

CATCHMENT AREA

Catchment Name	Area (ha) ,	Time of Concentration (min.) to	Max Length (m)	Run_Off Coefficient (%)	Population 1997	Catchment Name	l Area (ha)	Time of Concentration (min.) to	Max Length (m)	Run_Off Coefficient (%)	Population 1997	Catchment Namə	Area (ha)	Time of Concentration (min.) Ic	Max Leogin (m)	Run_Off Coefficient (%)	1997
OAA_1	1.31	40	85	66%	114	1678_1 189A_1	4.33	4.6 4 3	226 253	76% 76%	284	60D_1	1.71	4.0		76%	28
0AB_1 0C_1	3 31 1 59	40	219 83	66% 66%	<u>114</u> 114	189B_1	2.00	4.0	• • • • • • • • • •	76%	171 284	60DA_1 60DB_1	1.30 2.70	4.0	New York Contraction of the second se	76% 76%	
18_1	4 29	46	301	66%	114	18C_1	2 32	40		75%	698	60EB_1	4.63	48		76%	47
IC 1	8 91	66	318	66%	114	190A_1	14.32	8.4	• · · · · · · · · · · · · ·	72%	147	63A_1	10.64	7.2		76%	49
2A_1	13 07	80	336	65%	114	192A_1	2 28	40	ere a searchearte,	66%	114	6388_1	8.74	86	the second second second second second	76%	57
28A_1 2C_1	7.97 8 27	6.3 6.4	223	66% 66%	114	193A_1 194_1	2.15 2.69	4.0 4.0		68% 76%	114	63C_1 63DB_1	11 68 24.14	7.6		76% 76%	52 42
3C_1	17.96	9.4	433	75%	527	196AA_1	4.44	4.7		72%	167	6308_2	8.31	6.4	1 - I I I I I I I I I I I I I I I I I I	76%	36
IAA_1	27.33	11.6	484	72%	167	196AA_1	1.34	40		66%	554	65_1	12 65	7.9		76%	17
4BA_1	22 52	10 5	476	72%	117	197AA_1	3.60	42	 • • • • • 	66%	114	66AA_1	0.70	4.0		76%	28
<u>,</u> 1	0.18	40	97	75%	691	19A_1	0.94	4.0	🛊	75%	694	67A_1	1.62	40		76%	28
9B_1 A_1	5.16 14.19	5.0 8.4	352 665	71%	687 700	202A_1 204A_1	1.76	4.0	* * *	66% 75%	114 317	678_1 68A_1	0.89	40	an and an arrival	76% 76%	28
3A 1	4 98	50	390	75%	607	204A_1	2 31	4 0	** ** ·** ·* ·** *****	66%	427	688_1	1.10	40	er i sasarin	76%	
3D_1	8.11	63	557	75%	622	206A_1	1.79	40		66%	114	69A_1	12.01	7.7		76%	-,
(A_1	8 38	6.4	268	76%	, 582	20A_1	1.40		and the second second second	75%	694	69DA_1	3.04	4 (76%	20
18_1	15.64	88	689	76%	710	210_1	1.29	4.0		78%	161	69BB_1	10.79	7.3		76%	2
5_1	3.67 19.84	43	223 638	76%	907 710	213A_1 2138_1	4.75	48 5.7		78% 78%	296 296	69C_1 69D_1	9.41 11.39	6.8	 A second constrained and and and and and and and and and an	76% 76%	2
7A_1 78_1	9.42	68.	571	75%	343	2130_1	9.90	7.0		72%	296	70_1	10.13	7.		76%	3
70_1	8.73		578	75%	419	213D_1	16 22	8.9		78%	296	7388_1	1.59	4 (Norman and a state	75%	2
3A_1	4.79	49	479	75%	243	214_1	3.40	4.1	· · · · · · · · · · · · · · · · · · ·	72%	358	74A_1	23.95	10 9	9 886	76%	2
<u>34_1</u>	6.15		728	c	1,101	216A 1	3.17	40		75%	296	74CA_1	2 30	4 (· •• · · · · • • • • • • • • • • • • •	76%	2
0_1	7.12	5.9 9.6	399 493		1,123	217B_1 2198_1	18.03	9.4	1	75% 72%	296 371	740_1 740A_1	1.62 0.81	4.6		76%	
3_1 4A_1	322		220	i ·	644	2190_1 23A_1	4.87	4.9		75%	290	7408 1	0.43	4.		76%	1
48_1	14.18	يو آست د د د	492		642	23C_1	11.48	7.6		75%	682	74DC_1	2 36	4		76%	1
5A_1	7.84		357	76%	629	246_1	8.89	6.6	449	79%	803	74FA_1	3.99	4,	4 241	76%	4
5A_1	12 99	4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	398		724	253_1	17.37	9.3		76%	664	758A_1	7.08	5		76%	1
81	9.24		284	•	536	26A_1	1.13			75%	646	75BB_1	9 63	6		76%	1
/A_1 JA_1	7.86	** *	444 359	* · · · · · · · · · · · · · · · · · · ·	687 387	26BB_1 27A_1	1.57			75%	647 1,038	75C_1 75DD_1	7.10	5 10	• • • • • • • • • • • • • • • • • • •	74% 74%	
3A_1	6.02	* =	320		805	278_1	7.69			75%	350	768_1	8.37	6.	e de entre la companya de la company	74%	
8_1	17.21		483		800	270A_1	5.72			75%	615	76E_1	2 36	4	•	71%	1
DA_1	14.67		372	76%	834	28AB_1	1 88		266	75%	64 6	76FA_1	1.14	4	0 93	76%	1
<u>1A_1</u>	4.50		203	· • • • • • • • • • • • • • • • • • • •	772	31_1	1.55			75%	646	76FC_1	2.15	<u>.</u>			
2_1 5AA 1	22.02		543 549		321	33D_1	24.31	11.0	· · · · · · · · · · · · · · · · · · ·	75%	329	79AA_1	2 83	4.		17%	
6_1	7.05	🛊 – – – – – – – – – – – – – – – – – – –	408	• • • • • • • • • • • • • • • • • • •	823 694	33E_1 33G_1	22.38	· · · · · · · · · · · · · · · · · · ·		75%	183	79AB_1 798B_1	4.67			77%	
7A_1	2.42		205		553	34BA_1	5.52	÷		75%	763	80A_1	2.12			 	1
A_1	2 76		249		825	34C_1	5.04	5.	352	75%	1,211	86_1	1.85	4	0 189	76%	4
2_1	16.05		475		648	40A_1	8.73	••• · · · · · · · · · · · · · · · · · ·		75%	6 16	87A_1	2.39		(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
3A_1 4B_1	2.56		242		602 641	41A_1 41C_1	8.09 5.83	No. I Company and an operation of the second s		75%	318 615	87B8_1 87CA_1	1.13	•	**		1
5A_1	693		372		570	43A_1	28,4	the second card and the second second		75%	571	87CA_1	1.30	\$ *		the rest war and the restrict rest.	
6A_1	6.04	· · · · · ·	350		570	468_1	6.4			76%	464	87CB_1	1.69	************************************	- ÷	in a second second second	1
68_1	1.54		125	A CONTRACTOR CONTRACTOR CONTRACTOR	570	46C_1	2.64	4.0	0 235	76%	526	86BA_1	1.44		0 115		1
6C_1	12		110		535	46D_1	7.9	*****			651	8688_1	1.68			· ÷ · · • · · · ·	1
7A_1 8A_1	9.00		312 343		448	<u>47A_1</u>	3.54			76%	798	88C_1	2.00		0 265		
8_1	11.14		485		284 387	478_1 48A_1	3.6			76% 78%	843 895	8988_1 89CA_1	1.58 1.81				1
0A_1	2 2		202		475	48B_1	4.9	3, 4.	9 243	76%	1,038	890_1	2.85			 A set of the set of	
08_1	1.8	3 4.0	166	5 76%	531	49_1	8.9	6.	6 280	76%	988	89EC_1	1.77	4	0 132	66%	
0B_1	09			f · · · · · · · · · · · · · · · · · · ·	1,021	50A_1	14.8		A 1997 A 1998 A 1998		1.121	89F8_1	1.04		0 88	•	
1A_1 7A_1	1.3				474	50B_1	22.4				505	1_AA09	3 29		.0 163		
2A_1 4AA_1	12				457 468	50EA_1 50E8_1	13.8 9.9			76%	665 616	90AB_1 908_1	2 52 5.97		0 147 4 232		
48C_1	0.4				363	51_1	9.3				652	91A_1	8.22				
4CA_1	1 2	4 40	116	5 71%	409	52A_1	15.0	5 8	6 416		429	91C_1	3.99		the second se	* • • • • · · · · · · · · · · · · ·	
5AA_1	10		• • • • • • • • • • • • • • • • • • •		285	53A_1	21.1		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · ·	578	91EA_1	1.78	4	0 122	66%	
5AB_1	3.6		 		380	54A_1	15.5				659	91EC_1	0.96	AND IN A MARK 1999 1	0 83		
5AC_1 5AD_1	1.9				256 200	558_1 55C_1	1.7				387	91FA_1 91GA_1	1.62		0 109		i
58_1	20				114	56A_1	25		0 128		725	916A 1	2 21		0 165		
SAA_1	24		166	3 71%	114	SECA_1	2.9				901	92AB_1	1.68		0 106		
TAA 1	26		146	3 71%	114	56E_1	4.9	4 4	9 265	76%	972	928_1	1.93	4	.0 119	78%	· · · · · · · · · · · · · · · · · · ·
99_1	0.4	• • • • • • •			284	57DA_1	4.2				885	92C8_1	10.00		.0 324		
1 <u>A_1</u>	1.0		• • • • • • • • • • • • • • • • • • • •		114	57E_1	3.1				703	92D_1	7.14		9 557		
1B_1 2AB_1	1.0		where the second second		284	58B_1 58D_1	25				474	93_1	5.41		2 245		<u>.</u>
5C_1	49		the second second second second second		284 465	59A_1	0.8				474	95AA_1 95B_1	4.28		6 225 0 426		
8A_1	88			· · · · · · · · · · · · · · · · · · ·	284	598_1	3.9		4 233		474	96_1	1.9		10 10		
88_1	12	5 4.0	11(284	590_1	4.0	4. 4	5 261	76%	471	98_1	5.64		.3 35		
31A_1	4.4		· · · · · · · · · · · · · ·	and the second s	114	60A_1	92	0 6	7 310		284	JT1_031	3.90	4	.4 20:		
82 <u>1</u>	1.7				114	608_1	23	1 4	0, 140		284	JT1_056	0.34		0 6		
34_1	7.0	9 5.9 7 7.3	274 389		114 284	60C_1 60CB_1	1.2		0 107 0 127		284 284	_JT1_060 _JT1_062	3.54 4.10		1.2 32 1.5 23		1

