17	J-18	96.8	PE 100	140	6.71	0.91	0.009
9	3	J-19	J-20	96.8	PE 100	140	1.5	0.2	0.001
10	3	J-21	J-22	96.8	PE 100	140	1.5	0.2	0.001
11	4	J-23	J-24	96.8	PE 100	140	1.8	0.24	0.001
12	4	J-25	J-26	96.8	PE 100	140	7.46	1.01	0.011
13	5	J-8	J-21	96.8	PE 100	140	1.5	0.2	0.001
14	5	J-27	J-28	96.8	PE 100	140	1.5	0.2	0.001
15	5	J-29	J-9	96.8	PE 100	140	5.72	0.78	0.007
16	5	J-30	J-31	96.8	PE 100	140	-2.21	0.3	0.001
17	5	J-32	J-33	96.8	PE 100	140	1.5	0.2	0.001
18	5	J-34	J-35	96.8	PE 100	140	8.21	1.12	0.013
19	6	J-36	J-37	96.8	PE 100	140	1.88	0.25	0.001
20	7	J-40	J-41	96.8	PE 100	140	6.11	0.83	0.008
21	7	J-42	J-43	96.8	PE 100	140	0.58	0.08	0
22	7	J-44	J-45	96.8	PE 100	140	0.49	0.07	0
23	7	J-46	J-47	96.8	PE 100	140	5.51	0.75	0.006
24	7	J-48	J-49	96.8	PE 100	140	-2.24	0.3	0.001
25	7	J-50	J-51	96.8	PE 100	140	1.5	0.2	0.001
26	8	J-52	J-53	96.8	PE 100	140	7.31	0.99	0.011
27	8	J-28	J-54	96.8	PE 100	140	1.5	0.2	0.001
28	8	J-4	J-55	96.8	PE 100	140	5.72	0.78	0.007
29	8	J-54	J-32	96.8	PE 100	140	1.5	0.2	0.001
30	8	J-56	J-57	96.8	PE 100	140	7.16	0.97	0.01
31	8	J-58	J-59	96.8	PE 100	140	7.46	1.01	0.011
32	8	J-60	J-61	96.8	PE 100	140	7.46	1.01	0.011
33	8	J-16	J-23	96.8	PE 100	140	1.8	0.24	0.001
34	8	J-63	J-27	96.8	PE 100	140	1.5	0.2	0.001
35	8	J-64	J-65	96.8	PE 100	140	-0.41	0.06	0
36	8	J-66	J-15	96.8	PE 100	140	-2.24	0.3	0.001
37	9	J-67	J-68	96.8	PE 100	140	6.6	0.9	0.009
38	9	J-69	J-70	96.8	PE 100	140	-8.81	1.2	0.015
39	9	J-71	J-72	96.8	PE 100	140	7.16	0.97	0.01
40	9	J-43	J-73	96.8	PE 100	140	2.16	0.29	0.001
41	10	J-74	J-75	96.8	PE 100	140	-1.01	0.14	0
42	10	J-80	J-81	96.8	PE 100	140	-1.61	0.22	0.001
43	10	J-82	J-83	96.8	PE 100	140	-1.01	0.14	0
44	11	J-84	J-85	96.8	PE 100	140	7.16	0.97	0.01
45	11	J-86	J-87	96.8	PE 100	140	8.21	1.12	0.013
46	11	J-18	J-88	96.8	PE 100	140	6.41	0.87	0.009
47	11	J-20	J-89	96.8	PE 100	140	1.5	0.2	0.001
48	11	J-90	J-91	96.8	PE 100	140	0.49	0.07	0
49	11	J-92	J-78	96.8	PE 100	140	7.16	0.97	0.01
50	11	J-89	J-63	96.8	PE 100	140	1.5	0.2	0.001
51	12	J-94	J-95	96.8	PE 100	140	-1.01	0.14	0
52	12	J-57	J-92	96.8	PE 100	140	7.16	0.97	0.01
53	12	J-77	J-96	96.8	PE 100	140	2.87	0.39	0.002
54	12	J-51	J-7	96.8	PE 100	140	1.5	0.2	0.001
55	12	J-97	J-98	96.8	PE 100	140	7.31	0.99	0.011
56	12	J-99	J-100	96.8	PE 100	140	7.91	1.07	0.013
57	12	J-33	J-50	96.8	PE 100	140	1.5	0.2	0.001
58	12	J-101	J-102	96.8	PE 100	140	4.2	0.57	0.004
59	12	J-103	J-104	96.8	PE 100	140	-8.77	1.19	0.015
60	12	J-105	J-44	96.8	PE 100	140	0.49	0.07	0
61	12	J-96	J-38	96.8	PE 100	140	2.87	0.39	0.002
62	12	J-106	J-56	96.8	PE 100	140	7.16	0.97	0.01
63	13	J-107	J-62	96.8	PE 100	140	1.45	0.2	0.001
64	13	J-49	J-108	96.8	PE 100	140	-2.24	0.3	0.001
65	14	J-109	J-110	96.8	PE 100	140	1.58	0.21	0.001

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
66	14	J-111	J-40	96.8	PE 100	140	6.41	0.87	0.009
67	14	J-112	J-113	96.8	PE 100	140	3.9	0.53	0.003
68	14	J-114	J-115	96.8	PE 100	140	2.78	0.38	0.002
69	14	J-59	J-60	96.8	PE 100	140	7.46	1.01	0.011
70	14	J-116	J-58	96.8	PE 100	140	7.46	1.01	0.011
71	15	J-53	J-117	96.8	PE 100	140	7.01	0.95	0.01
72	15	J-118	J-119	96.8	PE 100	140	7.01	0.95	0.01
73	15	J-119	J-120	96.8	PE 100	140	6.71	0.91	0.009
74	15	J-122	J-123	96.8	PE 100	140	-2.24	0.3	0.001
75	15	J-124	J-105	96.8	PE 100	140	0.49	0.07	0
76	15	J-125	J-69	96.8	PE 100	140	-8.51	1.16	0.014
77	16	J-110	J-126	96.8	PE 100	140	1.58	0.21	0.001
78	16	J-26	J-84	96.8	PE 100	140	7.46	1.01	0.011
79	16	J-127	J-128	96.8	PE 100	140	3.08	0.42	0.002
80	16	J-72	J-106	96.8	PE 100	140	7.16	0.97	0.01
81	16	J-39	J-129	96.8	PE 100	140	-0.73	0.1	0
82	16	J-130	J-131	96.8	PE 100	140	7.01	0.95	0.01
83	17	J-132	J-133	96.8	PE 100	140	-5.74	0.78	0.007
84	17	J-134	J-124	96.8	PE 100	140	-4.66	0.63	0.005
85	17	J-135	J-136	96.8	PE 100	140	7.01	0.95	0.01
86	17	J-31	J-42	96.8	PE 100	140	-2.81	0.38	0.002
87	17	J-137	J-138	96.8	PE 100	140	5.72	0.78	0.007
88	17	J-95	J-82	96.8	PE 100	140	-1.01	0.14	0
89	17	J-126	J-43	96.8	PE 100	140	1.58	0.21	0.001
90	17	J-55	J-139	96.8	PE 100	140	5.72	0.78	0.007
91	17	J-85	J-71	96.8	PE 100	140	7.16	0.97	0.01
92	18	J-140	J-141	96.8	PE 100	140	-1.93	0.26	0.001
93	18	J-142	J-143	96.8	PE 100	140	6.11	0.83	0.008
94	18	J-47	J-144	96.8	PE 100	140	8.1	1.1	0.013
95	18	J-145	J-97	96.8	PE 100	140	7.91	1.07	0.013
96	19	J-120	J-17	96.8	PE 100	140	6.71	0.91	0.009
97	19	J-147	J-148	96.8	PE 100	140	6.11	0.83	0.008
98	19	J-149	J-150	96.8	PE 100	140	-7.24	0.98	0.011
99	19	J-150	J-151	96.8	PE 100	140	-7.24	0.98	0.011
100	20	J-152	J-66	96.8	PE 100	140	-2.24	0.3	0.001
101	20	J-61	J-25	96.8	PE 100	140	7.46	1.01	0.011
102	20	J-37	J-109	96.8	PE 100	140	1.58	0.21	0.001
103	20	J-35	J-86	96.8	PE 100	140	8.21	1.12	0.013
104	20	J-153	J-154	96.8	PE 100	140	-7.24	0.98	0.011
105	20	J-12	J-155	96.8	PE 100	140	5.51	0.75	0.006
106	20	J-131	J-156	96.8	PE 100	140	7.01	0.95	0.01
107	21	J-79	J-157	96.8	PE 100	140	5.27	0.72	0.006
108	21	J-87	J-158	96.8	PE 100	140	7.91	1.07	0.013
109	21	J-159	J-160	96.8	PE 100	140	-8.77	1.19	0.015
110	21	J-98	J-52	96.8	PE 100	140	7.31	0.99	0.011
111	22	J-161	J-46	96.8	PE 100	140	5.51	0.75	0.006
112	22	J-141	J-164	96.8	PE 100	140	-1.93	0.26	0.001
113	23	J-93	J-132	96.8	PE 100	140	-5.74	0.78	0.007
114	23	J-165	J-166	96.8	PE 100	140	2.18	0.3	0.001
115	23	J-143	J-147	96.8	PE 100	140	6.11	0.83	0.008
116	23	J-167	J-130	96.8	PE 100	140	7.01	0.95	0.01
117	24	J-168	J-67	96.8	PE 100	140	7.8	1.06	0.012
118	24	J-169	J-170	96.8	PE 100	140	7.01	0.95	0.01
119	24	J-91	J-171	96.8	PE 100	140	0.49	0.07	0
120	24	J-172	J-173	96.8	PE 100	140	-1.91	0.26	0.001
121	24	J-151	J-153	96.8	PE 100	140	-7.24	0.98	0.011
122	25	J-155	J-174	96.8	PE 100	140	5.51	0.75	0.006
123	25	J-175	J-176	96.8	PE 100	140	-8.21	1.12	0.013
124	25	J-41	J-177	96.8	PE 100	140	6.11	0.83	0.008
125	25	J-174	J-161	96.8	PE 100	140	5.51	0.75	0.006
126	26	J-178	J-74	96.8	PE 100	140	-1.01	0.14	0
127	26	J-123	J-152	96.8	PE 100	140	-2.24	0.3	0.001
128	26	J-179	J-172	96.8	PE 100	140	-1.91	0.26	0.001
129	26	J-180	J-181	96.8	PE 100	140	-8.21	1.12	0.013
130	27	J-176	J-162	96.8	PE 100	140	-8.21	1.12	0.013

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
131	27	J-182	J-183	96.8	PE 100	140	2.16	0.29	0.001
132	27	J-184	J-159	96.8	PE 100	140	-8.77	1.19	0.015
133	27	J-185	J-11	96.8	PE 100	140	6.11	0.83	0.008
134	27	J-83	J-186	96.8	PE 100	140	-1.01	0.14	0
135	27	J-163	J-125	96.8	PE 100	140	-8.51	1.16	0.014
136	27	J-148	J-185	96.8	PE 100	140	6.11	0.83	0.008
137	28	J-100	J-145	96.8	PE 100	140	7.91	1.07	0.013
138	29	J-146	J-149	96.8	PE 100	140	-7.24	0.98	0.011
139	29	J-187	J-107	96.8	PE 100	140	1.45	0.2	0.001
140	30	J-81	J-179	96.8	PE 100	140	-1.61	0.22	0.001
141	30	J-68	J-188	96.8	PE 100	140	6.6	0.9	0.009
142	30	J-189	J-29	96.8	PE 100	140	5.72	0.78	0.007
143	30	J-34	J-180	96.8	PE 100	140	-8.21	1.12	0.013
144	31	J-115	J-165	96.8	PE 100	140	2.18	0.3	0.001
145	31	J-117	J-169	96.8	PE 100	140	7.01	0.95	0.01
146	31	J-190	J-189	96.8	PE 100	140	5.72	0.78	0.007
147	31	J-166	J-36	96.8	PE 100	140	2.18	0.3	0.001
148	32	J-170	J-135	96.8	PE 100	140	7.01	0.95	0.01
149	32	J-181	J-191	96.8	PE 100	140	-8.21	1.12	0.013
150	32	J-156	J-118	96.8	PE 100	140	7.01	0.95	0.01
151	32	J-192	J-182	96.8	PE 100	140	2.16	0.29	0.001
152	33	J-193	J-194	96.8	PE 100	140	-1.01	0.14	0
153	33	J-195	J-196	96.8	PE 100	140	-1.01	0.14	0
154	33	J-197	J-64	96.8	PE 100	140	-0.11	0.02	0
155	34	J-198	J-137	96.8	PE 100	140	5.72	0.78	0.007
156	34	J-88	J-111	96.8	PE 100	140	6.41	0.87	0.009
157	34	J-113	J-199	96.8	PE 100	140	3.6	0.49	0.003
158	34	J-144	J-168	96.8	PE 100	140	7.8	1.06	0.012
159	35	J-108	J-200	96.8	PE 100	140	-2.24	0.3	0.001
160	36	J-164	J-5	96.8	PE 100	140	-1.93	0.26	0.001
161	36	J-45	J-90	96.8	PE 100	140	0.49	0.07	0
162	36	J-177	J-142	96.8	PE 100	140	6.11	0.83	0.008
163	37	J-102	J-112	96.8	PE 100	140	3.9	0.53	0.003
164	37	J-201	J-167	96.8	PE 100	140	7.01	0.95	0.01
165	38	J-202	J-195	96.8	PE 100	140	-0.41	0.06	0
166	38	J-158	J-99	96.8	PE 100	140	7.91	1.07	0.013
167	38	J-203	J-204	96.8	PE 100	140	1.45	0.2	0.001
168	38	J-204	J-187	96.8	PE 100	140	1.45	0.2	0.001
169	39	J-157	J-76	96.8	PE 100	140	5.27	0.72	0.006
170	39	J-75	J-205	96.8	PE 100	140	-1.01	0.14	0
171	39	J-206	J-207	96.8	PE 100	140	2.78	0.38	0.002
172	39	J-10	J-127	96.8	PE 100	140	3.08	0.42	0.002
173	39	J-136	J-201	96.8	PE 100	140	7.01	0.95	0.01
174	40	J-173	J-208	96.8	PE 100	140	-2.21	0.3	0.001
175	43	J-194	J-178	96.8	PE 100	140	-1.01	0.14	0
176	43	J-128	J-206	96.8	PE 100	140	2.78	0.38	0.002
177	44	J-209	J-3	96.8	PE 100	140	-8.77	1.19	0.015
178	44	J-210	J-211	96.8	PE 100	140	3	0.41	0.002
179	45	J-104	J-212	96.8	PE 100	140	-8.77	1.19	0.015
180	45	J-208	J-30	96.8	PE 100	140	-2.21	0.3	0.001
181	45	J-22	J-1	96.8	PE 100	140	1.2	0.16	0
182	45	J-160	J-209	96.8	PE 100	140	-8.77	1.19	0.015
183	46	J-138	J-190	96.8	PE 100	140	5.72	0.78	0.007
184	47	J-171	J-197	96.8	PE 100	140	-0.11	0.02	0
185	47	J-213	J-193	96.8	PE 100	140	-1.01	0.14	0
186	47	J-200	J-122	96.8	PE 100	140	-2.24	0.3	0.001
187	48	J-214	J-103	96.8	PE 100	140	-8.77	1.19	0.015
188	50	J-215	J-80	96.8	PE 100	140	-1.31	0.18	0
189	51	J-216	J-184	96.8	PE 100	140	-8.77	1.19	0.015
190	53	J-73	J-192	96.8	PE 100	140	2.16	0.29	0.001
191	53	J-217	J-215	96.8	PE 100	140	-1.31	0.18	0
192	54	J-196	J-218	96.8	PE 100	140	-1.01	0.14	0
193	54	J-212	J-216	96.8	PE 100	140	-8.77	1.19	0.015
194	58	J-218	J-213	96.8	PE 100	140	-1.01	0.14	0
195	59	J-139	J-198	96.8	PE 100	140	5.72	0.78	0.007

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
196	60	J-205	J-94	96.8	PE 100	140	-1.01	0.14	0
197	61	J-211	J-219	96.8	PE 100	140	3	0.41	0.002
198	63	J-207	J-114	96.8	PE 100	140	2.78	0.38	0.002
199	64	J-65	J-202	96.8	PE 100	140	-0.41	0.06	0
200	67	J-191	J-175	96.8	PE 100	140	-8.21	1.12	0.013
201	70	J-220	J-214	96.8	PE 100	140	-8.77	1.19	0.015
202	73	J-186	J-217	96.8	PE 100	140	-1.31	0.18	0
203	80	J-222	J-203	96.8	PE 100	140	1.45	0.2	0.001
204	93	J-221	J-223	96.8	PE 100	140	-8.77	1.19	0.015
205	104	J-199	J-210	96.8	PE 100	140	3.6	0.49	0.003
206	115	J-223	J-220	96.8	PE 100	140	-8.77	1.19	0.015
207	1	J-224	J-225	110.2	PE 100	140	-5.38	0.56	0.003
208	1	J-226	J-227	110.2	PE 100	140	2.33	0.24	0.001
209	2	J-228	J-229	110.2	PE 100	140	-1.09	0.11	0
210	2	J-230	J-231	110.2	PE 100	140	-9.23	0.97	0.009
211	3	J-101	J-232	96.8	PE 100	140	7.25	0.98	0.011
212	3	J-233	J-230	110.2	PE 100	140	-5.68	0.6	0.004
213	4	J-234	J-101	110.2	PE 100	140	11.45	1.2	0.013
214	5	J-235	J-236	110.2	PE 100	140	-5.38	0.56	0.003
215	5	J-237	J-238	96.8	PE 100	140	7.25	0.98	0.011
216	6	J-239	J-240	110.2	PE 100	140	-1.09	0.11	0
217	6	J-241	J-242	110.2	PE 100	140	0.64	0.07	0
218	6	J-243	J-244	110.2	PE 100	140	-5.38	0.56	0.003
219	6	J-245	J-246	110.2	PE 100	140	1.52	0.16	0
220	6	J-247	J-248	110.2	PE 100	140	-2.08	0.22	0.001
221	7	J-249	J-121	110.2	PE 100	140	-8.08	0.85	0.007
222	8	J-250	J-251	96.8	PE 100	140	7.25	0.98	0.011
223	8	J-252	J-253	96.8	PE 100	140	-5.15	0.7	0.006
224	9	J-251	J-237	96.8	PE 100	140	7.25	0.98	0.011
225	9	J-254	J-255	96.8	PE 100	140	7.25	0.98	0.011
226	9	J-256	J-257	96.8	PE 100	140	7.25	0.98	0.011
227	10	J-124	J-258	96.8	PE 100	140	-5.15	0.7	0.006
228	10	J-225	J-259	110.2	PE 100	140	-5.38	0.56	0.003
229	10	J-253	J-260	96.8	PE 100	140	-5.15	0.7	0.006
230	11	J-259	J-235	110.2	PE 100	140	-5.38	0.56	0.003
231	12	J-261	J-262	110.2	PE 100	140	-2.38	0.25	0.001
232	13	J-263	J-264	110.2	PE 100	140	-2.38	0.25	0.001
233	13	J-242	J-265	110.2	PE 100	140	0.34	0.04	0
234	13	J-266	J-243	110.2	PE 100	140	-5.38	0.56	0.003
235	13	J-262	J-263	110.2	PE 100	140	-2.38	0.25	0.001
236	14	J-267	J-268	96.8	PE 100	140	-6.35	0.86	0.008
237	14	J-269	J-270	96.8	PE 100	140	7.25	0.98	0.011
238	14	J-271	J-272	96.8	PE 100	140	-6.35	0.86	0.008
239	15	J-248	J-273	110.2	PE 100	140	-2.38	0.25	0.001
240	15	J-274	J-275	96.8	PE 100	140	7.25	0.98	0.011
241	17	J-276	J-266	110.2	PE 100	140	-5.38	0.56	0.003
242	17	J-277	J-278	96.8	PE 100	140	-6.35	0.86	0.008
243	18	J-279	J-280	110.2	PE 100	140	-1.09	0.11	0
244	18	J-281	J-228	110.2	PE 100	140	0.04	0	0
245	19	J-282	J-274	96.8	PE 100	140	7.25	0.98	0.011
246	19	J-240	J-283	110.2	PE 100	140	-2.08	0.22	0.001
247	19	J-284	J-285	110.2	PE 100	140	-1.09	0.11	0
248	19	J-270	J-286	96.8	PE 100	140	7.25	0.98	0.011
249	19	J-287	J-269	96.8	PE 100	140	7.25	0.98	0.011
250	20	J-288	J-261	110.2	PE 100	140	-2.38	0.25	0.001
251	20	J-273	J-288	110.2	PE 100	140	-2.38	0.25	0.001
252	20	J-289	J-290	110.2	PE 100	140	0.34	0.04	0
253	20	J-275	J-250	96.8	PE 100	140	7.25	0.98	0.011
254	21	J-232	J-254	96.8	PE 100	140	7.25	0.98	0.011
255	21	J-244	J-233	110.2	PE 100	140	-5.38	0.56	0.003
256	21	J-260	J-291	96.8	PE 100	140	-5.15	0.7	0.006
257	21	J-257	J-292	96.8	PE 100	140	7.25	0.98	0.011
258	22	J-265	J-293	110.2	PE 100	140	0.34	0.04	0
259	22	J-283	J-247	110.2	PE 100	140	-2.08	0.22	0.001
260	23	J-255	J-294	96.8	PE 100	140	7.25	0.98	0.011

