

RAPORTI LLOGARITJEVE HIDRAULIKE

OBJEKTI

FURNIZIMI ME UJË

PËR FSHATRA PICAR & KOLONJË TË BASHKISË GJIROKASTËR

(PROJEKT – ZBATIM)

VITI 2024

PROJEKTUES	INVESTITOR	KLIENT
C.E.C GROUP <i>LICENCE N.6635/11</i>	MINISTRIA E INFRASTRUKTURES DHE ENERGJISE	SHOQERIA RAJONALE UJESJELLES-KANALIZIME S.H.A GJIROKASTER
		

1 MODELIMI HIDRAULIK

Qëllimi i modelimit hidraulik është përafrimi i kushteve reale të presionit dhe shpejtësisë në sistemin e shpërndarjes, bazuar në sasi të kufizuar të të dhënave të matura. Gjendjet e operimit kritik mund të ekzaminohen me atë, si kërkesa vjetore maksimale e ujit ose dëmtimi i një stacioni të pompimit, thyerja e një diametri të madh kryesor etj. Modele të ndryshme hidraulike janë të përshtatshme për qëllime të ndryshme. Gjate modelimit do të merret në konsideratë gjithmonë qëllimi I projektit të modelimit.

Pas permbushjes së plote të studimit topografik, gjeologjik dhe trasimit të linjave të tubacioneve, do të realizohet modelimi hidraulik me anë të Software-ve nga ku do të nxirren të gjitha parametrat hidraulike të vlefshme për percaktimin e diametrit të tubacioneve referuar shpejtësive tekniko ekonomike si dhe percaktimin e preioneve të nevojshme deri të konsumatori me i fundit, percaktimi i valvulave reduktues të presionit etj. Pas llogaritjeve hidraulike do të kalohet në hartimin e modelit hidraulik. Ky model do të japë një situatë të qartë në lidhje me dimensionimin e tubave të unazës/unazave të presionit duke marrë në konsideratë parametrat hidraulike si edhe të dhënat të kerkuara në pikat e lidhjeve të nenzoneve.

Nepermjet këtij modeli, bazuar dhe në relievin e zonës e lartësive e ndërtesave do të sigurohet presioni i nevojshëm prej 2-6.0 bar për çdo konsumator.

Gjithashtu nepermjet modelit mund të kontrollojme në mënyrë të qartë regjimin e linjave në lidhje me elementet kryesore hidraulike gjatë periudhës së pikut të konsumit dhe asaj të konsumit minimal.

Simulimet hidraulike mund të kryhen për periudha më të gjata kohore, jo vetëm për një kohë të vetme. Simulimet e zgjatura të periudhës (EPS) mund të konsiderohen si llogaritje të shumta të gjendjes së qëndrueshme pas njëri-tjetrit. Nëse një kushtet i rrjetit është një funksion i kohës, nevojiten simulime EPS.

Është bërë një simulim hidraulik për rastin. Modelimi dhe simulimi kryhen duke përdorur softuerin Water Cad, duke kontrolluar të gjithë parametrat hidraulikë të sistemit në përgjithësi dhe elementët e tij në veçanti.

- Sistemi plotëson kërkesën e vlerësuar;
- Sistemi funksionon me shpejtësi të pranueshme;
- Sistemi funksionon brenda intervalit të presionit të kërkuar;

Vlera e ashpersise hidraulike shtrihet në mes $0.1 \times 10^{-3} \text{m}$ dhe $0.4 \times 10^{-3} \text{m}$ për linjen kryesore dhe midis $0.4 \times 10^{-3} \text{m}$ dhe 1×10^{-3} për rrjetin lokal. Vlera e vecante e ashpersise së projektimit k2 do të varet nga tubi ose material i shtrimit, gjendja e brendshme, të cilat diktohen nga cilesia e ujit, lloji dhe numri i valvulave, rakorderive dhe bashkimeve.

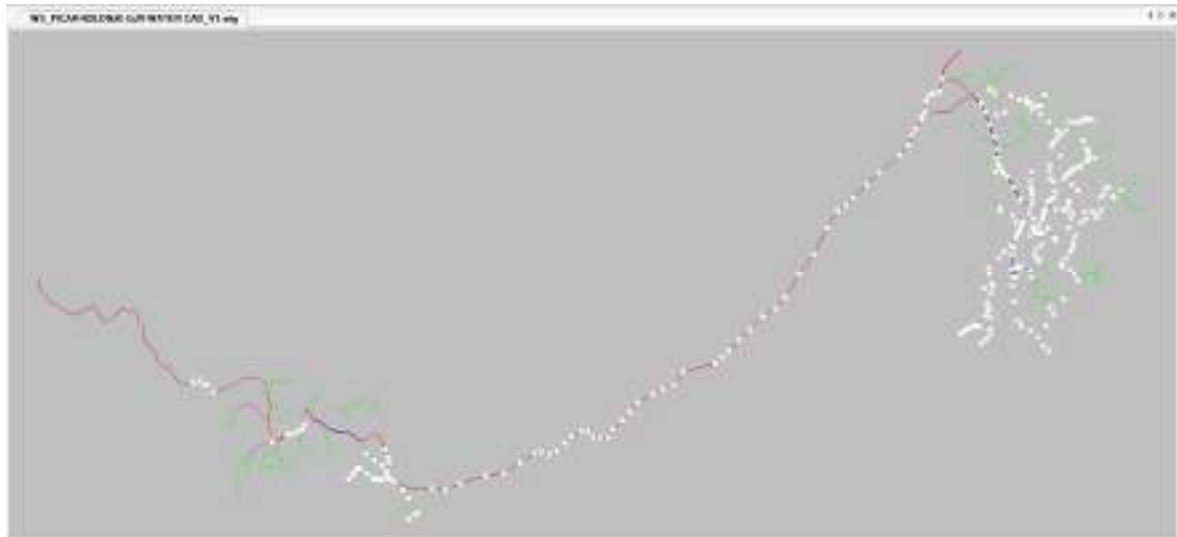
Një pjesë e rezultateve jepet në Aneksin përkatës.

1.1.1 Inventari i Modelit Hidraulik – Ujesjellesi PICAR & KOLONJE_HYD. wtg

Ujesjellesi PICAR & KOLONJE_HYD. wtg					
Titulli projektit	FURNIZIMI ME UJË PËR FSHATRAT PICAR & KOLONJË TË BASHKISË GJIROKASTËR				
Inxhinieri	C.E.C GROUP				
Data	2024				
Shenime	-				
Rrjeti Kryesor & Rrjeti Shperndares, Rezervuaret, Dhom Komandimi e Rez Egz., Pusetat e Shuarjes se Presionit, Dhomat e Klorinimit, , Etj.					
Tubacione (m)	20,120	Dhom Komandimi e Rez Egz.		1	
Hydrants (cope)	4	Pusetat e Shuarjes se Presionit		2+1	
Rezervuar i Ri (cope)	2	Dhomat e Klorinimit		1	
Inventari i Tubave – Rrjeti Kryesor & Rrjeti Shperndares					
35.2 (mm)	-	m	32.6 (mm)	-	m
44.0 (mm)	4020	m	40.8 (mm)	3325	m
55.4 (mm)	995	m	51.4 (mm)	1425	m
66.0 (mm)	320	m	61.4 (mm)	420	m
79.2 (mm)	445	m	73.6 (mm)	1110	m
96.8 (mm)	3965	m	90.0 (mm)	2635	m
110.2 (mm)	-	m	102.2 (mm)	-	m
123.4 (mm)	290	m	114.6 (mm)	-	m
141 (mm)	-	m	130.8 (mm)	-	m
158.6 (mm)	-	m	147.2 (mm)	-	m
176.2 (mm)	-	m	163.6 (mm)	-	m
198.20 (mm)	-	m	184.0 (mm)	-	m
220.40 (mm)	-	m	204.6 (mm)	-	m
246.8 (mm)	-	m	229.2 (mm)	-	m
277.6 (mm)	-	m	257.8 (mm)	-	m
312.8 (mm)	-	m	290.6 (mm)	-	m
352.6 (mm)	-	m	327.4 (mm)	-	m
396.6 (mm)	-	m	368.2 (mm)	-	m
440.6 (mm)	-	m	409.2 (mm)	-	m
493.6 (mm)	-	m	458.3 (mm)	-	m
555.2 (mm)	-	m	515.6 (mm)	-	m

1.1.2 Skema Hidraulike – Ujesjellesi PICAR & KOLONJE_HYD. wtg

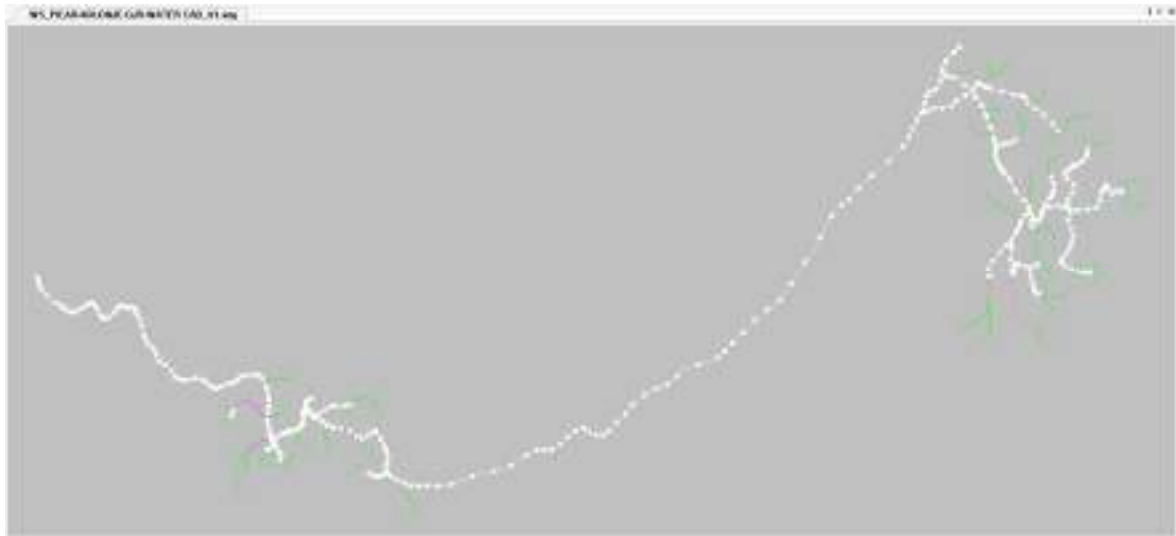
Vlerat e Presionit ne Rrjetin e Ujesjellesit per Fluksin e Prurjes Maksimale (> 6bar)



Tubacionet ne Rrjetin e Ujesjellesit sipas presioneve (≥ 10 bar)



Vlerat e Shpejtesise ne Rrjetin e Ujesjellesit per Fluksin e Prurjes Maksimale (>0.4m/s <2m/s)



Vlerat e Shpejtesise ne Rrjetin e Ujesjellesit per Fluksin e Prurjes Minimale (>1.5m/s <2m/s)



1.1.3 Tabela e Tubacioneve – Ujesjellesi PICAR & KOLONJE_HYD. Wtg

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER							
ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT KRYESORE TE DERGIMIT							
4508	7	96.8	HDPE	0.1	7	0.95	0.011
4511	7	96.8	HDPE	0.1	5	0.68	0.006
4514	9	96.8	HDPE	0.1	5	0.68	0.006
4517	10	96.8	HDPE	0.1	7	0.95	0.011
4519	10	96.8	HDPE	0.1	5	0.68	0.006
4524	11	96.8	HDPE	0.1	7	0.95	0.011
4527	11	96.8	HDPE	0.1	7	0.95	0.011
4530	11	96.8	HDPE	0.1	7	0.95	0.011
4532	12	96.8	HDPE	0.1	7	0.95	0.011
4535	12	96.8	HDPE	0.1	7	0.95	0.011
4538	13	96.8	HDPE	0.1	7	0.95	0.011
4541	13	96.8	HDPE	0.1	5	0.68	0.006
4544	12	96.8	HDPE	0.1	5	0.68	0.006
4546	13	96.8	HDPE	0.1	5	0.68	0.006
4549	13	96.8	HDPE	0.1	5	0.68	0.006
4552	13	96.8	HDPE	0.1	7	0.95	0.011
4555	13	96.8	HDPE	0.1	7	0.95	0.011
4557	14	96.8	HDPE	0.1	5	0.68	0.006
4560	14	96.8	HDPE	0.1	7	0.95	0.011
4564	15	96.8	HDPE	0.1	7	0.95	0.011
4567	15	96.8	HDPE	0.1	7	0.95	0.011
4570	15	96.8	HDPE	0.1	7	0.95	0.011
4573	16	96.8	HDPE	0.1	7	0.95	0.011
4575	17	96.8	HDPE	0.1	5	0.68	0.006
4577	17	96.8	HDPE	0.1	7	0.95	0.011
4583	17	96.8	HDPE	0.1	5	0.68	0.006
4586	17	96.8	HDPE	0.1	7	0.95	0.011
4588	17	96.8	HDPE	0.1	7	0.95	0.011
4590	17	96.8	HDPE	0.1	5	0.68	0.006
4593	18	96.8	HDPE	0.1	7	0.95	0.011
4596	18	96.8	HDPE	0.1	7	0.95	0.011
4597	18	96.8	HDPE	0.1	5	0.68	0.006
4600	19	61.4	HDPE	0.1	2.5	0.84	0.015
4603	19	96.8	HDPE	0.1	7	0.95	0.011
4605	19	61.4	HDPE	0.1	2.5	0.84	0.015