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Catchment	area (be)	Time of Concerlistics	Max Length	Run_Off Cooff Scol	Population
Name	Area (ha)	Concentration (min.) to	(m)	Coefficient (%)	\$997
T1_063	4 02	45	318	76%	1,091
T1_074	0.54	40	74	76%	81
T1_075	3 52	42	341	76%	81
T1 016	5 99	54	700	76%	81
T1-018	4 45	47	405	77%	91
T1-019	4 64	48	627	77%	- 840
T1-020	3.82	43	352	75%	1,259
T1-021	34.10	130	863	77%	23
T1-022	11.49	7.5	573	75%	17
11-026	24 59	11.0	846	76%	28
T1-041	7.33	60	502	77%	90
11-057	4.15	45	400	76%	80
T1-078	18 97	9.7	643	76%	62
T1-082	18 62	96	746	75%	18
T1-084	19 23	9.7	1,052	75%	18
12-008	3.16	40	383	72%	61
T2-010	4.63	48	390	72%	42
12-036	14 39	8.4	725	77%	58
12-038	4.82	4.9	416	75%	98
12-040	4 07	45	362	75%	81
T2-044	3 36	4.1	305	77%	97
T2-046	2 92	4.0	272	75%	1,03
T2-057	2 00	40	205	75%	1.03
T2-064	8 06	6.3	510	76%	1,00
T2-071	13.70	8 2	699	76%	. 92
172-076	3.42	4.1	267	72%	56
T2-084	1.76	4.0	225	79%	90
172-085	7.26	60	434	79%	
T2-089	2 74	4.0	271	79%	80
T2-094	2 31	4.0	226	79%	80
172-101	8.49	65	437	77%	81
172-107	5 58	5.2	374	75%	65
12-110	18.00	9.4	612	75%	80
J134A_1	8.76	6.6	456	76%	
J42AA_1	28.65		800	76%	57
J42B8_1	24.99	11.1	881 881	77%	73
J438_1	36.69 18.96	13.5 9.7	888	77%	33
J45A_1			1,747	75% 78%	31
J47A_1 J478_1	64.43 54.19	16.4	1,514	78%	39
U521A_1	10.64	7.3	375	76%	48
U521C_1	12 38		326	76%	26
US3_1	23.08		554	74%	54
U541A_1	4.41	4.7	163	76%	22
U543A_1	8.30	kaan keessa ka sa ka	278	76%	22
US6E_1	6.90	4	460	78%	
U578_1	13.13	ées sous so	544	72%	68
U61A_1	4.55	÷	275	76%	89
U618 1	13.59	• — ··· ··· ··· ···	395	76%	1,01
U62A 1	14.09			76%	39
U63A_1	22 35		529	76%	51
U63C_1	10.64	7.2	284	76%	44
U64A_1	5.98		368	76%	53
U66A_1	16.66		651	76%	84
U82A_1	11.93	7.7	370	76%	6
U82E_1	12.62	7.9	487	76%	66
U83A_1	9.42		460	76%	74
0007_1		6.1	483	76%	87

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Oischargs [1/5]