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
261	23	J-295	J-287	96.8	PE 100	140	7.25	0.98	0.011
262	25	J-293	J-289	110.2	PE 100	140	0.34	0.04	0
263	25	J-280	J-239	110.2	PE 100	140	-1.09	0.11	0
264	25	J-296	J-297	110.2	PE 100	140	-6.28	0.66	0.004
265	25	J-298	J-299	96.8	PE 100	140	7.25	0.98	0.011
266	25	J-300	J-301	110.2	PE 100	140	-6.28	0.66	0.004
267	25	J-290	J-281	110.2	PE 100	140	0.04	0	0
268	26	J-246	J-302	110.2	PE 100	140	0.64	0.07	0
269	26	J-264	J-303	110.2	PE 100	140	-5.98	0.63	0.004
270	26	J-304	J-284	110.2	PE 100	140	-1.09	0.11	0
271	27	J-305	J-306	96.8	PE 100	140	-5.15	0.7	0.006
272	27	J-302	J-241	110.2	PE 100	140	0.64	0.07	0
273	27	J-303	J-300	110.2	PE 100	140	-6.28	0.66	0.004
274	28	J-229	J-304	110.2	PE 100	140	-1.09	0.11	0
275	28	J-292	J-295	96.8	PE 100	140	7.25	0.98	0.011
276	28	J-301	J-296	110.2	PE 100	140	-6.28	0.66	0.004
277	29	J-286	J-282	96.8	PE 100	140	7.25	0.98	0.011
278	29	J-285	J-279	110.2	PE 100	140	-1.09	0.11	0
279	29	J-307	J-238	96.8	PE 100	140	-7.25	0.98	0.011
280	30	J-291	J-305	96.8	PE 100	140	-5.15	0.7	0.006
281	30	J-308	J-309	96.8	PE 100	140	7.25	0.98	0.011
282	31	J-310	J-271	96.8	PE 100	140	-5.45	0.74	0.006
283	33	J-297	J-249	110.2	PE 100	140	-6.28	0.66	0.004
284	33	J-278	J-311	96.8	PE 100	140	-7.25	0.98	0.011
285	37	J-258	J-252	96.8	PE 100	140	-5.15	0.7	0.006
286	37	J-312	J-298	96.8	PE 100	140	7.25	0.98	0.011
287	40	J-313	J-312	96.8	PE 100	140	7.25	0.98	0.011
288	41	J-309	J-314	96.8	PE 100	140	7.25	0.98	0.011
289	44	J-294	J-315	96.8	PE 100	140	7.25	0.98	0.011
290	45	J-299	J-316	96.8	PE 100	140	7.25	0.98	0.011
291	46	J-316	J-317	96.8	PE 100	140	7.25	0.98	0.011
292	47	J-272	J-318	96.8	PE 100	140	-6.35	0.86	0.008
293	52	J-319	J-256	96.8	PE 100	140	7.25	0.98	0.011
294	56	J-320	J-321	96.8	PE 100	140	-6.35	0.86	0.008
295	56	J-322	J-323	96.8	PE 100	140	-6.35	0.86	0.008
296	57	J-315	J-313	96.8	PE 100	140	7.25	0.98	0.011
297	63	J-317	J-308	96.8	PE 100	140	7.25	0.98	0.011
298	63	J-324	J-267	96.8	PE 100	140	-6.35	0.86	0.008
299	63	J-314	J-319	96.8	PE 100	140	7.25	0.98	0.011
300	65	J-325	J-307	96.8	PE 100	140	-7.25	0.98	0.011
301	67	J-326	J-327	96.8	PE 100	140	-6.35	0.86	0.008
302	68	J-328	J-329	96.8	PE 100	140	-6.35	0.86	0.008
303	68	J-327	J-322	96.8	PE 100	140	-6.35	0.86	0.008
304	84	J-306	J-310	96.8	PE 100	140	-5.15	0.7	0.006
305	87	J-311	J-325	96.8	PE 100	140	-7.25	0.98	0.011
306	92	J-268	J-328	96.8	PE 100	140	-6.35	0.86	0.008
307	95	J-330	J-331	96.8	PE 100	140	-6.35	0.86	0.008
308	98	J-332	J-277	96.8	PE 100	140	-6.35	0.86	0.008
309	99	J-318	J-320	96.8	PE 100	140	-6.35	0.86	0.008
310	103	J-321	J-326	96.8	PE 100	140	-6.35	0.86	0.008
311	106	J-323	J-324	96.8	PE 100	140	-6.35	0.86	0.008
312	107	J-331	J-332	96.8	PE 100	140	-6.35	0.86	0.008
313	108	J-236	J-276	110.2	PE 100	140	-5.38	0.56	0.003
314	122	J-329	J-330	96.8	PE 100	140	-6.35	0.86	0.008
315	1	J-333	J-334	55.4	PE 100	140	2.1	0.87	0.016
316	1	J-335	J-336	55.4	PE 100	140	1.8	0.75	0.012
317	2	J-337	J-338	55.4	PE 100	140	1.2	0.5	0.006
318	4	J-339	J-340	55.4	PE 100	140	0.9	0.37	0.003
319	4	J-341	J-342	55.4	PE 100	140	1.2	0.5	0.006
320	4	J-343	J-344	55.4	PE 100	140	0.9	0.37	0.003
321	5	J-345	J-346	55.4	PE 100	140	0.9	0.37	0.003
322	5	J-347	J-348	55.4	PE 100	140	0.9	0.37	0.003
323	6	J-349	J-350	55.4	PE 100	140	2.1	0.87	0.016
324	6	J-334	J-351	55.4	PE 100	140	2.1	0.87	0.016
325	6	J-352	J-345	55.4	PE 100	140	0.9	0.37	0.003

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
326	6	J-353	J-352	55.4	PE 100	140	0.9	0.37	0.003
327	6	J-354	J-355	55.4	PE 100	140	0.9	0.37	0.003
328	7	J-4	J-339	55.4	PE 100	140	0.9	0.37	0.003
329	7	J-346	J-356	55.4	PE 100	140	0.9	0.37	0.003
330	8	J-357	J-347	55.4	PE 100	140	0.9	0.37	0.003
331	8	J-67	J-358	55.4	PE 100	140	1.2	0.5	0.006
332	8	J-359	J-360	55.4	PE 100	140	-0.9	0.37	0.003
333	8	J-356	J-361	55.4	PE 100	140	0.9	0.37	0.003
334	9	J-362	J-354	55.4	PE 100	140	0.9	0.37	0.003
335	9	J-363	J-364	55.4	PE 100	140	0.6	0.25	0.002
336	10	J-365	J-363	55.4	PE 100	140	0.6	0.25	0.002
337	10	J-366	J-367	55.4	PE 100	140	-0.9	0.37	0.003
338	10	J-336	J-368	55.4	PE 100	140	1.5	0.62	0.009
339	10	J-369	J-370	55.4	PE 100	140	1.5	0.62	0.009
340	11	J-368	J-369	55.4	PE 100	140	1.5	0.62	0.009
341	11	J-371	J-372	55.4	PE 100	140	-0.9	0.37	0.003
342	12	J-338	J-373	55.4	PE 100	140	1.2	0.5	0.006
343	13	J-278	J-374	55.4	PE 100	140	0.9	0.37	0.003
344	13	J-375	J-376	55.4	PE 100	140	0.6	0.25	0.002
345	13	J-341	J-349	55.4	PE 100	140	2.1	0.87	0.016
346	13	J-377	J-343	55.4	PE 100	140	0.9	0.37	0.003
347	14	J-378	J-379	55.4	PE 100	140	0.9	0.37	0.003
348	14	J-361	J-380	55.4	PE 100	140	0.9	0.37	0.003
349	14	J-344	J-381	55.4	PE 100	140	0.9	0.37	0.003
350	14	J-358	J-382	55.4	PE 100	140	1.2	0.5	0.006
351	14	J-351	J-383	55.4	PE 100	140	2.1	0.87	0.016
352	15	J-384	J-385	55.4	PE 100	140	0.3	0.12	0
353	15	J-386	J-387	55.4	PE 100	140	0.9	0.37	0.003
354	15	J-383	J-388	55.4	PE 100	140	2.1	0.87	0.016
355	16	J-389	J-390	55.4	PE 100	140	-0.9	0.37	0.003
356	16	J-391	J-392	55.4	PE 100	140	1.2	0.5	0.006
357	16	J-380	J-377	55.4	PE 100	140	0.9	0.37	0.003
358	16	J-393	J-394	55.4	PE 100	140	0.9	0.37	0.003
359	17	J-395	J-396	55.4	PE 100	140	1.2	0.5	0.006
360	17	J-381	J-397	55.4	PE 100	140	0.9	0.37	0.003
361	17	J-390	J-359	55.4	PE 100	140	-0.9	0.37	0.003
362	18	J-398	J-399	55.4	PE 100	140	0.9	0.37	0.003
363	19	J-400	J-375	55.4	PE 100	140	0.6	0.25	0.002
364	19	J-401	J-402	55.4	PE 100	140	0.3	0.12	0
365	19	J-388	J-335	55.4	PE 100	140	1.8	0.75	0.012
366	19	J-403	J-404	55.4	PE 100	140	0.9	0.37	0.003
367	19	J-405	J-357	55.4	PE 100	140	0.9	0.37	0.003
368	19	J-402	J-384	55.4	PE 100	140	0.3	0.12	0
369	19	J-406	J-407	55.4	PE 100	140	0.6	0.25	0.002
370	20	J-408	J-333	55.4	PE 100	140	2.4	1	0.021
371	22	J-409	J-410	55.4	PE 100	140	0.9	0.37	0.003
372	23	J-411	J-412	55.4	PE 100	140	0.3	0.12	0
373	24	J-413	J-391	55.4	PE 100	140	1.2	0.5	0.006
374	24	J-414	J-401	55.4	PE 100	140	0.3	0.12	0
375	25	J-399	J-409	55.4	PE 100	140	0.9	0.37	0.003
376	26	J-379	J-415	55.4	PE 100	140	0.9	0.37	0.003
377	26	J-416	J-360	55.4	PE 100	140	1.2	0.5	0.006
378	26	J-417	J-365	55.4	PE 100	140	0.6	0.25	0.002
379	27	J-418	J-419	55.4	PE 100	140	0	0	0
380	27	J-392	J-395	55.4	PE 100	140	1.2	0.5	0.006
381	28	J-420	J-421	55.4	PE 100	140	0	0	0
382	29	J-382	J-422	55.4	PE 100	140	1.2	0.5	0.006
383	29	J-423	J-424	55.4	PE 100	140	0.3	0.12	0
384	29	J-412	J-414	55.4	PE 100	140	0.3	0.12	0
385	31	J-425	J-426	55.4	PE 100	140	0.9	0.37	0.003
386	31	J-427	J-420	55.4	PE 100	140	0	0	0
387	31	J-374	J-425	55.4	PE 100	140	0.9	0.37	0.003
388	33	J-407	J-417	55.4	PE 100	140	0.6	0.25	0.002
389	33	J-424	J-411	55.4	PE 100	140	0.3	0.12	0
390	33	J-342	J-416	55.4	PE 100	140	1.2	0.5	0.006

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
391	34	J-404	J-362	55.4	PE 100	140	0.9	0.37	0.003
392	36	J-428	J-427	55.4	PE 100	140	0	0	0
393	37	J-429	J-393	55.4	PE 100	140	1.2	0.5	0.006
394	37	J-394	J-405	55.4	PE 100	140	0.9	0.37	0.003
395	42	J-430	J-428	55.4	PE 100	140	0	0	0
396	43	J-431	J-432	55.4	PE 100	140	0.6	0.25	0.002
397	51	J-426	J-433	55.4	PE 100	140	0.9	0.37	0.003
398	62	J-432	J-400	55.4	PE 100	140	0.6	0.25	0.002
399	66	J-419	J-430	55.4	PE 100	140	0	0	0
400	71	J-434	J-435	55.4	PE 100	140	-0.9	0.37	0.003
401	85	J-435	J-371	55.4	PE 100	140	-0.9	0.37	0.003
402	3	J-436	J-437	66	PE 100	140	1.8	0.53	0.005
403	4	J-227	J-378	66	PE 100	140	1.2	0.35	0.002
404	5	J-438	J-406	66	PE 100	140	0.9	0.26	0.001
405	5	J-439	J-440	66	PE 100	140	-0.21	0.06	0
406	5	J-441	J-442	66	PE 100	140	0.39	0.12	0
407	6	J-443	J-444	66	PE 100	140	-0.21	0.06	0
408	7	J-445	J-446	66	PE 100	140	0.09	0.03	0
409	7	J-447	J-448	66	PE 100	140	2.31	0.67	0.008
410	7	J-446	J-449	66	PE 100	140	-0.21	0.06	0
411	7	J-450	J-451	66	PE 100	140	0.9	0.26	0.001
412	8	J-452	J-453	66	PE 100	140	1.8	0.53	0.005
413	8	J-454	J-455	66	PE 100	140	-0.21	0.06	0
414	8	J-456	J-454	66	PE 100	140	-0.21	0.06	0
415	8	J-188	J-457	66	PE 100	140	2.61	0.76	0.01
416	8	J-458	J-456	66	PE 100	140	-0.21	0.06	0
417	9	J-459	J-460	66	PE 100	140	0.09	0.03	0
418	9	J-461	J-458	66	PE 100	140	-0.21	0.06	0
419	10	J-462	J-439	66	PE 100	140	-0.21	0.06	0
420	10	J-463	J-464	66	PE 100	140	0.09	0.03	0
421	10	J-444	J-465	66	PE 100	140	-0.21	0.06	0
422	10	J-449	J-466	66	PE 100	140	-0.21	0.06	0
423	10	J-467	J-438	66	PE 100	140	0.9	0.26	0.001
424	10	J-468	J-469	66	PE 100	140	0.09	0.03	0
425	10	J-470	J-403	66	PE 100	140	1.2	0.35	0.002
426	11	J-471	J-472	66	PE 100	140	2.01	0.59	0.006
427	12	J-440	J-443	66	PE 100	140	-0.21	0.06	0
428	12	J-473	J-474	66	PE 100	140	0.81	0.24	0.001
429	12	J-475	J-476	66	PE 100	140	0.3	0.09	0
430	12	J-477	J-461	66	PE 100	140	-0.21	0.06	0
431	13	J-469	J-478	66	PE 100	140	0.09	0.03	0
432	13	J-479	J-480	66	PE 100	140	-0.51	0.15	0.001
433	13	J-455	J-481	66	PE 100	140	-0.21	0.06	0
434	13	J-466	J-477	66	PE 100	140	-0.21	0.06	0
435	13	J-482	J-431	66	PE 100	140	0.9	0.26	0.001
436	13	J-483	J-463	66	PE 100	140	0.09	0.03	0
437	14	J-476	J-418	66	PE 100	140	0.3	0.09	0
438	14	J-484	J-485	66	PE 100	140	0.39	0.12	0
439	15	J-465	J-486	66	PE 100	140	-0.51	0.15	0.001
440	15	J-487	J-488	66	PE 100	140	0.09	0.03	0
441	15	J-488	J-489	66	PE 100	140	0.09	0.03	0
442	15	J-490	J-484	66	PE 100	140	0.39	0.12	0
443	15	J-478	J-491	66	PE 100	140	0.09	0.03	0
444	15	J-492	J-493	66	PE 100	140	0.9	0.26	0.001
445	16	J-489	J-445	66	PE 100	140	0.09	0.03	0
446	16	J-494	J-495	66	PE 100	140	1.71	0.5	0.005
447	16	J-496	J-497	66	PE 100	140	0.09	0.03	0
448	16	J-485	J-459	66	PE 100	140	0.39	0.12	0
449	17	J-498	J-462	66	PE 100	140	-0.21	0.06	0
450	17	J-499	J-500	66	PE 100	140	0.9	0.26	0.001
451	18	J-501	J-436	66	PE 100	140	1.8	0.53	0.005
452	18	J-502	J-503	66	PE 100	140	1.2	0.35	0.002
453	19	J-504	J-505	66	PE 100	140	1.11	0.32	0.002
454	19	J-506	J-507	66	PE 100	140	0.9	0.26	0.001
455	19	J-464	J-496	66	PE 100	140	0.09	0.03	0

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
456	20	J-460	J-483	66	PE 100	140	0.09	0.03	0
457	21	J-508	J-509	66	PE 100	140	1.41	0.41	0.003
458	21	J-367	J-510	66	PE 100	140	0.9	0.26	0.001
459	21	J-491	J-487	66	PE 100	140	0.09	0.03	0
460	21	J-511	J-467	66	PE 100	140	0.9	0.26	0.001
461	21	J-512	J-513	66	PE 100	140	1.2	0.35	0.002
462	21	J-514	J-515	66	PE 100	140	-0.51	0.15	0.001
463	22	J-497	J-516	66	PE 100	140	0.09	0.03	0
464	22	J-517	J-480	66	PE 100	140	0.81	0.24	0.001
465	23	J-515	J-518	66	PE 100	140	-0.51	0.15	0.001
466	23	J-495	J-519	66	PE 100	140	1.71	0.5	0.005
467	23	J-481	J-498	66	PE 100	140	-0.21	0.06	0
468	23	J-520	J-521	66	PE 100	140	1.2	0.35	0.002
469	24	J-522	J-523	66	PE 100	140	1.2	0.35	0.002
470	24	J-448	J-471	66	PE 100	140	2.01	0.59	0.006
471	24	J-524	J-525	66	PE 100	140	0.9	0.26	0.001
472	25	J-516	J-468	66	PE 100	140	0.09	0.03	0
473	25	J-510	J-526	66	PE 100	140	0.9	0.26	0.001
474	25	J-474	J-527	66	PE 100	140	0.81	0.24	0.001
475	26	J-527	J-528	66	PE 100	140	0.81	0.24	0.001
476	26	J-486	J-514	66	PE 100	140	-0.51	0.15	0.001
477	27	J-529	J-506	66	PE 100	140	0.9	0.26	0.001
478	27	J-518	J-479	66	PE 100	140	-0.51	0.15	0.001
479	28	J-472	J-494	66	PE 100	140	1.71	0.5	0.005
480	28	J-509	J-530	66	PE 100	140	1.11	0.32	0.002
481	28	J-531	J-511	66	PE 100	140	0.9	0.26	0.001
482	28	J-457	J-447	66	PE 100	140	2.61	0.76	0.01
483	29	J-532	J-533	66	PE 100	140	1.41	0.41	0.003
484	29	J-513	J-534	66	PE 100	140	1.2	0.35	0.002
485	29	J-534	J-520	66	PE 100	140	1.2	0.35	0.002
486	30	J-442	J-490	66	PE 100	140	0.39	0.12	0
487	30	J-528	J-535	66	PE 100	140	0.81	0.24	0.001
488	30	J-536	J-452	66	PE 100	140	1.8	0.53	0.005
489	32	J-437	J-536	66	PE 100	140	1.8	0.53	0.005
490	34	J-525	J-531	66	PE 100	140	0.9	0.26	0.001
491	34	J-537	J-538	66	PE 100	140	0.9	0.26	0.001
492	34	J-539	J-540	66	PE 100	140	0.9	0.26	0.001
493	34	J-541	J-470	66	PE 100	140	1.2	0.35	0.002
494	34	J-519	J-532	66	PE 100	140	1.41	0.41	0.003
495	34	J-505	J-473	66	PE 100	140	1.11	0.32	0.002
496	34	J-523	J-542	66	PE 100	140	1.2	0.35	0.002
497	35	J-530	J-504	66	PE 100	140	1.11	0.32	0.002
498	35	J-453	J-543	66	PE 100	140	1.2	0.35	0.002
499	35	J-521	J-524	66	PE 100	140	1.2	0.35	0.002
500	36	J-540	J-482	66	PE 100	140	0.9	0.26	0.001
501	40	J-544	J-492	66	PE 100	140	1.2	0.35	0.002
502	40	J-493	J-499	66	PE 100	140	0.9	0.26	0.001
503	41	J-545	J-517	66	PE 100	140	0.81	0.24	0.001
504	41	J-542	J-541	66	PE 100	140	1.2	0.35	0.002
505	41	J-533	J-508	66	PE 100	140	1.41	0.41	0.003
506	42	J-546	J-544	66	PE 100	140	1.2	0.35	0.002
507	43	J-507	J-537	66	PE 100	140	0.9	0.26	0.001
508	43	J-538	J-539	66	PE 100	140	0.9	0.26	0.001
509	45	J-547	J-529	66	PE 100	140	0.9	0.26	0.001
510	46	J-548	J-547	66	PE 100	140	0.9	0.26	0.001
511	46	J-549	J-522	66	PE 100	140	1.2	0.35	0.002
512	47	J-503	J-550	66	PE 100	140	1.2	0.35	0.002
513	47	J-551	J-367	66	PE 100	140	2.1	0.61	0.007
514	51	J-552	J-553	66	PE 100	140	0.9	0.26	0.001
515	52	J-535	J-545	66	PE 100	140	0.81	0.24	0.001
516	53	J-543	J-546	66	PE 100	140	1.2	0.35	0.002
517	54	J-500	J-554	66	PE 100	140	0.9	0.26	0.001
518	57	J-550	J-549	66	PE 100	140	1.2	0.35	0.002
519	65	J-554	J-555	66	PE 100	140	0.9	0.26	0.001
520	74	J-555	J-552	66	PE 100	140	0.9	0.26	0.001

