Name of Zone		na) Total	Population Density	Population		Unit Flow	
ZONE 2	Residential Commercial	3,600	229 persons	823,800 persons	Per Capita 201 1/c/d	Commercial 116 m³/ha/d	Infiltration 7.6 m³/ha/d

S		Area l			Ä	Area		Dor	nestic W	astewater	Flo	W	Othe	r Flow				Des	igned	Sewer	•		
No. of Sewers	Increment	dential Area Total	Increment	mercial Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remo
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/ s	<u>a</u>	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	iu	32, 10	
(149)	13.71	190.42		15.95	13.71	206.37	47, 260	0. 110	0, 021	0. 131	2.9	0.380		0. 021	0.401	0 900	420.00	0.8	0.70	0.444		31.76	
(150)	8.93	383.42		1262.87	8.93	1646.29	377,000	0. 877	1.696	2,573	i. 8	4.631		0. 145	4.776	0 2600	470.00	0. 4	1.00	5.312		29.33 29.14	
$\overline{}$										125												29.14	
(151)	34.49	417.91		1262.87	34.49	1680.78	384,900	0.895	1. 696	2.591	1. 8	4.664		0, 148	4.812	0 2 600	480.00	0. 4	1.00	5. 312	7 7	28. 95	
(152)	31.02	448.93		1262.87	31.02	1711.80	392,000	0.912	1. 696	2.608	1.8	4.694		0. 151	4. 845	O 2 600	40.00	0. 4	1.00	5.312		28. 95 28. 93	
(153)			:								1	14.			1 10			+ 2				28.93	
	6.46	455.39	4	1262.87	6.46	1718.26	393,480	0.915	1, 696	2.611	1.8	4.700		0, 151	4.851	⊙ 2 600	525.00	0. 4	1.00	5.312		28.72	
i. Guz	to	(161)		1														:					
(154)																						34. 80	
7.5	5.72				5.72		1,310	0.003		0.003	4. 8	0.014		0, 00 1	0.015	O 200	395.00	4. 5	0.61	0.019		33. 02 32. 97	
(155)	5.18	10.90	: *		5.18	10.90	2,500	0. 006		0.006	4.8	0.029		0.001	0. 030	o 2 50	970.00	3.5	0.62	0. 031		29. 58	
(P 2-5)		* .																					
								fit.								1		<u>. 44 </u>			7.00	34.65	Pumping
(156)	11.66	22.56			11.66	22.56	5,170	0. 012		0.012	4.7	0.056		0. 002	0. 058	O 350	565.00	2. 2	0.62	0. 059	in .	33.41	
(157)	11.34	33.90	tara t		il. 34	33.90	7, 760	0.018		0.018	4.3	0.077		0. 003	0.080	0 450	290.00	1.6	0.62	0. 099		33.31	
			*.		11.01	00.00	1,100	0. 010		0.010	1.5	0.077		0.003	0.080	0 450	290.00	1.0	0.62	0.033		32.85 32.70	
(128)	28.39	62.29			28.39	62.29	14, 260	0. 033		0. 033	3.8	0.125		0.005	0. 130	⊙ 600	370.00	1. 2	0.65	0. 184		32.26	
(159)	20.12	82.41			20.12	82.41	18,870	0. 044		0.044	3.6	0.158		0. 007	0. 165	○ 600	470.00	19	0.65	0. 184		32.26 31.70	
	No. age of				, -										5. 155	1 300	3.00		0.00	0. 101		31.60	
(i)	31.05	113.46	-		31.05	113.46	25,980	0.060		0.060	3.4	0.204		0.010	0. 214	O 700	570.00	1. 0	0.66	0. 254		31. 23	
(161)	29.34	598.19		1262.87	29.34	1861.06	426,180	0. 991	1.696	2.687	1.8	4.837		0. 164	5, 001	⊙2600	490.00	0.4	1.00	5.317		28.72 28.52	· · · · · ·
(162)			·											erio Programa			1					28.12	
	26.16	2 030.00		1570.00	26.16	3 600.00	824,400	1. 918	2.108	4.026	1. 7	6.844		0.317	7. 161	○3000	20.00	0.4	1 10	7.780		28.11	
	to	Treatment	Faci	ities							100												
		1 To 1																					
																1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
Ar Eur					1788 184 180																1		
			1									9899 1											

	Name of Zone		Area (h	a)	Population Density	Population		Unit Flow	
- -		Residential	Commercial	Total	persons.		Per Cap	ita Commercial	In filtration
	ZONE 3	2,500		2,500	200 per 3013/ha	499,600 persons	201 ¹ /	c/d 116 ^{m³} /ha/d	7 6 ^{m3} /ha/d

ers	Resi	Area dential		d Use nercial	/	Area		Don	nestic W	astewater	Flo	w	Othe	r Flow				Des	signed	Sewer			
No. of Sewer	Increment	Area	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remar
	ha	ha	ha	ha	ha	ha	persons	m³/s	m ³ /s	m³/ s	a	m³/s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	m ;	m	
	0.04				0.04		500	0.001							0.000							34.80	
$\stackrel{\sim}{\sim}$	2.94				2.94		590	0.001		0.001	4.8	0.005		0.001	0.006	○ 200	200.00	4.5	0.61	0.019		33.90	<u> </u>
2)	8.49	11,43		•	8.49	11.43	2,290	0.005		0.005	4.8	0.024		0.001	0.025	⊙ 250	165.00	3.5	0.62	0.031		33.85 33.27	
		•					100														1 1	33.22	
3)	5.88	17. 31			5.88	17.31	3,460	0.008		0.008	4.8	0.038		0.002	0.040	⊙ 300	280.00	2.8	0.63	0.044		32.44	
4	4.30	21.61			4.30	21,61	4 320	0.010		0.010	4.0	0.049								1 da.		32.39	
$\stackrel{\sim}{=}$		21.01		*	4.30	۵۱, ۱۱	4,320	0.010		0.010	4.8	0.048		0.002	0.050	○ 350	280.00	2.2	0.62	0.059		31.77	
5)	11.14	32.75			11.14	32.75	6,550	0.015		0.015	4.5	0.068		0.003	0.071	⊙ 400	380.00	1.9	0.63	0.079		31.72 31.00	
	73.								1													30.95	: .
6)	14.70	47.45	.:. -		14.70	47.45	9,490	0.022		0.022	4.2	0.092		0.004	0.096	⊙ 450	380.00	1,6	0.62	0.099		30.90	
7	8.79	56.24		Tarres de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición dela	8.79	56, 24	11,250	0.026		0.026	40	0.104										30.85	
	0.13	50.24			6.75	30, 24	11,200	0.026		0.028	4.0	0.104	2 2 2	0.005	0.109	○ 500	300.00	1.4	0.62	0.122	٠ * •	30.43	
P	. ['!				1										Pumping
8)																		• • •			00	34.40	, ,,
	46.92	103.16			46.92	103.16	20,630	0.048		0.048	3.6	0.173		0,009	0. 182	⊙ 600	350,00	1.2	0.65	0.184	رم م	33.98	
9	61.18	164.34		* * *	61.10	164.34	70 970	0.070					1.									33.78	
\preceq	01.10	104.54			01.10	104.34	32,870	0.076		0.076	3,3	0.251		0.014	0, 265	○ 800	55.00	0.8	0.65	0.324		33.73	
10)	8.17	172.51			8 17	172.51	34,500	0.080		0.080	3.3	0.264		0.015	0. 279	⊙ 800	175.00	0.8	0.65	0.324		33.73 33.59	
\supset											1											33.59	
쁴	5, 51	178.02	ļ		5.51	178.02	35,600	0.083		0.083	3.2	0.266		0.016	0.282	○ 800	90.00	0.8	0.65	0.324		33.52	
(2)	14.49	192. 44			14.43	192.44	38,490	0 000		0 000	7.0	0.000										33.52	
\preceq	14.42	132.44			14.42	192.44	36,490	0.090		0.090	3.2	0. 288		0.017	0.305	⊙ 800	275.00	0.8	0.65	0.324		33.30	
13)	5.22	197.66			5.22	197. 66	39,530	0.092		0.092	3.2	0.294		0.017	0.311	⊙ 800	40.00	0.8	0.65	0.324		33.30 33.27	
$\overline{}$																						33.27	
	4.39	202.05			4 39	202.05	40,410	0.094		0.094	3.2	0.301		0.018	0.319	⊙ 800	50.00	0.8	0.65	0.324		33.23	
15)	10 93	212.98			10.03	212.98	42,600	0.099		0.000		A 202										33.13	
	10.93	212.30			10.33	212.30	42,000	0.093		0.099	3.1	0.307		0.019	0.326	⊙ 900	80.00	0.8	0.70	0.444		33.07	t y y .
16)	5.63	218.61	:		5.63	218.61	43,720	0. 102		0. 102	3.1	0.316		0.020	0.336	⊙ 900	160.00	0.8	0.70	0.444		33.07 32.94	
17)																	1.5					32.94	
17)	5.44	224.05			5.44	224.05	44,810	0.104		0. 104	3. I	0.322		0.020	0.342	O 900	120.00	0.8	0.70	0.444		32.84	· · ·
18)	26 24	250. 29			26 24	250. 29	BO 060	0.16		0.116	2 1	0.360		0.022	V 30 V	0.000	000.00		0.70			32,84	
$\stackrel{\sim}{=}$	20.24	200, 23			20.24	200, 29	50,060	0.116		0.116	3.1	0.360		0.022	0.382	⊙ 900	200.00	0.8	0.70	0.444		32.68	
19) ₂	10,09	460.38		.:	210.09	460.38	92,080	0.216		0.216	2.7	0.583		0.040	0.583	01100	355.00	0.6	0.73	0.828		32.48 32.27	