Line No. (Distance in m)	Minimum (m³/s)	Maximum (m /a)	Minimum Time	Maximum Time	Accumulated Volume (m3)	Line No. (Distance in m)	Minimum (m³/s)	Maximum (m ³ /s)	Minimum Time	Maximum Time	Accumulat Volume (m
A Zone]						590_1 580_1 2897	-0.15	0.12	1959/1/1 12 20	1999/1/1 12.40	-1
0101 10105 0505	-0.05	0.28	1999/1/1 12:00	1999/1/1 14:00	243.4	59D_1 58D_1 80.91	-0.14	0.11	1999/1/1 12 20	1999/1/1 12.40	
000_1 1000_2 37.95	-0 26	0.35	1999/1/1 12.40	1999/1/1 14:00	-86.4	59D 1 60EB 1 34 20	- 0.05	0.14	1999/1/1 14:00	1999/1/1 12:20	
1020,1 1020,2 4101	-0.07	0 96	1999/1/1 12.40	1999/1/1 14:00	819.2	590_1 60EB_1 102 59	0.05	0.15	1999/1/1 14:00	1999/1/1 12:20	
152,1 - 618,1 ,26.32	0.00	0.40	1993/1/1 11:00	1999/1/1 14:00	577.1	60C_1 68A_1 30.36	-0 05	0.01	1999/1/1 14:00	1999/1/1 13:40	
52 1 618 1 70 96	<u> 0</u> 00	0 39	1999/1/1 11:00	1999/1/1 14:00	565 0	68A_1 67B_1 2589	-0.17	0.03	1999/1/1 14:00	1993/1/1 13.40	
52 <u>1</u> 618 <u>1 131.59</u>	0.00	0 35	1999/1/1 11:00	1999/1/1 14:00	551 2	68A.1 67B.1 77.66	-0.17	0.02	1999/1/1 14:00	1999/1/1 13:20	
1B_1 157A_1 30.04	0.00	0 38	<u>1999/1/1 11:00</u>	1999/1/1 14:00	533.7	68A 1 67B 1 129 43	-0.18		1999/1/1 14:00	1999/1/1 13:20	
18,1 157 <u>A,1 90,11</u>	0.00	0 38	1999/1/1 11:00	1999/1/1 14:00	5190	7388,1 690,1 27,77	-0.01	0.01	1999/3/1 14:00	1999/1/1 13.40	
18 1 157A 1 150 18	0.00	0 39	1999/1/1 11:00	1999/1/1 14:00	504 3	7368 1 600 1 83 31	-0.02	0.00	1999/1/1 14:00	1999/1/1 13.40	
18 1 157A 1 21025	0.00	0 39	1999/1/1 11:00	1999/1/1 14:00	431.7	7368_1 60C_1 138.84	-0.03	0.00	1999/1/1 14:00	1999/1/1 11:40	·
57A 1 175C 1 32 99	-0.03	0 3 1	1999/1/1 13:20	1999/1/1 14:00	349 6	744.1 768.1 25.20	0.00	0.18	1999/1/1 11:00	1999/1/1 14:00	.
57A 1 175C 1 98 98	-0.06	0.32	1999/1/1 13:20	1999/1/1 14:00	316.6	74A_1 76B_1 75.61	0.00	0.18	1999/1/1 11:00	1999/1/1 14:00	
57A_1 175C_1 184.96	-0.10	0.33	1999/1/1 13:20	1959/1/1 14.00	276 9	74A 1 76B 1 126 D2	0.00	0,18	1999/1/1 11:00	1999/1/1 14.00	
57A_1 175C_1 230.95	-0.14	0 34	1999/1/1 13 20	1999/1/1 14.00	2172	74F8_1 74G_2 33.63	-0.18	0 2 7	1999/1/1 12.40	1999/1/1 14.00	
57A_1 135C_1 296.93	-0.17	0.35	1999/1/1 13:20	1999/1/1 14:00	172.3	82A,1 82A,2 39.75	-0.33	0.30	1999/1/1 12.40	1999/1/1 14:00	
574,1 1750,1 362.92	-021	0 36	1999/1/1 13 20	1993/1/1 14:00	122.4	89AB_1 768_1 2287	0.00	0.05	1999/1/1 11:00	1993/1/1 14:00	
157A_1 175C_1 429.91	-0,24	037	1999/1/1 13:20	1999/1/1 14:00	72 9	89AB 1 76B 1 68.60	0.00	0.04	1999/1/1 11:00	1999/1/1 10:00	
57A 1 175C 1 494 89	-0.28	0.31	1999/1/1 13:20	1999/1/1 14:00	23 3	89AB_U 768_1 114.33	0.00	0.04	1999/1/1 11 00	1999/1/1 14:00	
157A 1 175C 1 560 88	-031	0.38		1999/1/1 14.00	-339	69AB 1 76B 1 160.06	0.00	0.04	1999/1/1 11:00	1999/1/1 14:00	
57A,1 175C,1 62686	-0,33	86.0	1999/1/1 13 20	1999/1/1 14:00	-156.4	B9FC 1 B9G 2 38 02	-0.21	0 25	1999/1/1 12.40	1999/1/1 14:00	
57A 1 175C 1 692 85	-0 36	0.38	1999/1/1 13 20	1999/1/1 14:00	-265.0	89FC1 890,2 11406	-0 21	0 25	1993/1/1 12:40	1999/1/1 14:00	
57A 1 175C 1 758 83	-0 38	0 38	1999/1/1 13 20	1999/1/1 14:00	-3726	66AA 1 67B 1 45.45	-0.01	0 08	1999/1/1 13:20	1999/1/1 14:00	
1750 1 688 1 40.15	-042	0.74	1993/1/1 13-20	1999/1/1 14:00	-1355	56CB_1 56DA_1 31.99	-0.33	0 30	1999/1/1 12:40	1999/1/1 14:00	
175C 1 68B 1 120.46	~0.43	0.74	1999/1/1 13:20	1999/1/1 14:00		560B1 570B1 32.97	-0.01	0.03	1999/1/1 14:00	the second s	
588 1 60D 1 29.54	-0.49	0.90	1999/1/1 13:20	1999/1/1 14:00	-339.8	560B 1 570B 1 98.91	-0.01	0 03	1999/1/1 14:00	1999/1/1 12:40	
50D_1 ~- 60CB_1 21.18	-0.44	101	1999/1/1 12.40	1999/1/1 14:00	-356.7	199A 1 91FB 1 27.90	-0.09	0.04	1999/1/1 14:00	1999/1/1 12:40	
50C8_1 155AA_1 14.54	-0 55	1.08	1999/1/1 12.40	1999/1/1 14:00		199A 1 91F8 1 83.70	-0.09	0 0 1	1993/1/1 14:00	1999/1/1 12.40	
165AA 1 164AA 1 21 58	-0.47	0.90	1999/1/1 12.40	1999/1/1 14:00	-299 2	153A_1 56A_1 35.99	-0.01	0.07	1999/1/1 12:40	1999/1/1 14:00	
64AA 1 60DA 1 26 D8	-0 68	1,13	1999/1/1 12:40	1999/1/1 14.00		153A_1 56A_1 107.98	-0.05	0.07	1999/1/1 12.40	1999/1/1 14:00	1
00A 1 6008 1 32.68	-0.76	0.91	1999/1/1 12:40	1999/1/1 14:00	-784.0	15741 1750 1 3299	-0.03	0.31	1999/1/1 13:20	1999/1/1 14:00]
500A_1 6008_1 _ 58.05	-0.84	0.91	1999/1/1 12:40	1999/1/1 14:00	- 983.1	157A 1 175C 1 98 98	-005	0.32	1999/1/1 13 20	1999/1/1 14:00]
5008_1 60€8_1 43.37	-1.09	1.01	1999/1/1 12:40	1999/1/1 14:00		157A1 125C1 18496	-0.10	0 3 3	1999/1/1 13:20		
50D8 1 60E8 1 130.12	-1.18	1.01	1999/1/1 12:40	1999/1/1 14:00		157A 1 125C 1 230.95	-0.14	034	1999/1/1 13 20	1999/1/1 14:00	
50EB 1 60EB 2 3586	-1.07	1.20	1999/1/1 12.40	1999/1/1 14:00	-2,085.1	157A 1 175C 1 296 93	-017	0.35	1999/1/1 13:20		[
SOEB 1 SOEB 2 107.58	-1 54			1999/1/1 14:00		157A 1 175C 1 362.92	-021	0.36	1999/1/1 13:20	1999/1/1 14:00	
50EB 1 60EB 2 179.30	-1.59			1999/1/1 14:00		157A 1 175C 1 428 91	-0.24	0.37	1999/1/1 13:20		[
154A 1 56CA 1 24.48	-0.24	0.29	1999/1/1 12.40	1999/1/1 14:00	164.3	157A 1 175C 1 494.89	-0.28	0.37	1999/1/1 13:20	1999/1/1 14:00]
56CA 1 57C 1 36 90	-007		1999/1/1 12.40	1999/1/1 14.00		104AA 1 104BA 1 581.19	0.00		1999/1/1 11:00	1	
56CA 1 57C 1 110.70	-0.12	0.04		1999/1/1 14:00	-106.7	104AA 1 104BA 1 642 37	0.00		1999/1/1 11:00		
510_1 58B_1 26 80	-0.13	0.01	1999/1/1 12:40	1999/1/1 13:20	-249.6	1048A_1 1048_2 30.31	-0.01	1.03	1999/1/1 12.40	1999/1/1 14:00	1
568 1 58C 1 3501	-0.42	0.28	1999/1/1 12:40	1999/1/1 14:00	-408 2	1048A 1 1048 2 90 94	-0.02	1.03	1999/1/1 12.40	1999/1/1 14.00	jj
58B 1 58C 1 105.03	-0.49	0.28	1999/1/1 12:40	1999/1/1 14:00	-5222	1048A 1 1048 2 151.57	-0.03	1.03	1999/1/1 12:40	1999/1/1 14:00	1
58C_1 58D_1 3933	-0.59	0.33	1999/1/1 12.40	1999/1/1 14:00	-838 5	1048A_1 1048_2 212 20	-0.04	1.03	1999/1/1 12:40	1999/1/1 14:00	1
58C 1 58D 1 117.99	-0.65	0 3 3	1999/1/1 12:40	1999/1/1 14:00	-961.9	1048A_1 1028_1 28.80	-0.02	0.10	1999/1/1 13:20	1999/1/1 14:00	1
58D_1 58D_2 29.82	-0.51	033	1999/1/1 12.40	1999/1/1 14:00	-726.6	1048A 1 1028 1 86.40	-0.02	0.10	1999/1/1 13:20	1999/1/1 14:00	
58D_1 56D_2 89.46	-0.51	0 33	1999/1/1 12.40	1999/1/1 14:00		1048A 1 1028_1 144.00	-0.02	0.10	1999/1/1 13:20	1999/1/1 14:00	
580_1 580_2 149.10	-0.51	0 33	1999/1/1 12:40	1999/1/1 14:00	-848 2	1048A_1 1028_1 201.60	-0.02	0.10	1999/1/1 13:20	1999/1/1 14:00	
58D_1 58D_2 208 74	-0 51	0.33	1999/1/(12:40	1999/1/1 14:00	-927.6	1048A 1 1028 1 259.20	-0.02	0.10	1999/1/1 13:20	1999/1/1 14:00	
154A 1 154B 1 30 58	-001	0.03	1999/1/1 12:40	1999/1/1 14:00	-56.0	1784 1 1768 1 32.32	0.00	0 23	1999/1/1 11:00	1999/1/1 14:00	
154A_1 1548_1 91.74	-0.08	0.03	1999/1/1 12.40	1999/1/1 14:00	-64.5	178A_1 1788_1 96.95	0.00	0 23	1999/1/1 11:00	1999/1/1 14:00	
154A 1 1548 1 152 90	-0.08	0.03	1999/1/1 12:40	1999/1/1 14:00	-72.9	178A 1 178B 1 161.59	0.00	0.22	1999/1/1 11:00	1999/1/1 14:00	
1548_1 57C_1 41.57	-0.17	0.17	1999/1/1 12:40	1999/1/1 14:00		66BA 1 175C 1 3128	-0.03	0.27	1999/1/1 13 20	1999/1/1 14:00	1
154B_1 588_1 35.71	-0 26		1999/1/1 12:40	1999/1/1 14:00		668A 1 1750 1 93.78	-0.04		1999/1/1 13:20		
154B 1 59A 1 3964	-006		1999/1/114.00	1999/1/1 13:20	-45.3	164AA_1 164AB_1 27.45	-0.21		1999/1/1 12:40		·
154B_1 59A_1 11B 92	-0.06			·		164AA 1 164AB 1 82.36	-0 25	0.41	1999/1/1 12:40	· · · · · · · · · · · · · · · · · · ·	
59A,1 598,1 44.64	-0.40	0.28	1999/1/1 12.40	1999/1/1 14:00	and the second sec	164AA 1 164AB 1 137.27	-0 28	0.41	1999/1/1 12.40	1999/1/1 14:00	
598 1 590 1 35 69	-0.64					164AA 1 164AB 1 192.18	-031	0.41	1999/1/1 12:40		
598_1 59C_1 107.06	-0.75		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	-986.8	184AB 1 165AB 1 20.50	-0.45	0.25	1999/1/1 14:00	1999/1/1 12.40	
59C 1 59D 1 38.95	-0.91					165AB 1 165AC 1 3723	-0.31	0.37	1999/1/1 12:40	1999/1/1 14:00	
59C1 59D1 11686	-1.06					155AB 1 155AC 1 111.70	-0.42	0.37			
56E_1 57E_1 33.59	-0.06					165AC 1 165AD 1 28.32	-0.45	0.40	1999/1/1 12:40	1999/1/1 14:00	
56E,1 57E,1 100.77	-00	1			470 5	165AC_1 165AD_1 84.97	-0.47	0.40	1999/1/1 12.40	1999/1/1 14:00	
57E_1 57E_2 35.56	0.5			1999/1/1 14.00	-629.5	165AD_1 165B_1 26.34	-0.61	0.43	1999/1/1 12.40	1999/1/1 14:00	
57E 1 57E 2 106 69	-0 5					165AD 1 165B 1 79.03	-0.63		1999/1/1 12:40		
\$7E_1 57E_2 177.81	-0 5		1999/1/1 12:40	1999/1/1 14:00		1858 1 1858 2 31 20	-0.66	0.55	1999/1/1 12.40	1999/1/1 14:00	
56E_1 56E_2 37.10	0.70	0 5	1999/1/1 12:40	1999/1/1 14:00		1658 1 1658 2 93 60	-0.6	0.55	1999/1/1 12:40	1999/1/1 14:00	
56E_1 56E_2 111.30	-0.7		1999/1/1 12:40	1999/1/1 14:00	-897.8	165B 1 - 165B 2 156.00	-06	0.55	1999/1/1 12.40	1999/1/1 14:00	
56E 1 56E 2 185 50	-0.80	0.5	1999/1/1 12:40	1999/1/1 14:00	-1.026.2	1658 1 - 1658 2 218.40	-0.61	0.55		1999/1/1 14:00	
570 1 578A 1 36 07	-0 2			1999/1/1 14:00		184AB 1 164BA 1 37.75	-0.30				
57DA 1 57DB 1 40 85	-0.5(1 1999/1/1 12.40	1999/1/1 14:00		164AB 1 1648A 1 11326	-0.34				
5708 1 57E 1 42 33	-0.5					1648A 1 1648B 1 27.75	-0.3	** > ***			
57E 1 ~- 580 1 31.77	-0.0		······································		· · · · · · · · · · · · · · · · · · ·	1648A 1 1648B 1 8325	-038		• • • • • • • • • • • • • • • • • • •		
57E1 5901 9530	-0.0					16488 1 165AD 1 1973	-02		·	· · · · · · · · · · · · · · · · · · ·	· • · · · · · · · · · · · · · ·
58B 1 59B 1 33.47	-0.0					164AB,1 - 74FA_1 34.44	-0.23		t		· · · · · · · · · · · · · · · · · · ·
588_1 598_1 100.40	-0.1		- •			164AB 1 74FA 1 103.33	-0.20		1		
58C 1 59C 1 31.44	-0.0					184AB 1 - 74FA 1 172.22	-0.2		1		1
58C 1 59C 1 94.35	-0.0					74FA 1 60EB 1 30.71	-0,1		A		
59B 1 60DA 1 29.29	-0.2					74FA1 - 60EB1 92.12	-0.1		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
598 1 - 600A 1 87.87	-0.2			· · · · · · · · · · · · · · · · · · ·		74FA_1 60EB_1 153 53	-0.1				
59B1 60DA1 146.45	-0.2				· ·····	1648A_1 - 165AC_1 20.83	-0.3		* *		
······································			t	· · · · · · · · · · · · · · · · · · ·	The second s	1648A_1 160A_1 32.85	-0.3		• •		
59C1 60DB1 39.54	-0.21									0 1999/1/114:0	