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
521	1	J-560	J-561	79.2	PE 100	140	0.29	0.06	0
522	1	J-562	J-563	79.2	PE 100	140	-0.51	0.1	0
523	1	J-564	J-565	79.2	PE 100	140	0.23	0.05	0
524	1	J-566	J-567	79.2	PE 100	140	0.3	0.06	0
525	2	J-568	J-224	79.2	PE 100	140	-4.48	0.91	0.012
526	2	J-569	J-570	79.2	PE 100	140	-3.58	0.73	0.008
527	2	J-571	J-572	79.2	PE 100	140	-2.05	0.42	0.003
528	2	J-573	J-574	79.2	PE 100	140	0.9	0.18	0.001
529	2	J-575	J-576	79.2	PE 100	140	0.99	0.2	0.001
530	2	J-577	J-578	79.2	PE 100	140	6.19	1.26	0.021
531	2	J-579	J-580	79.2	PE 100	140	-0.51	0.1	0
532	2	J-581	J-582	79.2	PE 100	140	-0.3	0.06	0
533	2	J-583	J-475	79.2	PE 100	140	-3.88	0.79	0.009
534	3	J-183	J-584	79.2	PE 100	140	1.8	0.37	0.002
535	3	J-585	J-579	79.2	PE 100	140	-0.51	0.1	0
536	3	J-586	J-587	79.2	PE 100	140	0.6	0.12	0
537	3	J-353	J-588	79.2	PE 100	140	2.79	0.57	0.005
538	3	J-1	J-573	79.2	PE 100	140	0.9	0.18	0.001
539	3	J-589	J-590	79.2	PE 100	140	3.1	0.63	0.006
540	3	J-591	J-592	79.2	PE 100	140	4.69	0.95	0.013
541	3	J-593	J-594	79.2	PE 100	140	2.7	0.55	0.005
542	3	J-595	J-596	79.2	PE 100	140	-3.25	0.66	0.006
543	4	J-597	J-598	79.2	PE 100	140	-0.51	0.1	0
544	4	J-599	J-600	79.2	PE 100	140	-3.28	0.67	0.007
545	4	J-601	J-602	79.2	PE 100	140	-0.69	0.14	0
546	4	J-578	J-603	79.2	PE 100	140	5.89	1.2	0.019
547	4	J-580	J-604	79.2	PE 100	140	-0.51	0.1	0
548	4	J-605	J-582	79.2	PE 100	140	1.8	0.37	0.002
549	4	J-606	J-607	79.2	PE 100	140	-3.28	0.67	0.007
550	4	J-608	J-609	79.2	PE 100	140	1.89	0.38	0.002
551	4	J-610	J-611	79.2	PE 100	140	1.13	0.23	0.001
552	4	J-612	J-613	79.2	PE 100	140	-4.48	0.91	0.012
553	4	J-614	J-615	79.2	PE 100	140	2.64	0.54	0.004
554	4	J-616	J-617	79.2	PE 100	140	1.29	0.26	0.001
555	4	J-618	J-619	79.2	PE 100	140	-2	0.41	0.003
556	4	J-620	J-621	79.2	PE 100	140	-0.3	0.06	0
557	4	J-622	J-623	79.2	PE 100	140	-0.38	0.08	0
558	5	J-624	J-625	79.2	PE 100	140	-0.01	0	0
559	5	J-626	J-627	79.2	PE 100	140	1.2	0.24	0.001
560	5	J-628	J-629	79.2	PE 100	140	4.09	0.83	0.01
561	5	J-630	J-631	79.2	PE 100	140	0.6	0.12	0
562	5	J-567	J-632	79.2	PE 100	140	0.3	0.06	0
563	5	J-633	J-634	79.2	PE 100	140	4.99	1.01	0.014
564	5	J-450	J-635	79.2	PE 100	140	2.7	0.55	0.005
565	6	J-475	J-636	79.2	PE 100	140	-4.48	0.91	0.012
566	6	J-637	J-638	79.2	PE 100	140	5.89	1.2	0.019
567	6	J-639	J-640	79.2	PE 100	140	3.6	0.73	0.008
568	6	J-576	J-641	79.2	PE 100	140	0.99	0.2	0.001
569	6	J-642	J-643	79.2	PE 100	140	-2.65	0.54	0.004
570	6	J-644	J-645	79.2	PE 100	140	-0.08	0.02	0
571	6	J-646	J-647	79.2	PE 100	140	-0.39	0.08	0
572	6	J-648	J-608	79.2	PE 100	140	2.19	0.45	0.003
573	7	J-386	J-649	79.2	PE 100	140	-0.51	0.1	0
574	7	J-650	J-651	79.2	PE 100	140	3	0.61	0.006
575	7	J-249	J-652	79.2	PE 100	140	1.8	0.37	0.002
576	7	J-584	J-653	79.2	PE 100	140	1.8	0.37	0.002
577	7	J-654	J-512	79.2	PE 100	140	1.2	0.24	0.001
578	7	J-574	J-655	79.2	PE 100	140	0.9	0.18	0.001
579	7	J-656	J-657	79.2	PE 100	140	4.99	1.01	0.014
580	7	J-658	J-659	79.2	PE 100	140	-1.7	0.35	0.002
581	7	J-660	J-661	79.2	PE 100	140	0.6	0.12	0
582	7	J-386	J-662	79.2	PE 100	140	-0.39	0.08	0
583	7	J-663	J-664	79.2	PE 100	140	0.9	0.18	0.001
584	7	J-657	J-665	79.2	PE 100	140	4.99	1.01	0.014
585	7	J-666	J-667	79.2	PE 100	140	-0.3	0.06	0

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
586	7	J-47	J-668	79.2	PE 100	140	-2.59	0.53	0.004
587	7	J-669	J-622	79.2	PE 100	140	-0.38	0.08	0
588	7	J-670	J-671	79.2	PE 100	140	-1.4	0.29	0.001
589	7	J-672	J-673	79.2	PE 100	140	4.39	0.89	0.011
590	8	J-638	J-674	79.2	PE 100	140	5.89	1.2	0.019
591	8	J-603	J-637	79.2	PE 100	140	5.89	1.2	0.019
592	8	J-675	J-676	79.2	PE 100	140	-2	0.41	0.003
593	8	J-655	J-679	79.2	PE 100	140	0.9	0.18	0.001
594	8	J-680	J-656	79.2	PE 100	140	4.99	1.01	0.014
595	8	J-602	J-681	79.2	PE 100	140	-0.69	0.14	0
596	8	J-682	J-683	79.2	PE 100	140	2.9	0.59	0.005
597	8	J-684	J-685	79.2	PE 100	140	2.34	0.48	0.004
598	8	J-686	J-353	79.2	PE 100	140	3.69	0.75	0.008
599	8	J-687	J-688	79.2	PE 100	140	5.59	1.14	0.018
600	8	J-689	J-690	79.2	PE 100	140	-3.55	0.72	0.008
601	8	J-691	J-692	79.2	PE 100	140	5.59	1.14	0.018
602	8	J-1	J-566	79.2	PE 100	140	0.3	0.06	0
603	8	J-693	J-585	79.2	PE 100	140	-0.51	0.1	0
604	8	J-694	J-581	79.2	PE 100	140	-0.3	0.06	0
605	9	J-695	J-696	79.2	PE 100	140	0	0	0
606	9	J-697	J-698	79.2	PE 100	140	0.89	0.18	0.001
607	9	J-699	J-693	79.2	PE 100	140	-0.51	0.1	0
608	9	J-700	J-701	79.2	PE 100	140	5.59	1.14	0.018
609	9	J-702	J-703	79.2	PE 100	140	-2.05	0.42	0.003
610	9	J-704	J-705	79.2	PE 100	140	4.99	1.01	0.014
611	9	J-706	J-707	79.2	PE 100	140	0.6	0.12	0
612	9	J-708	J-709	79.2	PE 100	140	-2.59	0.53	0.004
613	9	J-710	J-711	79.2	PE 100	140	5.89	1.2	0.019
614	9	J-712	J-713	79.2	PE 100	140	1.5	0.3	0.002
615	9	J-714	J-601	79.2	PE 100	140	-0.69	0.14	0
616	9	J-715	J-716	79.2	PE 100	140	-1.4	0.29	0.001
617	9	J-678	J-717	79.2	PE 100	140	2.9	0.59	0.005
618	9	J-718	J-719	79.2	PE 100	140	-0.39	0.08	0
619	9	J-720	J-341	79.2	PE 100	140	3.3	0.67	0.007
620	9	J-721	J-722	79.2	PE 100	140	0.6	0.12	0
621	9	J-723	J-694	79.2	PE 100	140	-0.3	0.06	0
622	10	J-629	J-724	79.2	PE 100	140	4.09	0.83	0.01
623	10	J-725	J-689	79.2	PE 100	140	-3.55	0.72	0.008
624	10	J-604	J-726	79.2	PE 100	140	-0.51	0.1	0
625	10	J-727	J-728	79.2	PE 100	140	-2.59	0.53	0.004
626	10	J-729	J-606	79.2	PE 100	140	-3.28	0.67	0.007
627	10	J-730	J-666	79.2	PE 100	140	-0.3	0.06	0
628	10	J-731	J-626	79.2	PE 100	140	1.2	0.24	0.001
629	11	J-732	J-633	79.2	PE 100	140	5.29	1.07	0.016
630	11	J-733	J-558	79.2	PE 100	140	-3.58	0.73	0.008
631	11	J-734	J-735	79.2	PE 100	140	0.6	0.12	0
632	11	J-627	J-736	79.2	PE 100	140	1.2	0.24	0.001
633	11	J-737	J-738	79.2	PE 100	140	5.59	1.14	0.018
634	11	J-246	J-739	79.2	PE 100	140	0.89	0.18	0.001
635	11	J-740	J-741	79.2	PE 100	140	2.6	0.53	0.004
636	11	J-701	J-691	79.2	PE 100	140	5.59	1.14	0.018
637	11	J-679	J-742	79.2	PE 100	140	0.9	0.18	0.001
638	11	J-743	J-744	79.2	PE 100	140	-1.1	0.22	0.001
639	11	J-745	J-746	79.2	PE 100	140	-2	0.41	0.003
640	11	J-747	J-748	79.2	PE 100	140	4.69	0.95	0.013
641	11	J-749	J-750	79.2	PE 100	140	-1.4	0.29	0.001
642	11	J-751	J-752	79.2	PE 100	140	-2	0.41	0.003
643	12	J-753	J-700	79.2	PE 100	140	5.59	1.14	0.018
644	12	J-754	J-441	79.2	PE 100	140	0.69	0.14	0
645	12	J-755	J-734	79.2	PE 100	140	0.6	0.12	0
646	12	J-707	J-756	79.2	PE 100	140	0.6	0.12	0
647	12	J-652	J-605	79.2	PE 100	140	1.8	0.37	0.002
648	12	J-735	J-757	79.2	PE 100	140	0.6	0.12	0
649	12	J-758	J-429	79.2	PE 100	140	1.8	0.37	0.002
650	12	J-759	J-760	79.2	PE 100	140	-3.58	0.73	0.008

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
651	12	J-761	J-704	79.2	PE 100	140	4.99	1.01	0.014
652	12	J-661	J-630	79.2	PE 100	140	0.6	0.12	0
653	12	J-762	J-641	79.2	PE 100	140	-0.99	0.2	0.001
654	12	J-763	J-753	79.2	PE 100	140	5.59	1.14	0.018
655	12	J-765	J-718	79.2	PE 100	140	-0.39	0.08	0
656	12	J-766	J-680	79.2	PE 100	140	4.99	1.01	0.014
657	12	J-647	J-767	79.2	PE 100	140	-0.69	0.14	0
658	13	J-768	J-769	79.2	PE 100	140	-2.59	0.53	0.004
659	13	J-588	J-770	79.2	PE 100	140	2.79	0.57	0.005
660	13	J-771	J-772	79.2	PE 100	140	1.59	0.32	0.002
661	13	J-773	J-620	79.2	PE 100	140	-0.3	0.06	0
662	13	J-752	J-618	79.2	PE 100	140	-2	0.41	0.003
663	13	J-774	J-628	79.2	PE 100	140	4.39	0.89	0.011
664	13	J-775	J-675	79.2	PE 100	140	-2	0.41	0.003
665	13	J-665	J-776	79.2	PE 100	140	4.99	1.01	0.014
666	13	J-676	J-751	79.2	PE 100	140	-2	0.41	0.003
667	13	J-777	J-731	79.2	PE 100	140	1.2	0.24	0.001
668	13	J-778	J-779	79.2	PE 100	140	5.59	1.14	0.018
669	13	J-780	J-747	79.2	PE 100	140	4.69	0.95	0.013
670	13	J-659	J-745	79.2	PE 100	140	-1.7	0.35	0.002
671	13	J-640	J-782	79.2	PE 100	140	3.6	0.73	0.008
672	13	J-783	J-784	79.2	PE 100	140	0.36	0.07	0
673	13	J-785	J-786	79.2	PE 100	140	0.3	0.06	0
674	13	J-787	J-551	79.2	PE 100	140	2.04	0.41	0.003
675	14	J-788	J-777	79.2	PE 100	140	1.2	0.24	0.001
676	14	J-789	J-619	79.2	PE 100	140	2	0.41	0.003
677	14	J-790	J-791	79.2	PE 100	140	4.99	1.01	0.014
678	14	J-792	J-699	79.2	PE 100	140	-0.51	0.1	0
679	14	J-793	J-794	79.2	PE 100	140	2.2	0.45	0.003
680	14	J-795	J-796	79.2	PE 100	140	-0.07	0.01	0
681	14	J-797	J-798	79.2	PE 100	140	-3.88	0.79	0.009
682	14	J-799	J-586	79.2	PE 100	140	0.6	0.12	0
683	14	J-800	J-801	79.2	PE 100	140	4.99	1.01	0.014
684	14	J-756	J-802	79.2	PE 100	140	0.6	0.12	0
685	14	J-776	J-790	79.2	PE 100	140	4.99	1.01	0.014
686	14	J-803	J-804	79.2	PE 100	140	0.29	0.06	0
687	14	J-621	J-730	79.2	PE 100	140	-0.3	0.06	0
688	14	J-719	J-805	79.2	PE 100	140	-0.39	0.08	0
689	14	J-806	J-372	79.2	PE 100	140	-0.25	0.05	0
690	15	J-649	J-792	79.2	PE 100	140	-0.51	0.1	0
691	15	J-770	J-807	79.2	PE 100	140	2.49	0.51	0.004
692	15	J-808	J-755	79.2	PE 100	140	0.6	0.12	0
693	15	J-809	J-810	79.2	PE 100	140	-1.75	0.35	0.002
694	15	J-609	J-811	79.2	PE 100	140	1.59	0.32	0.002
695	15	J-812	J-813	79.2	PE 100	140	3.99	0.81	0.009
696	15	J-805	J-646	79.2	PE 100	140	-0.39	0.08	0
697	15	J-801	J-591	79.2	PE 100	140	4.99	1.01	0.014
698	15	J-746	J-775	79.2	PE 100	140	-2	0.41	0.003
699	15	J-814	J-226	79.2	PE 100	140	-0.65	0.13	0
700	16	J-815	J-687	79.2	PE 100	140	5.89	1.2	0.019
701	16	J-742	J-816	79.2	PE 100	140	0.9	0.18	0.001
702	16	J-817	J-818	79.2	PE 100	140	-1.75	0.35	0.002
703	16	J-819	J-820	79.2	PE 100	140	-2.59	0.53	0.004
704	16	J-816	J-821	79.2	PE 100	140	0.9	0.18	0.001
705	16	J-822	J-642	79.2	PE 100	140	-2.65	0.54	0.004
706	16	J-722	J-660	79.2	PE 100	140	0.6	0.12	0
707	16	J-760	J-733	79.2	PE 100	140	-3.58	0.73	0.008
708	16	J-823	J-824	79.2	PE 100	140	0.6	0.12	0
709	16	J-811	J-771	79.2	PE 100	140	1.59	0.32	0.002
710	16	J-631	J-825	79.2	PE 100	140	0.6	0.12	0
711	16	J-826	J-737	79.2	PE 100	140	5.59	1.14	0.018
712	16	J-802	J-799	79.2	PE 100	140	0.6	0.12	0
713	16	J-738	J-778	79.2	PE 100	140	5.59	1.14	0.018
714	17	J-786	J-827	79.2	PE 100	140	0.3	0.06	0
715	17	J-828	J-829	79.2	PE 100	140	-4.48	0.91	0.012

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
716	17	J-728	J-830	79.2	PE 100	140	-2.89	0.59	0.005
717	17	J-831	J-832	79.2	PE 100	140	5.59	1.14	0.018
718	17	J-833	J-612	79.2	PE 100	140	-4.48	0.91	0.012
719	17	J-834	J-835	79.2	PE 100	140	-2.59	0.53	0.004
720	17	J-674	J-836	79.2	PE 100	140	5.89	1.2	0.019
721	17	J-837	J-838	79.2	PE 100	140	1.5	0.3	0.002
722	17	J-839	J-840	79.2	PE 100	140	-2.05	0.42	0.003
723	17	J-685	J-841	79.2	PE 100	140	2.04	0.41	0.003
724	18	J-842	J-843	79.2	PE 100	140	0.05	0.01	0
725	18	J-713	J-654	79.2	PE 100	140	1.2	0.24	0.001
726	18	J-188	J-844	79.2	PE 100	140	3.99	0.81	0.009
727	18	J-636	J-845	79.2	PE 100	140	-4.48	0.91	0.012
728	18	J-582	J-846	79.2	PE 100	140	1.5	0.3	0.002
729	18	J-847	J-501	79.2	PE 100	140	2.1	0.43	0.003
730	18	J-848	J-714	79.2	PE 100	140	-0.69	0.14	0
731	18	J-668	J-849	79.2	PE 100	140	-2.59	0.53	0.004
732	18	J-850	J-851	79.2	PE 100	140	5.89	1.2	0.019
733	18	J-634	J-761	79.2	PE 100	140	4.99	1.01	0.014
734	18	J-836	J-710	79.2	PE 100	140	5.89	1.2	0.019
735	18	J-716	J-749	79.2	PE 100	140	-1.4	0.29	0.001
736	18	J-852	J-823	79.2	PE 100	140	0.6	0.12	0
737	19	J-853	J-551	79.2	PE 100	140	0.06	0.01	0
738	19	J-854	J-732	79.2	PE 100	140	5.29	1.07	0.016
739	19	J-748	J-672	79.2	PE 100	140	4.69	0.95	0.013
740	19	J-855	J-780	79.2	PE 100	140	4.69	0.95	0.013
741	19	J-832	J-763	79.2	PE 100	140	5.59	1.14	0.018
742	19	J-825	J-706	79.2	PE 100	140	0.6	0.12	0
743	19	J-856	J-684	79.2	PE 100	140	2.64	0.54	0.004
744	19	J-857	J-822	79.2	PE 100	140	-2.35	0.48	0.004
745	19	J-858	J-859	79.2	PE 100	140	0.35	0.07	0
746	19	J-643	J-860	79.2	PE 100	140	-2.95	0.6	0.005
747	20	J-851	J-815	79.2	PE 100	140	5.89	1.2	0.019
748	20	J-862	J-658	79.2	PE 100	140	-1.7	0.35	0.002
749	20	J-863	J-831	79.2	PE 100	140	5.59	1.14	0.018
750	20	J-864	J-768	79.2	PE 100	140	-2.59	0.53	0.004
751	20	J-667	J-723	79.2	PE 100	140	-0.3	0.06	0
752	20	J-865	J-556	79.2	PE 100	140	0	0	0
753	20	J-866	J-725	79.2	PE 100	140	-3.55	0.72	0.008
754	20	J-226	J-867	79.2	PE 100	140	-2.98	0.61	0.005
755	20	J-868	J-869	79.2	PE 100	140	-1.7	0.35	0.002
756	20	J-617	J-870	79.2	PE 100	140	0.99	0.2	0.001
757	20	J-791	J-800	79.2	PE 100	140	4.99	1.01	0.014
758	20	J-871	J-721	79.2	PE 100	140	0.9	0.18	0.001
759	20	J-572	J-872	79.2	PE 100	140	-2.05	0.42	0.003
760	20	J-873	J-797	79.2	PE 100	140	-3.88	0.79	0.009
761	21	J-798	J-583	79.2	PE 100	140	-3.88	0.79	0.009
762	21	J-874	J-595	79.2	PE 100	140	-2.95	0.6	0.005
763	21	J-875	J-864	79.2	PE 100	140	-2.59	0.53	0.004
764	22	J-876	J-862	79.2	PE 100	140	-1.7	0.35	0.002
765	22	J-688	J-863	79.2	PE 100	140	5.59	1.14	0.018
766	22	J-878	J-762	79.2	PE 100	140	-0.99	0.2	0.001
767	22	J-772	J-879	79.2	PE 100	140	1.29	0.26	0.001
768	22	J-880	J-881	79.2	PE 100	140	-1.75	0.35	0.002
769	22	J-882	J-708	79.2	PE 100	140	-2.59	0.53	0.004
770	22	J-692	J-826	79.2	PE 100	140	5.59	1.14	0.018
771	22	J-821	J-885	79.2	PE 100	140	0.9	0.18	0.001
772	22	J-781	J-758	79.2	PE 100	140	1.8	0.37	0.002
773	23	J-841	J-886	79.2	PE 100	140	2.04	0.41	0.003
774	23	J-750	J-887	79.2	PE 100	140	-1.4	0.29	0.001
775	23	J-888	J-889	79.2	PE 100	140	-2.05	0.42	0.003
776	23	J-881	J-888	79.2	PE 100	140	-1.75	0.35	0.002
777	23	J-681	J-890	79.2	PE 100	140	-0.69	0.14	0
778	23	J-824	J-808	79.2	PE 100	140	0.6	0.12	0
779	23	J-10	J-891	79.2	PE 100	140	2.64	0.54	0.004
780	23	J-892	J-893	79.2	PE 100	140	-2.35	0.48	0.004

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
781	23	J-894	J-895	79.2	PE 100	140	-1.75	0.35	0.002
782	23	J-711	J-850	79.2	PE 100	140	5.89	1.2	0.019
783	23	J-767	J-848	79.2	PE 100	140	-0.69	0.14	0
784	23	J-705	J-766	79.2	PE 100	140	4.99	1.01	0.014
785	23	J-673	J-774	79.2	PE 100	140	4.39	0.89	0.011
786	23	J-717	J-896	79.2	PE 100	140	2.9	0.59	0.005
787	23	J-897	J-898	79.2	PE 100	140	1.2	0.24	0.001
788	23	J-885	J-871	79.2	PE 100	140	0.9	0.18	0.001
789	23	J-899	J-900	79.2	PE 100	140	1.5	0.3	0.002
790	23	J-901	J-686	79.2	PE 100	140	3.69	0.75	0.008
791	24	J-902	J-903	79.2	PE 100	140	1.89	0.38	0.002
792	24	J-904	J-905	79.2	PE 100	140	0.99	0.2	0.001
793	24	J-906	J-423	79.2	PE 100	140	0.3	0.06	0
794	24	J-907	J-908	79.2	PE 100	140	-2.05	0.42	0.003
795	24	J-724	J-413	79.2	PE 100	140	4.09	0.83	0.01
796	24	J-813	J-901	79.2	PE 100	140	3.69	0.75	0.008
797	24	J-830	J-413	79.2	PE 100	140	-2.89	0.59	0.005
798	24	J-590	J-909	79.2	PE 100	140	3.1	0.63	0.006
799	24	J-910	J-847	79.2	PE 100	140	2.1	0.43	0.003
800	24	J-896	J-682	79.2	PE 100	140	2.9	0.59	0.005
801	25	J-592	J-855	79.2	PE 100	140	4.69	0.95	0.013
802	25	J-587	J-852	79.2	PE 100	140	0.6	0.12	0
803	25	J-820	J-911	79.2	PE 100	140	-2.59	0.53	0.004
804	25	J-846	J-899	79.2	PE 100	140	1.5	0.3	0.002
805	25	J-264	J-912	79.2	PE 100	140	3.6	0.73	0.008
806	25	J-879	J-616	79.2	PE 100	140	1.29	0.26	0.001
807	25	J-900	J-712	79.2	PE 100	140	1.5	0.3	0.002
808	26	J-905	J-913	79.2	PE 100	140	0.99	0.2	0.001
809	26	J-914	J-866	79.2	PE 100	140	-3.55	0.72	0.008
810	26	J-890	J-915	79.2	PE 100	140	-0.69	0.14	0
811	26	J-916	J-917	79.2	PE 100	140	1.2	0.24	0.001
812	26	J-849	J-882	79.2	PE 100	140	-2.59	0.53	0.004
813	27	J-918	J-793	79.2	PE 100	140	2.2	0.45	0.003
814	27	J-671	J-715	79.2	PE 100	140	-1.4	0.29	0.001
815	27	J-827	J-919	79.2	PE 100	140	0.3	0.06	0
816	27	J-908	J-702	79.2	PE 100	140	-2.05	0.42	0.003
817	27	J-920	J-921	79.2	PE 100	140	-3.55	0.72	0.008
818	27	J-804	J-922	79.2	PE 100	140	-0.01	0	0
819	27	J-615	J-856	79.2	PE 100	140	2.64	0.54	0.004
820	27	J-769	J-727	79.2	PE 100	140	-2.59	0.53	0.004
821	27	J-923	J-924	79.2	PE 100	140	-1.75	0.35	0.002
822	28	J-925	J-783	79.2	PE 100	140	0.36	0.07	0
823	28	J-858	J-814	79.2	PE 100	140	-0.65	0.13	0
824	28	J-645	J-926	79.2	PE 100	140	-0.38	0.08	0
825	28	J-869	J-876	79.2	PE 100	140	-1.7	0.35	0.002
826	28	J-927	J-857	79.2	PE 100	140	-2.35	0.48	0.004
827	28	J-600	J-759	79.2	PE 100	140	-3.58	0.73	0.008
828	28	J-928	J-599	79.2	PE 100	140	-3.28	0.67	0.007
829	29	J-909	J-929	79.2	PE 100	140	3.1	0.63	0.006
830	29	J-887	J-868	79.2	PE 100	140	-1.4	0.29	0.001
831	29	J-929	J-930	79.2	PE 100	140	3.1	0.63	0.006
832	29	J-931	J-865	79.2	PE 100	140	0	0	0
833	30	J-934	J-935	79.2	PE 100	140	-1.75	0.35	0.002
834	30	J-744	J-670	79.2	PE 100	140	-1.1	0.22	0.001
835	30	J-936	J-740	79.2	PE 100	140	2.6	0.53	0.004
836	30	J-937	J-853	79.2	PE 100	140	0.06	0.01	0
837	30	J-870	J-904	79.2	PE 100	140	0.99	0.2	0.001
838	30	J-757	J-938	79.2	PE 100	140	0.3	0.06	0
839	30	J-939	J-916	79.2	PE 100	140	1.2	0.24	0.001
840	30	J-893	J-927	79.2	PE 100	140	-2.35	0.48	0.004
841	30	J-664	J-940	79.2	PE 100	140	0.9	0.18	0.001
842	30	J-886	J-787	79.2	PE 100	140	2.04	0.41	0.003
843	30	J-941	J-795	79.2	PE 100	140	0.23	0.05	0
844	31	J-845	J-833	79.2	PE 100	140	-4.48	0.91	0.012
845	31	J-942	J-230	79.2	PE 100	140	-3.55	0.72	0.008