ſ	Name of Zone	i.	Area (h	a)	Population	Population			Unit Flow	
-		Residential	Commercial	Total	Density		Per	Capita	Commercial	In filtration
	ZONE 3	2,500		2,500	200 persons	499,600 persons	201	1/c/d	116 ^{m³} /ha/d	7.6 ^{m³} /ha/d

Sewers	Resi	Area dential Area	1	nercial Area		Area 	tion			astewater	Flo	w	Othe	er Flow				Des	igned	Sewer			
No. of S.	increment	Total	Increment	Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Pedk Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Re
-	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/ s	m³/ s	ă.	m ³ /s	m³/s	m³/s	m³/s	m m	, m	%。	m/s	m³/s	m	m	
20	36.85	497. 23			36.85	497. 23	99,450	0.231		0.231	2.7	0.624		0.044	0,624	01100	370.00	0.6	0.73	0.828		32.27 32.05	: . :
(21)				***		1												13				31.95	
$\overline{}$	43.40	540, 63			43.40	540.63	108,130	0. 252		0.252	2.7	0.680	1	0.048	0.728	○ 1200	280.00	0.6	0.73	0.828		31.78	
(55)	71.78	612.41		· · · · · · · · · · · · · · · · · · ·	71.78	612,41	122,480	0.285		0.285	2.6	0.741		0.054	0.795	0 1200	50.00	0.6	0.73	0.828		31.78 31.75	
23)	83.07	695.48			07.07	COE 40	139 100	0.304		0.704	o e	0.810		0.061	0.071	0.750	775 00		0.70		:	31.60	
	00.01	033.48		•	83.07	695.48	139,100	0.324		0.324	2.5	0.810		0.061	0.871	○ ∤350	335.00	0.5	0.72	1.034	:	31.43 31.28	 .
(24)	235.90	931, 38			235.90	931,38	186,280	0.433		0.433	2.4	1.039		0.082	1, 121	01500	440.00	0.5	0.78	1,370		31.06	<u>.</u> : .
(25)	23.69	955.07		:	23 69	955.07	191,010	0.444		0.444	2.4	1. 066		0.084	1. 150	⊙ !500	755.00	0.5	0.78	1.370		31.06	
(26)					20.00		101,010	3.111		0.474	2.4	1.000		0.004	1.100	3 1000	100.00	0.0	0.10	1.570		30.68 30.68	·
	45.87	1 000. 94			45.87	1000.94	200,190	0.466		0.466	2.3	1.072		0.088	1.160	⊙ 1500	515.00	0.5	0.78	1.370		30.42	
(27)	119.26	1 120. 20			119.26	1 120. 20	224,040	0.521		0.521	2.3	1, 198		0.099	1. 297	0 1500	40.00	0.5	0.78	1,370		30.42 30.40	
(28)										11 11 12 11									<u> </u>	1,010	0	30.25	· · · · ·
	84.71	1204.91		<u> </u>	84.71	1204.91	240,980	0.561		0.561	2.3	1.290		0.106	1.396	<u> </u>	210.00	0.4	0.74	1,580	37.00	30.17	
(59)	3.51	1 208.42			3.51	1208.42	241,680	0.562		0.562	2.3	1. 293		0.106	l. 3 99	o 1650	55.00	0.4	0.74	1, 580	מן	30.17 30.15	
. :	to	(52)																				:	
$\overline{\wedge}$	- 1 - 15 - 15 - 15 - 15 - 15 - 15 - 15																					34.75	<u> </u>
(30)	11.20			<u> </u>	11.20		2,240	0.005		0.005	4.8	0.024		0.001	0.025	⊙ 250	450.00	3.3	0.62	0.031		33.18	
(31)	9,90	21.10			9.90	21.10	4,220	0.010		0.010	4.8	0.048		0.002	0.050	0.350	285.00		0.60	0.050		33.08	
	3,30	21.10			3.30	21.10	1 4,2.20	0.010		0.010	7.0	0.048		0.002	0.030	330	200.00	2.2	0.62	0.059		32.45 32.40	
(32)	12.73	33.83		· · · · · · · · · · · · · · · · · · ·	12.73	33.83	6,770	0.016		0.016	4.4	0.070		0.003	0.073	⊙ 400	360.00	1.9	0.63	0.079		31.71	1
(33)	22.35	56.18	:		22.35	56.18	11,240	0. 026	and the second	0.026	4.0	0.104		0.005	0.109	⊘ 500	290.00	1.4	0.62	0. 122		31.61	
													1. 1. 1.							- 1 to ba		31.20	
(34)	5.45	61.63			5.45	61.63	12,330	0.029		0.029	3.9	0.113		0.005	0.118	⊙ 500	170.00	1.4	0.62	0. 122		30.96	
35)	8.97	70.60			8.97	70.60	14,120	0.033		0.033	3.8	0. 125		0.006	0. 131	⊙ 600	30.00	1.2	0.65	0.184		30.86 30.82	
36)																						30.82	
	22.09	92.69	1 1 1 1		22.09	92.69	18,540	0.043		0.043	3.6	0. 155		0.008	0.163	○ 600	440.00	1.2	0,65	0.184		30.29 30.19	
(37)	28.19	120.88			28.19	120.88	24,180	0.056		0.056	3.4	0. 190		0.011	0.201	o 700	240.00	1.0	0.66	0.254		29.95	
(P) 3-2)																							oumping.
<u> </u>			1		1	<u> </u>	<u> </u>			L .	JJ		محسب			<u> </u>						L	amping

			e Programa							
	Name of Zone	Δ	Area (ha		Population Density	Population		Unit Flow		
ŀ		Residential	Commercial	Total	nareone		Per Capita	Commercial	In filtration	
	ZONE 3	2,500		2,500	500 horsey year	499,600 persons	201 1/c/d	116 ^{m³} /ha/d	7.6 ^{m³} /ha/d	

S	·	Area l	by Lan	d Use	,	Area		Don	nestic W	astewater	Flo	w	Oabo	Ela				0		0			
ewers	Resi	dential Area	Com	mercial Area		7160	5	1001		asiewaiei	<u> </u>	.*	Offic	r Flow			<u> </u>	Des	signed	Sewer	r		
No. of Se	Increment	Total	Increment	Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peck Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Rema
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/ s	Q.	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	
38	27.52	148.40			27.52	148.40	29,680	0.069		0.069	3.3	0.228	- 4 a.	0.031	0.241	o 700	465.00	1, 0	0.66	0.254		34.30 33.84	
39	48.99	197. 39			48.99	197.39	39,480	0.092		0.092	3.2	0.294		0.017	0.311	0 800	490.00	0.8	0.65	0.324		33.74 33.34	
40	163.00	360.39			163.00	360. 39	72,080	0. 168		0.168	2.9	0.487		0.032	0.519	o l 100	30.00	0.6	0.69	0.656		33.04 33.02	
41	77.45	437.84			77.45	437.84	87,570	0. 204		0.204	2.8	0.571		0. 039	0.610	⊙ 1100	730.00	0.6	0.69	0.656		33. 02 32.58	
42	46.59	484,43			46.59	484.43	96,890	0.225		0.225	2.7	0.608		0.043	0.651	⊙I100			0.69	0.656		32.58 32.36	
43	35.33	519.76				519.76		0.242		0.242	2.7	0.653		0.046	0.699	01200			0.73	0.828		32.26 32.03	:
(44)	62.07	581, 83				581.83	116,370	0. 271		0.271	2.6	0.765		0.051	0.756	01200	560.00		0.73	0.828		32.03 31.69	
(45)	15.79	597, 62			15.79		119,520	0.278		0.278	2.6	0.723		0, 053	0.776	⊙1200	400.00		0.73	0.828	00	31.69	
46)	190.80		i.			788.42		0.367		0.367	2.4	0.881		0.053	0.950	© I 350					37.00	31.30	
(47)	53,26	841.68				841.68		0.392		0.392	2.4	0.941		0.063		© 1350 ⊙ 1350			0.72	1.034		31,10	
(48)	10.80	852.48			10.80	t di gi	170,500	0.397							1.015		100.00	0.5	0.72	1.034		31.05	
(10)		877. 86								0.397	2.4	0.953		0.075	1.028		240.00	0.5	0.72	1.034		30, 93 30, 78	
(50)						877.86		0.408		0.408	2.4	0.979		0.077	1.056		260.00		0.78	1,370		30,65 30,65	
(E)		922, 18					184,440	0.429		0.429	2.4	1.030		0.081	1.111	⊘ 1500			0.78	1.370		30.53 30.53	
(52)		1000.73					200,150			0.466	2.3	1.072		0.088	1, 166	⊚1500			0.78	1. 370		30.31 29.71	
		2500.00 Treatmei	.+ F	acilites	290,85	2500.00	500,000	1, 163		1.163	2.1	2.442		0.220	2.662	02 100	50.00	0.4	0.87	3.005		29.69	· · · · · · · · · · · · · · · · · · ·
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	Name of Zone		Area (h		Population Density	Population			Unit Flow	
		Residential	Commercial	Total	persons,			Capita	Commercial	In filtration
,	ZONE 5	3,100		3,100	48 Ha	457,300 persons	201	1/c/d	16 ^{m³} /ha/d	7.6 ^{m³} /ha/d