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linimum (m ³ /s)	Maximum (m ³ /s)	Minimum Time	Maximum Time	Accumulated Volume (m3)
-0 36	033	1939/1/1 12.40	1999/1/1 14:00	- 405.7
037 -037	033	1999/1/1 12.40	1999/1/1 14:00 1999/1/1 14:00	-438 8
-019	023	1999/1/1 14:00	1999/1/1 12:40	213.4
-0.49	0.43	1999/1/1 12 40	1999/1/1 14.00	-703 1
0.50	0.43	1999/1/1.12.40	1999/1/4 14:00	-774.8
-0 57	0.43	1999/1/1 12:40	1939/1/1 14:00	-869.4
-0.52	0.49	1999/1/1 12:40	1999/1/1 14:00	-765 0
-0.25	0 26	1999/1/1 12.40	1999/1/1 14:00	-251 6
-0 28	0 26	1999/1/1 12.40	1959/1/1 14:00	-322 7
-0 08	0.12	1999/1/1 12.40	1999/1/1 14:00	-45 7
-0.10	0.12	1999/1/1 12.40	1999/1/1 14:00	- 90 1 - 283 1
-028	0.24	1999/1/1 12.40	1999/1/1 1400	-339.2
0.00	0 08	1999/1/1 11:00	1999/1/1 14:00	180 9
0.00	0.01	1999/1/3 11:00	1999/1/1 14:00	87.6
0.00	0.12	1999/1/1 11.00	1999/1/1 14.00	152.1
0.00	0.12	1939/1/1 11:00 1999/1/1 11:00	1999/1/1 14:00 1999/1/1 14:00	149 (142.1
0.00	0 24	1959/1/1 11:00	1999/1/1 14.00	258.1
0.00	0 23	1999/1/1 11:00	1999/1/1 14:00	242 9
0.00	0 12	1999/1/1 11:00	1999/1/1 14:00	155.0
0.00	012	1999/1/1 11:00	1999/1/1 14:00	151.4
0.00	022	1999/1/1 11:00	1999/1/1 14:00	274.9
0.00	0 21	1999/1/1 11:00	1999/1/1 14:00	266 :
0.00	0 34	1599/1/1 11:00	1999/1/1 14:00	371.4
0.00	0 33	1999/1/1 11:00	1999/1/1 14:00	360 1
0.00	0 25	1999/1/1 11:00	1999/1/1 14:00	304
0.00 0.00	024	1999/1/1 11:00	1999/1/1 14:00 1999/1/1 14:00	291.(218.(
0.00	0.17	1999/1/1 11:00	1999/1/1 14:00	215
0.00	0.17	1999/1/1 11:00	1999/1/1 14:00	214.0
0.00	0.17	1999/1/1 11:00	1999/1/1 16:00	211 (
0.00		1999/1/1 11:00	1999/1/1 14:00	206.
0 00	0.27	1999/1/1 11:00	1999/1/1 14:00 1999/1/1 14:00	260 2474
0.00		1999/1/1 11:00	1999/1/1 14:00	1651
0.00	0.15	1999/1/1 11:00	1999/1/1 14.00	160
0.00	0.14	1999/1/1 11:00	1999/1/1 14.00	
0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14.00 1999/1/1 14:00	140. 165
0.00		1999/1/1 11:00	1999/1/1 14.00	161
0.00		1999/1/1 11:00	1999/1/1 14:00	164
0 00		1999/1/1 11:00	1999/1/1 14:00	159
0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14:00	<u>t61.</u> 154.
0.00		1999/1/1 11:00	1999/1/1 14:00	
0.00		1999/1/1 11:00		
-0.24		1999/1/1 12.40		
-0.27		1999/1/1 12:40		
-031 -034		1999/1/1 12:40 1999/1/1 12:40		
-0 09		1999/1/1 12:40		
0.00	0.10	1999/1/1 11:00	1999/1/1 14:00	112
0.00		1999/1/1 11:00		
0.00		1999/1/1 11:00 1999/1/1 11:00	· ····································	
0.00		1999/1/1 11:40	the second se	
0.00	0.10	1999/1/1 11:40	1999/1/1 14:00	69
0.00		1999/1/1 11:00		
0.00		1999/1/1 11:00 1999/1/1 11:00		I
0.00		1993/1/1 11:00		
0.00		1999/1/1 11:00		462
0.00	2 ···· · · · · · · · · · · · · · · · ·	1999/1/111:00		
0.00		1995/1/1 11:00		
0.00		1999/1/1 11:00		
0.00		1999/1/1 11:00		
0.0	0.42	1999/1/1 11:00	1999/1/1 14:00	400
0 04		1999/1/1 11:00		
0.06		1999/1/1 11:00	• • • • • • • • • • • • • • • • • • • •	
-0.1		1999/1/1 11:00 1999/1/1 12:40		
0.0				
0.0		1999/1/1 11:00	1999/1/1 14:00	2 · · · · · · · · · · · · · · ·
0 0				
0.0				
0.0				1
-01				
	- • • • • • • • • • • • • • • • • • • •	 A second contract of the second		

Line No. (Distance in m.) 160A 1 -- 788 2 25 67

160A 1 -- 788 2 77.00 160A 1 -- 788 2 128.33

1646C-1 ~~ 1658_1 18 96 16480 1 -- 164CA 1 2585

18480 1 --- 164CA 1 77.55

1648C 1 -- 164CA 1 129 25

154CA 1 -- 154C 2 40.60

74E 1 -- 165A8 1 40.38

76FC 1 -- 165AC 1 35 59

76FC 1 -- 165AC 1 106 76

76FC.1 - 60B.1 78.06 80B.1 - 165AD.1 27.68 80B.1 - 165AD.1 27.68 80D.1 - 165AD.1 82.43 185.1 - 1028A.1 149.71 184.1 - 183.1 31.52 187.4 - 67.1 33.05

197A_1 -- 67_1 99.16 187A_1 -- 67_1 165.27

67.1 -- 67A.1 2666 67.1 -- 67A.1 10958 187A.1 -- 1878.1 2362 187A.1 -- 1878.1 2362 187A.1 -- 1878.1 2585

1878 1 -- 1784 1 27.55

1878 1 -- 178A 1 129 26

1894 1 -- 74CA 1 35.06 189A 1 -- 74CA 1 105.19

74CA 1 -- 740,1 36.05

74CA 1 -- 74D 1 108.16 190A 1 -- 91C 1 28.57 190A 1 -- 91C 1 85.71

190A 1 -- 91C 1 142 84

190A 1 -- 91C 1 199.98

190A 1 -- 91C 1 257.12

 SIC 1
 -9 JD 1
 36 55

 SIC 1
 -9 JD 1
 36 55

 SIC 1
 -9 JD 1
 109 64

 60A 1
 -67 1
 2807

 60A 1
 -67 1
 84 21

 60A 1
 -67 1
 84 21

60A 1 -- 67 1 196.49 60A 1 -- 608 1 34.47

60A1 -- 606 1 103 42 606 1 -- 60C 1 28.48 608 1 -- 60C 1 85.45

60B 1 -- 67A 1 27.41 60B 1 -- 67A 1 82.22

608 1 -- 67A 1 137.04 60B 1 -- 67A 1 191.86

165AA,1 -- 165AB,1 28.14 165AA,1 -- 165AB,1 84.42 165AA 1 -- 165AB 1 140.70 165AA 1 -- 165AB 1 198.98 14DB 1 - 14DC 1 33.26 13A 1 -- 738A 1 37.31

73A1 -- 738A1 - 111 93 73BA1 -- 738BA1 - 111 93 73BA1 -- 738BA1 - 102 39 73A1 -- 60A1 - 34.21 73A1 -- 60A1 - 102 62 73A1 -- 60A1 - 102 62 73A1 -- 60A1 - 102 62

738A_1 -- 608_1 34.45 738A 1 - 608 1 103 34 7388 1 -- 1718 1 30 58

7388_1 -- 1718_1 91.75 768 1 -- 76C 1 29.70 768 1 -- 76C 1 89.19

768 1 -- 760 1 148 50 768 1 -- 76C 1 207 90 768 1 -- 76C 1 267 31 76C 1 -- 76D 1 36 13 760 1 -- 760 1 108.40

760.1 -- 766.1 25.97 760.1 -- 766.1 27.92 760.1 -- 766.1 77.92 760.1 -- 766.1 129.87 8956.1 -- 8950.1 69.99

89CA 1 -- 76D 1 27.72 89CA 1 -- 76D 1 63.16

89CA 1 -- 76D 1 138 59 890 1 -- 175A 1 24.99

890_1 -- 175A_1 74.95 89FA_1 -- 888B_1 23.30

89FA 1 -- 888B 1 89 90

76FC 1 -- 808 1 26 02

Descharge [2/5]