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
846	31	J-943	J-944	79.2	PE 100	140	-0.69	0.14	0
847	31	J-945	J-902	79.2	PE 100	140	1.89	0.38	0.002
848	31	J-835	J-819	79.2	PE 100	140	-2.59	0.53	0.004
849	32	J-946	J-947	79.2	PE 100	140	1.2	0.24	0.001
850	32	J-948	J-878	79.2	PE 100	140	-0.99	0.2	0.001
851	33	J-949	J-950	79.2	PE 100	140	2.1	0.43	0.003
852	33	J-607	J-951	79.2	PE 100	140	-3.28	0.67	0.007
853	33	J-709	J-834	79.2	PE 100	140	-2.59	0.53	0.004
854	33	J-867	J-729	79.2	PE 100	140	-2.98	0.61	0.005
855	33	J-891	J-614	79.2	PE 100	140	2.64	0.54	0.004
856	33	J-884	J-589	79.2	PE 100	140	3.1	0.63	0.006
857	33	J-952	J-817	79.2	PE 100	140	-1.75	0.35	0.002
858	33	J-953	J-809	79.2	PE 100	140	-1.75	0.35	0.002
859	34	J-613	J-954	79.2	PE 100	140	-4.48	0.91	0.012
860	34	J-955	J-956	79.2	PE 100	140	0.36	0.07	0
861	35	J-872	J-892	79.2	PE 100	140	-2.05	0.42	0.003
862	35	J-957	J-240	79.2	PE 100	140	-0.98	0.2	0.001
863	35	J-183	J-955	79.2	PE 100	140	0.36	0.07	0
864	35	J-889	J-907	79.2	PE 100	140	-2.05	0.42	0.003
865	35	J-958	J-923	79.2	PE 100	140	-1.75	0.35	0.002
866	35	J-219	J-959	79.2	PE 100	140	2.7	0.55	0.005
867	36	J-683	J-936	79.2	PE 100	140	2.6	0.53	0.004
868	36	J-779	J-854	79.2	PE 100	140	5.59	1.14	0.018
869	36	J-944	J-962	79.2	PE 100	140	-0.69	0.14	0
870	37	J-915	J-943	79.2	PE 100	140	-0.69	0.14	0
871	37	J-963	J-964	79.2	PE 100	140	0.36	0.07	0
872	37	J-703	J-839	79.2	PE 100	140	-2.05	0.42	0.003
873	37	J-917	J-965	79.2	PE 100	140	1.2	0.24	0.001
874	37	J-838	J-966	79.2	PE 100	140	1.5	0.3	0.002
875	37	J-913	J-754	79.2	PE 100	140	0.69	0.14	0
876	37	J-372	J-934	79.2	PE 100	140	-1.15	0.23	0.001
877	38	J-967	J-695	79.2	PE 100	140	0	0	0
878	38	J-968	J-502	79.2	PE 100	140	1.5	0.3	0.002
879	39	J-912	J-720	79.2	PE 100	140	3.6	0.73	0.008
880	39	J-662	J-765	79.2	PE 100	140	-0.39	0.08	0
881	39	J-956	J-963	79.2	PE 100	140	0.36	0.07	0
882	39	J-966	J-968	79.2	PE 100	140	1.5	0.3	0.002
883	40	J-969	J-970	79.2	PE 100	140	-0.01	0	0
884	40	J-962	J-948	79.2	PE 100	140	-0.69	0.14	0
885	40	J-971	J-972	79.2	PE 100	140	0.36	0.07	0
886	40	J-973	J-937	79.2	PE 100	140	0.06	0.01	0
887	40	J-974	J-788	79.2	PE 100	140	1.2	0.24	0.001
888	40	J-947	J-939	79.2	PE 100	140	1.2	0.24	0.001
889	41	J-632	J-785	79.2	PE 100	140	0.3	0.06	0
890	41	J-976	J-977	79.2	PE 100	140	2.1	0.43	0.003
891	42	J-829	J-568	79.2	PE 100	140	-4.48	0.91	0.012
892	42	J-898	J-946	79.2	PE 100	140	1.2	0.24	0.001
893	42	J-810	J-880	79.2	PE 100	140	-1.75	0.35	0.002
894	42	J-653	J-974	79.2	PE 100	140	1.5	0.3	0.002
895	42	J-784	J-971	79.2	PE 100	140	0.36	0.07	0
896	42	J-911	J-875	79.2	PE 100	140	-2.59	0.53	0.004
897	42	J-919	J-967	79.2	PE 100	140	0	0	0
898	42	J-844	J-812	79.2	PE 100	140	3.99	0.81	0.009
899	43	J-611	J-564	79.2	PE 100	140	0.83	0.17	0.001
900	43	J-690	J-978	79.2	PE 100	140	-3.55	0.72	0.008
901	43	J-965	J-548	79.2	PE 100	140	1.2	0.24	0.001
902	44	J-979	J-957	79.2	PE 100	140	-0.98	0.2	0.001
903	44	J-932	J-873	79.2	PE 100	140	-3.88	0.79	0.009
904	44	J-938	J-906	79.2	PE 100	140	0.3	0.06	0
905	44	J-964	J-925	79.2	PE 100	140	0.36	0.07	0
906	44	J-972	J-973	79.2	PE 100	140	0.06	0.01	0
907	44	J-818	J-980	79.2	PE 100	140	-1.75	0.35	0.002
908	44	J-980	J-953	79.2	PE 100	140	-1.75	0.35	0.002
909	45	J-981	J-842	79.2	PE 100	140	0.35	0.07	0
910	45	J-970	J-624	79.2	PE 100	140	-0.01	0	0

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
911	45	J-698	J-983	79.2	PE 100	140	0.59	0.12	0
912	45	J-984	J-697	79.2	PE 100	140	0.89	0.18	0.001
913	45	J-741	J-789	79.2	PE 100	140	2.6	0.53	0.004
914	45	J-951	J-928	79.2	PE 100	140	-3.28	0.67	0.007
915	46	J-565	J-941	79.2	PE 100	140	0.23	0.05	0
916	47	J-983	J-560	79.2	PE 100	140	0.59	0.12	0
917	48	J-625	J-644	79.2	PE 100	140	-0.08	0.02	0
918	48	J-985	J-648	79.2	PE 100	140	2.19	0.45	0.003
919	48	J-796	J-625	79.2	PE 100	140	-0.07	0.01	0
920	48	J-561	J-803	79.2	PE 100	140	0.29	0.06	0
921	50	J-903	J-986	79.2	PE 100	140	1.29	0.26	0.001
922	51	J-926	J-669	79.2	PE 100	140	-0.38	0.08	0
923	52	J-736	J-897	79.2	PE 100	140	1.2	0.24	0.001
924	53	J-739	J-984	79.2	PE 100	140	0.89	0.18	0.001
925	53	J-977	J-910	79.2	PE 100	140	2.1	0.43	0.003
926	53	J-988	J-914	79.2	PE 100	140	-3.55	0.72	0.008
927	54	J-696	J-931	79.2	PE 100	140	0	0	0
928	54	J-558	J-569	79.2	PE 100	140	-3.58	0.73	0.008
929	56	J-989	J-945	79.2	PE 100	140	1.89	0.38	0.002
930	56	J-922	J-969	79.2	PE 100	140	-0.01	0	0
931	60	J-807	J-985	79.2	PE 100	140	2.49	0.51	0.004
932	60	J-990	J-991	79.2	PE 100	140	0.05	0.01	0
933	61	J-992	J-993	79.2	PE 100	140	-0.25	0.05	0
934	62	J-982	J-994	79.2	PE 100	140	-0.68	0.14	0
935	62	J-596	J-920	79.2	PE 100	140	-3.25	0.66	0.006
936	64	J-840	J-571	79.2	PE 100	140	-2.05	0.42	0.003
937	64	J-859	J-981	79.2	PE 100	140	0.35	0.07	0
938	64	J-991	J-995	79.2	PE 100	140	-0.25	0.05	0
939	65	J-921	J-988	79.2	PE 100	140	-3.55	0.72	0.008
940	68	J-843	J-996	79.2	PE 100	140	0.05	0.01	0
941	68	J-997	J-806	79.2	PE 100	140	-0.25	0.05	0
942	68	J-959	J-998	79.2	PE 100	140	2.7	0.55	0.005
943	68	J-978	J-999	79.2	PE 100	140	-3.55	0.72	0.008
944	69	J-994	J-979	79.2	PE 100	140	-0.68	0.14	0
945	69	J-860	J-874	79.2	PE 100	140	-2.95	0.6	0.005
946	69	J-228	J-610	79.2	PE 100	140	1.13	0.23	0.001
947	70	J-999	J-942	79.2	PE 100	140	-3.55	0.72	0.008
948	70	J-986	J-575	79.2	PE 100	140	0.99	0.2	0.001
949	71	J-996	J-990	79.2	PE 100	140	0.05	0.01	0
950	71	J-1000	J-1001	79.2	PE 100	140	2.7	0.55	0.005
951	74	J-895	J-952	79.2	PE 100	140	-1.75	0.35	0.002
952	75	J-1002	J-989	79.2	PE 100	140	1.89	0.38	0.002
953	76	J-993	J-997	79.2	PE 100	140	-0.25	0.05	0
954	82	J-1003	J-894	79.2	PE 100	140	-1.75	0.35	0.002
955	83	J-995	J-992	79.2	PE 100	140	-0.25	0.05	0
956	84	J-998	J-1000	79.2	PE 100	140	2.7	0.55	0.005
957	87	J-924	J-1003	79.2	PE 100	140	-1.75	0.35	0.002
958	90	J-1001	J-976	79.2	PE 100	140	2.7	0.55	0.005
959	100	J-954	J-828	79.2	PE 100	140	-4.48	0.91	0.012
960	104	J-935	J-958	79.2	PE 100	140	-1.75	0.35	0.002
961	4	J-1004	J-1005	26	PE 100	140	0.3	0.57	0.018
962	4	J-1006	J-1007	26	PE 100	140	0.3	0.57	0.018
963	4	J-1008	J-1009	26	PE 100	140	0.3	0.57	0.018
964	5	J-1010	J-1011	26	PE 100	140	0.3	0.57	0.018
965	5	J-1012	J-1013	26	PE 100	140	0.3	0.57	0.018
966	5	J-1014	J-1015	26	PE 100	140	0.3	0.57	0.018
967	5	J-1016	J-1017	26	PE 100	140	0.3	0.57	0.018
968	5	J-1018	J-1019	26	PE 100	140	0.3	0.57	0.018
969	5	J-1020	J-1021	26	PE 100	140	0.3	0.57	0.018
970	6	J-1022	J-1023	26	PE 100	140	0.3	0.57	0.018
971	6	J-1024	J-1025	26	PE 100	140	0.3	0.57	0.018
972	7	J-1026	J-1027	26	PE 100	140	0.3	0.57	0.018
973	7	J-1028	J-1029	26	PE 100	140	-0.3	0.57	0.018
974	7	J-1030	J-1031	26	PE 100	140	0.3	0.57	0.018
975	7	J-1032	J-1033	26	PE 100	140	0	0	0

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
976	7	J-1034	J-1035	26	PE 100	140	0	0	0
977	7	J-387	J-1036	26	PE 100	140	0.3	0.57	0.018
978	8	J-1037	J-1038	26	PE 100	140	0.3	0.57	0.018
979	8	J-1039	J-1040	26	PE 100	140	0.3	0.57	0.018
980	8	J-1041	J-1022	26	PE 100	140	0.3	0.57	0.018
981	8	J-1042	J-1043	26	PE 100	140	-0.3	0.57	0.018
982	8	J-1044	J-1045	26	PE 100	140	0.3	0.57	0.018
983	9	J-1026	J-1041	26	PE 100	140	0.3	0.57	0.018
984	9	J-1023	J-1046	26	PE 100	140	0.3	0.57	0.018
985	9	J-1047	J-1048	26	PE 100	140	0	0	0
986	9	J-1049	J-1050	26	PE 100	140	0.3	0.57	0.018
987	9	J-1051	J-1052	26	PE 100	140	0.3	0.57	0.018
988	9	J-1053	J-1054	26	PE 100	140	-0.3	0.57	0.018
989	9	J-1055	J-1056	26	PE 100	140	0.3	0.57	0.018
990	9	J-1049	J-1057	26	PE 100	140	0.3	0.57	0.018
991	9	J-1043	J-1058	26	PE 100	140	-0.3	0.57	0.018
992	9	J-1059	J-1060	26	PE 100	140	0.3	0.57	0.018
993	9	J-1061	J-1062	26	PE 100	140	0.3	0.57	0.018
994	10	J-1063	J-1064	26	PE 100	140	0.3	0.57	0.018
995	10	J-1065	J-1066	26	PE 100	140	0.3	0.57	0.018
996	10	J-1067	J-1068	26	PE 100	140	-0.3	0.57	0.018
997	10	J-1069	J-1070	26	PE 100	140	-0.3	0.57	0.018
998	10	J-1019	J-1029	26	PE 100	140	0.3	0.57	0.018
999	11	J-1071	J-1072	26	PE 100	140	-0.3	0.57	0.018
1000	11	J-1073	J-1018	26	PE 100	140	-0.3	0.57	0.018
1001	11	J-1074	J-1075	26	PE 100	140	-0.3	0.57	0.018
1002	12	J-1076	J-1077	26	PE 100	140	0.3	0.57	0.018
1003	12	J-370	J-1078	26	PE 100	140	0.3	0.57	0.018
1004	13	J-1079	J-1080	26	PE 100	140	0.3	0.57	0.018
1005	13	J-1081	J-1082	26	PE 100	140	-0.3	0.57	0.018
1006	13	J-1075	J-1083	26	PE 100	140	0.3	0.57	0.018
1007	13	J-1061	J-1084	26	PE 100	140	0.3	0.57	0.018
1008	15	J-1083	J-1055	26	PE 100	140	0.3	0.57	0.018
1009	15	J-1060	J-1085	26	PE 100	140	0.3	0.57	0.018
1010	15	J-1010	J-1006	26	PE 100	140	0.3	0.57	0.018
1011	15	J-1085	J-1086	26	PE 100	140	0.3	0.57	0.018
1012	17	J-1087	J-1037	26	PE 100	140	0.3	0.57	0.018
1013	17	J-1020	J-1014	26	PE 100	140	0.3	0.57	0.018
1014	18	J-1044	J-1087	26	PE 100	140	0.6	1.13	0.064
1015	19	J-1063	J-1058	26	PE 100	140	0.3	0.57	0.018
1016	20	J-1088	J-1089	26	PE 100	140	0.3	0.57	0.018
1017	20	J-1090	J-1091	26	PE 100	140	0.3	0.57	0.018
1018	20	J-1087	J-1092	26	PE 100	140	0.3	0.57	0.018
1019	21	J-389	J-1093	26	PE 100	140	0.3	0.57	0.018
1020	24	J-387	J-1094	26	PE 100	140	0.3	0.57	0.018
1021	28	J-373	J-1095	26	PE 100	140	0.3	0.57	0.018
1022	28	J-350	J-1096	26	PE 100	140	0.3	0.57	0.018
1023	28	J-1009	J-1088	26	PE 100	140	0.3	0.57	0.018
1024	30	J-1097	J-1098	26	PE 100	140	0.3	0.57	0.018
1025	30	J-373	J-1099	26	PE 100	140	0.3	0.57	0.018
1026	30	J-337	J-1100	26	PE 100	140	0.3	0.57	0.018
1027	37	J-1008	J-1024	26	PE 100	140	0.3	0.57	0.018
1028	40	J-1089	J-1101	26	PE 100	140	0.3	0.57	0.018
1029	41	J-1102	J-1090	26	PE 100	140	0.3	0.57	0.018
1030	41	J-1044	J-1103	26	PE 100	140	0.3	0.57	0.018
1031	3	J-578	J-1104	32.6	PE 100	140	0.3	0.36	0.006
1032	3	J-1105	J-1106	32.6	PE 100	140	0.3	0.36	0.006
1033	3	J-1107	J-1108	32.6	PE 100	140	0	0	0
1034	3	J-422	J-1109	32.6	PE 100	140	0.9	1.08	0.045
1035	3	J-1110	J-1111	32.6	PE 100	140	0.3	0.36	0.006
1036	3	J-410	J-1112	32.6	PE 100	140	0.9	1.08	0.045
1037	4	J-1113	J-1114	32.6	PE 100	140	0.3	0.36	0.006
1038	4	J-364	J-1115	32.6	PE 100	140	0.6	0.72	0.021
1039	4	J-1116	J-1117	32.6	PE 100	140	0.3	0.36	0.006
1040	4	J-1118	J-1119	32.6	PE 100	140	0.3	0.36	0.006

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1041	4	J-1120	J-1110	32.6	PE 100	140	0.3	0.36	0.006
1042	4	J-672	J-1121	32.6	PE 100	140	0.3	0.36	0.006
1043	4	J-40	J-1122	32.6	PE 100	140	0.3	0.36	0.006
1044	4	J-1115	J-1123	32.6	PE 100	140	0.3	0.36	0.006
1045	4	J-1124	J-1125	32.6	PE 100	140	0.3	0.36	0.006
1046	4	J-1126	J-1127	32.6	PE 100	140	0.3	0.36	0.006
1047	5	J-1128	J-406	32.6	PE 100	140	-0.3	0.36	0.006
1048	5	J-1129	J-1130	32.6	PE 100	140	0.3	0.36	0.006
1049	5	J-1131	J-1124	32.6	PE 100	140	0.3	0.36	0.006
1050	5	J-1132	J-1133	32.6	PE 100	140	0.3	0.36	0.006
1051	5	J-1111	J-1134	32.6	PE 100	140	0.3	0.36	0.006
1052	6	J-1135	J-1136	32.6	PE 100	140	0.3	0.36	0.006
1053	6	J-1137	J-1138	32.6	PE 100	140	0.3	0.36	0.006
1054	6	J-1115	J-1126	32.6	PE 100	140	0.3	0.36	0.006
1055	6	J-1139	J-1140	32.6	PE 100	140	0.3	0.36	0.006
1056	6	J-1141	J-1142	32.6	PE 100	140	0.3	0.36	0.006
1057	6	J-475	J-1143	32.6	PE 100	140	0.3	0.36	0.006
1058	6	J-591	J-1144	32.6	PE 100	140	0.3	0.36	0.006
1059	6	J-376	J-1145	32.6	PE 100	140	0.3	0.36	0.006
1060	6	J-1146	J-1147	32.6	PE 100	140	0.3	0.36	0.006
1061	6	J-1148	J-1149	32.6	PE 100	140	0.3	0.36	0.006
1062	6	J-1150	J-1151	32.6	PE 100	140	0.3	0.36	0.006
1063	6	J-1152	J-1153	32.6	PE 100	140	0.3	0.36	0.006
1064	6	J-233	J-1154	32.6	PE 100	140	0.3	0.36	0.006
1065	6	J-1117	J-1155	32.6	PE 100	140	0.3	0.36	0.006
1066	7	J-1122	J-1156	32.6	PE 100	140	0.3	0.36	0.006
1067	7	J-1157	J-1152	32.6	PE 100	140	0.3	0.36	0.006
1068	7	J-1145	J-1158	32.6	PE 100	140	0.3	0.36	0.006
1069	7	J-1106	J-1159	32.6	PE 100	140	0.3	0.36	0.006
1070	7	J-1103	J-1160	32.6	PE 100	140	0.3	0.36	0.006
1071	7	J-1161	J-1162	32.6	PE 100	140	0.3	0.36	0.006
1072	7	J-1163	J-1157	32.6	PE 100	140	0.3	0.36	0.006
1073	7	J-210	J-1164	32.6	PE 100	140	0.3	0.36	0.006
1074	7	J-1165	J-1166	32.6	PE 100	140	0.3	0.36	0.006
1075	7	J-1167	J-1168	32.6	PE 100	140	0.3	0.36	0.006
1076	7	J-1169	J-1170	32.6	PE 100	140	0.3	0.36	0.006
1077	7	J-1171	J-1172	32.6	PE 100	140	-0.3	0.36	0.006
1078	7	J-1173	J-1174	32.6	PE 100	140	0.3	0.36	0.006
1079	7	J-1175	J-1176	32.6	PE 100	140	0.3	0.36	0.006
1080	8	J-1177	J-1178	32.6	PE 100	140	0.3	0.36	0.006
1081	8	J-1133	J-1161	32.6	PE 100	140	0.3	0.36	0.006
1082	8	J-1179	J-1120	32.6	PE 100	140	0.3	0.36	0.006
1083	8	J-1180	J-1173	32.6	PE 100	140	0.3	0.36	0.006
1084	8	J-628	J-1181	32.6	PE 100	140	0.3	0.36	0.006
1085	8	J-519	J-1182	32.6	PE 100	140	0.3	0.36	0.006
1086	8	J-1183	J-1184	32.6	PE 100	140	0.3	0.36	0.006
1087	8	J-1185	J-1186	32.6	PE 100	140	0.3	0.36	0.006
1088	8	J-1187	J-1188	32.6	PE 100	140	0.3	0.36	0.006
1089	8	J-822	J-1189	32.6	PE 100	140	0.3	0.36	0.006
1090	8	J-1188	J-1190	32.6	PE 100	140	0.3	0.36	0.006
1091	8	J-451	J-1191	32.6	PE 100	140	0.3	0.36	0.006
1092	9	J-1123	J-1192	32.6	PE 100	140	0.3	0.36	0.006
1093	9	J-1109	J-1193	32.6	PE 100	140	0.3	0.36	0.006
1094	9	J-1194	J-1195	32.6	PE 100	140	0.3	0.36	0.006
1095	9	J-1196	J-1197	32.6	PE 100	140	0.3	0.36	0.006
1096	9	J-333	J-1198	32.6	PE 100	140	0.3	0.36	0.006
1097	9	J-1199	J-1200	32.6	PE 100	140	0.3	0.36	0.006
1098	9	J-1201	J-1131	32.6	PE 100	140	0.3	0.36	0.006
1099	9	J-1202	J-1203	32.6	PE 100	140	0.3	0.36	0.006
1100	9	J-441	J-1204	32.6	PE 100	140	0.3	0.36	0.006
1101	9	J-1189	J-1205	32.6	PE 100	140	0.3	0.36	0.006
1102	9	J-1136	J-1206	32.6	PE 100	140	0.3	0.36	0.006
1103	9	J-501	J-1207	32.6	PE 100	140	0.3	0.36	0.006
1104	10	J-1208	J-1209	32.6	PE 100	140	-0.3	0.36	0.006
1105	10	J-64	J-1210	32.6	PE 100	140	0.3	0.36	0.006