Sewers	Res	Area i	T	nercial		Area		Do	mestic W	astewater	Flo) W	Oth	er Flow				Des	signed	Sewer			
No. of Sew	Increment	Area Total	Increment	Area	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	Peaking Factor	Peck Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Ren
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/s	۵	m³/s	m³/s	m ³ /s	m³/s	mm	m	%。	m/s	m ³ /s	m	m	-
	20.47				20.47		3,030	0.007		0.007	4.8	0.034		0.002	0.036	⊙ 300	310.00	2.8	0.63	0.044		34.70 33.83	
(S)					1 1 1 1 1									0.002	0.000		010.00	2.0	0.00	0.044		33.63	<u> </u>
	46.98	67.45		<u> </u>	46.98	67.45	9,980	0.023		0.023	4.1	0.094		0.006	0.100	0 500	750.00	1.4	0.62	0.122		32.58	
(3)	63.92	131.37			63.92	131, 37	19,440	0.045		0.045	3.6	0.162		0.012	0, 174	0 600	770.00	1.2	0.65	0.184		32.48 31.56	-
4	153.48	284.85			153.48	204 05	40.150	0.009						11.0								31.26	
	133,46	204.05			10096	284.85	42,160	0.098		0.098	3.1	0.304		0.025	0.329	○ 900	1060.00	0.8	0.70	0.444	 	30.41	
	334.58	619.43			334.58	619.43	91,680	0.213		0.213	2.7	0.575		0.054	0.629	01100	500.00	0.6	0.69	0.656		29.01	
P 5-1																							Pumpin
																				1 1 1 1 1		33.80	Funipini
	59.97	679.40			59.97	679.40	100,550	0.234	***	0.234	2.7	0.632		0.072	0.704	01200	2830.00	0.6	0.73	0.828		32.10	
(7)	640.30	1319.70			640.30	1319.70	195, 320	0.454		0.454	2.3	1.044		0.128	1.172	⊙1500	670.00	0.5	0.78	1.370	· · · · · · · · · · · · · · · · · · ·	31.80 31.47	
8																						31.47	
	157.24	1476.94		· · · · · · · · · · · · · · · · · · ·	157.24	1476.94	218,590	0.502		0.502	2.3	1 155		0.131	1. 286	01500	820.00	0.5	0.78	1.370	7.00	31.06	
(9)	765.18	2242.12			765.18	2242.12	331,830	0.772		0.772	2.2	1.698	1	0.187	1.885	01800	500.00	0.4	0.78	1.992	3,7	30.76 30.56	1
	to	(14)									i e									1 1	.		
				E - T		1													. :			34.60	
(10)	38.67				38.67		5,720	0.013		0.013	4.8	0.062		0.003	0.065	o 400	670.00	1.9	0.63	0.079		33.33	
	113.82	152.49			113.82	152.49	22,570	0.053		0.053	3.4	0.180		0.013	0. 193	6.700			0.50	0.054		33.03	
		9. (4)										33		0.013	0.153	0 7 00	1 000.00	1.0	0.66	0.254	· .	32.03 31.83	
	149.76	302.25			149.76	302.25	44,730	0.104		0.104	3.1	0.322		0.037	0.359	⊙ 900	980.00	0.8	0.70	0.444	, .	31.05	:
(13)	100.37	402.62	:	:	100.37	402.62	59,590	0.139		0.139	3.0	0.417		0.046	0.463	o 1000	760.00	0.6	0.65	0.509	1	30.95 30.49	· · · · · · · · · · · · · · · · · · ·
(14)	67.67	0700 07											12.									29.59	
	65.93	2708.67			63.93	2708.67	400,880	0.933		0.933	2.0	1.866		0.238	2.104	<u>01900</u>	410.97	0.4	0.81	2.301		29.43	Harris III
(15)	156.90	2865.57			156.90	2865.57	424,100	0.987		0.987	2.0	1.974		0.252	2.226	@1 9 00	610.00	0.4	0.81	2,301		29.43 29.19	
(16)	23442	3 100.00			23443	3100.00	458,800	1.067		1.067		0 124										29.09	11 11
					E07,40	0.100.00	730,000	1.001		1.067	2.0	2.134		0.273	2,407	◎ 2000	300.00	0.4	0.84	2.639		28.97	:
-	to	Treatment	Fac	cilities										1									: .
				1 to 1 to 1	1									1.0									

Name of	Zone	PHARM STAR AND THE PROOFE SECTION	Area (h	a)	Population	Population		Unit Flow	Committee, the Particular Committee of Committee on Commi
		Residential	Commercial	Total	Density		Per Capita	Commercial	Infiltration
ZONE	6	2,600		2,600	95 persons ha	245,600 persons	201 ¹ /c/d	II6 ^{m³} ∕ha∕d	7 .6 ^{m³} /ha/d