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT KRYESORE TE DERGIMIT							
4607	19	96.8	HDPE	0.1	7	0.95	0.011
4610	19	96.8	HDPE	0.1	7	0.95	0.011
4612	19	96.8	HDPE	0.1	5	0.68	0.006
4614	19	96.8	HDPE	0.1	7	0.95	0.011
4617	20	96.8	HDPE	0.1	5	0.68	0.006
4619	20	96.8	HDPE	0.1	7	0.95	0.011
4622	21	96.8	HDPE	0.1	7	0.95	0.011
4623	21	96.8	HDPE	0.1	7	0.95	0.011
4625	22	96.8	HDPE	0.1	7	0.95	0.011
4626	22	96.8	HDPE	0.1	5	0.68	0.006
4628	22	96.8	HDPE	0.1	7	0.95	0.011
4630	22	96.8	HDPE	0.1	7	0.95	0.011
4631	22	96.8	HDPE	0.1	7	0.95	0.011
4632	23	96.8	HDPE	0.1	7	0.95	0.011
4636	23	96.8	HDPE	0.1	5	0.68	0.006
4639	23	96.8	HDPE	0.1	5	0.68	0.006
4642	24	96.8	HDPE	0.1	5	0.68	0.006
4644	24	96.8	HDPE	0.1	5	0.68	0.006
4645	24	96.8	HDPE	0.1	7	0.95	0.011
4647	24	96.8	HDPE	0.1	7	0.95	0.011
4649	24	96.8	HDPE	0.1	7	0.95	0.011
4651	24	96.8	HDPE	0.1	5	0.68	0.006
4652	25	96.8	HDPE	0.1	5	0.68	0.006
4654	25	96.8	HDPE	0.1	5	0.68	0.006
4657	25	96.8	HDPE	0.1	5	0.68	0.006
4659	26	96.8	HDPE	0.1	7	0.95	0.011
4661	26	96.8	HDPE	0.1	7	0.95	0.011
4663	26	61.4	HDPE	0.1	2.5	0.84	0.015
4665	27	96.8	HDPE	0.1	7	0.95	0.011
4667	27	96.8	HDPE	0.1	5	0.68	0.006
4670	27	90	HDPE	0.1	5	0.79	0.008
4673	27	96.8	HDPE	0.1	7	0.95	0.011
4675	27	96.8	HDPE	0.1	5	0.68	0.006
4677	27	96.8	HDPE	0.1	7	0.95	0.011
4679	27	90	HDPE	0.1	5	0.79	0.008
4682	28	61.4	HDPE	0.1	2.5	0.84	0.015
4684	29	96.8	HDPE	0.1	7	0.95	0.011

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT KRYESORE TE DERGIT							
4686	29	96.8	HDPE	0.1	7	0.95	0.011
4689	29	96.8	HDPE	0.1	5	0.68	0.006
4690	30	96.8	HDPE	0.1	7	0.95	0.011
4691	30	96.8	HDPE	0.1	7	0.95	0.011
4692	30	90	HDPE	0.1	5	0.79	0.008
4695	31	96.8	HDPE	0.1	5	0.68	0.006
4698	31	96.8	HDPE	0.1	5	0.68	0.006
4700	31	90	HDPE	0.1	5	0.79	0.008
4703	31	90	HDPE	0.1	5	0.79	0.008
4704	31	96.8	HDPE	0.1	7	0.95	0.011
4705	32	96.8	HDPE	0.1	7	0.95	0.011
4706	32	90	HDPE	0.1	5	0.79	0.008
4708	32	96.8	HDPE	0.1	7	0.95	0.011
4709	32	96.8	HDPE	0.1	7	0.95	0.011
4710	32	90	HDPE	0.1	5	0.79	0.008
4712	32	96.8	HDPE	0.1	5	0.68	0.006
4713	33	96.8	HDPE	0.1	7	0.95	0.011
4715	33	96.8	HDPE	0.1	7	0.95	0.011
4717	34	96.8	HDPE	0.1	5	0.68	0.006
4718	34	96.8	HDPE	0.1	5	0.68	0.006
4719	34	96.8	HDPE	0.1	5	0.68	0.006
4721	34	96.8	HDPE	0.1	5	0.68	0.006
4722	35	96.8	HDPE	0.1	5	0.68	0.006
4724	35	90	HDPE	0.1	5	0.79	0.008
4726	35	96.8	HDPE	0.1	7	0.95	0.011
4727	35	96.8	HDPE	0.1	5	0.68	0.006
4729	35	96.8	HDPE	0.1	7	0.95	0.011
4730	36	96.8	HDPE	0.1	5	0.68	0.006
4734	36	96.8	HDPE	0.1	5	0.68	0.006
4736	37	96.8	HDPE	0.1	7	0.95	0.011
4738	37	96.8	HDPE	0.1	7	0.95	0.011
4739	37	90	HDPE	0.1	5	0.79	0.008
4741	37	96.8	HDPE	0.1	5	0.68	0.006
4742	38	90	HDPE	0.1	5	0.79	0.008
4745	38	96.8	HDPE	0.1	5	0.68	0.006
4747	38	90	HDPE	0.1	5	0.79	0.008
4749	38	96.8	HDPE	0.1	5	0.68	0.006

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT KRYESORE TE DERGIMIT							
4753	40	90	HDPE	0.1	5	0.79	0.008
4756	40	96.8	HDPE	0.1	7	0.95	0.011
4757	41	96.8	HDPE	0.1	5	0.68	0.006
4758	41	96.8	HDPE	0.1	5	0.68	0.006
4759	41	61.4	HDPE	0.1	2.5	0.84	0.015
4762	42	90	HDPE	0.1	5	0.79	0.008
4765	42	61.4	HDPE	0.1	2.5	0.84	0.015
4767	43	90	HDPE	0.1	5	0.79	0.008
4769	43	90	HDPE	0.1	5	0.79	0.008
4772	44	61.4	HDPE	0.1	2.5	0.84	0.015
4773	45	90	HDPE	0.1	5	0.79	0.008
4776	47	90	HDPE	0.1	5	0.79	0.008
4780	48	90	HDPE	0.1	5	0.79	0.008
4781	48	90	HDPE	0.1	5	0.79	0.008
4782	49	90	HDPE	0.1	5	0.79	0.008
4784	49	96.8	HDPE	0.1	7	0.95	0.011
4785	50	96.8	HDPE	0.1	5	0.68	0.006
4789	52	90	HDPE	0.1	5	0.79	0.008
4791	52	96.8	HDPE	0.1	5	0.68	0.006
4792	55	90	HDPE	0.1	5	0.79	0.008
4794	56	96.8	HDPE	0.1	5	0.68	0.006
4797	57	90	HDPE	0.1	5	0.79	0.008
4798	59	61.4	HDPE	0.1	2.5	0.84	0.015
4801	61	90	HDPE	0.1	5	0.79	0.008
4803	63	90	HDPE	0.1	5	0.79	0.008
4806	63	90	HDPE	0.1	5	0.79	0.008
4809	65	90	HDPE	0.1	5	0.79	0.008
4813	70	96.8	HDPE	0.1	5	0.68	0.006
4815	72	90	HDPE	0.1	5	0.79	0.008
4817	72	90	HDPE	0.1	5	0.79	0.008
4820	75	90	HDPE	0.1	5	0.79	0.008
4821	76	90	HDPE	0.1	5	0.79	0.008
4823	76	90	HDPE	0.1	5	0.79	0.008
4826	79	90	HDPE	0.1	5	0.79	0.008
4827	79	90	HDPE	0.1	5	0.79	0.008
4828	80	90	HDPE	0.1	5	0.79	0.008
4829	83	90	HDPE	0.1	5	0.79	0.008

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT KRYESORE TE DERGIMIT							
4831	110	90	HDPE	0.1	5	0.79	0.008
4834	113	90	HDPE	0.1	5	0.79	0.008
4835	113	90	HDPE	0.1	5	0.79	0.008
4836	116	90	HDPE	0.1	5	0.79	0.008
4837	124	90	HDPE	0.1	5	0.79	0.008
4838	138	90	HDPE	0.1	5	0.79	0.008
5779	48	90	HDPE	0.1	5	0.79	0.008
5790	16	61.4	HDPE	0.1	-2.5	0.84	0.015
5845	34	96.8	HDPE	0.1	5	0.68	0.006
5846	2	96.8	HDPE	0.1	5	0.68	0.006
5848	62	96.8	HDPE	0.1	5	0.68	0.006
5849	2	96.8	HDPE	0.1	5	0.68	0.006
5898	41	96.8	HDPE	0.1	7	0.95	0.011
5908	4	96.8	HDPE	0.1	7	0.95	0.011
5918	65	61.4	HDPE	0.1	2.5	0.84	0.015
5919	3	66	HDPE	0.1	2.5	0.73	0.011
5921	57	61.4	HDPE	0.1	2.5	0.84	0.015
5922	4	61.4	HDPE	0.1	2.5	0.84	0.015

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
4842	5	44	HDPE	0.4	0.45	0.29	0.004
4847	7	44	HDPE	0.4	0.45	0.29	0.004
4849	8	44	HDPE	0.4	0.45	0.29	0.004
4851	8	79.2	HDPE	0.4	2.09	0.42	0.004
4854	9	44	HDPE	0.4	0.45	0.29	0.004
4857	8	44	HDPE	0.4	0.9	0.59	0.016
4860	8	66	HDPE	0.4	2.09	0.61	0.01
4863	8	123.4	HDPE	0.4	31.03	2.59	0.076
4866	8	44	HDPE	0.4	0.45	0.29	0.004
4869	9	79.2	HDPE	0.4	2.09	0.42	0.004
4871	9	44	HDPE	0.4	0.75	0.49	0.011
4873	9	44	HDPE	0.4	0.75	0.49	0.011
4876	10	44	HDPE	0.4	-0.45	0.29	0.004
4879	10	44	HDPE	0.4	0.45	0.29	0.004
4882	10	44	HDPE	0.4	0.45	0.29	0.004
4885	9	44	HDPE	0.4	0.45	0.29	0.004
4886	10	40.8	HDPE	0.4	0.45	0.34	0.006
4889	10	44	HDPE	0.4	0.45	0.29	0.004
4892	10	40.8	HDPE	0.4	0.45	0.34	0.006
4895	11	44	HDPE	0.4	0.45	0.29	0.004
4898	11	96.8	HDPE	0.4	8.07	1.1	0.019
4901	11	44	HDPE	0.4	0.3	0.2	0.002
4904	11	73.6	HDPE	0.4	3.59	0.84	0.016
4907	11	44	HDPE	0.4	0.3	0.2	0.002
4910	11	73.6	HDPE	0.4	3.59	0.84	0.016
4913	12	44	HDPE	0.4	0.45	0.29	0.004
4916	12	44	HDPE	0.4	0.3	0.2	0.002
4918	12	44	HDPE	0.4	0.45	0.29	0.004
4921	12	40.8	HDPE	0.4	0.45	0.34	0.006
4924	12	55.4	HDPE	0.4	1.2	0.5	0.008
4927	12	44	HDPE	0.4	0.45	0.29	0.004
4929	12	44	HDPE	0.4	0.45	0.29	0.004
4932	12	44	HDPE	0.4	0.45	0.29	0.004
4935	12	44	HDPE	0.4	0.75	0.49	0.011
4938	12	44	HDPE	0.4	0.45	0.29	0.004
4941	12	44	HDPE	0.4	0.45	0.29	0.004
4944	13	96.8	HDPE	0.4	28.93	3.93	0.237

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
4947	13	51.4	HDPE	0.4	0.9	0.43	0.007
4950	13	44	HDPE	0.4	0.45	0.29	0.004
4953	13	44	HDPE	0.4	0.45	0.29	0.004
4955	13	96.8	HDPE	0.4	28.93	3.93	0.237
4957	13	79.2	HDPE	0.4	2.09	0.42	0.004
4960	14	55.4	HDPE	0.4	0.6	0.25	0.002
4963	14	66	HDPE	0.4	0.9	0.26	0.002
4965	14	96.8	HDPE	0.4	26.54	3.61	0.199
4967	14	44	HDPE	0.4	0.3	0.2	0.002
4969	14	40.8	HDPE	0.4	0.45	0.34	0.006
4972	14	40.8	HDPE	0.4	0.45	0.34	0.006
4975	14	44	HDPE	0.4	0.45	0.29	0.004
4976	14	44	HDPE	0.4	0.45	0.29	0.004
4978	15	44	HDPE	0.4	0.45	0.29	0.004
4980	15	73.6	HDPE	0.4	3.59	0.84	0.016
4982	15	44	HDPE	0.4	0.45	0.29	0.004
4983	15	96.8	HDPE	0.4	7.77	1.06	0.018
4985	15	40.8	HDPE	0.4	0.45	0.34	0.006
4988	15	44	HDPE	0.4	0.3	0.2	0.002
4991	15	44	HDPE	0.4	0.45	0.29	0.004
4993	15	40.8	HDPE	0.4	0.45	0.34	0.006
4994	15	55.4	HDPE	0.4	1.2	0.5	0.008
4996	15	44	HDPE	0.4	0.45	0.29	0.004
4999	15	44	HDPE	0.4	0.45	0.29	0.004
5002	16	44	HDPE	0.4	0.45	0.29	0.004
5004	16	66	HDPE	0.4	2.09	0.61	0.01
5005	16	44	HDPE	0.4	0.45	0.29	0.004
5007	17	40.8	HDPE	0.4	0.45	0.34	0.006
5010	16	40.8	HDPE	0.4	0.9	0.69	0.024
5013	16	44	HDPE	0.4	0.9	0.59	0.016
5016	16	44	HDPE	0.4	0.75	0.49	0.011
5019	16	66	HDPE	0.4	1.05	0.31	0.003
5022	17	40.8	HDPE	0.4	0.45	0.34	0.006
5023	17	44	HDPE	0.4	0.75	0.49	0.011
5026	17	44	HDPE	0.4	0.45	0.29	0.004
5029	17	44	HDPE	0.4	0.45	0.29	0.004
5032	17	73.6	HDPE	0.4	5.23	1.23	0.034