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1106	10	J-1211	J-1212	32.6	PE 100	140	0.3	0.36	0.006
1107	10	J-1213	J-1183	32.6	PE 100	140	0.3	0.36	0.006
1108	10	J-1206	J-1214	32.6	PE 100	140	0.3	0.36	0.006
1109	10	J-1212	J-1215	32.6	PE 100	140	0.3	0.36	0.006
1110	10	J-1192	J-1216	32.6	PE 100	140	0.3	0.36	0.006
1111	10	J-271	J-1217	32.6	PE 100	140	0.3	0.36	0.006
1112	10	J-1214	J-1218	32.6	PE 100	140	0.3	0.36	0.006
1113	10	J-1127	J-1219	32.6	PE 100	140	0.3	0.36	0.006
1114	10	J-1220	J-1221	32.6	PE 100	140	0.3	0.36	0.006
1115	10	J-1176	J-1222	32.6	PE 100	140	0.3	0.36	0.006
1116	10	J-1223	J-1224	32.6	PE 100	140	0.3	0.36	0.006
1117	10	J-1125	J-1225	32.6	PE 100	140	0.3	0.36	0.006
1118	10	J-1226	J-1227	32.6	PE 100	140	-0.3	0.36	0.006
1119	10	J-1228	J-1229	32.6	PE 100	140	0.3	0.36	0.006
1120	10	J-617	J-1230	32.6	PE 100	140	0.3	0.36	0.006
1121	11	J-1156	J-1135	32.6	PE 100	140	0.3	0.36	0.006
1122	11	J-1144	J-1231	32.6	PE 100	140	0.3	0.36	0.006
1123	11	J-1232	J-1233	32.6	PE 100	140	0.3	0.36	0.006
1124	11	J-1149	J-1234	32.6	PE 100	140	0.3	0.36	0.006
1125	11	J-1235	J-1187	32.6	PE 100	140	0.3	0.36	0.006
1126	11	J-1200	J-1116	32.6	PE 100	140	0.3	0.36	0.006
1127	11	J-1236	J-1237	32.6	PE 100	140	0.3	0.36	0.006
1128	11	J-1238	J-1239	32.6	PE 100	140	0.3	0.36	0.006
1129	11	J-18	J-1240	32.6	PE 100	140	0.3	0.36	0.006
1130	11	J-1241	J-1242	32.6	PE 100	140	0.3	0.36	0.006
1131	11	J-1243	J-1244	32.6	PE 100	140	0.3	0.36	0.006
1132	11	J-446	J-1245	32.6	PE 100	140	0.3	0.36	0.006
1133	11	J-1170	J-1246	32.6	PE 100	140	0.3	0.36	0.006
1134	11	J-1104	J-1247	32.6	PE 100	140	0.3	0.36	0.006
1135	11	J-1197	J-1248	32.6	PE 100	140	0.3	0.36	0.006
1136	11	J-102	J-1249	32.6	PE 100	140	0.3	0.36	0.006
1137	11	J-633	J-1194	32.6	PE 100	140	0.3	0.36	0.006
1138	11	J-1250	J-1196	32.6	PE 100	140	0.3	0.36	0.006
1139	12	J-355	J-1251	32.6	PE 100	140	0.3	0.36	0.006
1140	12	J-1252	J-1220	32.6	PE 100	140	0.3	0.36	0.006
1141	12	J-1253	J-1254	32.6	PE 100	140	0.3	0.36	0.006
1142	12	J-1218	J-1137	32.6	PE 100	140	0.3	0.36	0.006
1143	12	J-1255	J-1235	32.6	PE 100	140	0.3	0.36	0.006
1144	12	J-1256	J-1257	32.6	PE 100	140	0.3	0.36	0.006
1145	12	J-1258	J-1259	32.6	PE 100	140	0.3	0.36	0.006
1146	12	J-1260	J-1261	32.6	PE 100	140	0.3	0.36	0.006
1147	12	J-1262	J-1177	32.6	PE 100	140	0.3	0.36	0.006
1148	12	J-1263	J-1264	32.6	PE 100	140	0.3	0.36	0.006
1149	12	J-119	J-1265	32.6	PE 100	140	0.3	0.36	0.006
1150	12	J-1266	J-1267	32.6	PE 100	140	0.3	0.36	0.006
1151	13	J-1190	J-1268	32.6	PE 100	140	0.3	0.36	0.006
1152	13	J-340	J-1269	32.6	PE 100	140	0.3	0.36	0.006
1153	13	J-1270	J-1271	32.6	PE 100	140	0.3	0.36	0.006
1154	13	J-1134	J-1272	32.6	PE 100	140	0.3	0.36	0.006
1155	13	J-1273	J-1105	32.6	PE 100	140	0.3	0.36	0.006
1156	13	J-1274	J-1241	32.6	PE 100	140	0.3	0.36	0.006
1157	13	J-1275	J-1276	32.6	PE 100	140	0.3	0.36	0.006
1158	13	J-1230	J-1199	32.6	PE 100	140	0.3	0.36	0.006
1159	13	J-115	J-1277	32.6	PE 100	140	0.6	0.72	0.021
1160	13	J-1278	J-1279	32.6	PE 100	140	0.3	0.36	0.006
1161	13	J-940	J-1280	32.6	PE 100	140	0.3	0.36	0.006
1162	13	J-1281	J-1282	32.6	PE 100	140	0.3	0.36	0.006
1163	13	J-378	J-1283	32.6	PE 100	140	0.3	0.36	0.006
1164	13	J-1284	J-1201	32.6	PE 100	140	0.3	0.36	0.006
1165	14	J-1285	J-1286	32.6	PE 100	140	0.3	0.36	0.006
1166	14	J-1287	J-1288	32.6	PE 100	140	0.3	0.36	0.006
1167	14	J-1251	J-1289	32.6	PE 100	140	0.3	0.36	0.006
1168	14	J-1290	J-1291	32.6	PE 100	140	0	0	0
1169	14	J-1108	J-1292	32.6	PE 100	140	0	0	0
1170	14	J-1293	J-1294	32.6	PE 100	140	0.3	0.36	0.006

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Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1171	14	J-1295	J-1296	32.6	PE 100	140	0.3	0.36	0.006
1172	14	J-1297	J-1298	32.6	PE 100	140	0.3	0.36	0.006
1173	15	J-526	J-1236	32.6	PE 100	140	0.3	0.36	0.006
1174	15	J-1299	J-1300	32.6	PE 100	140	-0.3	0.36	0.006
1175	15	J-1217	J-1301	32.6	PE 100	140	0.3	0.36	0.006
1176	15	J-1302	J-1303	32.6	PE 100	140	0.3	0.36	0.006
1177	15	J-1304	J-1305	32.6	PE 100	140	0.3	0.36	0.006
1178	15	J-1306	J-1307	32.6	PE 100	140	0.3	0.36	0.006
1179	15	J-1308	J-1309	32.6	PE 100	140	0.3	0.36	0.006
1180	15	J-1310	J-1311	32.6	PE 100	140	0.3	0.36	0.006
1181	15	J-1312	J-1313	32.6	PE 100	140	0.3	0.36	0.006
1182	15	J-1314	J-1252	32.6	PE 100	140	0.3	0.36	0.006
1183	15	J-387	J-1315	32.6	PE 100	140	0.3	0.36	0.006
1184	15	J-1154	J-1316	32.6	PE 100	140	0.3	0.36	0.006
1185	15	J-1245	J-1274	32.6	PE 100	140	0.3	0.36	0.006
1186	15	J-1317	J-1179	32.6	PE 100	140	0.3	0.36	0.006
1187	15	J-1225	J-1318	32.6	PE 100	140	0.3	0.36	0.006
1188	16	J-684	J-1319	32.6	PE 100	140	0.3	0.36	0.006
1189	16	J-1320	J-1321	32.6	PE 100	140	0.3	0.36	0.006
1190	16	J-1227	J-1171	32.6	PE 100	140	-0.3	0.36	0.006
1191	16	J-1322	J-1323	32.6	PE 100	140	-0.3	0.36	0.006
1192	16	J-1324	J-1325	32.6	PE 100	140	0	0	0
1193	16	J-1204	J-1326	32.6	PE 100	140	0.3	0.36	0.006
1194	16	J-1203	J-1295	32.6	PE 100	140	0.3	0.36	0.006
1195	16	J-1327	J-1148	32.6	PE 100	140	0.3	0.36	0.006
1196	16	J-1328	J-1329	32.6	PE 100	140	-0.3	0.36	0.006
1197	16	J-1330	J-1331	32.6	PE 100	140	-0.3	0.36	0.006
1198	17	J-367	J-1332	32.6	PE 100	140	0.3	0.36	0.006
1199	17	J-1333	J-1334	32.6	PE 100	140	0.3	0.36	0.006
1200	17	J-1335	J-1336	32.6	PE 100	140	0.3	0.36	0.006
1201	17	J-1249	J-1337	32.6	PE 100	140	0.3	0.36	0.006
1202	17	J-1271	J-1260	32.6	PE 100	140	0.3	0.36	0.006
1203	17	J-1162	J-1338	32.6	PE 100	140	0.3	0.36	0.006
1204	17	J-1294	J-1150	32.6	PE 100	140	0.3	0.36	0.006
1205	17	J-1339	J-1223	32.6	PE 100	140	0.3	0.36	0.006
1206	17	J-1340	J-1341	32.6	PE 100	140	0.3	0.36	0.006
1207	17	J-1342	J-1343	32.6	PE 100	140	0.3	0.36	0.006
1208	17	J-1344	J-1345	32.6	PE 100	140	0.3	0.36	0.006
1209	17	J-1346	J-1275	32.6	PE 100	140	0.3	0.36	0.006
1210	17	J-1347	J-1348	32.6	PE 100	140	0.3	0.36	0.006
1211	17	J-1349	J-1350	32.6	PE 100	140	0.3	0.36	0.006
1212	18	J-1195	J-1340	32.6	PE 100	140	0.3	0.36	0.006
1213	18	J-1138	J-1351	32.6	PE 100	140	0.3	0.36	0.006
1214	18	J-1305	J-1175	32.6	PE 100	140	0.3	0.36	0.006
1215	18	J-1174	J-1352	32.6	PE 100	140	0.3	0.36	0.006
1216	18	J-1283	J-1293	32.6	PE 100	140	0.3	0.36	0.006
1217	18	J-1353	J-1354	32.6	PE 100	140	-0.3	0.36	0.006
1218	18	J-210	J-1355	32.6	PE 100	140	0.3	0.36	0.006
1219	18	J-1356	J-1238	32.6	PE 100	140	0.3	0.36	0.006
1220	18	J-480	J-1349	32.6	PE 100	140	0.3	0.36	0.006
1221	19	J-1318	J-1357	32.6	PE 100	140	0.3	0.36	0.006
1222	19	J-1355	J-1358	32.6	PE 100	140	0.3	0.36	0.006
1223	19	J-179	J-1359	32.6	PE 100	140	0.3	0.36	0.006
1224	19	J-1360	J-1361	32.6	PE 100	140	0.3	0.36	0.006
1225	19	J-986	J-1362	32.6	PE 100	140	0.3	0.36	0.006
1226	19	J-1354	J-1363	32.6	PE 100	140	-0.3	0.36	0.006
1227	19	J-1247	J-1211	32.6	PE 100	140	0.3	0.36	0.006
1228	19	J-1364	J-1365	32.6	PE 100	140	0.3	0.36	0.006
1229	19	J-1326	J-1366	32.6	PE 100	140	0.3	0.36	0.006
1230	19	J-1268	J-1129	32.6	PE 100	140	0.3	0.36	0.006
1231	19	J-1332	J-1347	32.6	PE 100	140	0.3	0.36	0.006
1232	19	J-1367	J-1368	32.6	PE 100	140	0.3	0.36	0.006
1233	19	J-1369	J-1118	32.6	PE 100	140	0.3	0.36	0.006
1234	20	J-1370	J-1371	32.6	PE 100	140	0.3	0.36	0.006
1235	20	J-1372	J-1373	32.6	PE 100	140	0.3	0.36	0.006

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1236	20	J-1374	J-1308	32.6	PE 100	140	0.3	0.36	0.006
1237	20	J-1375	J-1253	32.6	PE 100	140	0.3	0.36	0.006
1238	20	J-448	J-1376	32.6	PE 100	140	0.3	0.36	0.006
1239	20	J-1377	J-1378	32.6	PE 100	140	-0.3	0.36	0.006
1240	21	J-1315	J-1379	32.6	PE 100	140	0.3	0.36	0.006
1241	21	J-1181	J-1380	32.6	PE 100	140	0.3	0.36	0.006
1242	21	J-1231	J-1232	32.6	PE 100	140	0.3	0.36	0.006
1243	21	J-1178	J-1132	32.6	PE 100	140	0.3	0.36	0.006
1244	21	J-1381	J-1382	32.6	PE 100	140	0.3	0.36	0.006
1245	21	J-1319	J-1335	32.6	PE 100	140	0.3	0.36	0.006
1246	21	J-1383	J-1384	32.6	PE 100	140	0.3	0.36	0.006
1247	21	J-1385	J-1386	32.6	PE 100	140	0.3	0.36	0.006
1248	21	J-360	J-1387	32.6	PE 100	140	0.3	0.36	0.006
1249	21	J-1191	J-1281	32.6	PE 100	140	0.3	0.36	0.006
1250	21	J-1388	J-1389	32.6	PE 100	140	0.3	0.36	0.006
1251	22	J-1158	J-1390	32.6	PE 100	140	0.3	0.36	0.006
1252	22	J-1362	J-1391	32.6	PE 100	140	0.3	0.36	0.006
1253	22	J-1391	J-1392	32.6	PE 100	140	0.3	0.36	0.006
1254	22	J-1221	J-1393	32.6	PE 100	140	0.3	0.36	0.006
1255	22	J-1394	J-1395	32.6	PE 100	140	0.3	0.36	0.006
1256	22	J-1396	J-1208	32.6	PE 100	140	-0.3	0.36	0.006
1257	22	J-1397	J-1398	32.6	PE 100	140	0.3	0.36	0.006
1258	22	J-1169	J-1399	32.6	PE 100	140	0.3	0.36	0.006
1259	22	J-1345	J-1400	32.6	PE 100	140	0.3	0.36	0.006
1260	22	J-1401	J-1402	32.6	PE 100	140	0.3	0.36	0.006
1261	22	J-1403	J-1404	32.6	PE 100	140	0.3	0.36	0.006
1262	22	J-1168	J-1405	32.6	PE 100	140	0.3	0.36	0.006
1263	23	J-1359	J-1243	32.6	PE 100	140	0.3	0.36	0.006
1264	23	J-1406	J-1407	32.6	PE 100	140	0.3	0.36	0.006
1265	23	J-1307	J-1408	32.6	PE 100	140	0.3	0.36	0.006
1266	23	J-1282	J-1409	32.6	PE 100	140	0.3	0.36	0.006
1267	23	J-1240	J-1410	32.6	PE 100	140	0.3	0.36	0.006
1268	23	J-1242	J-1411	32.6	PE 100	140	0.3	0.36	0.006
1269	23	J-1412	J-1413	32.6	PE 100	140	0.3	0.36	0.006
1270	23	J-608	J-1369	32.6	PE 100	140	0.3	0.36	0.006
1271	23	J-1414	J-1415	32.6	PE 100	140	0.3	0.36	0.006
1272	23	J-1300	J-1416	32.6	PE 100	140	-0.3	0.36	0.006
1273	23	J-1417	J-1304	32.6	PE 100	140	0.3	0.36	0.006
1274	23	J-1418	J-1317	32.6	PE 100	140	0.3	0.36	0.006
1275	24	J-1419	J-1420	32.6	PE 100	140	0.3	0.36	0.006
1276	24	J-1421	J-1263	32.6	PE 100	140	0.3	0.36	0.006
1277	24	J-1422	J-1423	32.6	PE 100	140	0.3	0.36	0.006
1278	24	J-1233	J-1424	32.6	PE 100	140	0.3	0.36	0.006
1279	24	J-1425	J-1146	32.6	PE 100	140	0.3	0.36	0.006
1280	24	J-36	J-1426	32.6	PE 100	140	0.3	0.36	0.006
1281	24	J-1143	J-1427	32.6	PE 100	140	0.3	0.36	0.006
1282	24	J-1172	J-1428	32.6	PE 100	140	0.3	0.36	0.006
1283	25	J-1429	J-1328	32.6	PE 100	140	-0.3	0.36	0.006
1284	25	J-643	J-1430	32.6	PE 100	140	0.3	0.36	0.006
1285	25	J-1431	J-1432	32.6	PE 100	140	0.3	0.36	0.006
1286	25	J-974	J-1344	32.6	PE 100	140	0.3	0.36	0.006
1287	25	J-1405	J-1213	32.6	PE 100	140	0.3	0.36	0.006
1288	25	J-1433	J-1434	32.6	PE 100	140	0.3	0.36	0.006
1289	25	J-1409	J-1435	32.6	PE 100	140	0.3	0.36	0.006
1290	25	J-1351	J-1418	32.6	PE 100	140	0.3	0.36	0.006
1291	25	J-1436	J-1262	32.6	PE 100	140	0.3	0.36	0.006
1292	25	J-1289	J-1437	32.6	PE 100	140	0.3	0.36	0.006
1293	26	J-1336	J-1433	32.6	PE 100	140	0.3	0.36	0.006
1294	26	J-1303	J-1297	32.6	PE 100	140	0.3	0.36	0.006
1295	26	J-1246	J-1438	32.6	PE 100	140	0.3	0.36	0.006
1296	26	J-1402	J-1439	32.6	PE 100	140	0.3	0.36	0.006
1297	26	J-1440	J-1441	32.6	PE 100	140	0.3	0.36	0.006
1298	26	J-1408	J-1401	32.6	PE 100	140	0.3	0.36	0.006
1299	26	J-1442	J-1443	32.6	PE 100	140	0.3	0.36	0.006
1300	26	J-1444	J-1342	32.6	PE 100	140	0.3	0.36	0.006