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Line No. (Distance in m)	Minimum (m ³ /s)	Maximum (m /s)	Minimum Time	Maximum Time	Accumulated Volume (m3)	Line N	o. (Distance in m.)	Minimum (m ¹ /s)	Maximum (m ³ /s)	Minimum Time	Naximum Turse	Accumulated Volume (m3)		Line No. (Dis	stance in m)
91A_1 918A_1 32.42 \$1A_1 918A_1 97.27	0.00	019	1999/1/1 11:00 1999/1/1 11:00	1959/1/1 14:00	223.4		89EC 1 2464	-001	0.01	1999/1/1 13 20	1999/1/1 13.40	21 8		129C	
918A,1 918B,1 2323	0.00	0.18	1999/1/1 11:00	1999/1/1 14:00	220.1		83EC I 73.93 91FA 1 23.26	-001 -003	0.01	1999/1/1 13:20	1999/1/1 13.40 1999/1/1 14:00	-4.8		NI 1290) NI 1290)	
918A,1 9188,1 6969	0.00	0 18	1999/1/1 11:00	1999/1/1 14.00	216.2	202A 1		-0.05		1599/1/1 12.40	1999/1/1 14:00	-32.5		A 1 1290 1	
9188_1 916_1 34.75 9188_1 916_1 104.24	0.00	0 23 0 23	1993/1/1 11:00 1993/1/1 11:00	1999/1/1 14:00	251.4 224.6	1898_1 1898_1		0 00 0 00		1999/4/1 13:00	1999/1/1 14:00	178.1		<u>1 1290</u>	
916B 1 91C 1 17373	0.00	0 22	1999/1/1 11 20	1999/1/1 14:00	198.8		189A 1 27.44	-018	0.00	1999/1/1 14:00	1999/1/1 14:00	171.2		4_1 1290_1 4_1 1290_1	
91C_1 89CA_1 31 93	0.00	0 20	1999/1/1 11:00	1999/1/1 14:00	2093	181A,1		0.00		1999/1/1 13 20	1999/1/1 14:00	59.7	129.	4 1 1290 1	1 435 51
91C1 89CA1 9579 91C1 89CA1 15966	0,00	0 20	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14:00	1901		69CB 1 30 05 69CB 1 90 14	0.00		1999/1/1 13:00 1999/1/1 13:20	1999/1/1 14:00 1999/1/1 14:00	59 B 58 7		A 1 1290 1 A 1 1290 1	
51EA_1 890_1 30 88	0.00	0.00	1999/1/1 14:00	1999/1/1 11:20	59	[B Zone]		4				· · ···· ··· ···		4 1 129C 1	
91EA_1 ~~ 69D_1 _ 92.64 91EA_1 ~~ 89D_1 _ 454.40	0.00	4 1 1 1 1 1	1999/1/1 11:00	1999/1/1 14:00	59 59	138A_1 138A_1	138B 1 33.50 138B 1 100.49	0.00		1999/1/1 11:00	1999/1/1 14.40	3.6638		A 1 129G	
91EA 1 91EB 1 2566	0.00	0.35	1999/1/1 11:00	1999/1/1 14:00	3226	138A 1		0.00		1999/1/1 11:00	1999/1/1 14.40	3,655 2 3,640 8		A_1 1290_1 A_1 1290_1	
\$1EA_1 91EB_176.98 \$1EA_1 91EB_1128.30	0.00	035	1999/1/1 11:00 1999/1/1 13:00	1999/1/1 14:00	313.7		558 1 25.77	-0 31		1999/1/1 14.40	1999/1/1 15:20	2,732.4	129	4 1 1290	1 841.99
91E8 1 91EC 1 1920	-006	1	1999/1/1 12 40	1999/1/1 14:00	300.0	<u>1328</u> 1	558 1 77 30 55C 1 30 34	-0.31		1999/1/1 14.40	1999/1/1 15-20 1999/1/1 15-20	2,697.4 10,995 6		A_1 129C_1 0_1 129D_1	
91EC_1 91FA_1 3451	-0.10		1999/1/1 12:40	1999/1/1 14:00	154.9	558 I	55C_1 91.02	-0.03	1.71	1999/1/1 14.40	1999/1/1 15:20	10.985 0		1 129D 1	
91EC 1 91FA 1 10352 91FA 1 91FB 1 35.12	-0.12		1999/1/1 12:40 1999/1/1 12:40	1999/1/1 14:00	97.3	558,1	550_1 151.69 145B_1 32.04	-0.03		1999/1/1 14.40	1999/1/1 15:20 1999/1/1 15:20	10,972.3		1 129D 1 1 129D 1	
91FB_1 91GA_1 2565	-0.11	0.12	1999/1/1 12.40	1999/1/1 14.00	-331		1458 1 95 13	-0.02		1999/1/1 14.40	1993/1/1 15:20	637.2		1 - 129D 1	
91GA_1 91GB_1 25.41 91GB_1 198A_1 29.45	-0.13	0.16	1999/1/1 12:40	1999/1/1 14:00	-56 8		1458 1 160 22	-0.02	1 · · · · · ·	1993/1/1 14.40	1999/1/1 15:40	652.0		1 129D_1	
198A 1 197BA 1 1555	-0.30		1999/1/1 12 40	1999/1/1 14:00		54A 1	1458A_1_16.42 54B_129.63	-0.73	1	1999/1/1 14.40	1999/1/1 15:20 1999/1/1 14.40	57.4 15.742 3		1 129D 1 1 129D 1	
1978A1 91G2 43.76	-035	1 · · · · · · · · · · · ·	1999/1/1 12:40	1999/1/1 14:00	the second second second second second	54A_1		0.00	2 6 9	1999/1/1 11:00	1999/1/1 14.40	15,759.7	133	1 50EA 1	27.64
74DA 1 171B 1 25.17 60C 1 60D 1 28.29	-007 -001	0 08	1999/1/1 12.40	1999/1/1 14:00	432	<u>54A,1</u> 54A,1		0.00 0.00		1999/1/1 11:00	1999/1/1 14.40 1999/1/1 14.40	15,7653		1 50EA,1 1 50EA,1	
50C_1 600_1 84.86	-0.02		1999/1/1 13 20	1999/1/1 14:00	115.3	U63A 1	U63C 1 26.62	0.00		1999/1/1 11:00	1999/1/1 14:00	3,339 2		1 50EA_1	
60C1 60D1 141.44 192A1 91BB1 33.42	-002	• ·····	1999/1/1 12:40	1999/1/1 14:00	75.9	U63A 1	U63C 1 79.87 U63C 1 193.12	0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14.00 1999/1/1 14.00	3,345.1 3,346.8		1 50EA 1	
192A_1 9188_1 100 25	000	0 06	1999/1/1 11:20	1999/1/1 14:00		U63A 1		0.00		1999/1/1 11:00	1999/1/1 14:00	3,347.5		B I 50EA B I 50EA	
68A_1 172AA_1 42.56 172AA_1 68B_1 38.58	-0.03			1999/1/1 14:00	447		U630_1 239.61	0.00		1999/1/1 11.00	1999/1/1 14.00	3,347.9		B_1 50EA	
172AB 1 17208 1 41.26	-0.1			1999/1/1 13 20			U630 1 292 86 U630 1 346.10	0.00	• · · — ·	1999/1/1 11:00	1999/1/1 14:00 1999/1/1 14:00	<u>3,348 5</u> 3,349 2		B 1 50EA A 1 50EB	
172AB 1 172AA 1 36.18	-00			1999/1/1 14:00		U63A 1	U63C 1 399.35	0 00	0.49	1999/1/1 11:00	1999/1/1 14:00	3,347.1	135	A 1 50EB	1 69.15
8768,1 87CA,1 2962 8768,1 87CA,1 8866	-01			1999/1/1 14:00 1999/1/1 14:00			U63D 1 26.03 U63D 1 78.08	0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14.40 1999/1/1 14.40	7,7718		A_1 50E8, A_1 50E8,	
8788.1 87CA.1 14810	-0.1	B 0.25		1999/1/1 14:00	-92.7	U630_1	- U63D_1 13D.13	0.00	1.54	1999/1/1 11:00	1999/1/1 14:40	1,733.0		A 1 50EB,	
80A_1 76FB_1 2475 80A_1 76FB_1 7425	-0.1		1999/1/1 14:00 1999/1/1 14:00	1999/1/1 12:40			- U64A 1 34.47 - U64A 1 103.49	0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 15:00 1999/1/1 15:00	7,468.0		A_1 50EB, A_1 50EB,	
80A 1 83A 1 33.13	-00	5 0.05	1999/1/1 12 40	1999/1/1 14:00	-203		- U64A,1 172 34	0.00		1999/1/1 11:00	1999/1/1 15:00	7,451.3		A 1 136B	
83A 1 87CA 1 33 20 80A 1 80B 1 38.72	-0.0		<u>1999/1/1 14:00</u> 1999/1/1 12:40	1999/1/1 12.40			U64A 1 241.28	0.00		1999/1/1 11:00	1999/1/1 15:00	7,415.2		A I 1368	
84A_1 808_1 38.73	-0.0	3 0.03	1999/1/1 14:00	1999/1/1 13.40	· · · · · · · · · · · · · · · · · · ·		558 1 32 91 53AB 1 28 44	0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14:20 1999/1/1 14:40	7,546.1 6,126 5		A_1 1368 A_1 1368	
84A_1 83A_1 28.15 84A_1 84B_1 29.63	-0.1			1999/1/1 12.40			53AB 1 85 32	0.00		1999/1/1 11:00	1999/1/1 14.40	6,148.7	136	8 1 468 1	33 32
84A_1 84B_1 88.88	-0.1			1999/1/1 14:00			53AB 1 142.20 53AB 1 199.09	0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14.40 1999/1/1 14.40	6,167.5		8 <u>1 4681</u> 8 <u>1 468</u> 1	
84A_1 84B_1 14814 84B_1 1668A_1 45.48	-02			1999/1/1 14:00 1999/1/1 14:00			53A8 1 255 97	0.00		1999/1/1 11:00	1999/1/1 14.40	<u>6.208 S</u>	136	81 4681	233 27
1668A 1 1658 1 927	-02			1999/1/1 14:00		53AB_1	53A8_1 312.85 - 53_2 11.41	0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14:40	6.225.1 6.230.4		<u>A 1 470 1</u> A 1 470 1	· · · · · · · · · · · · · · · · · · ·
87CB 1 84A 1 40.79 167AA 1 87CC 1 28.33	-0.0		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		5466 1 29.53	0.00	2.15		1999/1/1 14.40	17,144.2	140	A 1 47C 1	148.72
167AA 1 84B 1 44.80	-00			we we we we have a set of the set			5468 1 88.58 5468 1 147.64	000		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14:40	17,106.9		A 1 470 1 A 1 470 1	
166AA 1 87DA 1 32 26	-0.0	1		1999/1/1 14.00	19.1	5488_1 -	- 548 2 15 31	0.00	2.74	1999/1/1 11:00	1999/1/1 14.40	17,034.8		A 1 47C 1	
166AA 1 1668A 1 2827 166AA 1 1668A 1 8481	-00						55CB 1 31 29 55CB 1 93 87	0.00		1999/1/1 11:00 1999/1/1 11:00	1959/1/1 14:40 1999/1/1 14:40	14,359.8 14,344.9		A 1 47C 1 A 1 47C 1	
152A 1 86 1 17.00	-0.0			1999/1/1 14.0	-63.9		55CB 1 156.44	0.00		1999/1/1 11:00	1999/1/1 14.40			A 1 47C 1	
162A 1 161A 1 33.70 160B 1 161A 1 20.87	-0.0		· · · · · · · · · · · · · · · · · · ·	1999/1/1 1340 1999/1/1 14:00			55C8 1 219.02 55C8 1 281.60			1999/1/1 11:00 1999/1/1 11:00	1999/1/1 14.40 1999/1/1 14.40	14,3130		A 1 470 1	
1608 1 180A 1 28.75	-0.0	2 0.04	1999/1/1 13:20	1999/1/1 12.4			55CB 1 344.18	0.00		1999/1/1 11:00		14,296 0		A 1 47C 1 A 1 47C 1	
204A_1 89EA_1 34.40 204A_1 91EB_1 30.76	-00						55CB 1 406.75	0.00			1999/1/1 14:40	14,253.9) - 50A 1	
204A_1 91EB_1 92.27	-0.0			restant Andreast symmetry was an and the second statements			55CB 1 459.33 - 55C 2 11.20	0.00			1999/1/1 1440	14,228 6 14,252 8		5,1 50A,1 5,1 50A,1	
206A 1 91EC 1 30 31 206A 1 91EC 1 90 93	00		the contract and management	· · · · · · · · · · · · · · · · · · ·		1458A_1 -	- 550 1 23 24	0.0	0 1.47	1939/1/1 11:00	1999/1/1 14.40	7,493,4	470	1 50A,1	231.32
206A 1 89EB 1 33.34	-00 -0.0		a service and an and the service of			· · · · · · · · · · · · · · · · · · ·	- 1458A 1 28.87 - 1458A 1 86.62	00			1999/1/1 14.40 1999/1/1 14.40	7,363.7		1 50A 1 1 488 1	
89FB_1 195A_1 29.68	-0.0	<u>14 0.0</u>		1999/1/1 12 2	0 25 0	145AA_1 -	- 1458A_1 144 37	0.00	0 224		1999/1/1 14.40	7,432.2		<u>1 468 1</u>	
89FB_1 198A_1 89.04 197AA_1 197BA_1 31.06	-00						54A 1 33.15 54A 1 99.46	0.00			1999/1/1 15:20 1999/1/1 15:20	7,518.2		<u>1 488 1</u>	
197AA_1 89FC_1 31.90	-0.0	3 0.0	1999/1/1 13:20	1999/1/1 13.4			54A 1 165.77	0.00			·····			<u>1 488 1</u> 1 488 1	
91FA_1 100BA_1 26.15 91FA_1 100BA_1 78.44	-0.1]		i.					1 50A I	
199A 1 89FA 1 40 03	-0.0						- 1396 1 84 94 - 1398 1 141,56	00			• • · · · · · · ·			8 1 50A <u>1</u> 1 253 1	
199A 1 91GB 1 44.21 89C6 1 76E 1 31.23	-0.0			1999/1/1 14:0	65	139A 1 -	1398 1 198.18	-00	\$ 0.00	1999/1/1 11:09	1999/1/1 11:23	-4.5	49	1 253_1	83.71
89CB 1 - 76E 1 93.70	0.0 0.0						- 1398,1 254.81 - 6388,1 29.06	-0.0 0.0		·	a second s	-58		1 253 <u>1</u> 1 253 <u>1</u>	
89CB 1 76E 1 156.16	0.0	0 0.0	1 1999/1/1 11:00	1999/3/1 14:0	0 72.4	1398_1 -	- 6368 1 87.18	00				19.6		1 253,1	
193 <u>A 1 76C 1 27.84</u> 193 <u>A 1 76C 1 83.51</u>	0.0			2 · · · · · · · · · · · · · · · · · · ·			- 6388_1 145.30 - 6388_1 203.42					······································		1 253 1	
100AB 1 91EC 1 26.65	-0.0	8 0.0	3 1999/1/1 14:00	1999/1/1 12.4	0 10.6		- 63BB_1 261.54	0.0			• · · · · · · · · · · · · · · · · · · ·			1 - 253 1 1 508 1	
100AB 1 91EC 1 79 94 195AA 1 89FC 1 28.42	-0.0						- 6388 1 319.66	0.0		1999/1/1 11:00	1993/1/1 11:23	7.8	253	1 50B I	89.29
196AA 1 88C 1 20 51	-0.0						- 6388_1 377.79 - 6388_1 435.91	00						1 508 1 1 508 1	
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Minimum	Maximum	Minimum Time	Maximum Time	Accumulated
(m ³ /s) 0 00	<u>(m³/s)</u> 001	1999/1/1 11-00	1999/1/1 11:19	Volume (m3) 10.5
0 00	001	1999/1/1 13:00	1999/1/1 11.09	105
0.00	001	1999/1/1 11:00	1999/1/1 11:23	10.4
0.00	. <u>0</u> 01	1993/1/1 11:00	1999/1/1 11:23	9.4
0.00	0 0 1 0 0 1	1999/1/1 15:00	1999/1/8 18,19	75
0.00	001	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:19 1999/1/1 11:23	
0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	46
0.00	001	1999/1/1 11:00	1999/1/1 11:23	39
0.00	001	1999/1/1 11:00	1999/1/1 11:23	26
000 000	0.00	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	1.4
0 00	0.00	1999/1/1 11:00	1999/1/1 11:23	01
0.60	0.00	1999/1/1 11:00	1999/1/1 11:23	0,1
0.00	0.00	1999/1/1 11:00	1999/1/1 11/23	00
000	0.00	1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:00	00
0.00	001	1999/1/1 11:00	1999/1/1 11:23	124
0.00	001	1999/1/1 11:00	1999/1/1 11-23	12.4
0.00	001 001	1993/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	123
0 00	0 0 1	1993/1/1 11:00	1999/1/1 11:23	11.6
0.00	001	1999/1/1 11:00	1999/1/1 11:23	10-5
0.00	100	1992/1/1 11:00	1999/1/1 11-23	8.7
0.00 0.00	0 0 2 0.02	1999/1/1 11:00 1999/1/1 11:00	<u>1999/1/1 11,19</u> 1999/1/1 11,19	18 8 18 8
0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	188
0.00	0.05	1999/1/1 11:00	1999/1/1 11:23	18.7
0.00	0.02	1999/1/1 11:00	1999/1/1 11/23	
0.00 0.00	0.03	<u>1999/1/1 11:00</u> 1999/1/1 11:00	1999/1/1 11:23	18.1 16 J
0.00	0.05	1999/1/1 11:00	1999/1/1 11:23	13.7
0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	10.8
0.00	0.01	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:09 1999/1/1 11:09	
0 00	0.01	1999/1/1 11:00	1999/1/1 11:23	2.1
0.00	0.01	1999/1/1 11:00	1999/1/1 11:19	5.7
0.00	0.01	1999/1/1 11:00	1999/1/1 11:19 1999/1/1 11:23	4.3 36
0.00	0.01	1999/1/1 11:00	1999/1/1 11 23	3.0
0.00	001	1999/1/1 11:00	1999/1/1 11:09	14.8
0.00 0.00	0.01	1999/1/1 11:00 1999/1/1 11:00	<u>1999/1/1 11:23</u> 1999/1/1 11:19	14.7
0.00	0.01	1999/1/1 11:00	1993/1/1 11:23	12.0
0.00	0.02	1999/1/1 11:00 1999/1/1 11:00	<u>1999/1/1 11:23</u> 1999/1/1 11:23	17.4
0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	16.4
0 00	0 02	1999/1/1 11:00	1999/1/1 11:23	14.3
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0.00	0.02			18.4
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0.00				23.4
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0.00				<u>14.1</u> 14.1
0.00				13-1 13-1
0.00	0.01	1999/1/1 11:00	1999/1/1 11:19	136
0.00				9.6
0.00				7.1
0.00	0.03	1999/1/1 11:00	1999/1/1 11:23	24.6
0.00				
0.00	····			