		Area	by Lan	d Use	T																	** ***** *********************	
Sewers	Resid	dential	Comr	nercial		Area	æ	Dor	nestic W	astewater	Flo	W	Othe	r Flow				Des	signed	Sewer			
Sew		Area		Area	_		Total Population	=	ō		ō		_	_	Total	_			(Full)	i i	ound Surface Elevation	T K	
	ŧ		+ t	11	ncrement		Put Du	Residential (Ave.)	ommercial (Ave.)		Factor	Flow	Industrial	Infiltration	Design	Diameter	#	w	 	pacity (Full)	Sur Siti	wer Invert	
of.	Increment	Total	Increment	Total	cre	Total	P, Q.	Av	T A	Total		A 40 10 10 10 10 10 10 10 10 10 10 10 10 10	snp	#rd	Flow	iam	eng th	Slope	Velocity	lcí f	ind Jew	<u> </u>	Remarks
No.	nore		nct					Res	ඊ		eaking	Pedk	<u>=</u>	nfi			ت	S	l Se	g	Grou	Sew	·
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/s	Ū.	m ³ /s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	
					1.7																	34.70	
	36.14			·	36.11		3,430	0.008	1	0.008	4.8	0.038		0.003	0.041	⊙ 300	890.00	2.8	0.63	0.044		32.39	
	14.7																	-11 :				32.24	
(2)	48.26	84.37			48.26	84.37	8,020	0.019		0.019	4.2	0.080		0.007	0.087	○ 450	870.00	1.6	0.62	0.099		30.85	- I'
3										is an ison									:			30.70	
	46.04	130.41			46.04	130.41	12,390	0.029		0.029	3.9	0,113		0.011	0.124	○ 600	630.00	1.2	0.65	0.184		29.94	
(P)						. :								1. 4.									Pumping Station
1/2/																					. *	34,40	- amping ordinon
(4)	44.53	174 94		: '	44.53	174.94	16,620	0.039		0.039	3.7	0.144	1,11	0.015	0.159	⊙ 600	340.00	1.2	0.65	0.184		33.99	
							1															33.89	
(5)	77.97	252.91			77.97	252.91	24,030	0.056		0.056	3.4	0.190		0.022	0.212	⊙ 700	390.00	1.0	0.66	0.254		33.50	
6				* .																	1	33.40	
	144.50	397.41	1		144.50	397.41	37,750	0.088		0.088	3.2	0.282	1	0.035	0.317	○ 800	1280.00	0, 8	0.65	0.324		32.38	
(7)	64 10	461.60				401.00	47.050	0.100		0.100		0.71.0										32.28	1
	64.19	461.60	***:		64.19	461.60	43,850	0.102		0.102	3.1	0.316		0.041	0.357	O 900	840.00	0.8	0.70	0.444		31.61	
(8)	140.68	602.28			140.68	602.28	57,220	0. 133		0.133	2.9	0.386		0.053	0.439	0 900	1340.00	0.8	0.70	0.444	8	31.61 30.54	
	1.0.00				1.0.00	002.20	0.1220	V. 100		0,100				0.000	0.100	300	1.040.00	0.0	0.10	0. 144	37.	30.54	
	to	(27)												to a to the same									. :
															14 1 11 11		F 1					34.70	
(9)	32.78				32.78		3,110	0.007		0.007	4.8	0.034		0.003	0.037	⊙ 300	960.00	2.8	0.63	0.044		32.01	
(10)		in the little																			. •	31.86	
	57. 15	89.93			57.15	89.93	8,540	0.020		0.020	4.2	0.084		0.008	0.092	0 450	570.00	1.6	0.62	0.099		30.95	
111	88.79	179.70	1		20.70	170 70		0.040		0.000		0.140		0.010	0.104	0.000	640.00		O.CE	0.00	1:	30.80	
		178.72	<u> </u>		88.79	178.72	16,980	0.040		0.040	3.7	0.148		0.016	0.164	○ 600	640.00	1.2	0.65	0.184		30.03	
(P) 6-2				ing a																			Pumping Station
																				.:		34.30	
(12)	64.00	242.72			64.00	242.72	23,060	0.054		0.054	3.4	0.184		0.021	0. 205	⊙ 700	1700.00	1.0	0.66	0.254		32.60	
	to	(16)						1.74															
	'0	<u> </u>		<u> </u>										<u> </u>									
(13)				e de la companya de l						Section 1												34.55	
	87.49	<u> </u>	 		87.49		8,310	0.019		0.019	4.2	0,080		0.008	0.088	○ 450	870.00	1.6	0.62	0.099		33.16	
(14)	53.55	141.04		· · · ·	53.55	141.04	13,400	0.031		0.031	3.8	0.118		0.012	0.130	⊙ 600	390.00		0.66	0.104		33.01 32.67	
	00.00	1-110-			33.33	171,04	13,400	0.031		0.031	J.0	U. I I S		0.012	0. 130	~ 800	280.00	1.2	0.65	0.184		32.57	
(15)	164.09	305.13			164.09	250. 13	23,780	0.055		0.055	3.4	0.187		0.022	0.209	Ø 700	1560.00	1.0	0.66	0.254		31.01	
																						30.61	
(16)	234.45	782.30			234.45	782.30	74,320	0.173		0.173	2.8	0.484		0.069	0.553	01100	730.00	0.6	0.69	0.656	· ·	30.17	

						in the state of th					Marie Propinsi Salah Salah Salah Salah Salah Salah
Nam	e of	Zone		Area (h	,	Population Density	Population		Unit Flow		
ZO	NE	6	Residential 2,600	Commercial ——	Total 2,600	95 persons ha	245,600 persons	Per Capita 201 1/c/d	Commercial 116 m³/ha/d	7.6 ^{m3} /ha/d	

Sewers	Resi	Area		nercial	-	Area	Ę,	Dor	nestic W	astewater 	Flo	w	Othe	er Flow			1 .	Des	igned	Sewer	<u>ω</u>	11 · · · · · · · · · · · · · · · · · ·	
No of Se	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remo
	- ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/s	Pe	m³/s	m³/s	m³/s	m ³ /s	mm	m	%。	m/s	m³/s	m	m	
(17)	158.18	940,48			158.18	940.48	89,350	0.208		0. 208	2.7	0.562		0. 083	0.645	01100	1750.00	0.6	0.69	0,656		30. 17	
					1.00.10	0.10.10	00,000	3.200			-	0.002		0.000	0.040	01100	1130.00	0.0	0.03	0,050	•	29.12	·
	to,	(27)		· .																			
(18)	74 67				3000		7.000															34.70	· :
	34.67				34.64	* * * * * * * * * * * * * * * * * * * *	3,290	0.008		0.008	4.8	0.038		0.003	0.041	Ø 300	840.00	2.8	0,63	0.044		32.35	
(19)	72.67	207.31			172.67	207.31	19,690	0.046		0.046	3.5	0.161		0.018	0.179	○ 600	780.00	1. 2	0.65	0.184		32.05 31.11	
(20)																						31.01	
	89.17	296.48			89,17	296.48	28,170	0.066		0.066	3.3	0.218		0,026	0, 244	⊙ 7 00	740.00	1, 0	0.66	0.254		30.27	
P 6-3				:																			Pumping
					1																	34.20	· umping
(51)	84.28	380.76			84.28	380.76	36,170	0.084		0.084	3.2	0.269		0.033	0.302	O 800	710.00	0.8	0.65	0.324		32.63	<u> </u>
(SS)	15.00	406.64				400.04	47.100						i., , ;			e de la					• • . • . •	33.53	
$\frac{\mathcal{L}}{\mathcal{L}}$	15.88	496,64			115.88	496.64	47, 180	0.110		0.110	3.l	0.341		0.044	0.385	○ 900	960.00	0.8	0.70	0.444	*	32.76	
	to	(26)							A SECTION				1 .	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
							4 - 1	age legis III .			-1 1										0	34.65	:
(23)	46.49			*:	46.49		4,420	0.010		0.010	4.8	0.048		0.004	0, 052	O 350	920.00	2.2	0, 62	0.059	7.00	32.63	
24	138.75	185.24		:	138.75	185.24	17,600	0.041		0.041	3.6	0, 148		0.0.0	0.104	0.000					r)	32.38	-
	130.13	100.24			130.13	100.24	11,000	0.041		0.041	3.0	0, 140		0.016	0. 164	○ 600	1350.00	1, 2	0.65	0, 184	•	30.76 30.66	<u> </u>
(25)	98.15	283.39			98.15	283.39	26,920	0.063		0.063	3.3	0.208		0.025	0. 233	O 700	670.00	1.0	0.66	0.254		29.99	
(26) ₂																						29.49	
	277.21	1057.24			277.21	1 057.24	100,440	0.234		0.234	2.6	0.608		0.093	0. 701	○1200	1 19 0.00	0.6	0.73	0.828	:	28.78	
27	0.00	2600.00			0.00	2600.00	247,000	0.575		0.575	2.2	1.265		0.229	1. 494	⊙1650	40.00	0.4	0,74	1, 580		28.33 28.31	
		T	Eas	ilities																			
	10	Tratment	Fuc	ilities																			
			i ii																		: '		
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ſ	Name of Zone		Area (h	a)	Population	Population			Unit Flow	
. -		Residential	Commercial	Total	Density		Per	Capita	Commercial	in filtration
	ZONE 7	6,400		6,400	116 persons	742,200 persons	201	1/c/d		7.6 ^{m3} /ha/d