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1301	26	J-1445	J-1256	32.6	PE 100	140	0.3	0.36	0.006
1302	27	J-1358	J-1446	32.6	PE 100	140	0.3	0.36	0.006
1303	27	J-1416	J-1447	32.6	PE 100	140	-0.3	0.36	0.006
1304	27	J-1338	J-1448	32.6	PE 100	140	0.3	0.36	0.006
1305	27	J-1449	J-1445	32.6	PE 100	140	0.3	0.36	0.006
1306	27	J-1301	J-1450	32.6	PE 100	140	0.3	0.36	0.006
1307	27	J-1451	J-1452	32.6	PE 100	140	-0.3	0.36	0.006
1308	27	J-1453	J-1454	32.6	PE 100	140	0	0	0
1309	27	J-1455	J-1456	32.6	PE 100	140	0.3	0.36	0.006
1310	27	J-1413	J-1457	32.6	PE 100	140	0.3	0.36	0.006
1311	27	J-1458	J-1459	32.6	PE 100	140	0.3	0.36	0.006
1312	27	J-1430	J-1460	32.6	PE 100	140	0.3	0.36	0.006
1313	27	J-1461	J-1462	32.6	PE 100	140	0.3	0.36	0.006
1314	27	J-1463	J-1396	32.6	PE 100	140	-0.3	0.36	0.006
1315	27	J-1447	J-1464	32.6	PE 100	140	-0.3	0.36	0.006
1316	28	J-1341	J-1165	32.6	PE 100	140	0.3	0.36	0.006
1317	28	J-1267	J-1412	32.6	PE 100	140	0.3	0.36	0.006
1318	28	J-1164	J-1465	32.6	PE 100	140	0.3	0.36	0.006
1319	28	J-1466	J-1467	32.6	PE 100	140	-0.3	0.36	0.006
1320	28	J-1468	J-1375	32.6	PE 100	140	0.3	0.36	0.006
1321	28	J-1216	J-1469	32.6	PE 100	140	0.3	0.36	0.006
1322	28	J-1437	J-1470	32.6	PE 100	140	0.3	0.36	0.006
1323	28	J-1471	J-1472	32.6	PE 100	140	0.3	0.36	0.006
1324	28	J-1259	J-1473	32.6	PE 100	140	0.3	0.36	0.006
1325	29	J-1474	J-1475	32.6	PE 100	140	0.3	0.36	0.006
1326	29	J-1291	J-1324	32.6	PE 100	140	0	0	0
1327	29	J-1476	J-1477	32.6	PE 100	140	0.3	0.36	0.006
1328	29	J-1478	J-1479	32.6	PE 100	140	0.3	0.36	0.006
1329	29	J-1285	J-1480	32.6	PE 100	140	0.3	0.36	0.006
1330	29	J-1107	J-1290	32.6	PE 100	140	0	0	0
1331	29	J-1481	J-1310	32.6	PE 100	140	0.3	0.36	0.006
1332	29	J-1450	J-1482	32.6	PE 100	140	0.3	0.36	0.006
1333	29	J-1483	J-1484	32.6	PE 100	140	0.3	0.36	0.006
1334	29	J-1121	J-1394	32.6	PE 100	140	0.3	0.36	0.006
1335	29	J-1485	J-1372	32.6	PE 100	140	0.3	0.36	0.006
1336	29	J-246	J-1486	32.6	PE 100	140	0	0	0
1337	29	J-1487	J-1388	32.6	PE 100	140	0.3	0.36	0.006
1338	30	J-1488	J-1302	32.6	PE 100	140	0.3	0.36	0.006
1339	30	J-1222	J-1489	32.6	PE 100	140	0.3	0.36	0.006
1340	30	J-1490	J-1491	32.6	PE 100	140	0.3	0.36	0.006
1341	30	J-1390	J-1492	32.6	PE 100	140	0.3	0.36	0.006
1342	31	J-1400	J-1493	32.6	PE 100	140	0.3	0.36	0.006
1343	31	J-1492	J-1494	32.6	PE 100	140	0.3	0.36	0.006
1344	31	J-1207	J-1495	32.6	PE 100	140	0.3	0.36	0.006
1345	31	J-1496	J-1273	32.6	PE 100	140	0.3	0.36	0.006
1346	31	J-713	J-1497	32.6	PE 100	140	0.3	0.36	0.006
1347	32	J-1498	J-1499	32.6	PE 100	140	0.3	0.36	0.006
1348	32	J-1500	J-1501	32.6	PE 100	140	0.3	0.36	0.006
1349	32	J-1495	J-1502	32.6	PE 100	140	0.3	0.36	0.006
1350	32	J-1503	J-1504	32.6	PE 100	140	0.3	0.36	0.006
1351	32	J-1428	J-1385	32.6	PE 100	140	0.3	0.36	0.006
1352	32	J-1363	J-1463	32.6	PE 100	140	-0.3	0.36	0.006
1353	32	J-1264	J-1346	32.6	PE 100	140	0.3	0.36	0.006
1354	32	J-1505	J-1506	32.6	PE 100	140	0.3	0.36	0.006
1355	32	J-1507	J-1327	32.6	PE 100	140	0.3	0.36	0.006
1356	33	J-1501	J-1508	32.6	PE 100	140	0.3	0.36	0.006
1357	33	J-1479	J-1455	32.6	PE 100	140	0.3	0.36	0.006
1358	33	J-1224	J-1360	32.6	PE 100	140	0.3	0.36	0.006
1359	33	J-1509	J-1510	32.6	PE 100	140	0.3	0.36	0.006
1360	33	J-1511	J-1429	32.6	PE 100	140	-0.3	0.36	0.006
1361	34	J-1512	J-1113	32.6	PE 100	140	0.3	0.36	0.006
1362	34	J-1205	J-1440	32.6	PE 100	140	0.3	0.36	0.006
1363	34	J-1497	J-1474	32.6	PE 100	140	0.3	0.36	0.006
1364	34	J-1513	J-1487	32.6	PE 100	140	0.3	0.36	0.006
1365	34	J-1514	J-1515	32.6	PE 100	140	0.3	0.36	0.006

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1366	34	J-1229	J-1471	32.6	PE 100	140	0.3	0.36	0.006
1367	34	J-595	J-1512	32.6	PE 100	140	0.3	0.36	0.006
1368	34	J-1516	J-1517	32.6	PE 100	140	0.3	0.36	0.006
1369	34	J-698	J-1518	32.6	PE 100	140	0.3	0.36	0.006
1370	34	J-1399	J-1180	32.6	PE 100	140	0.3	0.36	0.006
1371	35	J-1504	J-1519	32.6	PE 100	140	0.3	0.36	0.006
1372	35	J-1515	J-1520	32.6	PE 100	140	0.3	0.36	0.006
1373	35	J-1288	J-1521	32.6	PE 100	140	0.3	0.36	0.006
1374	35	J-1426	J-1431	32.6	PE 100	140	0.3	0.36	0.006
1375	35	J-1499	J-1522	32.6	PE 100	140	0.3	0.36	0.006
1376	35	J-1142	J-1444	32.6	PE 100	140	0.3	0.36	0.006
1377	36	J-1438	J-1523	32.6	PE 100	140	0.3	0.36	0.006
1378	36	J-1331	J-1322	32.6	PE 100	140	-0.3	0.36	0.006
1379	36	J-1521	J-1524	32.6	PE 100	140	0.3	0.36	0.006
1380	36	J-1361	J-1525	32.6	PE 100	140	0.3	0.36	0.006
1381	36	J-1526	J-1451	32.6	PE 100	140	-0.3	0.36	0.006
1382	36	J-1467	J-1377	32.6	PE 100	140	-0.3	0.36	0.006
1383	36	J-1527	J-1481	32.6	PE 100	140	0.3	0.36	0.006
1384	37	J-1469	J-1513	32.6	PE 100	140	0.3	0.36	0.006
1385	37	J-1528	J-1529	32.6	PE 100	140	0.3	0.36	0.006
1386	37	J-1530	J-1490	32.6	PE 100	140	0.3	0.36	0.006
1387	38	J-1531	J-1532	32.6	PE 100	140	0.3	0.36	0.006
1388	38	J-1533	J-1534	32.6	PE 100	140	0.3	0.36	0.006
1389	38	J-1535	J-1320	32.6	PE 100	140	0.3	0.36	0.006
1390	38	J-1277	J-1383	32.6	PE 100	140	0.3	0.36	0.006
1391	39	J-1280	J-1530	32.6	PE 100	140	0.3	0.36	0.006
1392	39	J-376	J-1536	32.6	PE 100	140	0.3	0.36	0.006
1393	39	J-1537	J-1538	32.6	PE 100	140	-0.3	0.36	0.006
1394	39	J-1410	J-1539	32.6	PE 100	140	0.3	0.36	0.006
1395	39	J-1443	J-1540	32.6	PE 100	140	0.3	0.36	0.006
1396	39	J-1427	J-1541	32.6	PE 100	140	0.3	0.36	0.006
1397	39	J-1542	J-1543	32.6	PE 100	140	0.3	0.36	0.006
1398	40	J-1234	J-1544	32.6	PE 100	140	0.3	0.36	0.006
1399	40	J-1524	J-1468	32.6	PE 100	140	0.3	0.36	0.006
1400	40	J-1486	J-1545	32.6	PE 100	140	0	0	0
1401	40	J-1534	J-1527	32.6	PE 100	140	0.3	0.36	0.006
1402	40	J-1379	J-1258	32.6	PE 100	140	0.3	0.36	0.006
1403	41	J-1153	J-1485	32.6	PE 100	140	0.3	0.36	0.006
1404	41	J-1475	J-1546	32.6	PE 100	140	0.3	0.36	0.006
1405	41	J-1464	J-1226	32.6	PE 100	140	-0.3	0.36	0.006
1406	41	J-1186	J-1533	32.6	PE 100	140	0.3	0.36	0.006
1407	41	J-1547	J-1526	32.6	PE 100	140	-0.3	0.36	0.006
1408	41	J-564	J-1364	32.6	PE 100	140	0.3	0.36	0.006
1409	42	J-1159	J-1312	32.6	PE 100	140	0.3	0.36	0.006
1410	42	J-1219	J-1542	32.6	PE 100	140	0.3	0.36	0.006
1411	42	J-1548	J-1422	32.6	PE 100	140	0.3	0.36	0.006
1412	43	J-1462	J-1509	32.6	PE 100	140	0.3	0.36	0.006
1413	43	J-1549	J-1516	32.6	PE 100	140	0.3	0.36	0.006
1414	43	J-1465	J-1550	32.6	PE 100	140	0.3	0.36	0.006
1415	43	J-1376	J-1551	32.6	PE 100	140	0.3	0.36	0.006
1416	43	J-1552	J-1498	32.6	PE 100	140	0.3	0.36	0.006
1417	44	J-1114	J-1553	32.6	PE 100	140	0.3	0.36	0.006
1418	44	J-1265	J-1406	32.6	PE 100	140	0.3	0.36	0.006
1419	44	J-1525	J-1554	32.6	PE 100	140	0.3	0.36	0.006
1420	44	J-1539	J-1555	32.6	PE 100	140	0.3	0.36	0.006
1421	44	J-560	J-1535	32.6	PE 100	140	0.3	0.36	0.006
1422	44	J-1556	J-1557	32.6	PE 100	140	0.3	0.36	0.006
1423	45	J-1193	J-1333	32.6	PE 100	140	0.3	0.36	0.006
1424	45	J-1382	J-1414	32.6	PE 100	140	0.3	0.36	0.006
1425	47	J-1550	J-1558	32.6	PE 100	140	0.3	0.36	0.006
1426	47	J-1228	J-1483	32.6	PE 100	140	0.3	0.36	0.006
1427	47	J-1506	J-1421	32.6	PE 100	140	0.3	0.36	0.006
1428	48	J-1371	J-1397	32.6	PE 100	140	0.3	0.36	0.006
1429	48	J-1316	J-1559	32.6	PE 100	140	0.3	0.36	0.006
1430	49	J-1544	J-1560	32.6	PE 100	140	0.3	0.36	0.006

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1431	50	J-1551	J-1549	32.6	PE 100	140	0.3	0.36	0.006
1432	51	J-1545	J-1453	32.6	PE 100	140	0	0	0
1433	52	J-1561	J-1514	32.6	PE 100	140	0.3	0.36	0.006
1434	52	J-1292	J-1562	32.6	PE 100	140	0	0	0
1435	53	J-1563	J-1556	32.6	PE 100	140	0.3	0.36	0.006
1436	55	J-1564	J-1565	32.6	PE 100	140	0.3	0.36	0.006
1437	57	J-1554	J-1566	32.6	PE 100	140	0.3	0.36	0.006
1438	58	J-1558	J-1564	32.6	PE 100	140	0.3	0.36	0.006
1439	58	J-1567	J-564	32.6	PE 100	140	-0.3	0.36	0.006
1440	58	J-1210	J-1278	32.6	PE 100	140	0.3	0.36	0.006
1441	59	J-1404	J-1568	32.6	PE 100	140	0.3	0.36	0.006
1442	60	J-1140	J-1569	32.6	PE 100	140	0.3	0.36	0.006
1443	60	J-1147	J-1570	32.6	PE 100	140	0.3	0.36	0.006
1444	60	J-1323	J-1571	32.6	PE 100	140	-0.3	0.36	0.006
1445	61	J-1502	J-1572	32.6	PE 100	140	0.3	0.36	0.006
1446	61	J-1566	J-1476	32.6	PE 100	140	0.3	0.36	0.006
1447	61	J-1543	J-1419	32.6	PE 100	140	0.3	0.36	0.006
1448	61	J-1368	J-1374	32.6	PE 100	140	0.3	0.36	0.006
1449	63	J-1529	J-1561	32.6	PE 100	140	0.3	0.36	0.006
1450	63	J-1523	J-1573	32.6	PE 100	140	0.3	0.36	0.006
1451	64	J-1536	J-1314	32.6	PE 100	140	0.3	0.36	0.006
1452	66	J-1420	J-1531	32.6	PE 100	140	0.3	0.36	0.006
1453	70	J-1459	J-1574	32.6	PE 100	140	0.3	0.36	0.006
1454	79	J-1569	J-1425	32.6	PE 100	140	0.3	0.36	0.006
1455	1	J-1575	J-1075	40.8	PE 100	140	0.6	0.46	0.007
1456	2	J-1576	J-1044	40.8	PE 100	140	1.2	0.92	0.026
1457	2	J-1109	J-1577	40.8	PE 100	140	0.6	0.46	0.007
1458	2	J-1578	J-1579	40.8	PE 100	140	0.6	0.46	0.007
1459	3	J-1065	J-1102	40.8	PE 100	140	0.9	0.69	0.015
1460	3	J-1580	J-1581	40.8	PE 100	140	0.6	0.46	0.007
1461	3	J-1582	J-1583	40.8	PE 100	140	0.6	0.46	0.007
1462	3	J-1584	J-1585	40.8	PE 100	140	0.6	0.46	0.007
1463	3	J-1586	J-1034	40.8	PE 100	140	0.9	0.69	0.015
1464	3	J-1034	J-1587	40.8	PE 100	140	0.9	0.69	0.015
1465	3	J-1583	J-1588	40.8	PE 100	140	0.6	0.46	0.007
1466	4	J-1589	J-1578	40.8	PE 100	140	0.6	0.46	0.007
1467	4	J-370	J-1030	40.8	PE 100	140	1.2	0.92	0.026
1468	4	J-373	J-1590	40.8	PE 100	140	0.6	0.46	0.007
1469	4	J-1591	J-1584	40.8	PE 100	140	0.6	0.46	0.007
1470	4	J-1592	J-903	40.8	PE 100	140	-0.6	0.46	0.007
1471	4	J-1587	J-1054	40.8	PE 100	140	0.9	0.69	0.015
1472	5	J-1593	J-1594	40.8	PE 100	140	-0.6	0.46	0.007
1473	5	J-1072	J-1595	40.8	PE 100	140	0.6	0.46	0.007
1474	5	J-1596	J-1597	40.8	PE 100	140	0.6	0.46	0.007
1475	5	J-1588	J-1598	40.8	PE 100	140	0.6	0.46	0.007
1476	5	J-1579	J-1599	40.8	PE 100	140	0.6	0.46	0.007
1477	5	J-1585	J-1600	40.8	PE 100	140	0.6	0.46	0.007
1478	5	J-1059	J-1004	40.8	PE 100	140	0.9	0.69	0.015
1479	5	J-1030	J-1601	40.8	PE 100	140	0.9	0.69	0.015
1480	6	J-1602	J-1580	40.8	PE 100	140	0.6	0.46	0.007
1481	6	J-1603	J-1496	40.8	PE 100	140	0.6	0.46	0.007
1482	6	J-1604	J-1605	40.8	PE 100	140	0.6	0.46	0.007
1483	6	J-1606	J-1607	40.8	PE 100	140	0.6	0.46	0.007
1484	6	J-1598	J-1608	40.8	PE 100	140	0.6	0.46	0.007
1485	6	J-1609	J-1063	40.8	PE 100	140	0.6	0.46	0.007
1486	6	J-1610	J-1107	40.8	PE 100	140	0	0	0
1487	7	J-1608	J-1591	40.8	PE 100	140	0.6	0.46	0.007
1488	7	J-1082	J-1586	40.8	PE 100	140	0.9	0.69	0.015
1489	7	J-1611	J-1284	40.8	PE 100	140	0.6	0.46	0.007
1490	7	J-1612	J-1059	40.8	PE 100	140	1.2	0.92	0.026
1491	7	J-1032	J-1082	40.8	PE 100	140	1.2	0.92	0.026
1492	7	J-1613	J-1614	40.8	PE 100	140	0.6	0.46	0.007
1493	7	J-271	J-1615	40.8	PE 100	140	0.6	0.46	0.007
1494	7	J-1616	J-1617	40.8	PE 100	140	0.6	0.46	0.007
1495	7	J-1618	J-1528	40.8	PE 100	140	0.6	0.46	0.007

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1496	7	J-1619	J-1461	40.8	PE 100	140	0.6	0.46	0.007
1497	8	J-336	J-1620	40.8	PE 100	140	0.3	0.23	0.002
1498	8	J-1621	J-389	40.8	PE 100	140	-0.6	0.46	0.007
1499	8	J-388	J-1622	40.8	PE 100	140	0.3	0.23	0.002
1500	8	J-1329	J-1623	40.8	PE 100	140	-0.6	0.46	0.007
1501	8	J-97	J-1169	40.8	PE 100	140	0.6	0.46	0.007
1502	8	J-1624	J-1582	40.8	PE 100	140	0.6	0.46	0.007
1503	9	J-396	J-1625	40.8	PE 100	140	0.9	0.69	0.015
1504	9	J-1626	J-1026	40.8	PE 100	140	0.6	0.46	0.007
1505	9	J-171	J-1627	40.8	PE 100	140	0.6	0.46	0.007
1506	9	J-1628	J-1610	40.8	PE 100	140	0	0	0
1507	9	J-1594	J-1621	40.8	PE 100	140	-0.6	0.46	0.007
1508	9	J-1597	J-1629	40.8	PE 100	140	0.6	0.46	0.007
1509	9	J-1630	J-1020	40.8	PE 100	140	0.6	0.46	0.007
1510	10	J-1012	J-1631	40.8	PE 100	140	0.6	0.46	0.007
1511	10	J-1378	J-1632	40.8	PE 100	140	-0.6	0.46	0.007
1512	10	J-1615	J-1633	40.8	PE 100	140	0.6	0.46	0.007
1513	10	J-1634	J-1635	40.8	PE 100	140	0.6	0.46	0.007
1514	10	J-1636	J-366	40.8	PE 100	140	-0.6	0.46	0.007
1515	10	J-31	J-1637	40.8	PE 100	140	0.6	0.46	0.007
1516	10	J-1638	J-1032	40.8	PE 100	140	1.2	0.92	0.026
1517	10	J-1039	J-1016	40.8	PE 100	140	1.2	0.92	0.026
1518	11	J-1639	J-1051	40.8	PE 100	140	1.5	1.15	0.039
1519	11	J-1051	J-1612	40.8	PE 100	140	1.2	0.92	0.026
1520	11	J-1577	J-1640	40.8	PE 100	140	0.6	0.46	0.007
1521	11	J-1641	J-1065	40.8	PE 100	140	1.2	0.92	0.026
1522	11	J-1642	J-1589	40.8	PE 100	140	0.6	0.46	0.007
1523	11	J-1599	J-1643	40.8	PE 100	140	0.6	0.46	0.007
1524	12	J-1605	J-1619	40.8	PE 100	140	0.6	0.46	0.007
1525	12	J-1590	J-1644	40.8	PE 100	140	0.6	0.46	0.007
1526	12	J-429	J-1645	40.8	PE 100	140	0.6	0.46	0.007
1527	12	J-1600	J-1646	40.8	PE 100	140	0.6	0.46	0.007
1528	12	J-1601	J-1076	40.8	PE 100	140	0.9	0.69	0.015
1529	12	J-1617	J-1634	40.8	PE 100	140	0.6	0.46	0.007
1530	12	J-1647	J-1616	40.8	PE 100	140	0.6	0.46	0.007
1531	12	J-1648	J-1008	40.8	PE 100	140	0.6	0.46	0.007
1532	12	J-1649	J-1602	40.8	PE 100	140	0.6	0.46	0.007
1533	12	J-1004	J-1010	40.8	PE 100	140	0.6	0.46	0.007
1534	12	J-1650	J-1651	40.8	PE 100	140	0.6	0.46	0.007
1535	13	J-1652	J-1287	40.8	PE 100	140	0.6	0.46	0.007
1536	13	J-1614	J-1649	40.8	PE 100	140	0.6	0.46	0.007
1537	13	J-1653	J-1417	40.8	PE 100	140	0.6	0.46	0.007
1538	14	J-12	J-1603	40.8	PE 100	140	0.6	0.46	0.007
1539	14	J-976	J-1654	40.8	PE 100	140	0.6	0.46	0.007
1540	15	J-1655	J-1049	40.8	PE 100	140	1.8	1.38	0.055
1541	15	J-1656	J-1458	40.8	PE 100	140	0.6	0.46	0.007
1542	15	J-1054	J-1626	40.8	PE 100	140	0.6	0.46	0.007
1543	15	J-934	J-1657	40.8	PE 100	140	0.6	0.46	0.007
1544	15	J-1658	J-1659	40.8	PE 100	140	0	0	0
1545	15	J-1660	J-1661	40.8	PE 100	140	0.9	0.69	0.015
1546	15	J-1662	J-1650	40.8	PE 100	140	0.6	0.46	0.007
1547	15	J-1663	J-1592	40.8	PE 100	140	-0.6	0.46	0.007
1548	16	J-1016	J-1012	40.8	PE 100	140	0.9	0.69	0.015
1549	16	J-1664	J-1141	40.8	PE 100	140	0.6	0.46	0.007
1550	16	J-594	J-1072	40.8	PE 100	140	0.9	0.69	0.015
1551	16	J-1076	J-1061	40.8	PE 100	140	0.6	0.46	0.007
1552	16	J-397	J-1613	40.8	PE 100	140	0.6	0.46	0.007
1553	17	J-451	J-1665	40.8	PE 100	140	0.6	0.46	0.007
1554	17	J-1581	J-1666	40.8	PE 100	140	0.6	0.46	0.007
1555	17	J-453	J-1667	40.8	PE 100	140	0.6	0.46	0.007
1556	17	J-1644	J-1648	40.8	PE 100	140	0.6	0.46	0.007
1557	17	J-1668	J-1669	40.8	PE 100	140	0.6	0.46	0.007
1558	17	J-1049	J-1641	40.8	PE 100	140	1.2	0.92	0.026
1559	18	J-1595	J-1575	40.8	PE 100	140	0.6	0.46	0.007
1560	18	J-1670	J-1604	40.8	PE 100	140	0.6	0.46	0.007