Oischarge [3:5]

Line No. (Distance in m)	Minimum (m ² /4)	Maximum (m ¹ /s)	Minimum Time	Maximum Tura	Accumulated Volume (m3)
253 1 5CB 1 267 87	0.00	0 0 3	1999/1/1 11:00	1993/1/1 11:23	23.1
1248_1 U89_2 27,72 1248_1 U89_2 83.16	0.00	0 Q I 0 0 I	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11 23 1999/1/1 11 23	\$.\$ 8.8
1248_1 U89_2 138.60	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	68
1248,1 U89,2 194.04 1248,1 U89,2 249,48	0.00 0.00	0.01	1999/1/1 11:00 1993/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	53 46
1248 1 U89 2 304 93	0.00	0 0 1	1999/1/1 11:00	1999/1/1 11 23	41
1248 1 US9 2 360 37 1248 1 US9 2 415 81	000	0.01	1999/1/1 11:00	1999/1/1 11-23	
1248 1 U89 2 415 81 1248 1 U89 2 471 25	000	0.00	1999/1/1 11:00 1999/1/1 11:00	<u>1999/1/1 1123</u> 1999/1/1 1123	1.7
124B 1 U89 2 526 69	0.00	0.00	1999/1/1 11:00	1999/1/1 (1:23	02
1248_1 U89_2 582.13 137A_1 1378_1 28.91	000	0.00	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:19	0.1 8.4
137A 1 1378 1 8672	0.00	0.01	1999/1/1 11:00	1999/1/1 11:09	84
137A_1 137B_1 E44.54 137A_1 137B_1 202.35	000 000	0.01	1999/1/1 11:00	1999/1/1 11:19 1999/1/1 11:23	8.3 7.3
1378 1 U838 1 23 27	0.00	0 01	1999/1/1 11:00	1999/1/1 11 23	9.8
1378 1 U838 1 6982	0.00 0.00	0.01	1999/1/1 11:00	1999/1/1 (1.23	8.1
U836 1 U83 2 24.72 125 1 1376 1 29.78	0.00	0.01	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:19	6.1 53
51_1 134B_1 36.14	0.00	0.01	1999/1/1 11:00	1999/1/1 11.09	9.6
51_1 134B_1 100.42 142_1 63D8_1 28.95	0.00	0.01	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	9.1
142 1 63D8 1 86 84	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	88
142_1 63D8_1 144.74 142_1 63D8_1 202.63	0.00	0.01	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	6.8 4.8
1421 5308 1 260.53	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	3,7
142_1 6308_1 318.42 142_1 6308_1 376.32	0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11/23	25
1421 - 630B1 43421	0.00		1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	12 0.4
142,1 6308,1 492,11	0.00		1999/1/1 11:00	1999/1/1 11:23	0.1
142_1 630B_1 550.00 142_1 630B_1 607.90	0.00		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	00
142 1 6308 1 665 79	0.00	000	1999/1/1 11:00	1999/1/1 11:23	0.0
142_1 63DB_1 723.69 142_1 63DB_1 781.58	0.00		1999/1/1 11:00 1999/1/1 11:23	1999/1/1 11:23 1999/1/1 11:09	00
1421 63DB1 839.43	0.00	000	1999/1/1 11:00	1999/1/1 11:23	0.0
142 1 630B 1 897.37 47A 1 142 1 27.26	000		1999/1/1 11:23 1999/1/1 11:00	1999/1/1 11:09 1999/1/1 11:23	
476.1 142.1 81.79	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	40
47A 1 142 1 136.92 47A 1 142 1 190.85	0.00		1999/1/1 11:00 1999/1/1 11:09		
474 1 142 1 245 38	000	0.00	1999/1/1 11:09		
478_) 47A_1 29.28 478_1 47A_1 87.78	0.00	1	1999/1/1 11:00	1	THE STREET IN THE STREET
478 1 47A 1 146 29	0.00	0.00	1999/1/1 11:00	1	
47 <u>8 1 47A 1 204.81</u> 478 1 47A 1 263.33	0.00		1999/1/1 11:23 1999/1/1 11:19		
478_1 47A_1 321.84	000	0.00	1999/1/1 11:19	I	
478 1 470 1 7.35	000				and a state of the state of the
141A,1 478,1 31.34 141A,1 478,1 \$4.02	000		1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	<u> </u>
1414,1 478,1 156.69	0.00		1999/1/1 11:00	1999/1/1 11 23	22
141A 1 478 1 219 37 141A 1 478 1 282 05	0 00 0 00			1	
141A,1 478,1 344.73	0.00		1	1999/1/1 11:23	-0.4
JT1-026 JT1-028 2838 JT1-026 JT1-028 6514	0.00				1
JT1-026 JT1-028 141 90	000	0.00	1999/1/1 11:00	1999/1/1 11:23	1.8
JT1-026 JT1-028 198 65 JT1-026 JT1-028 255.42	0.00				
JT1-026 JT1-028 31217	0.0	0 00	1999/1/1 11:00		
JT1-028 JT1-052 1651 JT1-052 JT2-064 3058	0.00		· · · · · · · · · · · · · · · · · · ·		
JT1-052 JT2-064 \$1,73	00		1999/1/1 11:00		
JT1-052 JT2-064 15288 JT1-052 JT2-064 21403	00				
JT1-052 JT2-064 275.19	00		1		
JT1-052 JT2-064 33634	00		1999/1/1 11:00	1999/1/1 11:23	0.5
JT1-052 JT2-064 397.49 JT2-064 JT2-068 29 77	00				(
JT2-064 JT2-068 89 30	0.00	0.00	1999/1/1 11.09	1999/1/1 11:23	0.1
JT2-064 JT2-068 148 83 JT2-064 JT2-068 208 36	0.0				
JT2-064 JT2-068 267.90	0.0				
J12-064 J12-068 327.43	00		1999/1/1 11:0	1999/1/1 11:23	
JT2-064 JT2-068 386 96 JT2-068 464 1 25 34	0.0				
JT1-029 JT1-030 3392	0.0	0.00	1999/1/1 11:1	1999/1/1 11-2;	0.1
JT1-029 JT1-030 101.75 JT1-030 JT1-031 29.54	0 0 0.0		1		
JT1-030 JT1-031 88.61	00	0.00	1999/1/1 11:0	1999/1/1 11:2:	0.0
JTE-030 JTE-031 147.69	00	0 0 00	1999/1/111:0	0] 1999/1/8 11:2:	3 0.0