S		Area l	y Lan	nd Use		A = 0.0		Day	mandia 14/	a a k a w a k a v	Flo		A.,	- ,				_				:	
Sewer	Resid	dential	Com	mercial		Area 1	uo	טט	<u> </u>	astewater I		, w	Othe	r Flow			T	Des	signed	Sewer	0	<u> </u>	_
No. of Se	Increment	Area	Increment	Area Total	increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	edking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remark
-	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/ s	m³/ s	ď	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m ³ /s	m	m	
	45.61				45.61		5,290	0.012		0.012	4.7	0.056		0.001	0.057	O 350	570.00	2.2	0.00			34.65	<u> </u>
	-70.01		· · · · · · · ·		45.01		0,200	0.012		0,012	4.1	0.056		0.001	0.057	0 350	370.00	2.4	0.62	0.062		33.40 32.95	
(5)	286,99	332.60			286.99	332.60	38,580	0.090		0.090	3.2	0. 288		0.003	0.291	⊙ 800	770.00	0.8	0.65	0.324		32.33	
3	22.43	355.03	i i		00.47	355.03	4 100	0.006		0.000		0.000		0.005	0.707	0						32.33	
P	22.43	300.03			22.43	395.03	41,180	0.096		0.096	3.1	0.298		0.005	0.303	○ 800	970.00	0.8	0.65	0.324		31.55	
7-)			25	1								1.11											Pumping Sto
4																						34.00	
	202.60	577.63	<u> </u>	e de de la Companya d	202.60	557.63	64,690	0. 150		0.150	2.9	0.435		0.032	0.467	0 1000	1040.00	0.6	0.65	0.509	,	33.38	
(5)	242.68	800.31			242.68	800.31	92,840	0.216		0.216	2.7	0.583		0.070	0.653	0 1100	1560.00	0.6	0.69	0.656		33.28 32.34	-
					1 14 5 4 2					1 4. 1												31.80	
(<u>6</u>)	189.74	990.05			189.74	990.05	114,850	0.267		0.267	2.6	0.694		0.087	0.781	⊚ 1200	820.00	0,6	0.73	0.828		31.31	
7	126.85	1116.90			126.85	1116.90	129, 560	0.301		0.301	2.5	0.753		0.098	0.851	0.1350	1710.00	0.5	0.72	1.034		31.16	1.
	120.00	1110.00			120.00	1110.50	123, 300	0,301		0.301	2.5	0.755		0.038	0.601	0 1350	1710.00	0.5	0.72	1.034		30.31	
(8)	167.22	1284.12			167.22	1284.12	148,960	0.347		0.347	2.4	0.833		0.113	0.946	⊙ I 3 50	300.00	0.5	0.72	1.034		30.31 30.16	1
P 7-2								i del del													8		
			<u> </u>																		37. (Pumping St
(9)	136.20	1 420. 32	7		136.20	1420.32	164,760	0.383		0, 383	2.4	0.919		0. 125	1. 044	O 1500	1700.00	0.5	0.78	1.370	,,,	33.50 32.65	
(10)												1.										32.65	
	180.56	1600.88			180.56	1600.88	185,700	0.432		0.432	2.3	0.994		0.141	1. 135	⊙ 1500	560.00	0.5	0.78	1.370		32.37	:
(i)	193 19	1794.07			193.19	1794.07	208,110	0.484		0.484	2.3	1.113		0. 158	1.271	O 1500	1 350.00	0.5	0.78	1.370		32.37 31.70	
										0, 101				0.700		0 1000	1000.00		0.70	1.310		30,95	
(15)	229.33	2023.40			229.33	2023.40	234,110	0.546		0.546	2.2	1.201		0.178	1.379	⊙ 1650	380.00	0.4	0.74	1.580		30.80	
	to	30															11						
																						34.60	
13	52.05				52.05		6,040	0.014		0.014	4.6	0.064		0.005	0.069	⊙ 400	1370.00	1.9	0.63	0.079		32.00	
14)																						31.70	
	128.98	181.03			128.98	181.03	21,000	0.049		0.049	3.5	0. 172		0.016	0.188	○ 700	590.00	I O	0.66	0.254		31.11	
(15)	77.0i	258.04	h , z		77.01	258.04	29,930	0.070		0.070	3.3	0.231		0.023	0. 254	o 700	820.00	1.0	0.66	0.254		31.11 30.29	
(16)									1 41								v i					29.90	
(16)	361.62	619.66			361.62	619.66	71,880	0.167		0, 167	2.8	0.468		0.055	0.523	01100	420.00	0.6	0.69	0.656	·	29.64	1
7		789.88		[4.2 大大田園									100		٠. ا	29.64	w]

Name of Zone		Area (h	a)	Population Density	Population		Unit Flow		
	Residential	Commercial	Total	ļ		Per Capita	Commercial	Infiltration	
ZONE 7	6,400		6,400	il6 persons ha	742,200 persons	201 /c/d	II6 ^{m³} /ha/d	7.6 ^{m5} /ha/d	

ers.	Resi	Area idential		nd Use mercial		Area		Don	nestic W	/astewater	Flo	W	Othe	r Flow		7000		Des	igned	Sewer			
No. of Sewer	increment	Area	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remar
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m ³ / s	<u>a</u>	m³/s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	m	m	
P 7-3	i Tarangan																				•		Pumping St
(8)	· · · · · · · · · · · · · · · · · · ·												_									33.80	· unping o
	200.72	990.60			200.72	990.60	114,910	0.267		0.267	2.6	0.694		0.087	0.781	0 1200	2 050.00	0.6	0.73	0.628		32.57	
19	713.55	1 704.15			713.55	1704.15	197,680	0.460		0.460	2.3	1.058		0.150		0.500						32.27	<u> </u>
	113.33	1104.13			113.55	1704.13	131,000	0.460		0.460	2.5	1.058		0.150	1, 208	0 1500	1060.00	0.5	0.78	1.370		31.74 31.59	
20	351.52	2 055.67			351.52	2055.67	238,460	0.555	-	0.555	2.2	1. 221	3 3	0.181	1.402	⊙ 1650	810.00	0.4	0.74	1.580		31.27	
21)	770.16	2 325.82																				31.12	
\mathcal{L}	210.15	2 3 2 3 . 8 2			270.15	2325.82	269,800	0.628		0.628	2.2	1.382		0.205	1,587	⊙ 1800	1 140.00	0.4	0.78	1.992	1:	30.66	
	to	(28)																	11.	3 (*)			
22)							1							1 1 1 1								34.55	:
	83.28		ļ		83.28		9,660	0.022		0.022	4.1	0.090	: .	0.007	0.097	O 450	1500.00	1.6	0.62	0.099		32.15	
23	61.58	144.86			C. 50	144.00	10.000	0.070		0.070												32.00	
$\overline{}$	01.00	144.00		10	61.58	144.86	16,800	0.039	<u> </u>	0.039	3.7	0.144		0.013	0.157	⊙ 600	1030.00	1.2	0.65	0.184		30.76	<u> </u>
24)	123.10	267.96			123.10	267.96	31.080	0.072		0.072	3.2	0.230		0.024	0.254	⊙ 700	910.00	Ι.Ο	0.66	0.254	8	30.66 29.75	
P)			:																		37.0		
7-4)			-				1														147		Pumping S
25	220.25	488.21			220 25	488.21	36,630	0.132		0. 132	2.9	0.383		0.043	0.426	0.000						34.10	1
$\overline{}$						11	1	0.102		0.102	2.0	0.000		0.043	0.426	○ 900	820.00	0.8	0.70	0.444		33.44 33.24	
26)	190.66	678.87			190.66	678.87	78,750	0. 183		0.183	2.7	0,494		0.060	0.554	⊚ 1100	1140.00	0.6	0.69	0.656		32.56	
27)																						32.56	
	87.79	766.66			87.79	766.66	88,930	0.207		0.207	2.7	0.559		0.067	0.626	0 1100	1240.00	0.6	0.69	0.656		31.82	
28)	211.81	3304.29			211.81	3304.29	383,300	0.892		0.892	2.i	1.873		0. 291	2.164	⊚ 1900	920.00	0.4	0.81	2.301		30.56	
																	J	<u> </u>	0.01	2.301		30.19 30.19	÷
29	96.34	3400.63			96.34	3400.63	394,470	0.918		0.918	2.0	1.836		0.299	2.135	⊙ 1900	1060.00	0.4	0.81	2.301		29.77	·
30	70.00	E4E4 70			30.00	E 454 70	632,700	470		470												29.47	
		5454.32			30.23	0404.52	032,700	1.472		1.472	1.9	2.797		0.480	3.277	○ 2200	280.00	0.4	0.90	3.402		29.36	· · · · · · · · · · · · · · · · · · ·
	to	(37)																					
31)																					: '	34.60	· · · · · · · · · · · · · · · · · · ·
	51.74				51.74		6,000	0.014		0.014	4.6	0.064		0.005	0.069	O 400	300.00	1.9	0.63	0.079		34.03	
52	94.67	146.41			9467	146.41	16,980	0.040		0.040	3.7	0. 237		0.017	O 050	0.700	760.00		0.55	الصديرا		33.73	to starting
	34.01	170.71			0 7.01	170.73	10,300	0.040		0.040	3.7	0. 231		0.013	0. 250	<u> </u>	100.00	1.0	0.66	0.254		32.97	
33)	27.90	274.31		e in	127.90	274.31	31,820	0.074	Association of the second	0.074	3.2	0.237		0.024	0.261	⊙ 800	1110.00	0.8	0.65	0.324		32.87 31.98	

Name of Zone	Area (ha	Population Density	Population		Unit Flow		
ZONE 7	Residential Commercial 6,400	Total persons ha	742,200 persons	Per Capita 201 1/c/d	Commercial 116 m³/ha/d	Infiltration 7.6 ^{m³} /ha/d	