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5035	17	44	HDPE	0.4	0.45	0.29	0.004
5038	17	44	HDPE	0.4	0.3	0.2	0.002
5039	18	44	HDPE	0.4	0.75	0.49	0.011
5040	18	51.4	HDPE	0.4	0.75	0.36	0.005
5043	18	44	HDPE	0.4	0.75	0.49	0.011
5046	18	79.2	HDPE	0.4	2.09	0.42	0.004
5050	18	44	HDPE	0.4	0.6	0.39	0.007
5053	18	44	HDPE	0.4	0.45	0.29	0.004
5054	18	123.4	HDPE	0.4	33.42	2.79	0.088
5056	18	40.8	HDPE	0.4	0.9	0.69	0.024
5058	18	40.8	HDPE	0.4	0.45	0.34	0.006
5061	18	44	HDPE	0.4	0.45	0.29	0.004
5063	18	40.8	HDPE	0.4	0.45	0.34	0.006
5066	18	44	HDPE	0.4	0.75	0.49	0.011
5067	18	73.6	HDPE	0.4	5.68	1.34	0.04
5070	18	40.8	HDPE	0.4	0.45	0.34	0.006
5073	18	44	HDPE	0.4	1.2	0.79	0.028
5075	18	44	HDPE	0.4	0.45	0.29	0.004
5078	18	51.4	HDPE	0.4	0.9	0.43	0.007
5080	19	44	HDPE	0.4	0.45	0.29	0.004
5083	19	66	HDPE	0.4	1.05	0.31	0.003
5086	19	73.6	HDPE	0.4	5.23	1.23	0.034
5088	19	55.4	HDPE	0.4	1.2	0.5	0.008
5091	19	44	HDPE	0.4	0.3	0.2	0.002
5093	19	44	HDPE	0.4	0.45	0.29	0.004
5096	19	55.4	HDPE	0.4	1.2	0.5	0.008
5099	19	44	HDPE	0.4	0.45	0.29	0.004
5101	19	44	HDPE	0.4	0.45	0.29	0.004
5103	19	44	HDPE	0.4	-0.45	0.29	0.004
5105	19	44	HDPE	0.4	0.45	0.29	0.004
5108	19	51.4	HDPE	0.4	0.9	0.43	0.007
5113	20	40.8	HDPE	0.4	0.45	0.34	0.006
5116	20	73.6	HDPE	0.4	4.19	0.98	0.022
5119	20	44	HDPE	0.4	-0.45	0.29	0.004
5122	20	40.8	HDPE	0.4	0.45	0.34	0.006
5124	20	44	HDPE	0.4	0.45	0.29	0.004
5125	20	44	HDPE	0.4	0.45	0.29	0.004

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5126	20	44	HDPE	0.4	0.45	0.29	0.004
5128	20	96.8	HDPE	0.4	8.07	1.1	0.019
5130	24	44	HDPE	0.4	0.9	0.59	0.016
5131	20	73.6	HDPE	0.4	5.23	1.23	0.034
5132	20	44	HDPE	0.4	0.45	0.29	0.004
5135	21	44	HDPE	0.4	0.45	0.29	0.004
5136	21	55.4	HDPE	0.4	1.2	0.5	0.008
5138	21	40.8	HDPE	0.4	0.45	0.34	0.006
5141	21	44	HDPE	0.4	0.75	0.49	0.011
5143	21	44	HDPE	0.4	0.75	0.49	0.011
5144	21	44	HDPE	0.4	0.75	0.49	0.011
5145	21	44	HDPE	0.4	0.45	0.29	0.004
5147	21	44	HDPE	0.4	-0.45	0.29	0.004
5150	22	44	HDPE	0.4	0.45	0.29	0.004
5152	22	55.4	HDPE	0.4	1.2	0.5	0.008
5155	22	40.8	HDPE	0.4	0.45	0.34	0.006
5157	23	44	HDPE	0.4	0.45	0.29	0.004
5159	23	44	HDPE	0.4	0.45	0.29	0.004
5161	23	40.8	HDPE	0.4	1.35	1.03	0.052
5163	23	44	HDPE	0.4	0.45	0.29	0.004
5166	23	55.4	HDPE	0.4	0.6	0.25	0.002
5168	23	79.2	HDPE	0.4	2.09	0.42	0.004
5171	23	44	HDPE	0.4	0.9	0.59	0.016
5174	24	40.8	HDPE	0.4	0.3	0.23	0.003
5177	24	96.8	HDPE	0.4	26.99	3.67	0.206
5179	24	96.8	HDPE	0.4	26.99	3.67	0.206
5180	24	79.2	HDPE	0.4	2.09	0.42	0.004
5181	24	44	HDPE	0.4	0.3	0.2	0.002
5184	25	44	HDPE	0.4	0.3	0.2	0.002
5186	25	40.8	HDPE	0.4	0.45	0.34	0.006
5188	25	44	HDPE	0.4	0.45	0.29	0.004
5190	25	40.8	HDPE	0.4	1.35	1.03	0.052
5192	25	55.4	HDPE	0.4	1.35	0.56	0.011
5196	25	44	HDPE	0.4	0.3	0.2	0.002
5198	25	123.4	HDPE	0.4	31.92	2.67	0.08
5201	25	51.4	HDPE	0.4	0.6	0.29	0.003
5204	25	44	HDPE	0.4	0.3	0.2	0.002

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5206	25	40.8	HDPE	0.4	0.45	0.34	0.006
5208	25	44	HDPE	0.4	0.45	0.29	0.004
5210	25	44	HDPE	0.4	0.45	0.29	0.004
5212	25	44	HDPE	0.4	0.3	0.2	0.002
5215	26	96.8	HDPE	0.4	26.54	3.61	0.199
5217	26	96.8	HDPE	0.4	7.77	1.06	0.018
5219	26	40.8	HDPE	0.4	0.45	0.34	0.006
5222	26	79.2	HDPE	0.4	2.09	0.42	0.004
5224	26	44	HDPE	0.4	0.45	0.29	0.004
5226	26	44	HDPE	0.4	0.45	0.29	0.004
5228	26	40.8	HDPE	0.4	0.45	0.34	0.006
5230	26	51.4	HDPE	0.4	0.75	0.36	0.005
5232	26	44	HDPE	0.4	-0.45	0.29	0.004
5233	26	44	HDPE	0.4	0.45	0.29	0.004
5236	26	55.4	HDPE	0.4	1.79	0.74	0.018
5238	26	40.8	HDPE	0.4	0.45	0.34	0.006
5240	27	44	HDPE	0.4	0.45	0.29	0.004
5241	27	96.8	HDPE	0.4	7.33	1	0.016
5243	27	40.8	HDPE	0.4	0.45	0.34	0.006
5244	27	44	HDPE	0.4	0.3	0.2	0.002
5247	27	55.4	HDPE	0.4	1.2	0.5	0.008
5249	27	44	HDPE	0.4	0.3	0.2	0.002
5250	27	44	HDPE	0.4	0.45	0.29	0.004
5252	27	40.8	HDPE	0.4	0.3	0.23	0.003
5254	28	51.4	HDPE	0.4	0.9	0.43	0.007
5256	28	96.8	HDPE	0.4	8.37	1.14	0.02
5257	28	44	HDPE	0.4	0.45	0.29	0.004
5260	28	96.8	HDPE	0.4	28.93	3.93	0.237
5262	28	40.8	HDPE	0.4	0.3	0.23	0.003
5264	28	44	HDPE	0.4	0.75	0.49	0.011
5266	28	73.6	HDPE	0.4	4.19	0.98	0.022
5268	28	44	HDPE	0.4	0.9	0.59	0.016
5270	28	44	HDPE	0.4	0.9	0.59	0.016
5272	28	40.8	HDPE	0.4	0.45	0.34	0.006
5274	28	51.4	HDPE	0.4	1.05	0.5	0.01
5277	28	44	HDPE	0.4	0.45	0.29	0.004
5279	28	44	HDPE	0.4	0.45	0.29	0.004

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5281	28	55.4	HDPE	0.4	1.2	0.5	0.008
5282	29	66	HDPE	0.4	1.05	0.31	0.003
5284	29	44	HDPE	0.4	-0.45	0.29	0.004
5286	29	55.4	HDPE	0.4	1.79	0.74	0.018
5287	29	40.8	HDPE	0.4	0.45	0.34	0.006
5288	29	44	HDPE	0.4	0.75	0.49	0.011
5289	29	44	HDPE	0.4	0.9	0.59	0.016
5290	29	40.8	HDPE	0.4	0.45	0.34	0.006
5292	29	96.8	HDPE	0.4	28.93	3.93	0.237
5293	29	51.4	HDPE	0.4	1.64	0.79	0.023
5295	27	66	HDPE	0.4	0.9	0.26	0.002
5298	29	51.4	HDPE	0.4	0.9	0.43	0.007
5301	30	123.4	HDPE	0.4	31.92	2.67	0.08
5302	30	44	HDPE	0.4	0.45	0.29	0.004
5303	30	40.8	HDPE	0.4	0.45	0.34	0.006
5305	30	44	HDPE	0.4	0.6	0.39	0.007
5307	30	40.8	HDPE	0.4	0.3	0.23	0.003
5309	30	96.8	HDPE	0.4	10.76	1.46	0.033
5312	30	44	HDPE	0.4	0.3	0.2	0.002
5314	31	55.4	HDPE	0.4	1.35	0.56	0.011
5315	31	40.8	HDPE	0.4	0.45	0.34	0.006
5317	31	66	HDPE	0.4	1.05	0.31	0.003
5319	31	40.8	HDPE	0.4	0.45	0.34	0.006
5321	33	66	HDPE	0.4	0.9	0.26	0.002
5322	32	44	HDPE	0.4	-0.45	0.29	0.004
5323	32	51.4	HDPE	0.4	0.9	0.43	0.007
5325	32	96.8	HDPE	0.4	10.76	1.46	0.033
5327	32	44	HDPE	0.4	0.3	0.2	0.002
5329	32	44	HDPE	0.4	0.45	0.29	0.004
5331	32	40.8	HDPE	0.4	0.45	0.34	0.006
5333	32	44	HDPE	0.4	0.45	0.29	0.004
5335	33	40.8	HDPE	0.4	0.45	0.34	0.006
5337	33	44	HDPE	0.4	0.3	0.2	0.002
5338	33	44	HDPE	0.4	0.3	0.2	0.002
5340	33	40.8	HDPE	0.4	0.45	0.34	0.006
5342	33	40.8	HDPE	0.4	0.3	0.23	0.003
5344	33	44	HDPE	0.4	0.45	0.29	0.004

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5347	33	44	HDPE	0.4	0.3	0.2	0.002
5350	33	44	HDPE	0.4	0.45	0.29	0.004
5351	34	51.4	HDPE	0.4	0.9	0.43	0.007
5352	34	40.8	HDPE	0.4	0.45	0.34	0.006
5354	34	79.2	HDPE	0.4	2.09	0.42	0.004
5355	34	44	HDPE	0.4	0.3	0.2	0.002
5356	34	55.4	HDPE	0.4	1.2	0.5	0.008
5357	34	73.6	HDPE	0.4	4.19	0.98	0.022
5359	34	66	HDPE	0.4	0.9	0.26	0.002
5360	34	44	HDPE	0.4	0.45	0.29	0.004
5362	35	123.4	HDPE	0.4	33.42	2.79	0.088
5363	35	123.4	HDPE	0.4	34.17	2.86	0.092
5365	35	44	HDPE	0.4	0.45	0.29	0.004
5367	35	79.2	HDPE	0.4	2.09	0.42	0.004
5369	35	96.8	HDPE	0.4	26.54	3.61	0.199
5370	35	44	HDPE	0.4	0.45	0.29	0.004
5371	35	44	HDPE	0.4	0.9	0.59	0.016
5372	36	40.8	HDPE	0.4	0.45	0.34	0.006
5373	36	44	HDPE	0.4	0.45	0.29	0.004
5376	36	79.2	HDPE	0.4	1.64	0.33	0.002
5378	36	51.4	HDPE	0.4	1.05	0.5	0.01
5381	36	44	HDPE	0.4	0.45	0.29	0.004
5382	36	44	HDPE	0.4	0.45	0.29	0.004
5383	36	40.8	HDPE	0.4	0.45	0.34	0.006
5386	36	51.4	HDPE	0.4	1.05	0.5	0.01
5387	36	79.2	HDPE	0.4	1.64	0.33	0.002
5389	36	44	HDPE	0.4	0.75	0.49	0.011
5390	36	44	HDPE	0.4	0.45	0.29	0.004
5391	37	79.2	HDPE	0.4	1.64	0.33	0.002
5392	37	44	HDPE	0.4	0.45	0.29	0.004
5394	37	44	HDPE	0.4	0.45	0.29	0.004
5395	37	44	HDPE	0.4	0.45	0.29	0.004
5396	37	44	HDPE	0.4	0.45	0.29	0.004
5397	38	96.8	HDPE	0.4	8.97	1.22	0.023
5398	38	51.4	HDPE	0.4	0.6	0.29	0.003
5400	38	55.4	HDPE	0.4	1.2	0.5	0.008
5402	38	51.4	HDPE	0.4	1.05	0.5	0.01