ويرج سيوسف معوم وحجا الافاد فاروحا

Line No. (Distance in m.)	Minimum (m ¹ /s)	Maximum	Minimum Time	Maximum Time	Accumulated	Line No. (Distance in m)
JT1-030 JT1-031 206 76	0.00	<u>(m³/s)</u> 0 00	3999/1/1 11:00	1999/1/1 13:23	Volume (m3) 00	U82A 1 U82E 1 9069
JT1-030 JT1-031 265.84	0.00	0.00	1999/1/1 11:00	1999/1/1 11:23	00	U82A 1 U82E 1 15115
JT1-030 JT1-031 32492 JT1-030 JT1-031 38393	0.00	0.00	1999/1/1 11:00	1999/1/1 11:19		U82A,1 U82E,1 211.61 U82A,1 U82E,1 272.08
JT1-031 142 1 25.93	0.00	0 00	1999/1/1 11/09 1999/1/1 11/00	1999/1/1 11:19		UB2A_1 U82E_1 272.08 U82A_1 U82E_1 332.54
JT1-036 142,1 77.95	0.00	0.00	1999/1/1 11:00	1999/1/1 11.19	08	U82A 1 U82E 1 39100
JTI-031 - 1421 123.92	0.00	0.00	1999/1/1 11:00	1999/1/1 1123	0.5	U82A 1 U82E 1 453.48
JT1-031 142 1 18188 JT1-031 142 1 23385	0.00	0.00	1959/1/1 11:00	1999/1/1 11/23	0.4	U82A,1 U92E,1 513.92 U82A,1 U92E,1 574.38
JT1-031 142 1 285 81	0.00	0 00	1999/1/1 11:00	1999/1/1 11:23	0.1	U82A_1 U82E_1 634.84
JT1-031 142 1 337.78	0.00	0.00	1999/1/1 11:00	1999/1/1 11:23	00	U824,1 U82E,1 69530
JTE-031 1421 389.75 JTE-031 1421 441.71	0 00 0 00	0 00	1999/1/1 11:00	1999/1/1 11:23	00	U92A 1 U82E 1 75576
JT1-029 JT1-028 9.94	0.00	0 00	1999/1/1 11.19 1999/1/1 11:19	1999/1/1 11:00	-03	U82E_1 U82_2 2988 U82E_1 U82_2 8985
JT1-050 JT1-052 26 19	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	7.0	U82E 1 U82 2 149 42
J71-050 JT1-052 78 57	0.00	001	1999/1/1 11:00	1999/1/1 11:23	6.1	U92E_1 U82_2 209.19
JT1-056 JT1-055 2683 JT1-056 JT1-055 80.49	0.00	0.00	1999/1/1 11:00	1999/1/1 11.19 1999/1/1 11:23	05 03	U62A_1 52A_1 26.73 U62A_1 52A_1 80.20
JT1-058 JT1-055 13415	000	0.00	1999/1/1 11:00	1999/1/1 11:23	0.1	U62A_1 52A_1 133 67
JT1-056 JT1-055 187.81	0.00	0.00	1999/1/1 11:00	1999/1/1 11:23	00	U62A 1 52A 1 187.14
JT1-056 JT1-055 241.47 JT1-055 JT1-075 27.04	0.00	0.00	1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:19	00	U62A1 52A1 24060 U62A1 52A1 294.07
JT1-055 JT1-075 81.13	0.00	0.00	1999/1/1 11:23	1999/1/1 11:09	-01	U52A_1 52A_1 _294.07 U62A_1 52A_1 _347.54
JT1-055 JT1-075 13521	0.00	0.00	1999/1/1 11 23	1999/1/1 11:09	-05	U62A 1 - 52A 1 401.01
JT1-055 JT1-075 189.30	-0.01	0.00	1999/1/1 11/23	1999/1/1 11:00	-1.4	U62A_1 52A_1 454.48
JT1-055 JT1-075 243.38 JT1-055 JT1-075 297.47	-0.01	0.00	1999/1/1 11:23 1999/1/1 11:23	1999/1/1 11:00	-25	U62A_1 52A_1 507.94 U62A_1 52A_1 561.41
JT1-075 JT1-074 27.52	0.00	001	1999/1/1 11:00	1999/1/1 11 23	53	U62A 1 52A 1 614.88
JT1-075 JT1-074 82 57	0.00	0 01	1999/1/1 11:00	1995/1/1 11-23	35	U62A_1 52A_1 668 35
JT1-075 JT1-074 137.62 JT1-074 JT1-057 27.32	0.00	0.01 0.00	1999/1/1 11:09 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	2.1	52A_1 134A_1 31.74 52A_1 134A_1 95.22
JT1-057 47A 1 29 57	0.00	0.01	1999/1/1 11:00	1999/1/1 11-23	68	52A_1 134A_1 158.70
JT1-057 47A 1 88.71	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	6.4	524,1 1344,1 222.18
JT1-057 47A_1 147.85 JT1-057 47A_1 208.99	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	59	52A,1 134A,1 285,68
JT1-057 474 1 208 99 JT1-059 JT1-054 28 09	0.00	0 00	1999/1/1 11:00 1999/1/1 11:23	1999/1/1 11:23 1999/1/1 11:09	48	134A 1 134B 1 30.13 134A 1 134B 1 90.40
JT1-059 JT1-054 84 27	0.00	0 00	1999/1/1 11:00	1999/1/1 11:09	0.0	134A 1 134B 1 150 67
JT1-059 JT1-054 140.44 JT1-059 JT1-054 196.62	0.00	0.00	1999/1/1 11:00	1999/1/1 11/23	0.0	U83A1 U8381 2757
JT1-054 JT1-053 24.34	0.00	0.00	1999/1/1 11:00 1999/1/1 11:23	<u>1999/1/1 11:23</u> 1999/1/1 11:00	0.0	U83A_1 U938_1 82.72 U83A_1 U838_1 137.87
JT1-053 JT2-075 3274	0.00	0.00	1999/1/1 11:19	1999/1/1 11:00	00	U83A 1 U83B 1 193.02
JT1-0;3 JT2-075 98 23	0.00	0.00	1999/1/1 11:19	1999/1/1 11 23	00	U838_1 — 1378_2 30.68
JT1-053 JT2-075 163.72 JT2-075 JT1-065 1927	0.00	0.00	1999/1/1 11:00 1999/1/1 11:09	1999/1/1 11.19 1999/1/1 11-23	00	U61A_1 U61B_1 23.54 U61A_1 U61B_1 20.61
JT1-065 JT2-073 30 81	0.00	0.02	1999/1/1 11:00	1999/1/4 11:23	145	U61A 1 U61B 1 117.68
JT1-065 JT2-073 92.42	0.00	0.02	1999/1/1 11:00	1999/1/1 11-23	113	U61B1 U61C1 3089
JT1-065 JT2-073 154.04 JT2-073 JT2-071 30.17	0.00	0.02	1999/1/1 11:00 1999/1/1 11:00	<u>1999/1/1 11 23</u> 1999/1/1 11 23	86	US181 U61C1 9285 U6181 U61C1 15443
JT2-073 JT2-071 90.52	0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	60	U61C1 46B1 28.74
JT2-073 J72-071 150.87	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23		U61C_1 45B_1 86 23
JT2-073 JT2-071 21121 JT2-071 JT2-070 30.71	0.00	0.01	<u>1999/1/1 11:09</u> 1999/1/1 11:09	1999/1/1 11 23 1999/1/1 11 23	<u> </u>	U61C1 48B1 143.72 U61C1 48B1 201.21
JT2-071 - JT2-070 92.13	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	1.5	U621 U622 6.16
JT2-071 JT2-070 153.55	0.00	0.00	1999/1/1 11:00	1999/1/1 11:23	The second	U134A,1 U62,1 27.20
JT2-070 46A 1 18.73 JT1-059 JT1-060 29.74	0.00	0.00	1939/1/1 11:19 1939/1/1 11:23	1999/1/1 11:23 1999/1/1 11:00		U134A_1 U62_1 8159 U134A_1 U62_1 135.99
JT1-059 JT1-060 89 21	0.00	0.00	1999/1/1 11:09	1993/1/1 11:23	00	U134A 1 U62 1 135.99 U134A 1 U62 1 190.39
JT1-059 JT1-060 143.68	0.00	0.00	1999/1/1 11:19	1999/1/1 11 09	-0.3	U134A_1 U62_1 244.78
JT1-050 JT1-075 22.64	0.00		1999/1/1 11:00	1999/1/1 11:23	10.9	U134A 1 U62 1 299.18
JT1-062 JT1-060 32.83 JT1-062 JT1-060 97.88	0.00		1993/1/1 11:00 1999/1/1 11:00	1999/1/1 11/23 1999/1/1 11/23	<u>10.1</u> 7.7	U843 1 U84 2 897 U84 1 U84B 1 2917
JT1-063 JT1-062 29.28	0.00		1999/1/1 11:00	1999/1/1 11.19		U84_1 U84B_1 84.52
JT1-063 JT1-062 87.79	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23		U84.1 U84B.1 14087
JT1-063 JT1-062 146 31 JT1-064 JT1-065 26.13	0.00		1999/1/1 11:00 1999/1/1 11:19	1999/1/1 11:23 1999/1/1 11:00	5.1 G O	US4_1 U84B_1 19721 US4_1 US4B_1 253.56
JT1-064 JT1-065 78 38	0.00	0.00	1999/1/1 11:00	1999/1/1 11:09		U84 1 U848 1 309.91
JT1-064 JT1-065 130.63	0.00	*	1999/1/1 11:00	_ 1999/1/1 11:23		U64_1 U648_1 368.25
JT1-064 JT1-065 182.89 JT1-066 JT1-062 28.99	0.00	···· · · · · · · · · · · · · · · · · ·	1999/1/1 11:09 1999/1/1 11:19	1999/1/1 11:00		U24_1 U84B_1 422.60 RJT2-70 RJT2_71 30.17
JT1-068 JT1-062 86.96	0.00		1999/1/1 11:00	1999/1/1 11 23		RJ12-70 RJ72,71 90.52
JT1-065 JT1-062 14494	0.00	1	1999/1/1 11:19	1999/1/1 11:00	0.0	RJ12-70 RJ12 71 15087
JT1-078 JT1-029 30.98 JT1-078 JT1-029 92.93	0.00	· · · · · · · · · · · · · · · · · · ·	1999/1/1 11:00	1999/1/1 11:23		R129C1 R129D1 3529
JT1-078 JT1-029 154.88	0.00			1999/1/1 11:23		63881 63C1 3278 63881 63C1 \$835
JT1-078 JT1-029 21683	0.00	0.02	1999/1/1 11:00	1999/1/1 11:23		6368,1 63C,1 16392
JT1-078 JT1-029 278.78	0.00	1 · · · · · · · · · · · · · · · · · · ·	I	1		6 <u>3</u> C_1 6 <u>3</u> CB_1 30.69
JT1-078 JT1-029 340.73 JT1-078 JT1-029 402.68	0.00	1				630_1 630B_1 92.06 630_1 630B_1 153.43
JT1-078 JT1-029 464 63	000	0 0 2				83C 1 63DB 1 214.80
JT1-078 JT1-029 526 58	0.00	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			63C_1 6308_1 275.17
JT1-078 JT1-029 588 53 JT1-078 JT1-029 650 48	0.00		•••••••••••••••••			630_1 6308_1 337.54 530_1 6308_1 337.54
U\$2A_1 U82E_1 30 23	000	A	1 - 4 - 1 - 1 - 1 - 1 - 4 - 1 - 1 - 1	· · · · · · · · · · · · · · · · · · ·		53C1 53DB1 39891 53C1 53DB1 66928
						e o energia de conservativa de la c