STS	Resi	Area idential	T	a Use nercial		Area		Dor	nestic W	astewater	Flo	w	Othe	r Flow				Des	igned	Sewer			
No of Sewers	Increment	Area	Increment	Area	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	edking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remo
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m³/s	Ğ.	m³/s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	m	m	
34	125.05	399.36			125.05	399.36	46,330	0.108		0.108	3.1	0.335		0.035	0. 370	⊙ 900	900.00	0.8	0.70	0.444	1, 1,	31, 88 31, 16	
35)	91.81	499.17			91.81	491.17	56,980	0. 133	•	0.133	2.9	0.386		0.043	0.429	0 900	1020.67	0.8	0.70	0.444		31. 16 30.34	
36)	factoria.	577.53																		1.	8	30.24	
37						577.53	66,990			0.156	2.8	0.437		0.051	0.488	⊙ 1000	2240.00	0.6	0.69	0.656	37.	28.90 27.60	
	1.7	6081.04	. :		49.19	6081.04	705,400	1.641		1.641	1.9	3.118		0.535	3.653	O 2300	990.00	0.4	0.92	3.831		27.20 27.10	
(38)	318.96	6400.00			318.96	6400.00	742,400	l. 72 7		1.727	1.9	3.281		0.563	3.844	O 2400	800.00	0.4	0.95	4.291		26.78	
	to	Treatmer	t Fac	ilities																			
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																						jaron (j. 1865.) Maria (j. 1865.)	:

Name of Zone		Area (ho	3)	Population	Population		Unit Flow		
	Residential	Commercial	Total	Density		Per Capita	Commercial	Infiltration	
ZONE 8	4,195	5	4,200	80 persons	336,700 persons	201 1/c/d	116 ^{m³} /ha/d	7.6 m³/ha/d	

Sewers	Resi	idential	by Lan Comi	mercial		Area		Doi	nestic W	astewater	Flo) W	Othe	er Flow				Des	signed	Sewer			
No. of Set	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Pedk Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert	Remar
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/ s	m³/s	Δ.	m³/s	m³/s	m³/s	m³/s	m m	m	%	m/s	m³/s	m	m	
\bigcirc	17.72		5.00		22.72		1,820	0.004	0.007	0.011	4.8	0.052		0.002	0.054	⊙ 350	470.00	2.2	0.62	0.059		34,65 33,62	-
2	57.28	75.00		5.00	57.28	80.00	6,400	0.015	0.007	0.022	4.2	0.092		0.007	0.099	○ 450	670.00	1.6	0.62	0.099		33.52 32.45	
3	73.63	148.63		5.00	73.63	153. 63	12,290	0.029	0.007	0.036	3.7	0.133										32.30	-
											3.7	0.155		0.014	0. 147	○ 600	790.00	1.2	0.65	0.184		31.35 31.25	
<u>4</u>)	60.36	208.99		5.00	60.36	213.99	17, 120	0.040	0.007	0.047	3.6	0.169		0.019	0.188	⊙ 700	450.00	1.0	0.66	0. 254		30.80	
5)	177.37	386.36		5.00	177.37	391.36	31,310	0.073	0.007	0.080	3.3	0. 264		0.034	0. 298	⊙ 800	1 100.00	0.8	0.65	0.324		30.70 29.81	
P 8-I																							Pumping S
6	132.14	518.50	:.	5.00	132.14	523.50	41,880	0.097	0.007	0.104	3.1	0.322		0.046		0 000	700.00					34.10	
7												0.322		0.046	0.368	○ 900	780.00	0.8	0.70	0.444		33.48 33.18	
	569.42	1087.92		5.00	569.42	1092.92	87,430	0. 203	0.007	0.210	2.7	0.567		0.096	0.663	O 1200	1470.00	0.6	0.73	0.828		32.30	
8)	340.79	1428.71		5.00	340.79	1433.71	114,700	0.267	0.007	0.274	2.6	0.712		0. 126	0. 838	Ø 1 3 50	1010.00	0.5	0.72	1.034	37.00	32.15 31.65	
<u>ا</u> (ق	93.91	1522.62		5.00	93.91	1527.62	122,210	0.284	0.007	0.291	2.6	0.757		0. 134	0.891	O 1350	990.00	0.5	0.72	1.034	1	31.65 31.16	
10	720 EC	1852.18		5.00	300 F.C	1857. 18	149 570	0.746	0.007	0.757	0.4	0.047										31,16	
$\stackrel{\smile}{\cap}$	329.00	1602.10		3.00	329.50	1037.10	148,570	0.346	0.007	0.353	2.4	0.847		0. 163	1.010	0 1350	1020.00	0.5	0.72	1.034		30, 65 30, 50	
\cup		2492.12		5.00	639.94	2497.12	199,770	0.465	0.007	0.472	2.3	1.086		0. 220	1.306	0 1500	1900.00	0.5	0.78	1.370		29.55	
	to	(19)	1.																			1: 1	
12	43.99				43.99		3,520	0.008		0.008	4.8	0.038		0.004	0.042	⊙ 3 00	800.00	2.8	0.63	0.044		34.70 32.46	
13)	99.27	132.26			68.27	130.06		0.005														32.26	
$\overline{}$					00.21	132.26	10,580	0.025		0.025	4.0	0.100		0.012	0.112	0 500	790.00	1,4	0.62	0.122		31.15 30.95	
	167.73	299.99			167.73	299.99	24,000	0.056		0. 056	3.4	0. 190		0.026	0.216	O 700	570.00	1.0	0.66	0.254		30.38	
- 1	285.01	585.00			285.01	585.00	46,800	0. 109		0. 109	3.1	0. 338		0.041	0.379	o 900	970.00	0.8	0.70	0.444		30.18 29.40	
P 8-2																							Pumping Sta
16)	73,21	658.21			73.21	658.21	52,660	0. 123		0.103	3 0	0.360		0.050	0.40~							34.10	
										0.123	3.0	0.369		0.058	0.427	900	1100.00	0.8	0.70	0.444		33.22 33.12	
$\mathcal{U}_{\mathbf{I}}$	237.55	895.76			237.55	895.76	71,660	0.167		0.167	2.8	0.468		0.079	0.468	Ø 1000	1230.00	0.6	0.65	0.509		32.38	

Name of Zone	Residential	Area (h Commercial	a) Total	Population Density	Population	Per Capita	Unit Flow	Infiltration	
ZONE 8	4,195	5	4,200	80 persons ha	336,700 persons			7.6 ^{m³} /ha/d	

ers	Reci	Area idential	T	nd Use mercial	/	Area		Don	nestic W	astewater	Flo	w	Othe	er Flow				Des	igned	Sewer			
of Sewer	Increment	Area	Increment	Area	ncrement	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	ng Factor	K Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	wer invert Elevation	Rema
No								ũ′ m³∕s	m³/s	m³,	Peaking	Ped A	1 :	1::	m³,					00 00 m3		<u></u> "Ж	
(81)	ha	ha 1283.69	ha	ha	ha	ha	persons		/s	m³/ s		m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m 32.18	
(19)		3819.47		5.00	1	1 283.69 3 824.47	102,700 305,960		0.007	0. 239	2.7	0.645		0.113	0.758		1030.00	. 1 :	0.73	0.828	37.00	31,56 29,25	
(20)		4195.00				4 200.00		13	0.007	0.719	2.2	1,582 1,657		0.336	1.918	0 1800		1 1 1	0.79	1.992	37	28.97 28.87	
<u>)</u>		Treatmen	Fac	ilities	310.00	4 200.00	336,000	0.162	0.007	0.169	2.1	1.657		0.369	2_026	0 1900	410.00	0.4	0.81	2.301		28.71	
																							· · · · · · · · · · · · · · · · · · ·
1.5																							
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Name of	Zone		Area (h	<u> </u>	Population Density	Population		Unit Flow		
 ZONE	9	Residential 4,595	Commercial 5	Total 4,600		368,100 persons	Per Capita 201 1/c/d		Infiltration 7.6 ^{m³} /ha/d	f ::