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5403	39	123.4	HDPE	0.4	31.92	2.67	0.08
5404	39	44	HDPE	0.4	0.3	0.2	0.002
5406	39	55.4	HDPE	0.4	1.2	0.5	0.008
5407	39	44	HDPE	0.4	0.45	0.29	0.004
5409	39	44	HDPE	0.4	0.45	0.29	0.004
5411	40	44	HDPE	0.4	0.45	0.29	0.004
5413	40	44	HDPE	0.4	0.3	0.2	0.002
5415	40	40.8	HDPE	0.4	0.3	0.23	0.003
5417	40	44	HDPE	0.4	0.45	0.29	0.004
5419	41	73.6	HDPE	0.4	3.59	0.84	0.016
5420	41	55.4	HDPE	0.4	1.2	0.5	0.008
5421	41	44	HDPE	0.4	0.45	0.29	0.004
5422	42	51.4	HDPE	0.4	0.9	0.43	0.007
5423	42	73.6	HDPE	0.4	5.23	1.23	0.034
5424	42	44	HDPE	0.4	0.3	0.2	0.002
5426	42	40.8	HDPE	0.4	0.45	0.34	0.006
5429	42	73.6	HDPE	0.4	5.68	1.34	0.04
5430	42	73.6	HDPE	0.4	3.59	0.84	0.016
5431	43	51.4	HDPE	0.4	0.6	0.29	0.003
5433	43	96.8	HDPE	0.4	10.76	1.46	0.033
5436	43	51.4	HDPE	0.4	0.6	0.29	0.003
5437	43	51.4	HDPE	0.4	0.75	0.36	0.005
5438	43	66	HDPE	0.4	1.05	0.31	0.003
5439	44	66	HDPE	0.4	1.05	0.31	0.003
5440	44	40.8	HDPE	0.4	0.45	0.34	0.006
5441	45	40.8	HDPE	0.4	0.3	0.23	0.003
5442	48	51.4	HDPE	0.4	0.9	0.43	0.007
5443	48	96.8	HDPE	0.4	9.87	1.34	0.028
5444	49	40.8	HDPE	0.4	0.45	0.34	0.006
5445	49	44	HDPE	0.4	0.6	0.39	0.007
5446	49	123.4	HDPE	0.4	33.87	2.83	0.09
5448	50	44	HDPE	0.4	0.45	0.29	0.004
5449	50	40.8	HDPE	0.4	0.45	0.34	0.006
5450	51	96.8	HDPE	0.4	7.77	1.06	0.018
5452	51	96.8	HDPE	0.4	10.76	1.46	0.033
5453	51	96.8	HDPE	0.4	10.76	1.46	0.033
5455	51	96.8	HDPE	0.4	7.77	1.06	0.018

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5459	53	44	HDPE	0.4	0.45	0.29	0.004
5460	54	40.8	HDPE	0.4	0.45	0.34	0.006
5461	54	44	HDPE	0.4	0.45	0.29	0.004
5462	55	96.8	HDPE	0.4	10.32	1.4	0.031
5463	55	96.8	HDPE	0.4	10.76	1.46	0.033
5464	57	44	HDPE	0.4	0.3	0.2	0.002
5466	58	44	HDPE	0.4	0.45	0.29	0.004
5468	60	51.4	HDPE	0.4	1.05	0.5	0.01
5469	60	96.8	HDPE	0.4	7.77	1.06	0.018
5470	64	55.4	HDPE	0.4	1.2	0.5	0.008
5471	64	96.8	HDPE	0.4	10.76	1.46	0.033
5472	65	73.6	HDPE	0.4	4.19	0.98	0.022
5473	69	51.4	HDPE	0.4	0.6	0.29	0.003
5475	71	40.8	HDPE	0.4	0.45	0.34	0.006
5476	81	51.4	HDPE	0.4	0.6	0.29	0.003
5477	88	44	HDPE	0.4	0.45	0.29	0.004
5479	10	44	HDPE	0.4	0.3	0.2	0.002
5482	10	40.8	HDPE	0.4	0.3	0.23	0.003
5485	10	40.8	HDPE	0.4	1.05	0.8	0.032
5488	10	40.8	HDPE	0.4	0.3	0.23	0.003
5491	10	40.8	HDPE	0.4	1.2	0.91	0.041
5494	11	73.6	HDPE	0.4	5.68	1.34	0.04
5497	11	40.8	HDPE	0.4	1.05	0.8	0.032
5500	13	44	HDPE	0.4	0.3	0.2	0.002
5503	14	55.4	HDPE	0.4	1.64	0.68	0.016
5506	14	73.6	HDPE	0.4	5.68	1.34	0.04
5508	15	40.8	HDPE	0.4	0.45	0.34	0.006
5514	16	40.8	HDPE	0.4	0.45	0.34	0.006
5517	16	40.8	HDPE	0.4	0.45	0.34	0.006
5519	16	40.8	HDPE	0.4	0.3	0.23	0.003
5522	16	51.4	HDPE	0.4	1.64	0.79	0.023
5525	16	40.8	HDPE	0.4	0.9	0.69	0.024
5527	17	55.4	HDPE	0.4	1.64	0.68	0.016
5529	17	40.8	HDPE	0.4	1.94	1.49	0.108
5532	17	44	HDPE	0.4	0.3	0.2	0.002
5535	17	40.8	HDPE	0.4	0.45	0.34	0.006
5537	18	96.8	HDPE	0.4	8.67	1.18	0.022

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5540	18	40.8	HDPE	0.4	1.2	0.91	0.041
5543	18	44	HDPE	0.4	0.3	0.2	0.002
5545	18	40.8	HDPE	0.4	0.45	0.34	0.006
5547	18	40.8	HDPE	0.4	0.45	0.34	0.006
5549	18	40.8	HDPE	0.4	1.2	0.91	0.041
5551	19	40.8	HDPE	0.4	1.2	0.91	0.041
5553	19	55.4	HDPE	0.4	1.64	0.68	0.016
5555	19	40.8	HDPE	0.4	0.3	0.23	0.003
5558	20	40.8	HDPE	0.4	0.45	0.34	0.006
5561	20	40.8	HDPE	0.4	0.3	0.23	0.003
5564	20	73.6	HDPE	0.4	5.68	1.34	0.04
5567	20	40.8	HDPE	0.4	1.2	0.91	0.041
5569	20	73.6	HDPE	0.4	5.68	1.34	0.04
5571	21	44	HDPE	0.4	0.3	0.2	0.002
5573	21	40.8	HDPE	0.4	0.9	0.69	0.024
5574	21	40.8	HDPE	0.4	1.2	0.91	0.041
5576	21	40.8	HDPE	0.4	1.35	1.03	0.052
5579	21	40.8	HDPE	0.4	0.45	0.34	0.006
5581	21	40.8	HDPE	0.4	0.45	0.34	0.006
5583	25	96.8	HDPE	0.4	8.37	1.14	0.02
5585	22	51.4	HDPE	0.4	1.94	0.94	0.032
5588	22	40.8	HDPE	0.4	1.05	0.8	0.032
5591	22	51.4	HDPE	0.4	2.39	1.15	0.048
5593	22	40.8	HDPE	0.4	0.3	0.23	0.003
5595	22	40.8	HDPE	0.4	0.9	0.69	0.024
5598	22	51.4	HDPE	0.4	2.69	1.3	0.06
5601	22	73.6	HDPE	0.4	4.04	0.95	0.02
5603	22	73.6	HDPE	0.4	5.68	1.34	0.04
5605	23	40.8	HDPE	0.4	0.45	0.34	0.006
5607	24	40.8	HDPE	0.4	0.45	0.34	0.006
5609	24	40.8	HDPE	0.4	1.05	0.8	0.032
5610	24	73.6	HDPE	0.4	5.68	1.34	0.04
5612	24	44	HDPE	0.4	0.3	0.2	0.002
5615	25	40.8	HDPE	0.4	0.3	0.23	0.003
5618	25	40.8	HDPE	0.4	0.3	0.23	0.003
5620	25	96.8	HDPE	0.4	8.67	1.18	0.022
5621	25	55.4	HDPE	0.4	2.24	0.93	0.029

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5623	25	40.8	HDPE	0.4	0.9	0.69	0.024
5625	26	73.6	HDPE	0.4	5.68	1.34	0.04
5627	26	55.4	HDPE	0.4	2.24	0.93	0.029
5629	27	40.8	HDPE	0.4	0.3	0.23	0.003
5631	27	73.6	HDPE	0.4	5.68	1.34	0.04
5634	27	40.8	HDPE	0.4	0.3	0.23	0.003
5636	27	55.4	HDPE	0.4	1.64	0.68	0.016
5638	27	40.8	HDPE	0.4	1.5	1.14	0.064
5641	28	40.8	HDPE	0.4	0.45	0.34	0.006
5643	28	73.6	HDPE	0.4	5.68	1.34	0.04
5645	28	51.4	HDPE	0.4	1.64	0.79	0.023
5646	28	40.8	HDPE	0.4	0.3	0.23	0.003
5648	28	44	HDPE	0.4	0.3	0.2	0.002
5652	28	73.6	HDPE	0.4	5.68	1.34	0.04
5654	29	40.8	HDPE	0.4	0.45	0.34	0.006
5657	29	40.8	HDPE	0.4	0.45	0.34	0.006
5659	29	44	HDPE	0.4	0.3	0.2	0.002
5660	29	55.4	HDPE	0.4	1.64	0.68	0.016
5662	29	40.8	HDPE	0.4	1.2	0.91	0.041
5663	30	40.8	HDPE	0.4	0.45	0.34	0.006
5665	30	51.4	HDPE	0.4	1.94	0.94	0.032
5667	30	73.6	HDPE	0.4	5.68	1.34	0.04
5669	31	51.4	HDPE	0.4	1.94	0.94	0.032
5670	31	73.6	HDPE	0.4	5.68	1.34	0.04
5672	31	40.8	HDPE	0.4	0.3	0.23	0.003
5674	32	40.8	HDPE	0.4	1.35	1.03	0.052
5676	32	51.4	HDPE	0.4	2.39	1.15	0.048
5678	32	73.6	HDPE	0.4	5.68	1.34	0.04
5679	33	40.8	HDPE	0.4	0.3	0.23	0.003
5680	33	40.8	HDPE	0.4	0.45	0.34	0.006
5682	34	40.8	HDPE	0.4	0.3	0.23	0.003
5684	34	40.8	HDPE	0.4	0.3	0.23	0.003
5686	34	40.8	HDPE	0.4	0.45	0.34	0.006
5688	34	40.8	HDPE	0.4	1.2	0.91	0.041
5689	34	40.8	HDPE	0.4	1.94	1.49	0.108
5690	35	51.4	HDPE	0.4	1.64	0.79	0.023
5693	35	40.8	HDPE	0.4	0.3	0.23	0.003