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1561	18	J-1669	J-1671	40.8	PE 100	140	0.6	0.46	0.007
1562	19	J-1672	J-1018	40.8	PE 100	140	0.6	0.46	0.007
1563	19	J-1673	J-1606	40.8	PE 100	140	0.9	0.69	0.015
1564	19	J-1674	J-1403	40.8	PE 100	140	0.6	0.46	0.007
1565	19	J-1675	J-1676	40.8	PE 100	140	-0.6	0.46	0.007
1566	19	J-1651	J-1452	40.8	PE 100	140	0.6	0.46	0.007
1567	19	J-1112	J-1668	40.8	PE 100	140	0.6	0.46	0.007
1568	19	J-1623	J-1663	40.8	PE 100	140	-0.6	0.46	0.007
1569	19	J-1632	J-1593	40.8	PE 100	140	-0.6	0.46	0.007
1570	19	J-1645	J-1677	40.8	PE 100	140	0.6	0.46	0.007
1571	20	J-789	J-1653	40.8	PE 100	140	0.6	0.46	0.007
1572	20	J-1678	J-1505	40.8	PE 100	140	0.6	0.46	0.007
1573	20	J-195	J-1679	40.8	PE 100	140	0.6	0.46	0.007
1574	21	J-415	J-1680	40.8	PE 100	140	0.6	0.46	0.007
1575	21	J-1666	J-1611	40.8	PE 100	140	0.6	0.46	0.007
1576	21	J-1679	J-1681	40.8	PE 100	140	0.6	0.46	0.007
1577	21	J-1629	J-1682	40.8	PE 100	140	0.6	0.46	0.007
1578	21	J-526	J-1683	40.8	PE 100	140	0.6	0.46	0.007
1579	21	J-1684	J-1685	40.8	PE 100	140	0.9	0.69	0.015
1580	22	J-1677	J-1266	40.8	PE 100	140	0.6	0.46	0.007
1581	22	J-1686	J-1185	40.8	PE 100	140	0.6	0.46	0.007
1582	22	J-1102	J-1609	40.8	PE 100	140	0.6	0.46	0.007
1583	22	J-1631	J-1687	40.8	PE 100	140	0.6	0.46	0.007
1584	23	J-1688	J-1449	40.8	PE 100	140	0.6	0.46	0.007
1585	23	J-224	J-1684	40.8	PE 100	140	0.9	0.69	0.015
1586	23	J-1689	J-434	40.8	PE 100	140	-0.6	0.46	0.007
1587	23	J-433	J-1647	40.8	PE 100	140	0.6	0.46	0.007
1588	24	J-1625	J-1660	40.8	PE 100	140	0.9	0.69	0.015
1589	24	J-421	J-1690	40.8	PE 100	140	0	0	0
1590	24	J-1676	J-1636	40.8	PE 100	140	-0.6	0.46	0.007
1591	24	J-1671	J-1664	40.8	PE 100	140	0.6	0.46	0.007
1592	25	J-1680	J-1691	40.8	PE 100	140	0.6	0.46	0.007
1593	25	J-1692	J-1693	40.8	PE 100	140	-0.6	0.46	0.007
1594	25	J-1694	J-1488	40.8	PE 100	140	0.6	0.46	0.007
1595	26	J-1682	J-1285	40.8	PE 100	140	0.6	0.46	0.007
1596	26	J-1209	J-1692	40.8	PE 100	140	-0.6	0.46	0.007
1597	27	J-1687	J-1672	40.8	PE 100	140	0.6	0.46	0.007
1598	27	J-1695	J-1674	40.8	PE 100	140	0.6	0.46	0.007
1599	27	J-1654	J-1686	40.8	PE 100	140	0.6	0.46	0.007
1600	28	J-348	J-1228	40.8	PE 100	140	0.6	0.46	0.007
1601	28	J-1627	J-1696	40.8	PE 100	140	0.6	0.46	0.007
1602	28	J-1665	J-1697	40.8	PE 100	140	0.6	0.46	0.007
1603	29	J-594	J-1655	40.8	PE 100	140	1.8	1.38	0.055
1604	31	J-355	J-1339	40.8	PE 100	140	0.6	0.46	0.007
1605	31	J-1693	J-1675	40.8	PE 100	140	-0.6	0.46	0.007
1606	31	J-1635	J-1698	40.8	PE 100	140	0.6	0.46	0.007
1607	32	J-1571	J-1699	40.8	PE 100	140	-0.6	0.46	0.007
1608	33	J-1697	J-1700	40.8	PE 100	140	0.6	0.46	0.007
1609	33	J-1661	J-1673	40.8	PE 100	140	0.9	0.69	0.015
1610	33	J-1690	J-1701	40.8	PE 100	140	0	0	0
1611	33	J-1681	J-1678	40.8	PE 100	140	0.6	0.46	0.007
1612	33	J-1702	J-1652	40.8	PE 100	140	0.6	0.46	0.007
1613	34	J-1703	J-1548	40.8	PE 100	140	0.6	0.46	0.007
1614	34	J-1685	J-1670	40.8	PE 100	140	0.6	0.46	0.007
1615	34	J-1701	J-1628	40.8	PE 100	140	0	0	0
1616	34	J-1704	J-1563	40.8	PE 100	140	0.6	0.46	0.007
1617	36	J-1640	J-1624	40.8	PE 100	140	0.6	0.46	0.007
1618	36	J-1700	J-1702	40.8	PE 100	140	0.6	0.46	0.007
1619	37	J-1633	J-1705	40.8	PE 100	140	0.6	0.46	0.007
1620	37	J-1691	J-1688	40.8	PE 100	140	0.6	0.46	0.007
1621	38	J-1706	J-1478	40.8	PE 100	140	0.6	0.46	0.007
1622	38	J-1643	J-1381	40.8	PE 100	140	0.6	0.46	0.007
1623	38	J-1698	J-1704	40.8	PE 100	140	0.6	0.46	0.007
1624	39	J-1683	J-1706	40.8	PE 100	140	0.6	0.46	0.007
1625	39	J-1607	J-1703	40.8	PE 100	140	0.6	0.46	0.007

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1626	40	J-1707	J-1500	40.8	PE 100	140	0.6	0.46	0.007
1627	40	J-940	J-1695	40.8	PE 100	140	0.6	0.46	0.007
1628	40	J-1696	J-1656	40.8	PE 100	140	0.6	0.46	0.007
1629	42	J-1667	J-1139	40.8	PE 100	140	0.6	0.46	0.007
1630	42	J-1637	J-1642	40.8	PE 100	140	0.6	0.46	0.007
1631	44	J-1708	J-1709	40.8	PE 100	140	0.6	0.46	0.007
1632	47	J-340	J-1708	40.8	PE 100	140	0.6	0.46	0.007
1633	49	J-1705	J-1710	40.8	PE 100	140	0.6	0.46	0.007
1634	54	J-1709	J-1711	40.8	PE 100	140	0.6	0.46	0.007
1635	54	J-1710	J-1618	40.8	PE 100	140	0.6	0.46	0.007
1636	55	J-1711	J-1172	40.8	PE 100	140	0.6	0.46	0.007
1637	56	J-1657	J-1507	40.8	PE 100	140	0.6	0.46	0.007
1638	57	J-553	J-1712	40.8	PE 100	140	0.6	0.46	0.007
1639	63	J-1646	J-1694	40.8	PE 100	140	0.6	0.46	0.007
1640	75	J-1699	J-1689	40.8	PE 100	140	-0.6	0.46	0.007
1641	79	J-1712	J-1662	40.8	PE 100	140	0.6	0.46	0.007
1642	1	J-1713	J-1714	221.2	PE 100	140	78.3	2.04	0.016
1643	1	J-1715	J-1716	221.2	PE 100	140	72.11	1.88	0.013
1644	1	J-1717	J-1718	221.2	PE 100	140	72.11	1.88	0.013
1645	2	J-1719	J-1715	221.2	PE 100	140	72.11	1.88	0.013
1646	2	J-1720	J-1721	221.2	PE 100	140	72.11	1.88	0.013
1647	2	J-1722	J-1719	221.2	PE 100	140	72.11	1.88	0.013
1648	3	J-1721	J-1723	221.2	PE 100	140	72.11	1.88	0.013
1649	3	J-1724	J-1725	221.2	PE 100	140	72.11	1.88	0.013
1650	4	J-1716	J-1717	221.2	PE 100	140	72.11	1.88	0.013
1651	4	J-1726	J-577	221.2	PE 100	140	78.3	2.04	0.016
1652	4	J-1727	J-1728	221.2	PE 100	140	72.11	1.88	0.013
1653	4	J-1729	J-1713	221.2	PE 100	140	78.3	2.04	0.016
1654	5	J-1730	J-1731	221.2	PE 100	140	63	1.64	0.011
1655	5	J-1728	J-1724	221.2	PE 100	140	72.11	1.88	0.013
1656	6	J-1733	J-1734	221.2	PE 100	140	53.77	1.4	0.008
1657	6	J-1735	J-1730	221.2	PE 100	140	63	1.64	0.011
1658	6	J-577	J-1727	221.2	PE 100	140	72.11	1.88	0.013
1659	6	J-1731	J-1732	221.2	PE 100	140	63	1.64	0.011
1660	7	J-1737	J-1738	221.2	PE 100	140	78.3	2.04	0.016
1661	7	J-1734	J-1739	221.2	PE 100	140	53.77	1.4	0.008
1662	8	J-1740	J-1741	221.2	PE 100	140	78.3	2.04	0.016
1663	9	J-1742	J-1743	221.2	PE 100	140	63	1.64	0.011
1664	9	J-1744	J-1735	221.2	PE 100	140	63	1.64	0.011
1665	9	J-1714	J-1745	221.2	PE 100	140	78.3	2.04	0.016
1666	11	J-1746	J-1740	221.2	PE 100	140	78.3	2.04	0.016
1667	12	J-1747	J-1744	221.2	PE 100	140	63	1.64	0.011
1668	12	R-1	J-1729	221.2	PE 100	140	78.3	2.04	0.016
1669	13	J-1718	J-1749	221.2	PE 100	140	72.11	1.88	0.013
1670	13	J-1750	J-1751	221.2	PE 100	140	78.3	2.04	0.016
1671	14	J-1743	J-1752	221.2	PE 100	140	63	1.64	0.011
1672	16	J-1753	J-1754	221.2	PE 100	140	54.9	1.43	0.008
1673	17	J-1755	J-1722	221.2	PE 100	140	72.11	1.88	0.013
1674	17	J-1756	J-1742	221.2	PE 100	140	63	1.64	0.011
1675	18	J-1757	J-1758	221.2	PE 100	140	53.77	1.4	0.008
1676	18	J-1759	J-1753	221.2	PE 100	140	54.9	1.43	0.008
1677	19	J-1738	J-1760	221.2	PE 100	140	78.3	2.04	0.016
1678	19	J-1761	J-1762	221.2	PE 100	140	63	1.64	0.011
1679	19	J-1745	J-1763	221.2	PE 100	140	78.3	2.04	0.016
1680	20	J-1764	J-1750	221.2	PE 100	140	78.3	2.04	0.016
1681	23	J-1765	J-1766	221.2	PE 100	140	63	1.64	0.011
1682	23	J-1767	J-1768	221.2	PE 100	140	63	1.64	0.011
1683	25	J-1758	J-1769	221.2	PE 100	140	53.77	1.4	0.008
1684	25	J-1749	J-1720	221.2	PE 100	140	72.11	1.88	0.013
1685	26	J-1736	J-1765	221.2	PE 100	140	63	1.64	0.011
1686	26	J-1766	J-1767	221.2	PE 100	140	63	1.64	0.011
1687	27	J-1725	J-1755	221.2	PE 100	140	72.11	1.88	0.013
1688	27	J-1762	J-1747	221.2	PE 100	140	63	1.64	0.011
1689	29	J-1752	J-1770	221.2	PE 100	140	63	1.64	0.011
1690	30	J-1741	J-1771	221.2	PE 100	140	78.3	2.04	0.016

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1691	33	J-1768	J-1756	221.2	PE 100	140	63	1.64	0.011
1692	34	J-1774	J-1775	221.2	PE 100	140	53.77	1.4	0.008
1693	38	J-1776	J-1777	221.2	PE 100	140	53.77	1.4	0.008
1694	40	J-1763	J-1746	221.2	PE 100	140	78.3	2.04	0.016
1695	41	J-1770	J-1761	221.2	PE 100	140	63	1.64	0.011
1696	41	J-1769	J-1778	221.2	PE 100	140	53.77	1.4	0.008
1697	44	J-1754	J-1772	221.2	PE 100	140	54.9	1.43	0.008
1698	48	J-1779	J-1780	221.2	PE 100	140	53.77	1.4	0.008
1699	50	J-1781	J-1782	221.2	PE 100	140	78.3	2.04	0.016
1700	51	J-1783	J-1726	221.2	PE 100	140	78.3	2.04	0.016
1701	55	J-1780	J-1784	221.2	PE 100	140	53.77	1.4	0.008
1702	57	J-1784	J-1785	221.2	PE 100	140	53.77	1.4	0.008
1703	59	J-1778	J-1786	221.2	PE 100	140	53.77	1.4	0.008
1704	64	J-1787	J-1776	221.2	PE 100	140	53.77	1.4	0.008
1705	64	J-1760	J-1764	221.2	PE 100	140	78.3	2.04	0.016
1706	66	J-1777	J-1757	221.2	PE 100	140	53.77	1.4	0.008
1707	69	J-1739	J-1788	221.2	PE 100	140	53.77	1.4	0.008
1708	70	J-1771	J-1789	221.2	PE 100	140	78.3	2.04	0.016
1709	71	J-1785	J-1787	221.2	PE 100	140	53.77	1.4	0.008
1710	78	J-1789	J-1781	221.2	PE 100	140	78.3	2.04	0.016
1711	82	J-1788	J-1779	221.2	PE 100	140	53.77	1.4	0.008
1712	96	J-1786	J-1774	221.2	PE 100	140	53.77	1.4	0.008
1713	119	J-1751	J-1783	221.2	PE 100	140	78.3	2.04	0.016
1714	120	J-1790	J-1791	221.2	PE 100	140	43.45	1.13	0.005
1715	127	J-1782	J-1737	221.2	PE 100	140	78.3	2.04	0.016
1716	195	J-1773	J-1792	221.2	PE 100	140	43.45	1.13	0.005
1717	423	J-1792	J-1790	221.2	PE 100	140	43.45	1.13	0.005
1718	0	J-1793	J-1794	123.4	PE 100	140	-17.03	1.42	0.016
1719	0	J-1791	J-1795	123.4	PE 100	140	17.03	1.42	0.016
1720	0	J-1796	J-1795	123.4	PE 100	140	-17.03	1.42	0.016
1721	1	J-1797	J-1793	123.4	PE 100	140	-17.03	1.42	0.016
1722	2	J-1798	J-1797	123.4	PE 100	140	-17.03	1.42	0.016
1723	2	J-1799	J-1800	123.4	PE 100	140	-17.03	1.42	0.016
1724	2	J-1801	J-1802	123.4	PE 100	140	-17.03	1.42	0.016
1725	2	J-1803	J-1804	123.4	PE 100	140	-17.03	1.42	0.016
1726	3	J-1805	J-1806	123.4	PE 100	140	-17.03	1.42	0.016
1727	3	J-1807	J-1801	123.4	PE 100	140	-17.03	1.42	0.016
1728	3	J-1802	J-1808	123.4	PE 100	140	-17.03	1.42	0.016
1729	3	J-1809	J-1807	123.4	PE 100	140	-17.03	1.42	0.016
1730	3	J-1810	J-1799	123.4	PE 100	140	-17.03	1.42	0.016
1731	4	J-1811	J-1812	123.4	PE 100	140	-17.03	1.42	0.016
1732	4	J-1813	J-1814	123.4	PE 100	140	-17.03	1.42	0.016
1733	4	J-1815	J-1810	123.4	PE 100	140	-17.03	1.42	0.016
1734	4	J-1816	J-1817	123.4	PE 100	140	-17.03	1.42	0.016
1735	5	J-1800	J-1818	123.4	PE 100	140	-17.03	1.42	0.016
1736	5	J-1819	J-1811	123.4	PE 100	140	-17.03	1.42	0.016
1737	5	J-1820	J-1815	123.4	PE 100	140	-17.03	1.42	0.016
1738	6	J-1821	J-1809	123.4	PE 100	140	-17.03	1.42	0.016
1739	6	J-1804	J-1805	123.4	PE 100	140	-17.03	1.42	0.016
1740	6	J-1806	J-1798	123.4	PE 100	140	-17.03	1.42	0.016
1741	7	J-1822	J-1823	123.4	PE 100	140	-17.03	1.42	0.016
1742	7	J-1818	J-1819	123.4	PE 100	140	-17.03	1.42	0.016
1743	7	J-1824	J-1825	123.4	PE 100	140	-17.03	1.42	0.016
1744	7	J-1826	J-1820	123.4	PE 100	140	-17.03	1.42	0.016
1745	7	J-1827	J-1826	123.4	PE 100	140	-17.03	1.42	0.016
1746	7	J-1828	J-1829	123.4	PE 100	140	-17.03	1.42	0.016
1747	8	J-1830	J-1831	123.4	PE 100	140	-17.03	1.42	0.016
1748	8	J-1832	J-1833	123.4	PE 100	140	-17.03	1.42	0.016
1749	8	J-1834	J-1832	123.4	PE 100	140	-17.03	1.42	0.016
1750	8	J-1835	J-1827	123.4	PE 100	140	-17.03	1.42	0.016
1751	9	J-121	J-1836	123.4	PE 100	140	-17.03	1.42	0.016
1752	9	J-1837	J-1838	123.4	PE 100	140	-17.03	1.42	0.016
1753	9	J-1839	J-1828	123.4	PE 100	140	-17.03	1.42	0.016
1754	10	J-1840	J-1841	123.4	PE 100	140	-17.03	1.42	0.016
1755	10	J-1842	J-1813	123.4	PE 100	140	-17.03	1.42	0.016

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1756	11	J-1838	J-1843	123.4	PE 100	140	-17.03	1.42	0.016
1757	11	J-1844	J-1845	123.4	PE 100	140	-17.03	1.42	0.016
1758	11	J-1846	J-1839	123.4	PE 100	140	-17.03	1.42	0.016
1759	11	J-1847	J-1848	123.4	PE 100	140	-17.03	1.42	0.016
1760	12	J-1808	J-1822	123.4	PE 100	140	-17.03	1.42	0.016
1761	12	J-1833	J-1837	123.4	PE 100	140	-17.03	1.42	0.016
1762	12	J-1849	J-1850	123.4	PE 100	140	-17.03	1.42	0.016
1763	13	J-1814	J-1851	123.4	PE 100	140	-17.03	1.42	0.016
1764	13	J-1851	J-1852	123.4	PE 100	140	-17.03	1.42	0.016
1765	13	J-1853	J-1854	123.4	PE 100	140	-17.03	1.42	0.016
1766	14	J-1825	J-1855	123.4	PE 100	140	-17.03	1.42	0.016
1767	14	J-1856	J-1857	123.4	PE 100	140	-17.03	1.42	0.016
1768	14	J-1858	J-1821	123.4	PE 100	140	-17.03	1.42	0.016
1769	15	J-1794	J-1859	123.4	PE 100	140	-17.03	1.42	0.016
1770	15	J-1860	J-1861	123.4	PE 100	140	-17.03	1.42	0.016
1771	15	J-1862	J-1863	123.4	PE 100	140	-17.03	1.42	0.016
1772	16	J-1859	J-1796	123.4	PE 100	140	-17.03	1.42	0.016
1773	16	J-1864	J-1865	123.4	PE 100	140	-17.03	1.42	0.016
1774	16	J-1854	J-1840	123.4	PE 100	140	-17.03	1.42	0.016
1775	16	J-1823	J-1866	123.4	PE 100	140	-17.03	1.42	0.016
1776	16	J-1867	J-1868	123.4	PE 100	140	-17.03	1.42	0.016
1777	17	J-1852	J-1853	123.4	PE 100	140	-17.03	1.42	0.016
1778	17	J-1812	J-1834	123.4	PE 100	140	-17.03	1.42	0.016
1779	17	J-1869	J-1870	123.4	PE 100	140	-17.03	1.42	0.016
1780	17	J-1836	J-1842	123.4	PE 100	140	-17.03	1.42	0.016
1781	18	J-1861	J-1871	123.4	PE 100	140	-17.03	1.42	0.016
1782	18	J-1872	J-1873	123.4	PE 100	140	-17.03	1.42	0.016
1783	19	J-1848	J-1874	123.4	PE 100	140	-17.03	1.42	0.016
1784	19	J-1817	J-1803	123.4	PE 100	140	-17.03	1.42	0.016
1785	19	J-1874	J-1875	123.4	PE 100	140	-17.03	1.42	0.016
1786	19	J-1876	J-1877	123.4	PE 100	140	-17.03	1.42	0.016
1787	19	J-1855	J-1864	123.4	PE 100	140	-17.03	1.42	0.016
1788	19	J-1841	J-1830	123.4	PE 100	140	-17.03	1.42	0.016
1789	23	J-1831	J-1847	123.4	PE 100	140	-17.03	1.42	0.016
1790	23	J-1865	J-1844	123.4	PE 100	140	-17.03	1.42	0.016
1791	24	J-1878	J-1846	123.4	PE 100	140	-17.03	1.42	0.016
1792	24	J-1850	J-1876	123.4	PE 100	140	-17.03	1.42	0.016
1793	24	J-1879	J-1858	123.4	PE 100	140	-17.03	1.42	0.016
1794	25	J-1843	J-1869	123.4	PE 100	140	-17.03	1.42	0.016
1795	26	J-1857	J-1860	123.4	PE 100	140	-17.03	1.42	0.016
1796	26	J-1880	J-1824	123.4	PE 100	140	-17.03	1.42	0.016
1797	27	J-1871	J-1881	123.4	PE 100	140	-17.03	1.42	0.016
1798	29	J-1881	J-1816	123.4	PE 100	140	-17.03	1.42	0.016
1799	29	J-1877	J-1862	123.4	PE 100	140	-17.03	1.42	0.016
1800	31	J-1845	J-1835	123.4	PE 100	140	-17.03	1.42	0.016
1801	34	J-1866	J-1856	123.4	PE 100	140	-17.03	1.42	0.016
1802	36	J-1870	J-1872	123.4	PE 100	140	-17.03	1.42	0.016
1803	37	J-1882	J-1883	123.4	PE 100	140	-17.03	1.42	0.016
1804	39	J-1868	J-1880	123.4	PE 100	140	-17.03	1.42	0.016
1805	40	J-1863	J-1882	123.4	PE 100	140	-17.03	1.42	0.016
1806	40	J-1884	J-1849	123.4	PE 100	140	-17.03	1.42	0.016
1807	41	J-1873	J-1885	123.4	PE 100	140	-17.03	1.42	0.016
1808	46	J-1829	J-1879	123.4	PE 100	140	-17.03	1.42	0.016
1809	50	J-1885	J-1884	123.4	PE 100	140	-17.03	1.42	0.016
1810	52	J-1875	J-1867	123.4	PE 100	140	-17.03	1.42	0.016
1811	59	J-1883	J-1886	123.4	PE 100	140	-17.03	1.42	0.016
1812	90	J-1887	J-1878	123.4	PE 100	140	-17.03	1.42	0.016
1813	95	J-1886	J-1887	123.4	PE 100	140	-17.03	1.42	0.016
1814	1	J-1888	J-1889	141	PE 100	140	11.04	0.71	0.004
1815	1	J-3	J-1888	141	PE 100	140	11.04	0.71	0.004
1816	1	J-1890	J-1891	141	PE 100	140	4.04	0.26	0.001
1817	1	J-1892	J-1893	141	PE 100	140	11.04	0.71	0.004
1818	2	J-1894	J-1895	141	PE 100	140	7.64	0.49	0.002
1819	2	J-1896	J-1897	141	PE 100	140	4.04	0.26	0.001
1820	2	J-1898	J-1899	141	PE 100	140	11.04	0.71	0.004