			R	esidential	Comme	rcial To	idi	Density persons,			Per Co		mmercia		iltration		1		* 1				
	ZON	E 9		4,595	5	4,	600 8	O ho	368,100	persons	201	/c/d	16 m ³ /	ha/d 7	.6 ^{m³} /ha/d							* *	:
								T					1			-							
Sewers	Res	idential	by Lan	nercial	,	Area	L C	Dor	nestic W	astewater	Flo	W	Othe	er Flow			· · · · · · · · · · · · · · · · · · ·	Des	signed	Sewer			
No. of Sev	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	edking Factor	Pedk Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert	Re
<u> </u>	ha	ha	-ḥa	ha:	ha	ha	persons	m³/s	m³/s	m ³ / s	ď	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	1
<u>•</u>	26.46		5.00		31.46		2,520	0.006	0.007	0.013	4.6	0.060		0.003	0.063	⊙ 400	530.00	1.9	0.63	0.079		34.60 33.59	
2	46.97	73,43		5.00	46.07	70 47	0.000	0.015	0.007	0.000		0.00				_						33.54	_
	46.31	13.43		5.00	46.97	78.43	6,280	0.015	0.007	0.022	4.0	0.088	1 1 1	0.007	0.095	○ 450	510.00	1.6	0.62	0.099	٠.	32.05	
(3)	376.24	449.67		5.00	376.24	454.67	36,370	0.085	0.007	0.092	3.1	0.285		0.040	0.325	⊙ 900	830.00	0.8	0.70	0.444		31,60 30.94	-
4	170.10	001.05																	2 1 10			30.94	
	172.18	621.85		5.00	172.18	626.85	50,150	0.117	0.007	0.124	3.0	0.372	25.5	0.055	0.427	○ 900	640.00	0.8	0.70	0.444		30.43	
(5)	68.11	689.96		5.00	68.11	694.96	55,600	0.129	0.007	0.136	2.9	0.394		0.061	0.455	01000	350.00	0.6	0.65	0.509		30.33	1
6																						30.12	
	96.22	786.18		5.00	96.22	791,18	63,290	0.147	0.007	0.154	2.8	0.431		0.070	0.501	⊙1000	740.00	0.6	0.65	0.509		29.68	<u></u>
(P)																					:		_ Pumpin
7						14															ļ	33.80	
\mathcal{O}	295.41	1082.59		5.00	296.41	1087.59	87,010	0.202	0.007	0.209	2.7	0.564		0.096	0.660	01200	1 820.00	0.6	0.73	0.828	00.	32.71	1
(8)	249.51	1332.10		5.00	249.51	1 337. 10	106,970	0.249	0.007	0.256	2.6	0.666		0.118	0.784	01200	1 280.00	0.6	0.73	0.828	37.	32.71	-
									31.		7			<u> </u>	<u> </u>	0,1200	1200.00	0.0	0.13	0.828		31.94 31.64	
	585.11	1917.21		5.00	585.11	1922.21	153,780	0.358	0.007	0.365	2.4	0.876		0.169	1.045	⊙1500	1 180.00	0.5	0.78	1.370		31.05	1
		2319.41		5.00	402.20	2324.41	185,960	0.433	0.007	0.440	2.3	1.012		0.204	1.216	01500	1730.00	0.5	0.78	1.370	: 1:	31.05 30.19	
(11)	1078 64	3 398.05		5.00	107964	3403.05	272,240	0.633	0.007	0.640				0.000							: .	29.89	
	. : :	-		3.00	1010.04	3403.03	272,240	0.655	0.007	0.640	2.2	1,408		0.299	1.707	01800	510.00	0.4	0.78	1.992		29.69	
	to	(20)		· · · · · · · · · · · · · · · · · · ·																			
(12)	75.36	i- -			75.36		6.070	0.014		0014		0.007		0.007	0.070							34,60	
	10.50				70.36		6,030	0.014		0.014	4.5	0.063		0.007	0.070	⊙ 400	1230.00	1.9	0.63	0.079		32.26 32.06	
(13)	100.24	175.60			100.24	175.60	14,050	0.033		0.033	3.8	0. 125		0.015	0.140	o 600	280.00	1.2	0.65	0.184	-	31.72	
(14)	175 66	311.06			175.00	711.00	04.000		1.4													31.62	1 1 1 1
$\overline{}$	135.00	311, 26			135.55	311.26	24,900	0.058		0.058	3.4	0. 197		0.027	0.224	○ 700	510.00	1.0	0.66	0.254		31.11	
(15)	56.08	367.34			56.08	367. 34	29,390	0, 068		0.068	3.3	0.224		0.032	0.256	⊙ 800	440.00	0.8	0.65	0.324		31.01 30.66	
(16)																						30.56	
		583.25			215.91	583.25	46,660	0.109		0.109	3.1	0.338		0.051	0.389	○ 900	690.00	0.8	0.70	0.444		30.01	
(P-S)															etaj na sije ko Stalija sato								Pumping
(17)	115 50	698.75			115 50	698.75	55,900	0.130		0. 130	3.0	0. 390		0.061	OAF	01000	000.50					34.00	
	1,,0,00			٠.	[113.30]	556,75	30,300	0.100		<u> </u>	<u> </u>	0.330		0,061	0,451	01000	900.00	0.6	0.65	0.509		33.46	

							en e		
Name of Zone		Area (h	a)	Population	Population		Unit Flow		
	Residential	Commercial	Total	Density persons.		Per Capita	Commercial	In filtration	
ZONE 9	4,595	5	4,600	80 Por 3017	368,100 persons	201 ¹ /c/d	II6 ^{m³} ∕ha∕d	7 .6 ^{m3} /ha/d	

Sewers	Resi	Area I		mercial		Area	Lo	Dor	mestic W	dstewater	Flo	> w	Othe	er Flow			T	Des	signed	Sewer	· · · · · · · · · · · · · · · · · · ·		
No. of Ser	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	edking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Ren
	ha	ha	ha	ha	ha	ha	persons	m³/s	m ³ /s	m³/ s	P _e	m ³ /s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	
(18)	171 40	870.15			17140	870.15	69,610	0. 162		0.162	2.8	0.454		0.077	0.531	⊙1100	780.00	0.6	0.73	0.826		33.36	
$\overline{}$	11 1. 4 U	310.10			111.40	110.13	03,010	0.102		0.102	2.0	0.404		0.011	0.331	31100	180.00	0.0	0.73	0.826	Q	32.89 32.89	
(19)	42.60	912.75		1	42.60	912,75	73,020	0. 170		0.170	2.8	0.476		0.080	0.556	⊙1100	900.00	0.6	0.73	0.828	37.00	32.35	
(50)	284.20	4595		5.00	284.20	4600.00	368,000	0.856	0.007	0.863	2.1	1.812		0.405	2.217	⊙1900	500.00	0.4	0.81	2.301		29.58 29.39	
			A 5-																			29.39	
	10	Treatmer	ı ru	cilities					1												i i		
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".	Name of Zone	ļ	Area (ho		Population Density	Population			Unit Flow	
		Residential	Commercial		noroono		···	Capita	Commercial	Infiltration
	ZONE 10	5,355	145	5,500	197 Parson 7 _{ha}	1,085,000 persons	201	1/c/d	116 ^{m³} /ha/d	7.6 ^{m³} /ha/d

i i		1	Area	by Lan	d Use									T										
á .	ers	Resi	dential		nercial		Area	c l	Doi	nestic W	astewater	Flo	W	Othe	er Flow				Des	igned	Sewer			•••
	No. of Sewer	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remarks
		ha	ha .	ha	ha	ha	ha	persons	m³/s	m³/s	m³/s	ď	m³/s	m³/s	m³/s	m³/s	m m	m	%。	m/s	m³/s	m	m ;	
÷ 1.		61,36				61.36		12,090	0.028		0.028	3.9	0.109		0.005	0.114	⊙ 500	1200.00	1.4	0.62	0.122		34.50 32.82	:
	2	89.05	150.41			89.05	150.41	29,630	0.069		0.069	3.3	0.228		0.017	0.00	0.700	200.00					32,62	
	(3)	03.03	130.41			00.00	100.41	20,000	0.003		0.000	3.3	0,226		0.013	0.241	0 700	800.00	1.0	0.66	0.254		31, 82 31, 62	
		86.23	236.64			86.23	236.64	46,620	0.108		0.108	3.1	0.335		0.021	0.356	⊙ 900	650.00	0.8	0.70	0.444		31.10	
1.7	4	68.33	304.97			68.33	304.97	60,080	0.140		0. 140	2.9	0.406		0.030	0.436	o 900	680.00	0.8	0.70	0.444		31, 10 30, 56	
				: :											0.000	0.400	0 000	300.00		0.10	0.444	1, ,	30, 36	
	(5)	76.11	381.08			76.11	381.08	75,070	0.175		0.175	2.8	0.490		0.034	0.514	01100	380.00	0.6	0.69	0.656		30.13	
	6	281.65	662.73			281.65	662.73	130,560	0.304		0.304	2.5	0.760		0.058	0.818	⊙ 1200	1 020.00	0.6	0.73	0.828		30. 03	
	(2)														0.000	0.010	01200	1020.00	0.8	0.73	0.626		29. 42 29. 27	
		112.93	775.66	1.1		112.93	775.66	152,810	0.355		0.355	2.4	0.852		0.068	0.920	⊙1350	860.00	0.5	0.72	1.034		28.84	
	(P)																							Pumping Station
1																							33.50	r umping Sidition
	8	156.62	932.28			156.62	932.28	183,660	0.427		0.427	2.3	0.982		0.082	1.064	⊙1500	1340.00	0.5	0.78	1.370	00	32.83	
	9	216.06	1 149.24			316 04	1149.24	226 400	0.527		0.507						A					37.	32.83	1.
		210.30	1175.24		<u> </u>	210.34	1145.24	226,400	0.527		0.527	2.2	1.159		0.101	1.260	O1500	260.00	0.5	0.78	1.370		32.70 32.55	
	(10)	209.55	1358.79		1	209.55	1358.79	267,680	0.623		0.623	2.2	1.371		0. 120	1.491	⊙। 650	1300.00	0.4	0.74	1.580		32.03	
		70.90	1438.59			70.00	1470 50	897.400	0.050		0.050												32.03	
		13.60	1436.59		<u> </u>	19.60	1438.59	283,400	0.659		0.659	2.1	1.384		0.127	1,511	○1650	680.00	0.4	0.74	1.580		31.76	
	(15)	133.06	1571.65		·	133.06	1571.65	309,620	0.720		0.720	2.1	1.512		0.138	1.650	⊙1800	1220.00	0.4	0.78	1.992		31.61 31.12	
	1 1	to	(16)						nasta. Sun judijan s															
: .		10	<u> </u>		The state of the s														: :				74.05	
	(13)	24.41	+ b -]	1		24.41		4,810	0.011		0.011	4.7	0.053		0.002	0.055	⊙ 350	560.00	2.2	0.62	0.059		34.65 33,42	
	(14)																						33.07	
		118.64	143.05			118.64	143.05	28,180	0.066		0.066	3.3	0.218		0.013	0.231	O 700	550.00	1.0	0,66	0.254		32.52	
7 ₄	(15)	50.94	193.99			50.94	193.99	38,220	0.089		0.089	3.2	0.285		0.017	0.302	⊙ 800	1020.00	0.8	0.65	0.324		32.42 31.60	
	(16)																						30.60	
		50.57	1816.21			50.57	1816.21	357,790	0.832		0.832	2.1	1.747		0.160	1.907	01800	990.00	0.4	0.78	1.992		30.20	
	[17]	364.32	2 180, 53			364.32	2 180.53	429,560	0.999		0.999	2.1	2.098		0.192	2.290	01900	1380.00	0.4	0.81	2.301		30.10 29.55	
																			•	-,			29.45	
	(18)	190.17	2 370.70		·	190.17	2 370.70	467,030	1.086		1.086	2.0	2.172		0. 209	2.381	02000	1480.00	0.4	0.84	2.639		28.86	