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5694	35	44	HDPE	0.4	0.45	0.29	0.004
5697	36	40.8	HDPE	0.4	1.05	0.8	0.032
5698	36	51.4	HDPE	0.4	1.35	0.65	0.016
5701	36	40.8	HDPE	0.4	0.45	0.34	0.006
5702	37	51.4	HDPE	0.4	1.35	0.65	0.016
5703	38	55.4	HDPE	0.4	1.64	0.68	0.016
5705	39	73.6	HDPE	0.4	5.68	1.34	0.04
5707	39	44	HDPE	0.4	0.3	0.2	0.002
5708	39	79.2	HDPE	0.4	6.13	1.24	0.032
5711	39	40.8	HDPE	0.4	0.45	0.34	0.006
5713	40	51.4	HDPE	0.4	1.64	0.79	0.023
5714	41	96.8	HDPE	0.4	8.67	1.18	0.022
5716	41	96.8	HDPE	0.4	8.67	1.18	0.022
5718	42	73.6	HDPE	0.4	5.68	1.34	0.04
5719	42	44	HDPE	0.4	0.3	0.2	0.002
5721	42	51.4	HDPE	0.4	2.39	1.15	0.048
5723	42	40.8	HDPE	0.4	1.05	0.8	0.032
5724	44	51.4	HDPE	0.4	2.39	1.15	0.048
5725	44	40.8	HDPE	0.4	0.3	0.23	0.003
5726	46	40.8	HDPE	0.4	1.35	1.03	0.052
5728	47	40.8	HDPE	0.4	1.35	1.03	0.052
5730	47	40.8	HDPE	0.4	0.3	0.23	0.003
5732	48	40.8	HDPE	0.4	0.75	0.57	0.017
5733	49	40.8	HDPE	0.4	0.45	0.34	0.006
5734	50	51.4	HDPE	0.4	1.35	0.65	0.016
5735	50	44	HDPE	0.4	0.45	0.29	0.004
5736	50	79.2	HDPE	0.4	6.13	1.24	0.032
5737	51	73.6	HDPE	0.4	5.68	1.34	0.04
5739	51	40.8	HDPE	0.4	0.9	0.69	0.024
5740	51	40.8	HDPE	0.4	1.05	0.8	0.032
5741	51	73.6	HDPE	0.4	5.68	1.34	0.04
5743	52	73.6	HDPE	0.4	5.68	1.34	0.04
5745	54	73.6	HDPE	0.4	5.68	1.34	0.04
5747	56	79.2	HDPE	0.4	5.68	1.15	0.027
5748	58	51.4	HDPE	0.4	1.64	0.79	0.023
5749	60	73.6	HDPE	0.4	5.68	1.34	0.04
5750	61	96.8	HDPE	0.4	8.67	1.18	0.022

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

ID	Length (m)	Diameter (mm)	Material	Darcy-Weisbach e (mm)	Flow (L/s)	Velocity (m/s)	Headloss Gradient (m/km)
LINJAT E RRJETIT SHPERNDARES							
5751	62	44	HDPE	0.4	0.3	0.2	0.002
5753	62	44	HDPE	0.4	0.6	0.39	0.007
5754	64	40.8	HDPE	0.4	0.3	0.23	0.003
5756	71	55.4	HDPE	0.4	1.64	0.68	0.016
5757	81	96.8	HDPE	0.4	8.37	1.14	0.02
5764	33	40.8	HDPE	0.4	0.9	0.69	0.024
5765	10	40.8	HDPE	0.4	0.3	0.23	0.003
5767	43	123.4	HDPE	0.4	34.17	2.86	0.092
5768	8	123.4	HDPE	0.4	33.87	2.83	0.09
5769	7	44	HDPE	0.4	-0.3	0.2	0.002
5771	13	40.8	HDPE	0.4	-0.45	0.34	0.006
5772	12	40.8	HDPE	0.4	-0.45	0.34	0.006
5774	25	44	HDPE	0.4	0.9	0.59	0.016
5775	28	44	HDPE	0.4	0.9	0.59	0.016
5861	26	44	HDPE	0.4	-0.75	0.49	0.011
5863	7	55.4	HDPE	0.4	-1.94	0.81	0.022
5869	16	55.4	HDPE	0.4	-1.94	0.81	0.022
5872	35	55.4	HDPE	0.4	-1.94	0.81	0.022
5874	26	55.4	HDPE	0.4	-1.94	0.81	0.022
5877	14	55.4	HDPE	0.4	-1.94	0.81	0.022
5879	25	55.4	HDPE	0.4	-1.94	0.81	0.022
5882	21	55.4	HDPE	0.4	-1.2	0.5	0.008
5884	25	55.4	HDPE	0.4	-1.2	0.5	0.008
5885	7	55.4	HDPE	0.4	-1.2	0.5	0.008
5910	26	55.4	HDPE	0.4	-1.94	0.81	0.022

1.1.4 Tabela e Nyjeve – Ujesjellesi PICAR & KOLONJE_HYD. Wtg

Iventari i Nyjeve – UJESJELLES I PICAR, KOLONJE / GJIROKASTER				
Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2648	277.08	0	380.5	103.21
J-2649	277.18	0.3	380.43	103.05
J-2674	277.91	0	380.58	102.47
J-2677	279.09	0	380.72	101.42
J-2579	281.2	0	380.86	99.47
J-2578	283.82	0	380.94	96.92
J-2684	284.04	0.3	380.47	96.24
J-2609	285.65	0.3	381.89	96.05
J-2604	286.37	0	381.97	95.41
J-2565	287.03	0	382.05	94.83
J-2686	288.62	0	381.21	92.4
J-2564	290.15	0	382.12	91.79
J-2544	291.27	0	382.43	90.98
J-2645	291.54	0	382.25	90.53
J-2665	291.81	0	381.44	89.44
J-2629	292.02	0	382.34	90.15
J-2662	293.66	0.45	374.73	80.91
J-2594	293.68	0	382.65	88.79
J-2545	293.9	0	382.3	88.23
J-2490	296.25	0	382.78	86.35
J-2449	296.72	0	382.12	85.23
J-2611	298.03	0	383.72	85.52
J-2672	298.32	0.3	382.75	84.27
J-2489	298.6	0	382.87	84.1
J-2408	298.86	0	381.56	82.54
J-2651	299.21	0	382.3	82.92
J-2450	299.76	0	382.04	82.12
J-2617	300.12	0	388.96	88.66
J-2524	300.47	0	389.08	88.43
J-2535	300.48	0	384.33	83.69
J-2501	300.68	0	389.16	88.3
J-2593	301.15	0	378.55	77.24
J-2575	301.25	0.3	389.19	87.76
J-2616	301.63	0	383.23	81.44
J-2742	302.11	0	422.94	120.59
J-2492	302.18	0	389.24	86.89

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H2O)
J-2615	302.43	0	383.5	80.91
J-2659	302.53	0	384.42	81.73
J-2660	302.56	0	384.08	81.35
J-2534	302.64	0	384.76	81.96
J-2661	302.64	0	374.96	72.17
J-2741	302.71	0	423.73	120.77
J-2784	302.85	0	424.83	121.73
J-2626	302.93	0	389.39	86.29
J-2625	302.95	0	389.6	86.48
J-2491	303.79	0	389.43	85.47
J-2795	304.33	0	420.14	115.58
J-2763	304.58	0	418.93	114.11
J-2486	304.85	0	386.18	81.17
J-2636	305	0	389.17	84
J-2762	305.07	0	418.03	112.74
J-2409	305.07	0	381.38	76.15
J-2614	305.1	0.45	378.37	73.13
J-2796	305.35	0	426.12	120.53
J-2485	305.36	0	386.77	81.25
J-2761	305.43	0	416.23	110.58
J-2516	305.61	0	387.4	81.63
J-2716	305.66	0	417.39	111.51
J-2622	305.75	0	389.84	83.92
J-2760	305.77	0	417.58	111.58
J-2788	305.95	0	421.81	115.63
J-2413	306.18	0	380.53	74.21
J-2818	306.3	0	414.21	107.69
J-2717	306.31	0	417.02	110.48
J-2412	306.46	0	380.72	74.11
J-2570	307.56	0	378.71	71.01
J-2804	308.4	0	415.7	107.08
J-2511	308.66	0	388.83	80
J-2808	308.67	0	416.8	107.92
J-2805	309.3	0	414.9	105.38
J-2769	309.33	0	416.11	106.56
J-2778	309.68	0	427.36	117.44
J-2770	309.92	0.3	416.03	105.9
J-2436	309.97	0	388.69	78.56

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2432	310.07	0	388.75	78.52
J-2599	310.28	0	390.51	80.07
J-2419	310.3	0	381.74	71.3
J-2420	310.68	0	381.66	70.84
J-2433	311.11	0.45	388.7	77.43
J-2437	311.25	0	388.6	77.2
J-2777	311.61	0	428.44	116.59
J-2469	311.64	0	381.56	69.78
J-2588	311.72	0	390.93	79.05
J-2455	312.06	0	380.3	68.1
J-2633	312.13	0	387.73	75.45
J-2627	312.18	0	390.2	77.87
J-2470	312.26	0	381.46	69.05
J-2589	312.26	0	390.77	78.35
J-2809	312.27	0	416.24	103.76
J-2598	312.3	0	387.92	75.47
J-2533	312.72	0	374.7	61.85
J-2799	312.91	0	412.11	99
J-2538	313.68	0	390.6	76.76
J-2397	314.1	0	378.87	64.63
J-2500	314.42	0.45	381.19	66.64
J-2738	314.42	0.45	434.2	119.54
J-2829	314.76	0	381.38	66.49
J-2605	314.87	0	388.41	73.39
J-2642	314.91	0.45	390	74.94
J-2499	314.91	0	381.3	66.25
J-2504	314.94	0	388.82	73.73
J-2457	315.27	0	390.48	75.06
J-2737	315.85	0	434.32	118.24
J-2743	315.95	0	413.12	96.97
J-2396	316.13	0	378.93	62.67
J-2458	316.65	0	390.39	73.59
J-2635	316.7	0	375.02	58.2
J-2532	316.77	0	374.82	57.94
J-2746	316.93	0.45	413.98	96.85
J-2573	316.95	0.45	379.61	62.54
J-2472	317.05	0	375.29	58.13
J-2750	317.13	0	434.46	117.09

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H2O)
J-2683	317.19	0	391.83	74.49
J-2824	317.27	0	430.52	113.02
J-2697	317.63	0	411.86	94.04
J-2694	317.81	0	415.58	97.58
J-2505	318.04	0	388.09	69.91
J-2785	318.27	0	415.66	97.19
J-2696	318.47	0	412.3	93.64
J-2471	318.52	0	375.67	57.04
J-2695	318.87	0.3	415.55	96.49
J-2597	318.93	0	379.08	60.04
J-2756	319.44	0	410.57	90.95
J-2529	319.5	0	388.11	68.47
J-2498	319.65	0.45	376.1	56.34
J-2483	319.82	0	387.5	67.55
J-2685	320.26	0.45	387.49	67.1
J-2574	320.48	0	379.35	58.75
J-2764	320.54	0	434.6	113.83
J-2400	320.65	0.45	379.02	58.26
J-2572	320.69	0	378.6	57.79
J-2530	321.29	0.45	387.97	66.55
J-2732	321.33	0	411.1	89.59
J-2783	321.61	0	434.43	112.6
J-2650	321.75	0.45	374.49	52.64
J-2556	321.79	0	377.3	55.4
J-2484	321.91	0	387.43	65.39
J-2773	321.94	0	435.2	113.03
J-2752	322.18	0.45	409.52	87.17
J-2733	322.26	0	410.32	87.89
J-2753	322.87	0	408.83	85.79
J-2823	322.87	0	432.91	109.81
J-2681	322.95	0	392.9	69.81
J-2401	323.85	0	378.96	55
J-2754	324.4	0	414.04	89.46
J-2765	324.47	0	434.2	109.51
J-2596	324.6	0	387.74	63.01
J-2595	325.26	0	387.85	62.46
J-2749	325.48	0	434.06	108.36
J-2720	325.48	0	406.88	81.23

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H2O)
J-2644	326.36	0.45	378.21	51.75
J-2820	326.77	0.45	436.4	109.41
J-2727	326.94	0	409.1	81.99
J-2587	327.59	0	393.79	66.06
J-2774	327.65	0	434.94	107.08
J-2794	328	0	407.85	79.69
J-2621	328.94	0	378.42	49.37
J-2581	329.3	0	378.74	49.34
J-2507	329.39	0.45	378.47	48.98
J-2721	329.4	0	405.08	75.53
J-2755	329.45	0	413.34	83.73
J-2456	330.13	0	394.24	63.98
J-2730	330.15	0	433.93	103.57
J-2706	330.16	0	435.96	105.59
J-2506	330.34	0	378.58	48.15
J-2819	331.73	0	438.84	106.89
J-2692	331.8	0	412.58	80.62
J-2405	331.93	0	394.49	62.44
J-2699	332.01	0	436.53	104.31
J-2404	332.07	0	394.7	62.51
J-2698	332.15	0	436.96	104.6
J-2728	332.65	0	408.34	75.54
J-2711	333.67	0	433.81	99.94
J-2567	334.03	0	394.44	60.29
J-2693	334.18	0	412.26	77.92
J-2757	334.45	0.3	408.28	73.69
J-2781	334.59	0.45	401.4	66.68
J-2744	334.62	0	437.76	102.94
J-2540	334.68	0	395.08	60.28
J-2568	335.91	0.3	394.39	58.36
J-2687	336.34	0.45	387.06	50.62
J-2802	336.91	0.3	399.55	62.51
J-2782	337.13	0	399.65	62.39
J-2444	337.39	0	395.6	58.09
J-2766	337.57	0	438.72	100.95
J-2445	337.59	0.6	395.56	57.86
J-2718	337.62	0	407.86	70.1
J-2559	337.93	0	395.65	57.6