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1821	2	J-1900	J-1901	141	PE 100	140	4.04	0.26	0.001
1822	2	J-1902	J-1903	141	PE 100	140	4.04	0.26	0.001
1823	2	J-1904	J-1905	141	PE 100	140	7.64	0.49	0.002
1824	2	J-1906	J-1904	141	PE 100	140	7.64	0.49	0.002
1825	2	J-1907	J-1908	141	PE 100	140	7.64	0.49	0.002
1826	2	J-1909	J-1910	141	PE 100	140	11.04	0.71	0.004
1827	2	J-1911	J-1906	141	PE 100	140	7.64	0.49	0.002
1828	2	J-1912	J-1913	141	PE 100	140	4.04	0.26	0.001
1829	2	J-1914	J-1915	141	PE 100	140	11.04	0.71	0.004
1830	3	J-1916	J-1894	141	PE 100	140	7.64	0.49	0.002
1831	3	J-1917	J-1918	141	PE 100	140	7.64	0.49	0.002
1832	3	J-1895	J-1919	141	PE 100	140	7.64	0.49	0.002
1833	3	J-1920	J-1921	141	PE 100	140	4.04	0.26	0.001
1834	3	J-1889	J-1922	141	PE 100	140	11.04	0.71	0.004
1835	3	J-1923	J-1907	141	PE 100	140	7.64	0.49	0.002
1836	3	J-1924	J-1920	141	PE 100	140	4.04	0.26	0.001
1837	3	J-1925	J-15	141	PE 100	140	4.04	0.26	0.001
1838	3	J-1903	J-1912	141	PE 100	140	4.04	0.26	0.001
1839	4	J-1913	J-1890	141	PE 100	140	4.04	0.26	0.001
1840	4	J-1926	J-1927	141	PE 100	140	4.04	0.26	0.001
1841	4	J-1928	J-1926	141	PE 100	140	4.04	0.26	0.001
1842	4	J-1929	J-1930	141	PE 100	140	11.04	0.71	0.004
1843	4	J-1921	J-1902	141	PE 100	140	4.04	0.26	0.001
1844	4	J-1931	J-1932	141	PE 100	140	4.04	0.26	0.001
1845	5	J-1933	J-1934	141	PE 100	140	11.04	0.71	0.004
1846	5	J-1905	J-1935	141	PE 100	140	7.64	0.49	0.002
1847	5	J-1932	J-1936	141	PE 100	140	4.04	0.26	0.001
1848	5	J-1936	J-1924	141	PE 100	140	4.04	0.26	0.001
1849	6	J-1897	J-1928	141	PE 100	140	4.04	0.26	0.001
1850	6	J-1938	J-1939	141	PE 100	140	11.04	0.71	0.004
1851	6	J-1940	J-1941	141	PE 100	140	4.04	0.26	0.001
1852	6	J-1899	J-1929	141	PE 100	140	11.04	0.71	0.004
1853	6	J-1893	J-1914	141	PE 100	140	11.04	0.71	0.004
1854	7	J-1942	J-1943	141	PE 100	140	11.04	0.71	0.004
1855	7	J-1918	J-1916	141	PE 100	140	7.64	0.49	0.002
1856	7	J-1944	J-1945	141	PE 100	140	7.64	0.49	0.002
1857	7	J-1915	J-1946	141	PE 100	140	11.04	0.71	0.004
1858	7	J-1947	J-1948	141	PE 100	140	7.64	0.49	0.002
1859	7	J-1945	J-1923	141	PE 100	140	7.64	0.49	0.002
1860	7	J-1939	J-1949	141	PE 100	140	11.04	0.71	0.004
1861	7	J-1950	J-1944	141	PE 100	140	7.64	0.49	0.002
1862	7	J-1951	J-1952	141	PE 100	140	11.04	0.71	0.004
1863	7	J-1953	J-1917	141	PE 100	140	7.64	0.49	0.002
1864	8	J-1954	J-1950	141	PE 100	140	7.64	0.49	0.002
1865	8	J-1955	J-1933	141	PE 100	140	11.04	0.71	0.004
1866	8	J-1943	J-1956	141	PE 100	140	11.04	0.71	0.004
1867	8	J-1891	J-1896	141	PE 100	140	4.04	0.26	0.001
1868	8	J-1957	J-1958	141	PE 100	140	11.04	0.71	0.004
1869	8	J-1959	J-1960	141	PE 100	140	11.04	0.71	0.004
1870	8	J-1935	J-1953	141	PE 100	140	7.64	0.49	0.002
1871	9	J-1934	J-1961	141	PE 100	140	11.04	0.71	0.004
1872	9	J-1901	J-1962	141	PE 100	140	4.04	0.26	0.001
1873	9	J-1963	J-1947	141	PE 100	140	7.64	0.49	0.002
1874	9	J-1964	J-1963	141	PE 100	140	7.64	0.49	0.002
1875	10	J-1962	J-1965	141	PE 100	140	4.04	0.26	0.001
1876	10	J-1966	J-1964	141	PE 100	140	7.64	0.49	0.002
1877	11	J-1922	J-1951	141	PE 100	140	11.04	0.71	0.004
1878	11	J-1961	J-1967	141	PE 100	140	11.04	0.71	0.004
1879	11	J-1968	J-1892	141	PE 100	140	11.04	0.71	0.004
1880	11	J-1969	J-1970	141	PE 100	140	4.04	0.26	0.001
1881	11	J-1971	J-1972	141	PE 100	140	4.04	0.26	0.001
1882	11	J-1973	J-1900	141	PE 100	140	4.04	0.26	0.001
1883	12	J-1960	J-1938	141	PE 100	140	11.04	0.71	0.004
1884	12	J-1946	J-1974	141	PE 100	140	11.04	0.71	0.004
1885	12	J-1967	J-1975	141	PE 100	140	11.04	0.71	0.004

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1886	13	J-1976	J-1955	141	PE 100	140	11.04	0.71	0.004
1887	13	J-1919	J-1977	141	PE 100	140	7.64	0.49	0.002
1888	13	J-1978	J-1959	141	PE 100	140	11.04	0.71	0.004
1889	13	J-1965	J-1979	141	PE 100	140	4.04	0.26	0.001
1890	13	J-1956	J-1980	141	PE 100	140	11.04	0.71	0.004
1891	13	J-1981	J-1971	141	PE 100	140	4.04	0.26	0.001
1892	14	J-1974	J-1982	141	PE 100	140	11.04	0.71	0.004
1893	14	J-1972	J-1931	141	PE 100	140	4.04	0.26	0.001
1894	14	J-1970	J-1983	141	PE 100	140	4.04	0.26	0.001
1895	15	J-1949	J-1909	141	PE 100	140	11.04	0.71	0.004
1896	16	J-1984	J-1969	141	PE 100	140	4.04	0.26	0.001
1897	16	J-1985	J-1978	141	PE 100	140	11.04	0.71	0.004
1898	16	J-1937	J-1973	141	PE 100	140	4.04	0.26	0.001
1899	17	J-1952	J-1986	141	PE 100	140	11.04	0.71	0.004
1900	17	J-1927	J-1925	141	PE 100	140	4.04	0.26	0.001
1901	18	J-1982	J-1987	141	PE 100	140	11.04	0.71	0.004
1902	19	J-1987	J-1985	141	PE 100	140	11.04	0.71	0.004
1903	19	J-1941	J-1988	141	PE 100	140	4.04	0.26	0.001
1904	19	J-1989	J-1957	141	PE 100	140	11.04	0.71	0.004
1905	19	J-1979	J-1990	141	PE 100	140	4.04	0.26	0.001
1906	20	J-1948	J-1954	141	PE 100	140	7.64	0.49	0.002
1907	21	J-1991	J-1898	141	PE 100	140	11.04	0.71	0.004
1908	21	J-1930	J-1992	141	PE 100	140	11.04	0.71	0.004
1909	22	J-1990	J-1940	141	PE 100	140	4.04	0.26	0.001
1910	23	J-1993	J-1981	141	PE 100	140	4.04	0.26	0.001
1911	23	J-1958	J-1968	141	PE 100	140	11.04	0.71	0.004
1912	26	J-1994	J-1942	141	PE 100	140	11.04	0.71	0.004
1913	26	J-1995	J-1989	141	PE 100	140	11.04	0.71	0.004
1914	27	J-1996	J-1976	141	PE 100	140	11.04	0.71	0.004
1915	28	J-1988	J-1997	141	PE 100	140	4.04	0.26	0.001
1916	28	J-1986	J-1996	141	PE 100	140	11.04	0.71	0.004
1917	29	J-1997	J-1984	141	PE 100	140	4.04	0.26	0.001
1918	29	J-1980	J-1995	141	PE 100	140	11.04	0.71	0.004
1919	30	J-1977	J-1966	141	PE 100	140	7.64	0.49	0.002
1920	30	J-1975	J-1991	141	PE 100	140	11.04	0.71	0.004
1921	32	J-1998	J-1993	141	PE 100	140	4.04	0.26	0.001
1922	34	J-1983	J-1998	141	PE 100	140	4.04	0.26	0.001
1923	45	J-1992	J-1994	141	PE 100	140	11.04	0.71	0.004
1924	0	J-2001	J-2002	158.6	PE 100	140	26.42	1.34	0.011
1925	1	J-2003	J-3	158.6	PE 100	140	26.42	1.34	0.011
1926	1	J-2004	J-2005	158.6	PE 100	140	26.42	1.34	0.011
1927	1	J-2006	J-2004	158.6	PE 100	140	26.42	1.34	0.011
1928	2	J-2007	J-2006	158.6	PE 100	140	26.42	1.34	0.011
1929	4	J-2008	J-2009	158.6	PE 100	140	26.42	1.34	0.011
1930	4	J-2010	J-2011	158.6	PE 100	140	26.42	1.34	0.011
1931	4	J-2012	J-2013	158.6	PE 100	140	26.42	1.34	0.011
1932	4	J-1791	J-2001	158.6	PE 100	140	26.42	1.34	0.011
1933	5	J-2011	J-2003	158.6	PE 100	140	26.42	1.34	0.011
1934	5	J-2009	J-2014	158.6	PE 100	140	26.42	1.34	0.011
1935	11	J-2014	J-2012	158.6	PE 100	140	26.42	1.34	0.011
1936	16	J-2015	J-2008	158.6	PE 100	140	26.42	1.34	0.011
1937	17	J-2013	J-2016	158.6	PE 100	140	26.42	1.34	0.011
1938	17	J-2017	J-2018	158.6	PE 100	140	26.42	1.34	0.011
1939	19	J-2019	J-2020	158.6	PE 100	140	26.42	1.34	0.011
1940	20	J-2021	J-2022	158.6	PE 100	140	26.42	1.34	0.011
1941	20	J-2020	J-2023	158.6	PE 100	140	26.42	1.34	0.011
1942	21	J-2016	J-2019	158.6	PE 100	140	26.42	1.34	0.011
1943	21	J-2024	J-2025	158.6	PE 100	140	26.42	1.34	0.011
1944	24	J-2018	J-2010	158.6	PE 100	140	26.42	1.34	0.011
1945	24	J-2002	J-2026	158.6	PE 100	140	26.42	1.34	0.011
1946	25	J-2022	J-2027	158.6	PE 100	140	26.42	1.34	0.011
1947	25	J-2028	J-2029	158.6	PE 100	140	26.42	1.34	0.011
1948	26	J-2030	J-2031	158.6	PE 100	140	26.42	1.34	0.011
1949	26	J-2032	J-2028	158.6	PE 100	140	26.42	1.34	0.011
1950	27	J-2031	J-2033	158.6	PE 100	140	26.42	1.34	0.011

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
1951	27	J-2026	J-2007	158.6	PE 100	140	26.42	1.34	0.011
1952	28	J-2025	J-2032	158.6	PE 100	140	26.42	1.34	0.011
1953	31	J-2034	J-2035	158.6	PE 100	140	26.42	1.34	0.011
1954	32	J-2029	J-2034	158.6	PE 100	140	26.42	1.34	0.011
1955	35	J-2036	J-2037	158.6	PE 100	140	26.42	1.34	0.011
1956	36	J-2038	J-2017	158.6	PE 100	140	26.42	1.34	0.011
1957	37	J-2039	J-2038	158.6	PE 100	140	26.42	1.34	0.011
1958	37	J-2023	J-2024	158.6	PE 100	140	26.42	1.34	0.011
1959	38	J-2040	J-2030	158.6	PE 100	140	26.42	1.34	0.011
1960	44	J-2041	J-2039	158.6	PE 100	140	26.42	1.34	0.011
1961	48	J-2005	J-2015	158.6	PE 100	140	26.42	1.34	0.011
1962	51	J-2035	J-2036	158.6	PE 100	140	26.42	1.34	0.011
1963	52	J-2027	J-1999	158.6	PE 100	140	26.42	1.34	0.011
1964	53	J-2037	J-2042	158.6	PE 100	140	26.42	1.34	0.011
1965	53	J-2043	J-2044	158.6	PE 100	140	26.42	1.34	0.011
1966	55	J-2045	J-2043	158.6	PE 100	140	26.42	1.34	0.011
1967	58	J-2033	J-2046	158.6	PE 100	140	26.42	1.34	0.011
1968	70	J-2042	J-2021	158.6	PE 100	140	26.42	1.34	0.011
1969	83	J-2047	J-2048	158.6	PE 100	140	26.42	1.34	0.011
1970	84	J-1999	J-2047	158.6	PE 100	140	26.42	1.34	0.011
1971	89	J-2044	J-2040	158.6	PE 100	140	26.42	1.34	0.011
1972	91	J-2048	J-2045	158.6	PE 100	140	26.42	1.34	0.011
1973	94	J-2046	J-2041	158.6	PE 100	140	26.42	1.34	0.011
1974	2	J-1732	J-231	221.2	PE 100	140	63	1.64	0.011
1975	3	J-231	J-1733	221.2	PE 100	140	53.77	1.4	0.008
1976	16	J-1772	J-234	221.2	PE 100	140	54.9	1.43	0.008
1977	16	J-234	J-1773	221.2	PE 100	140	43.45	1.13	0.005
1978	4	J-121	J-837	96.8	PE 100	140	8.96	1.22	0.016
1979	11	J-837	J-116	96.8	PE 100	140	7.46	1.01	0.011
1980	0	J-6	J-961	96.8	PE 100	140	-1.93	0.26	0.001
1981	11	J-961	J-93	96.8	PE 100	140	-5.74	0.78	0.007
1982	0	J-883	J-48	96.8	PE 100	140	0.36	0.05	0
1983	0	J-883	J-48	79.2	PE 100	140	0.21	0.04	0
1984	27	J-134	J-677	96.8	PE 100	140	4.66	0.63	0.005
1985	116	J-677	J-222	96.8	PE 100	140	1.45	0.2	0.001
1986	2	J-38	J-639	96.8	PE 100	140	2.87	0.39	0.002
1987	4	J-639	J-39	96.8	PE 100	140	-0.73	0.1	0
1988	1	J-1908	J-450	141	PE 100	140	7.64	0.49	0.002
1989	4	J-450	J-1937	141	PE 100	140	4.04	0.26	0.001
1990	16	J-133	J-1639	96.8	PE 100	140	-5.74	0.78	0.007
1991	3	J-1639	J-146	96.8	PE 100	140	-7.24	0.98	0.011
1992	7	J-635	J-398	79.2	PE 100	140	2.7	0.55	0.005
1993	7	J-398	J-781	79.2	PE 100	140	1.8	0.37	0.002
1994	19	J-1255	J-663	79.2	PE 100	140	0.9	0.18	0.001
1995	18	J-950	J-1163	79.2	PE 100	140	2.1	0.43	0.003
1996	18	J-1163	J-960	79.2	PE 100	140	1.8	0.37	0.002
1997	13	J-1306	J-949	79.2	PE 100	140	2.1	0.43	0.003
1998	53	J-129	J-1576	96.8	PE 100	140	-0.73	0.1	0
1999	4	J-1576	J-140	96.8	PE 100	140	-1.93	0.26	0.001
2000	27	J-930	J-1250	79.2	PE 100	140	3.1	0.63	0.006
2001	5	J-1250	J-933	79.2	PE 100	140	2.8	0.57	0.005
2002	18	J-598	J-1658	79.2	PE 100	140	-0.51	0.1	0
2003	5	J-1658	J-562	79.2	PE 100	140	-0.51	0.1	0
2004	18	J-162	J-1356	96.8	PE 100	140	-8.21	1.12	0.013
2005	3	J-1356	J-163	96.8	PE 100	140	-8.51	1.16	0.014
2006	6	J-764	J-1070	79.2	PE 100	140	3.3	0.67	0.007
2007	7	J-1070	J-650	79.2	PE 100	140	3	0.61	0.006
2008	2	J-677	J-1367	79.2	PE 100	140	3.2	0.65	0.006
2009	6	J-1367	J-678	79.2	PE 100	140	2.9	0.59	0.005
2010	34	J-794	J-1552	79.2	PE 100	140	2.2	0.45	0.003
2011	7	J-1552	J-975	79.2	PE 100	140	1.9	0.38	0.002
2012	16	J-1442	J-987	79.2	PE 100	140	2.7	0.55	0.005
2013	3	J-76	J-408	96.8	PE 100	140	5.27	0.72	0.006
2014	7	J-408	J-77	96.8	PE 100	140	2.87	0.39	0.002
2015	8	J-350	J-1097	55.4	PE 100	140	1.8	0.75	0.012

RREZULTATET E LLOGARITJEVE TE TUBACIONEVE TE FSHATIT HAMALLAJ

Nr.	Length (m)	Start Node	Stop Node	Diameter (mm)	Material	Hazen-Williams C	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/m)
2016	16	J-1097	J-337	55.4	PE 100	140	1.5	0.62	0.009
2017	8	J-726	J-1047	79.2	PE 100	140	-0.51	0.1	0
2018	5	J-1047	J-597	79.2	PE 100	140	-0.51	0.1	0
2019	24	J-933	J-1707	79.2	PE 100	140	2.8	0.57	0.005
2020	5	J-1707	J-918	79.2	PE 100	140	2.2	0.45	0.003
2021	14	J-70	J-1167	96.8	PE 100	140	-8.81	1.2	0.015
2022	7	J-1167	J-13	96.8	PE 100	140	-9.11	1.24	0.016
2023	1	J-1910	J-42	141	PE 100	140	11.04	0.71	0.004
2024	1	J-42	J-1911	141	PE 100	140	7.64	0.49	0.002
2025	8	J-782	J-1079	79.2	PE 100	140	3.6	0.73	0.008
2026	13	J-1079	J-764	79.2	PE 100	140	3.3	0.67	0.007
2027	1	J-24	J-1436	96.8	PE 100	140	1.8	0.24	0.001
2028	6	J-1436	J-19	96.8	PE 100	140	1.5	0.2	0.001
2029	2	J-154	J-245	96.8	PE 100	140	-7.24	0.98	0.011
2030	73	J-245	J-221	96.8	PE 100	140	-8.77	1.19	0.015
2031	9	J-651	J-1068	79.2	PE 100	140	3	0.61	0.006
2032	11	J-1068	J-593	79.2	PE 100	140	2.7	0.55	0.005
2033	54	J-1775	J-227	221.2	PE 100	140	53.77	1.4	0.008
2034	45	J-227	J-1759	221.2	PE 100	140	54.9	1.43	0.008
2035	45	J-623	J-1538	79.2	PE 100	140	-0.38	0.08	0
2036	0	J-1538	J-982	79.2	PE 100	140	-0.68	0.14	0
2037	18	J-861	J-1638	79.2	PE 100	140	-2.01	0.41	0.003
2038	4	J-1638	J-877	79.2	PE 100	140	-3.21	0.65	0.006
2039	16	J-570	J-1270	79.2	PE 100	140	-3.58	0.73	0.008
2040	13	J-1270	J-932	79.2	PE 100	140	-3.88	0.79	0.009
2041	18	J-563	J-1039	79.2	PE 100	140	-0.51	0.1	0
2042	2	J-1039	J-861	79.2	PE 100	140	-2.01	0.41	0.003
2043	5	J-1723	J-14	221.2	PE 100	140	72.11	1.88	0.013
2044	1	J-14	J-1736	221.2	PE 100	140	63	1.64	0.011
2045	2	J-48	J-1596	79.2	PE 100	140	3.7	0.75	0.008
2046	20	J-1596	J-884	79.2	PE 100	140	3.1	0.63	0.006
2047	0	J-48	J-883	96.8	PE 100	140	-0.52	0.07	0
2048	32	J-877	J-1630	79.2	PE 100	140	-3.21	0.65	0.006
2049	4	J-1630	J-961	79.2	PE 100	140	-3.81	0.77	0.009
2050	6	J-78	J-1002	96.8	PE 100	140	7.16	0.97	0.01
2051	3	J-1002	J-79	96.8	PE 100	140	5.27	0.72	0.006
2052	25	J-960	J-1370	79.2	PE 100	140	1.8	0.37	0.002
2053	9	J-987	J-1202	79.2	PE 100	140	2.7	0.55	0.005
2054	32	J-1202	J-1306	79.2	PE 100	140	2.4	0.49	0.004
2055	7	J-975	J-743	79.2	PE 100	140	1.9	0.38	0.002
2056	31	J-743	J-1442	79.2	PE 100	140	3	0.61	0.006
2057	8	J-62	J-883	96.8	PE 100	140	1.45	0.2	0.001
2058	0	J-883	J-48	96.8	PE 100	140	0.36	0.05	0
2059	3	J-1370	J-1503	79.2	PE 100	140	1.5	0.3	0.002
2060	18	J-1503	J-1255	79.2	PE 100	140	1.2	0.24	0.001