* .	ì	Name: of	Zone		Area (h	a)	Population	Population		Unit Flow		
				Residential	Commercial	Total	Density		Per Capita	Commercial	Infiltration	
		ZONE	10	5,355	145	5,500	197 persons	1,085,000 persons	201 1/c/d	116 m³/ha/d	7.6 ^{m8} /ha/d	

ers	Resi	Area dential	T	d Use mercial	1	\rea		Dor	nestic W	astewater	Flo) W	Othe	r Flow				Des	signed	Sewer		THE STEEL PAY ME ARRIVE A SECURITY AND ASSESSMENT ASSES	
No. of Sewers	Increment	Area Total	Increment	Area Total	Increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	eaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Rema
	ha	ha	ha	ha	ha	ha	persons	m³/s	m ⁸ /s	m³/ s	Q.	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	
(9)	101.97	2472.67			101.97	2472.67	487,120	1.133		1.133	2.0	2.266		0.218	2.484	o 2000	1 160.00	0.4	0.84	2.639	: -	28.86 28.40	
		38)																į.				20.40	
	to																						
(20)	70.03				70.03		13,800	0.032		0.032	3.8	0.122		0.006	0.128	⊙ 600	860.00	1.2	0.65	0.184		34.40 33.37	
(21)												14						12.5				33.27	1
	55.19	125.22			55.19	125.22	24,670	0.057		0.057	3.4	0.194		0.011	0. 205	○ 700	870.00	1.0	0.66	0.254		32.40	
(55)	90.57	215.79			90.57	215.79	42,510	0.099		0.099	3.1	0.307		0.019	0.326	o 900	410.00	0.8	0.70	0.444		32.20 31.87	1
23)	70.50	004.70		i. * ;																		31.57	:
\preceq	78.59	294.38	82.61		161.20	376.99	74,270	0.173	0.111	0.284	2.5	0.710		0.033	0.743	⊙ 200	1050.00	0.6	0.73	0,828		30.94	
(24)	88.13	382.51	48.50	131.11	136.63	513.62	101,180	0.235	0.176	0.411	2.3	0.945		0.045	0.990	01350	1570.00	0.5	0.72	1.034		30.79 30.01	
(25)																		· · · · · · · · · · · · · · · · · · ·				29.86	
	290.50	673.01	13.89	145.00	304.39	818.01	161,150	0.375	0.195	0.570	2.2	1.254		0, 072	1.326	⊙I 500	900.00	0. 5	0.78	1.370		29.41	<u> </u>
(26)	157.59	830.60	; t	145.00	157.59	975.60	192,190	0.447	0.195	0.642	2.2	1.412		0.086	1,498	⊙1650	1340.00	0.4	0.74	1.580	37.00	29.26 28.72	
(27)											1 41.	1 41 4					1				ĸ	28.72	
	85.18	915.78		145.00	85.18	1 060.78	208,970	0.486	0.195	0.681	2.1	1.430		0. 093	1.523	01650	1 130.00	0.4	0.74	1.580		28.27	<u> </u>
(28)	155.70	1071.48		145.00	155.70	1216.48	239,650	0. 558	0.195	0.753	2.1	1.581		0. 107	1.688	01800	1150,00	0.4	0.78	1.992	·	28.12 27.66	
 		(a)																				27.00	- Comment
	to	(38)		·		1+ .										· · · · · · · · · · · · · · · · · · ·							
(29)	50.98	***			50.98		10,040	0.023		0.023	4.1	0.094		0.004	0.098	O 450	710.00	1.6	0.62	0.099		34.55 33.41	
30)				. i																V.000		33.16	
	67.76	118.74			67.76	118.74	23,390	0.054		0.054	3, 4	0.184		0.010	0.194	O 700	510.00	1.0	0.66	0.254		32.65	
(31)	92.41	211.15			92.41	211.15	41,600	0.097		0.097	3 .1	0.301		0.019	0.320	⊙ 800	770.00	0.8	0.65	0.324		32.55 31.93	
(32)															ti ing 1941.							31.83	
(32)	96.33	307.48			96.33	307.48	60,570	0.141		0.141	2.9	0.409		0.027	0.436	⊙ 900	720.00	8.0	0.70	0.444		31.25	<u> </u>
(33)	170.28	477.76			170.28	477.76	94,120	0.219		0.219	2.7	0.591		0.042	0.633	⊙1100	800.00	0.6	0.69	0.656		31.05 30.57	
																		V. V	J. J.	0.300		30.17	
(34)	459.64	937.40			459.64	937.40	184,670	0.430		0.430	2.3	0.989		0.082	1.071	⊙1500	1150.00	0.5	0.78	1.370		29.60	
(35)	166.48	I 103. 88			166.48	1 103.88	217,460	0.506		0.506	2.2	1.113		0.097	1.210	⊙1500	880.00	0.5	0.78	1.370		29.60 29.16	
																						29.01	
	270.17	1 374.05		L	270.17	1374.05	270,690	0.630		0.630	2.2	1.386		0.121	1.507	01650	1080.00	0.4	0.74	1.580		28.58	

	Name of Zone		Area (h		Population Density	Population		Unit Flow		
		Residential	Commercial	Total	ļ 		Per Capita	Commercial	Infiltration	
	ZONE IO	5,355	145	5,500	197 porsony, na	l,085,000 persons	201 ¹ /c/d	II6 ^{m³} /ha/d	7.6 ^{m³} /ha/d	

Sewers	Resi	Area dential		nd Use mercial		Area	C	Dor	nestic W	astewater	Flo	W	Othe	er Flow				Des	signed	Sewer			
No. of Sew	Increment	Area Total	Increment	Area Total	increment	Total	Total Population	Residential (Ave.)	Commercial (Ave.)	Total	Peaking Factor	Peak Flow	Industrial	Infiltration	Total Design Flow	Diameter	Length	Slope	Velocity (Full)	Capacity (Full)	Ground Surface Elevation	Sewer Invert Elevation	Remark
	ha	ha	ha	ha	ha	ha	persons	m³/s	m³/s	m ³ / s	ă.	m³/s	m³/s	m³/s	m³/s	mm	m	%。	m/s	m³/s	m	m	
37)	122.26	1496.31			122.26	1496.31	294,770	0.686		0.686	2 1	1.441		0.132	1.573	⊙1650	480.00	0.4	0.74	1.580	37.00	28.58 28.39	
38	314.54	5355.00		145.00	314.54	5500.00	1083,500	2.521	0. 195	2.716	1.8	4.889		0.484	5.373	02700	1100.00	0.4	1.03	5.874	37.	26.76 26.32	
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