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2410	337.96	0	395.02	56.94
J-2700	338.74	0	411.12	72.23
J-2712	339.1	0	433.72	94.43
J-2411	339.37	0	395	55.51
J-2803	340.06	0.45	407.16	66.97
J-2708	340.3	0	407.38	66.94
J-2416	341.04	0.3	394.97	53.82
J-2701	341.82	0	410.77	68.81
J-2798	342.29	0	441.22	98.73
J-2797	342.74	0.3	398.14	55.29
J-2735	342.76	0	443.79	100.82
J-2707	342.81	0	407.47	64.52
J-2771	343.41	0	443.86	100.25
J-2811	343.69	0	440.26	96.37
J-2748	343.76	0	442.87	98.9
J-2613	343.91	0	396.52	52.51
J-2758	344.71	0	398.23	53.41
J-2352	344.81	0	505.23	160.1
J-2583	344.92	0.45	394.8	49.77
J-2713	345.13	0	433.62	88.31
J-2392	345.34	0	394.58	49.14
J-2582	345.52	0	394.69	49.07
J-2612	345.61	0	396.08	50.36
J-2736	345.91	0	443.74	97.63
J-2563	346.13	0	395.25	49.02
J-2562	346.37	0	395.63	49.16
J-2393	346.72	0	394.54	47.72
J-2354	347.09	0	505.75	158.34
J-2747	348.61	0	443.96	95.16
J-2791	348.78	0	407.29	58.39
J-2739	349.19	0	409.41	60.1
J-2724	349.6	0.45	433.51	83.75
J-2759	349.76	0	397.7	47.85
J-2547	351.87	0	394.45	42.5
J-2355	352.64	0	506.4	153.45
J-2510	353.84	0	397.81	43.88
J-2821	353.9	0.3	443.6	89.52
J-2740	353.92	0	409.35	55.32

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2353	354.02	0	504.72	150.39
J-2521	354.07	0	397.65	43.49
J-2520	354.28	0	397.73	43.36
J-2509	354.59	0	397.89	43.21
J-2822	355.12	0	442.28	86.99
J-2792	356.45	0	444.41	87.78
J-2690	356.68	0	408.62	51.83
J-2793	356.83	0	407.1	50.17
J-2714	357.52	0	396.82	39.21
J-2592	357.63	0	394.34	36.64
J-2641	357.96	0.45	394.21	36.18
J-2715	358.25	0.3	396.77	38.44
J-2801	360.07	0	396.91	36.77
J-2731	360.27	0	408.5	48.14
J-2691	360.6	0	408.59	47.89
J-2654	361.2	0	397.5	36.23
J-2786	361.33	0	396.81	35.41
J-2351	361.96	0	506.93	144.68
J-2825	362.67	0	444.42	81.59
J-2525	362.92	0	399.58	36.59
J-2779	363.01	0.3	408.51	45.41
J-2339	363.36	0	510.54	146.89
J-2340	363.44	0	510.19	146.46
J-2710	363.82	0	396.88	33
J-2810	364.23	0	445	80.61
J-2344	364.39	0	509.79	145.11
J-2463	366.57	0	399.5	32.87
J-2365	366.77	0	503.79	136.74
J-2668	367.77	0.45	397.34	29.51
J-2814	367.79	0.45	406.86	38.98
J-2358	368.13	0	509.2	140.79
J-2776	368.16	0.3	396.81	28.59
J-2464	369.02	0.45	399.44	30.35
J-2347	371.34	0	511.16	139.53
J-2338	371.87	0	500.48	128.35
J-2787	371.9	0.3	396.76	24.8
J-2827	372.52	0.3	409.17	36.58
J-2326	372.89	0	507.43	134.27

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2800	373.56	0	408.2	34.57
J-2679	374.52	0	401.28	26.7
J-2359	375.28	0	499.83	124.3
J-2343	375.49	0	511.58	135.82
J-2813	375.67	0	445.95	70.14
J-2342	376.1	0	511.97	135.59
J-2313	376.21	0	512.74	136.26
J-2324	376.35	0	512.44	135.81
J-2780	377.06	0	446.11	68.91
J-2336	377.78	0	500.83	122.8
J-2806	378.38	0	445.74	67.22
J-2325	378.77	0	507.75	128.72
J-2328	379.06	0	508.06	128.74
J-2360	379.48	0	499.23	119.51
J-2807	380.11	0.45	445.59	65.35
J-2335	382.77	0	501.18	118.16
J-2341	383.01	0	497.82	114.59
J-2306	383.04	0	513.01	129.7
J-2678	383.71	0	402.71	18.96
J-2812	384.28	0	447.19	62.78
J-2348	384.43	0	498.28	113.62
J-2366	384.44	0	502.88	118.2
J-2305	384.52	0	513.26	128.48
J-2734	385.26	0	446.53	61.15
J-2790	385.64	0.45	407.81	22.13
J-2295	386.92	0	513.51	126.34
J-2789	387.73	0	407.99	20.22
J-2719	387.76	0	446.83	58.95
J-2294	388.68	0	513.73	124.8
J-2332	390.19	0	514.13	123.68
J-2705	390.97	0	447.09	56.01
J-2364	391.51	0	501.86	110.13
J-2331	392.34	0	514.46	121.87
J-2310	392.4	0	497.45	104.84
J-2775	393.69	0	448.78	54.98
J-2682	393.87	0	404.4	10.51
J-2637	393.97	0	408.31	14.31
J-2772	394.47	0	448.03	53.45

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H2O)
J-2631	394.66	0	406.25	11.56
J-2704	394.92	0	447.31	52.28
J-2311	395	0	497.2	101.99
J-2318	395.83	0	514.85	118.78
J-2630	396.06	0	407.25	11.17
J-2312	399.69	0	515.14	115.21
J-2300	399.73	0	515.4	115.43
J-2767	400.63	0	446.85	46.13
J-2768	400.7	0	446.81	46.02
J-2722	401.63	0	446.75	45.03
J-2831	401.82	0	496.8	94.79
J-2723	402.68	0	446.72	43.95
J-2247	402.94	0	496.55	93.43
J-2299	404.72	0	515.62	110.67
J-2261	406.19	0	496.27	89.89
J-2702	410.63	0	446.78	36.07
J-2817	410.8	0.3	446.63	35.77
J-2361	410.9	0	516.24	105.13
J-2290	412.9	0	495.59	82.53
J-2751	413.25	0	450.43	37.1
J-2826	413.32	0.3	450.77	37.37
J-2259	413.63	0	494.91	81.12
J-2703	413.92	0	446.75	32.77
J-2301	414.46	0	494.48	79.86
J-2258	414.66	0	495.19	80.38
J-2688	418.09	0	450.95	32.79
J-2729	418.54	0	450.89	32.28
J-2689	418.81	0	450.93	32.05
J-2745	419.98	0.3	446.71	26.68
J-2726	422.52	0	451.5	28.92
J-2363	424.72	0	516.9	92
J-2725	426.32	0	451.88	25.51
J-2362	427.1	0	517.53	90.25
J-2333	427.21	0	493.59	66.25
J-2815	436.43	0	452.78	16.32
J-2334	436.98	0	492.96	55.87
J-2357	437.26	0	518.46	81.03
J-2816	445.78	0	453.68	7.88

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H2O)
J-2337	446.03	0	492.32	46.19
J-2349	448.92	0	518.86	69.8
J-2308	458.37	0	519.18	60.68
J-2307	465.39	0	519.35	53.86
J-2451	470.43	0	578.78	108.13
J-2452	471.25	0	578.69	107.23
J-2640	472.49	0.45	578.49	105.79
J-2316	473.27	0	519.58	46.22
J-2676	476.01	0	579.22	103
J-2293	479.14	0	519.78	40.56
J-2675	481.59	0	579.48	97.69
J-2292	485.22	0	519.93	34.64
J-2553	492.03	0	579.79	87.59
J-2834	492.03	0	520.13	28.04
J-2503	497.7	0	579.93	82.06
J-2249	497.93	0	520.25	22.28
J-2479	498.09	0	579.81	81.55
J-2480	498.39	0	579.61	81.06
J-2502	499.33	0	580.04	80.55
J-2248	499.4	0	520.35	20.91
J-2475	500.04	0	579.42	79.21
J-2543	501.27	0	580.22	78.79
J-2476	501.35	0	579.24	77.73
J-2268	501.4	0	520.46	19.02
J-2461	501.41	0	578.65	77.09
J-2673	502.02	0.45	581.69	79.51
J-2610	502.3	0.3	578.92	76.47
J-2430	504.22	0	578.77	74.4
J-2431	505.1	0	578.72	73.47
J-2539	506.3	0	578.57	72.12
J-2552	506.81	0	580.5	73.54
J-2277	507.05	0	520.65	13.58
J-2603	508	0.45	578.45	70.31
J-2669	509.3	0	581.86	72.41
J-2551	511.87	0	580.69	68.67
J-2276	512.48	0	520.78	8.28
J-2666	520.1	0	581	60.78
J-2558	521.4	0	582.02	60.5

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2422	527.28	0	581.54	54.15
J-2233	527.55	0	581.03	53.37
J-2421	527.92	0	581.64	53.61
J-2557	528.03	0	582.12	53.98
J-2232	528.07	0	581.11	52.93
J-2462	528.68	0	581.77	52.98
J-2243	528.99	0	581.21	52.11
J-2523	535.89	0	582.11	46.13
J-2253	536.37	0	581.44	44.97
J-2522	537.01	0	582.27	45.16
J-2252	537.81	0	581.54	43.64
J-2571	538.4	0	582.11	43.63
J-2487	539.87	0	582.01	42.05
J-2663	541.42	0	582.36	40.85
J-2319	542.05	0	581.74	39.61
J-2658	543.32	0	582.45	39.05
J-2322	544.09	0	581.95	37.79
J-2655	544.24	0	582.53	38.21
J-2317	544.72	0	582.16	37.36
J-2488	544.9	0	581.94	36.96
J-2639	545.29	0.45	581.8	36.44
J-2395	545.32	0	582.27	36.88
J-2394	547.62	0	582.31	34.62
J-2561	549.99	0	582.67	32.62
J-2279	550.59	0	582.35	31.7
J-2584	550.99	0	601.71	50.62
J-2585	553.48	0.3	601.66	48.08
J-2632	554.28	0	601.78	47.4
J-2560	556	0	582.76	26.71
J-2278	556.56	0	582.48	25.87
J-2590	560.64	0	582.89	22.21
J-2287	561.45	0	582.68	21.19
J-2667	562.24	0.3	603.23	40.91
J-2601	565.22	0	603.31	38.01
J-2496	565.42	0	601.84	36.34
J-2580	565.78	0.3	601.79	35.93
J-2657	566.82	0.45	597.57	30.68
J-2495	566.94	0	601.97	34.96

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H2O)
J-2531	567.56	0	604.31	36.68
J-2518	568.59	0	603.6	34.94
J-2628	569.22	0	602.32	33.03
J-2602	569.59	0	604.08	34.42
J-2600	570.24	0	603.36	33.06
J-2517	570.32	0	603.76	33.37
J-2223	571.05	0	582.82	11.75
J-2443	571.19	0	582.99	11.77
J-2656	571.39	0	597.72	26.27
J-2474	573.75	0	602.54	28.73
J-2473	573.88	0	602.8	28.86
J-2440	574.96	0	597.88	22.87
J-2555	575.92	0.45	625.42	49.4
J-2222	576.27	0	582.89	6.61
J-2442	576.53	0	583.04	6.5
J-2849	576.66	0	604.48	27.76
J-2415	576.87	0	597.93	21.02
J-2428	577.07	0	604.46	27.33
J-2414	577.51	0	597.98	20.43
J-2671	577.53	0.3	602.46	24.88
J-2403	577.96	0	598.06	20.06
J-2208	577.99	0	583.03	5.03
J-2206	578.34	0	583.09	4.74
J-2386	578.34	0	583.14	4.78
J-2375	578.62	0	583.17	4.54
J-2850	578.7	0	604.69	25.94
J-2846	578.83	0	606.56	27.68
J-2842	578.96	0	604.75	25.74
J-2447	579.13	0	595.37	16.21
J-2228	579.4	0	650.15	70.61
J-2847	579.53	0	606.86	27.27
J-2205	579.54	0	583.14	3.6
J-2374	579.6	0	583.2	3.59
J-2843	579.67	0	604.89	25.17
J-2402	579.84	0	598.1	18.23
J-2845	579.85	0	606	26.1
J-2586	580.09	0	590.28	10.17
J-2227	580.17	0	650.22	69.91

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2284	580.29	0	650.01	69.58
J-2512	580.52	0	625.59	44.98
J-2513	580.88	0	625.52	44.55
J-2624	582.09	0	628.01	45.83
J-2848	582.35	0	607.39	24.99
J-2844	582.44	0	605.25	22.76
J-2566	582.53	0	603.02	20.45
J-2466	582.54	0.45	627.11	44.48
J-2280	582.83	0	650.36	67.4
J-2425	583.05	0	625.68	42.54
J-2429	583.08	0	604.32	21.19
J-2435	583.9	0	607.94	24
J-2226	584.39	0	650.49	65.97
J-2465	585.07	0	627.18	42.02
J-2424	585.42	0	625.73	40.23
J-2434	585.78	0	610.96	25.13
J-2388	586.3	0	604.11	17.78
J-2225	586.32	0	650.57	64.11
J-2623	586.85	0	628.06	41.13
J-2391	587.17	0	627.94	40.69
J-2373	587.45	0	625.79	38.26
J-2528	587.66	0	627.32	39.58
J-2527	588.47	0	627.4	38.85
J-2389	588.76	0	604.01	15.22
J-2618	589.16	0	627.82	38.58
J-2569	589.31	0.3	603.96	14.62
J-2446	590.4	0	628.13	37.65
J-2372	590.47	0	625.82	35.28
J-2383	590.51	0	627.53	36.94
J-2204	590.59	0	650.96	60.25
J-2607	590.72	0	627.55	36.75
J-2606	591.05	0	627.67	36.54
J-2382	591.73	0	628.16	36.35
J-2441	591.81	0	624.37	32.49
J-2224	591.88	0	650.89	58.89
J-2643	591.94	0.3	634.54	42.52
J-2203	592.02	0	651	58.86
J-2390	592.1	0	627.9	35.73

Iventari i Nyjeve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H2O)
J-2370	592.51	0	625.85	33.28
J-2380	592.51	0	627.37	34.8
J-2508	592.72	0	626.78	34
J-2381	593.28	0	627.29	33.94
J-2608	594.04	0	617.81	23.72
J-2577	594.15	0	631.25	37.02
J-2297	594.42	0	650.73	56.2
J-2286	594.45	0	651.22	56.66
J-2526	594.54	0	627.82	33.21
J-2369	594.57	0	625.88	31.24
J-2379	594.85	0	626.32	31.41
J-2554	594.92	0.45	625.95	30.96
J-2378	595.19	0	626.45	31.19
J-2387	595.29	0	626.55	31.2
J-2830	595.55	0	626.89	31.28
J-2468	595.86	0	626.04	30.12
J-2427	595.98	0.45	634.49	38.44
J-2576	596.14	0	633.27	37.05
J-2285	596.42	0	651.36	54.83
J-2454	597.28	0.45	625.94	28.6
J-2376	597.88	0	626.45	28.51
J-2670	598.02	0.45	603.84	5.81
J-2426	598.57	0	634.54	35.9
J-2537	598.67	0	626.67	27.94
J-2647	599.25	0.45	635.17	35.86
J-2467	599.75	0	626.11	26.31
J-2406	599.77	0	626.41	26.59
J-2549	600.01	0	627.69	27.62
J-2536	600.21	0.45	626.59	26.32
J-2542	600.55	0	635.46	34.85
J-2418	600.61	0	626.17	25.51
J-2377	601.14	0	626.41	25.22
J-2646	601.17	0	635.31	34.07
J-2453	601.7	0	634.6	32.84
J-2407	602.25	0.3	626.39	24.1
J-2541	602.35	0	635.55	33.13
J-2478	602.45	0	635.59	33.08
J-2477	602.54	0	635.64	33.03

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2620	602.59	0.45	627.48	24.84
J-2514	602.78	0	635.32	32.48
J-2309	603.47	0	651.54	47.97
J-2548	603.61	0	627.6	23.94
J-2384	603.81	0	626.37	22.52
J-2515	604.08	0	635.27	31.13
J-2385	604.53	0	626.34	21.76
J-2417	604.72	0	626.22	21.46
J-2423	604.73	0	626.29	21.51
J-2619	604.92	0	635.52	30.53
J-2546	606.13	0	634.93	28.74
J-2634	606.37	0	635.44	29.01
J-2482	607.82	0.45	640.03	32.14
J-2254	609.8	0	672.98	63.05
J-2481	610.1	0	640.1	29.94
J-2231	610.19	0	672.41	62.09
J-2638	610.34	0.3	635.07	24.67
J-2460	611.12	0	635.13	23.96
J-2255	611.33	0	672.79	61.33
J-2257	611.37	0	651.72	40.27
J-2497	611.63	0	638.68	27
J-2459	612.17	0	635.16	22.94
J-2288	612.24	0	673.25	60.89
J-2399	612.87	0	640.21	27.28
J-2298	613.07	0	673.57	60.38
J-2256	613.51	0	651.82	38.23
J-2398	613.83	0	640.26	26.37
J-2220	616.53	0	672.26	55.62
J-2250	616.92	0	673.87	56.83
J-2245	618.65	0	674.05	55.29
J-2230	621.44	0	678.54	56.99
J-2550	622.09	0	651.98	29.84
J-2264	622.46	0	679.2	56.62
J-2244	622.46	0	674.24	51.67
J-2345	623.21	0	652.11	28.84
J-2680	623.41	0	644.66	21.21
J-2591	623.48	0.45	651.87	28.34
J-2216	623.64	0	678.3	54.55

Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2221	624.57	0	672.13	47.45
J-2438	625.23	0	652.13	26.84
J-2439	625.42	0	652.08	26.6
J-2217	625.63	0	678.18	52.44
J-2828	625.82	0	645.42	19.56
J-2302	626.15	0	679.51	53.25
J-2371	626.49	0	645.41	18.89
J-2242	626.49	0	678	51.41
J-2218	626.5	0	679.98	53.38
J-2448	626.52	0	645.38	18.82
J-2229	626.56	0	678.68	52.02
J-2271	626.91	0	674.47	47.46
J-2219	627.4	0	679.85	52.35
J-2211	628.28	0	678.99	50.61
J-2283	629.26	0	680.32	50.96
J-2282	630.63	0	677.74	47.02
J-2212	631.29	0	678.88	47.49
J-2215	631.38	0	681.12	49.63
J-2273	632.58	0	680.58	47.9
J-2269	633.6	0	676.66	42.97
J-2314	633.61	0	674.9	41.21
J-2652	633.64	0	652.28	18.6
J-2304	633.87	0	675.25	41.3
J-2251	634.75	0	681.31	46.46
J-2303	634.94	0	675.57	40.54
J-2519	635.2	0.3	645.35	10.12
J-2207	635.48	0	681	45.43
J-2323	635.85	0	677.05	41.12
J-2270	636.02	0	676.44	40.33
J-2202	637.52	0	680.82	43.21
J-2201	638.28	0	680.89	42.53
J-2241	638.98	0	681.68	42.61
J-2263	639.13	0	675.89	36.69
J-2240	639.26	0	681.85	42.51
J-2262	639.34	0	676.09	36.68
J-2238	639.65	0	671.24	31.53
J-2296	639.66	0	677.45	37.72
J-2239	639.8	0	671.07	31.2

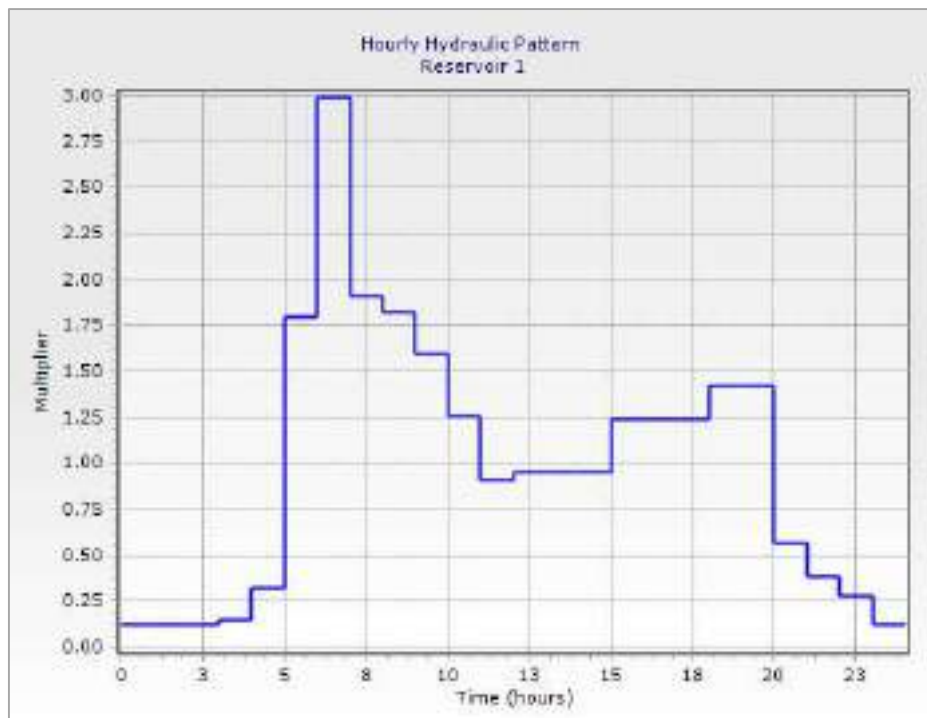
Iventari i Nyjeve – UJESJELLESË PICAR, KOLONJE / GJIROKASTER

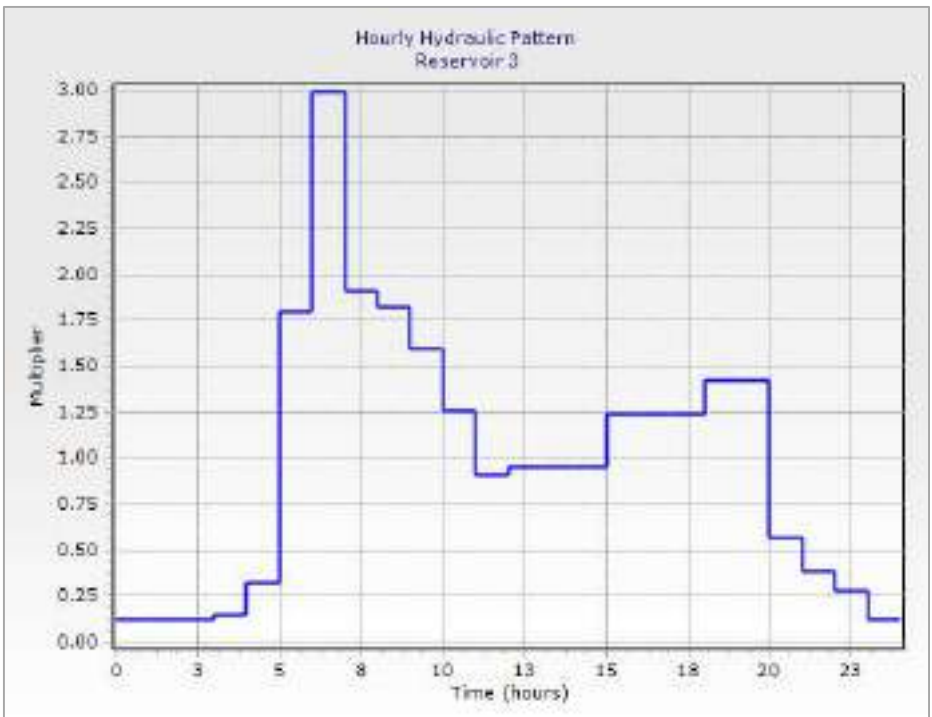
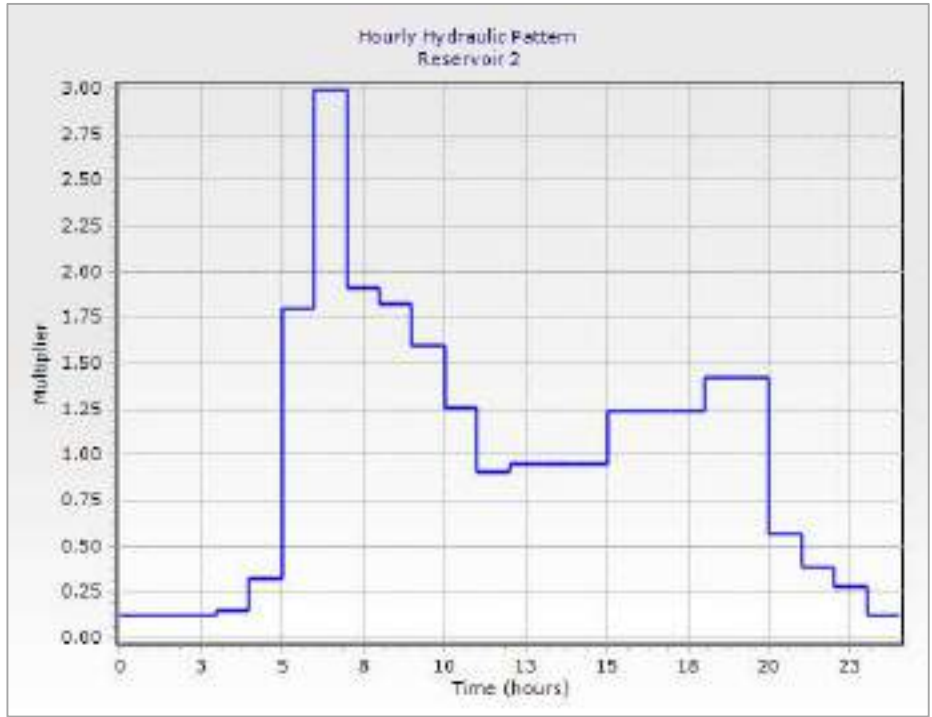
Label	Elevation (m)	Demand (L/s)	Hydraulic Grade (m)	Pressure (m H ₂ O)
J-2260	640.52	0	670.87	30.29
J-2664	641.42	0	652.45	11
J-2321	642	0	652.4	10.38
J-2653	642.38	0	649.4	7
J-2289	643.11	0	671.78	28.61
J-2267	645.71	0	682.09	36.3
J-2853	646.38	0	671.5	25.07
J-2291	648.58	0	670.58	21.96
J-2266	650.2	0	682.29	32.03
J-2237	650.28	0	682.52	32.18
J-2236	650.42	0	682.68	32.2
J-2315	652.84	0	683.04	30.14
J-2274	659.77	0	683.56	23.75
J-2210	667.32	0	683.81	16.46
J-2234	683.01	0	684.05	1.03
J-2214	683.5	0	684.19	0.69

1.1.5 Tabela e Rezervuareve & Pusetave te Shuarjes se Presionit

Ujesjellesi PICAR & KOLONJE_HYD. Wtg

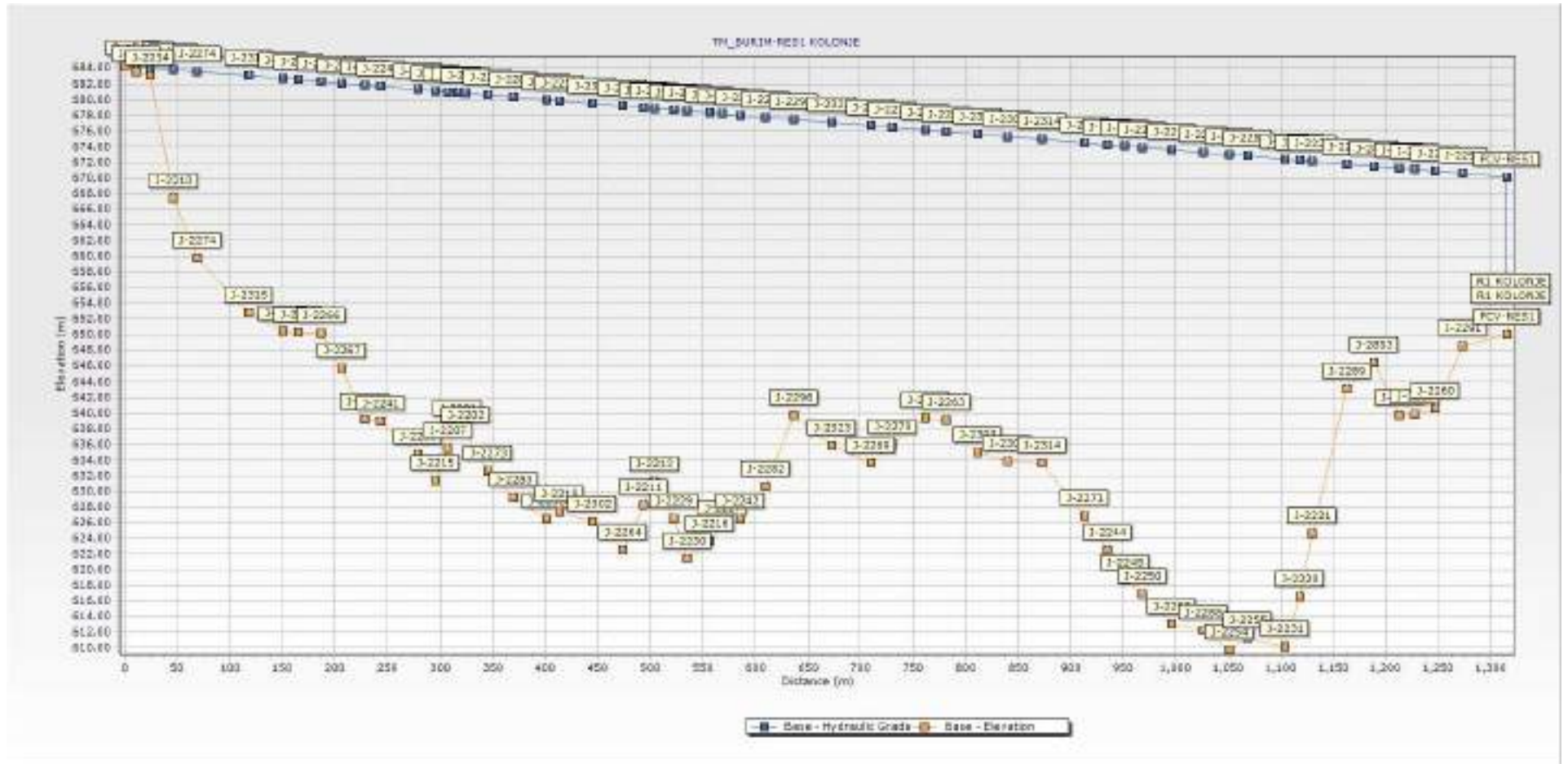
Iventari i Rezervuareve – UJESJELLESI PICAR, KOLONJE / GJIROKASTER						
Label	Elevation (Base) (m)	Elevation (Minimum) (m)	Elevation (Initial) (m)	Elevation (Maximum) (m)	Flow (Out net) (L/s)	Hydraulic Grade (m)
PBC&DC T2	580.75	581.75	583.25	585.25	-5.00	583.26
PBC&DC T2	580.75	581.75	583.25	585.25	-8.66	583.26
PBC T1	518.50	519.50	521.00	523.00	-5.00	521.00
PBC T1	652.00	653.00	654.50	656.50	-5.00	654.50
R1 KOLONJE	652.00	653.00	654.50	656.50	-7.00	654.50
R1 PICAR	408.45	409.45	410.95	412.95	-2.50	410.95
R2 PICAR	453.00	454.00	455.50	457.50	-2.50	455.50



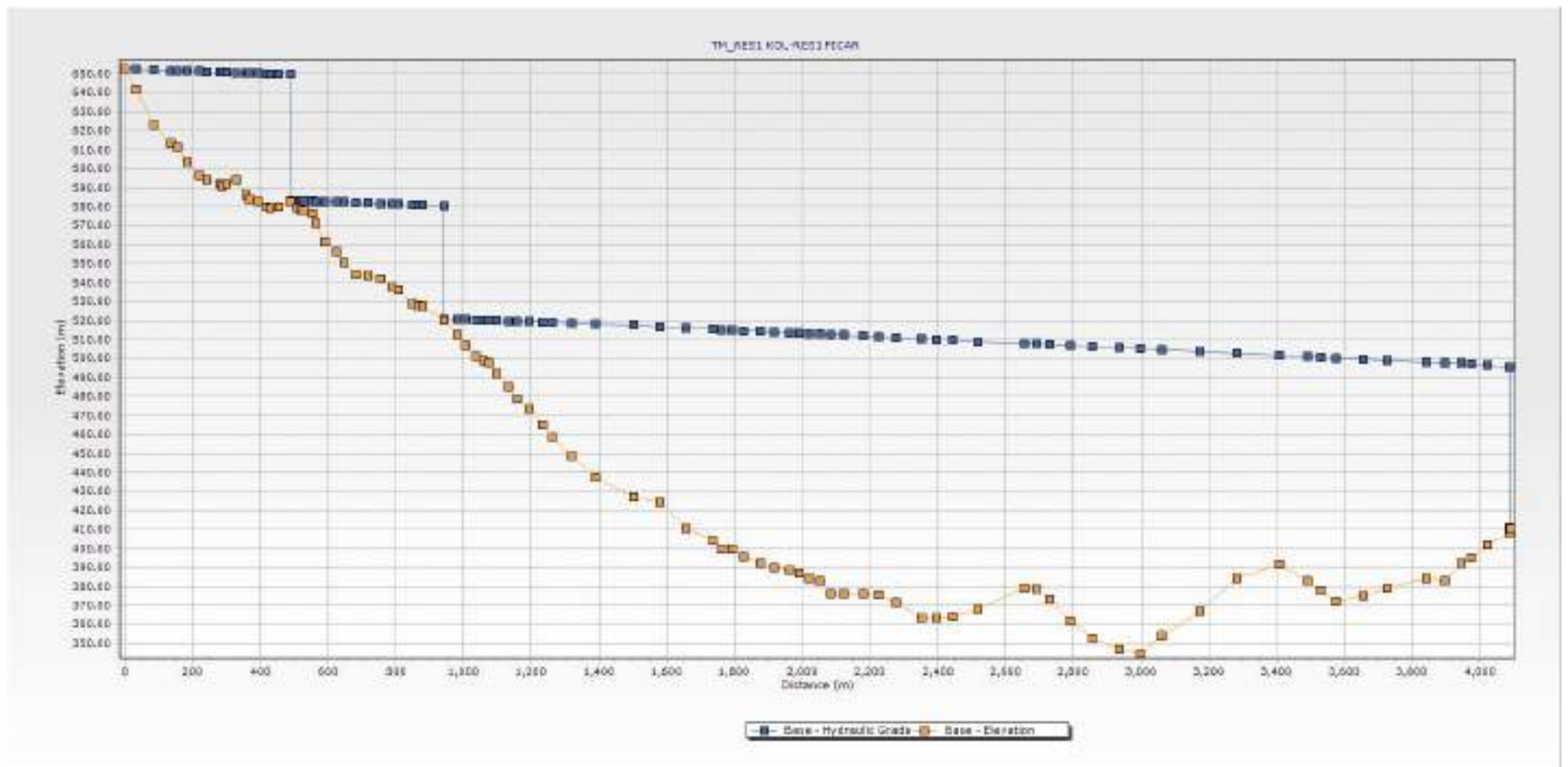


1.1.6 Vija pjezometrike per Linjat Kryesore te Dergimit dhe Linjat Kryesore te Shperndarjes – Ujesjellesi PICAR & KOLONJE_HYD. Wtg

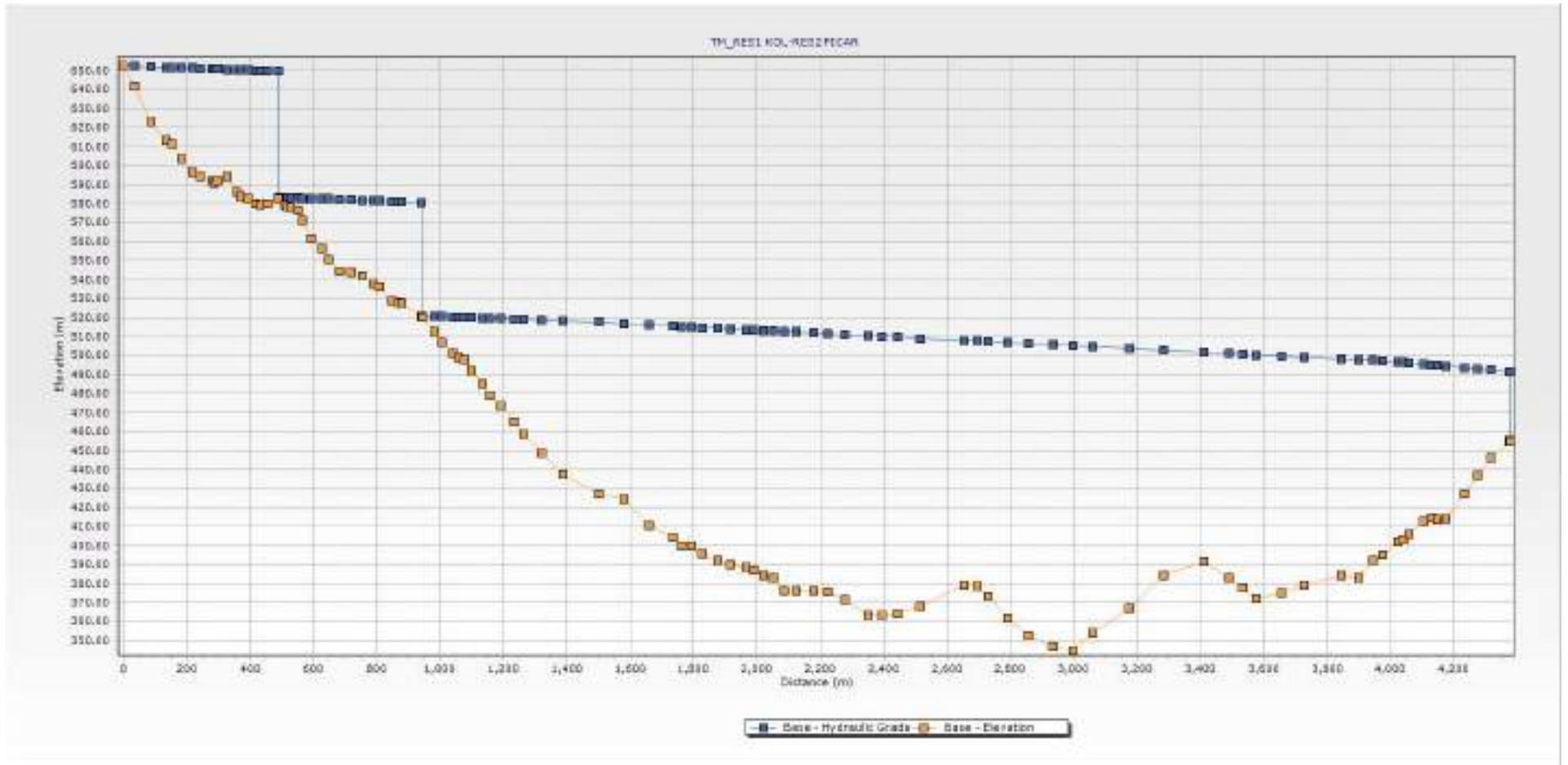
TM_BURIM-RES1 KOLONJE



TM_RES1 KOL-RES1 PICAR



TM_RES1 KOL-RES2 PICAR



DISTRIBUTION KOLONJE



DISTRIBUTION PICAR