Minimum (m³/s)	Maximum (m³/s)	Minimum Time	Maximum Time	Accumulated Volume (m3)
0 00 0 00	0.01	(\$99/1/1 11:00 1999/1/1 11:00	1999/1/1 1109 1999/1/1 1123	11 8 11 7
0.00	0.01	1999/1/1 13:00	1999/1/1 11 23	10.9
0.00	0.01	1999/1/1 11,00	1999/1/1 11:19	9,1
000	001	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:19 1999/1/1 11:23	72 58
0.00	0.01	1999/1/1 19:00	1999/1/1 11 23	53
0.00	001	1999/1/1 11:00	1999/1/1 11 23	48
000	0 Q1 0 D1	1999/1/1 11.00 1999/1/1 11.00	1999/1/1 1123 1999/1/1 1123	. 38
0.00	0.01	1999/1/1 11:00	1999/1/1 11 23	12
0.00	0 00	1999/1/1 11:09 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	03 132
0.00	0 01	1999/1/1 11:00	1999/1/1 11:23	130
0.00	0 0 1	1999/1/1 11:00	1999/1/1 11:23	12.5
000	0.01	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	105 87
0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	8.7
0,00	0.01	1999/1/1 11:00	1999/1/1 11:23	8.7
0.00	100	1599/1/1_11:00 1999/1/1_11:00	1999/1/1 11:23 1999/1/1 11:23	83 73
0 00	001	1999/1/1 11:00	1999/1/1 11.19	58
0.00	0.01	1999/1/111.00 1999/1/111.00	1999/1/1 11:19	4.5
0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	38
0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	35
0.00	0.01	1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	28
0.00	0.00	1999/1/1 11:09	1999/1/1 11-23	06
0.00	001	1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	10.3
0.00	001	1999/0/1 11:00	1999/1/1 11-23	9.4
0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	80
600 600	0.01	1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	59
0.00	0.01	1999/1/1 11:09	1999/1/1 11-23	12
0.01	0.01	1999/1/1 11:09		-2.1
0.00	0.01	1999/1/1 11:00	1999/1/1 11:19 1999/1/1 11:23	12.1
0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	12.1
0.00	0.01	1999/1/1 11:00 1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	119
0.00	0.01	1999/1/1 11:00	1999/1/1 11 23	5.7
0.00	0.05	1999/1/1 11:00	1999/1/1 11:23 1999/1/1 11:23	
0.00	0.03	1999/1/1 11:00	1999/1/1 11 23	23.7
0.00	0.03	1999/1/1 11:00	1999/1/1 11:23	23 1
0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	22 3
0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	17.6
0.00 0.00		1999/1/1 11:00 1999/1/1 11:00		14.9
0.00		1999/1/1 11:00		2,250.4
-0.36		1999/1/1 11:23		-344.9
-0.36	1	1999/1/1 11:23 1999/1/1 11:23		-344 9 -345 0
-0 36	0.00	1999/1/1 11:23	1999/1/1 11:00	-345.1
-0 36 - 0 35		1993/1/1 11:23 1999/1/1 11:23		-345 2 -345 3
0.00	0.00	1993/1/1 11:00		0.0
0.00		1999/1/1 11:00		15
0.00		1999/1/1 11:00 1999/1/1 11:00		1.0
0.00	0.00	1599/1/1 11:00	1999/1/1 11:23	02
0.00		1999/1/1 11:00 1999/1/1 11:00		0.1
0.00	0.00	1999/1/1 11:00		0.0
0.00			· · · · · · · · · · · · · · · · · · ·	
0.00		The second second second second		68 90
0.00	0.01	1939/1/1 11:09	1993/1/1 11:23	5.4
0.00			1	5.4
0.00				153
0.00	0.02	1999/1/1 11:00	1599/1/1 11:23	127
0.00				20 D 18 D
000	0 0 2	1999/1/1 11:00	1999/1/1 11:23	15,4
0.00				12.7
0.00	1			85
0.0	0.02	1999/1/1 11:00	1999/1/1 11:23	6 B
. L		1999/1/1 11:09	0] <u>1993/1/1 11 2</u> 3	47

Discharge [4-5]

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Line No. (Dist	ance in m)	Minimum (m ³ /s)	Maximum (m²/s)	Minimum Time	Maximum Time	Accumulated Volume (m3)	Line No. (Distance in m)	Minimum (m ¹ /s)	Maximum (m ⁸ /s)	Misimum Time	Maximum Time	Accumulated Volume (m3)	Line No. (Distance in r
A 1 638A I	38 09	0.00	0.05	1559/1/1 11:00	1999/1/1 11 23	14.7	33G_1 JT1-021 720 65	-007	075	1999/1/1 13 54	1999/1/1 14 51	4,554.7	JT2-081 245 1 143 80
BA,1 6388.1		0 00	0.02	1999/1/1 11:00	1999/1/1 11:23	130	JT1-024 JT1-019 2934	0,00	0.46	1999/1/1 17:00	1999/1/1 15 21	2 933 8	JT2-081 245_1 208 32
BA,1 6368,1		0.00	Q.01	1999/1/1 11:00	1999/1/11123		JT1-024 JT4-019 6803	0.00		1999/1/1 11:00	1999/1/1 15-21	2,955 3	JT2 081 246 1_ 28785
9A 1 6388 1	15791	0.00	0.01	1999/1/1 11:00	1999/1/11/23		JT1-024 ~- JT4-019 14672	0,00	0,45	1999/1/1 11:00	1999/1/1 15 21	2 9 2 3 5	JT2-081 246_1 327.31
9D_146A , 1		0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	6.4	JT4-021 JT4-019 205.41	0.00	0.46	1959/1/1 11:00	1999/1/1 15:21	2.901 8	246_1 11A_1 32.17
A_1 468_1	32 87	0,00	0.01	1999/1/1 11:00	1999/1/1 11:23	54	JT1-021 JT1-019 26410	0.00	0.46	1999/1/1 11:00	1959/1/1 15 21	2,861.9	JT2-084 JT2-085 28.1
1 468 1	93 60	0.00	0.01	1999/1/1 11:00	1999/1/1 11 23	33	JT1-021 JT1-019 32278	-0.05	0.46	1939/1/1 13.46	1999/1/1 15:21	2,835.6	JT2-084 JT2-085 84.4
(<u>1</u> <u>(</u> \$8,1)	164 34	0.00	0.00	1999/1/1 11:00	1999/1/1 11-23	1.0	JT1-019 JT1-018 43.00	0.00	0 6 9	1999/1/1 11:01	1999/1/1 15.08	5,841.7	JT2 064 JT2 085 140
1 ••• 46B_1	230.07	0.00	0.00	1999/1/1 11:19	1999/1/1 11:23	-19	JT1-018 JT1-016 29.84	0.00	0 53	1999/1/1 11:00	1999/1/1 13 57	4,681.7	JT2-055 JT2-086 19.9
1 45C 1	29.64	0,00	0.02	1599/1/1 11:00	1999/1/1 11-23	11.1	JT1-018 JT1-016 89.53	0.00	0.51		1999/1/1 13 57	4,850.1	JT2-085 JT2-86A 13.4
B 1 46C 1	68 93	0 00	0.02	1999/1/1 11.00	1999/1/1 11/23	9.4	JT1-018 JT1-015 149.22	0.00	0.50	1999/1/1 11:00	1999/1/1 15:06	4,819 2	JT2-86A JT2-081 188
B 1 460 1	148 22	0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	2.1	JT1-018 JT1-016 20891	0.00	0 50	1999/1/1 13.42	1999/1/1 15-06	4,790.1	JT2-089 JT2-091 27.0
3_1 45C_1	207 51	0.00	0,01	1999/1/1 11:00	1999/1/1 11:23	6 2	JT1-018 JT1-016 268 60	-0.01	0.50	1999/1/1 13.43	1999/1/1 15 06	4,757.8	JT2-089 JT2-091 81.0
B_1 48C_1	266 80	0.00	10.01	1999/1/1 11:00	1999/1/1 11:23	49	JTI-018 JTI-016 32829	-0.01	0 50	1999/1/1 13:40	1999/1/1 15:06	4,726.8	JT2-089 JT2-091 135
0,1 460,1	26 36	0.00	10.0	1999/1/1 11:00	1999/1/1 11/23	42	JT1-018 JT1-016 387.93	-0.02	0.50	1999/1/1 13:41	1999/1/1 15:06	4,635 6	JT2-091 JT2 093 150
D.1 460,1	79.07	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	36	33D_1 33E_1 29.89	000	074	1999/1/1 11:11	1999/1/1 15:11	3,869 9	JT2-093 JT2-094 17.5
0,1 460,1	131.78	0.00	0.01	1999/1/1 11:00	1999/1/1 11:23	29	33D_1 33E_1 89.69	0.00	074	1999/1/1 11:00	1999/1/1 15:11	3,867.6	JT2-094 JT2-096 258
0,1 460,2 .	32.10	0.00	0.01	1999/1/1 11:00	1999/1/1 11:19	6.3	33D_1 33E_1 149.46	0.00	0.74	1999/1/1 11:00	1999/1/1 15:11	3,8636	JT2-094 JT2-096 77.3
D.1 460.2	96 30	0.01	0.00	1999/1/1 11 23	1999/1/1 11:09	-40	33D 1 33E 1 209 25	0.00	0.74	1993/1/1 11:00	1999/1/1 15:11	3,861.0	JT2-096 14A 1 35.41
D_1 46D_2	160 51	-007	0.00	1999/1/1 11:23	1999/1/1 11:09	-220	33D1 33E1 259 03	0.00	0.74	1999/1/1 1331	1998/1/1 15:11	3,855.9	JT2-095 14A_1 105 24
D.1 460.2	224.71	-0.12	0.00	1999/1/1 11:23	1999/1/1 11:00	-587	33D_1 33E_1 328.82	-0 03	0.74	1999/1/1 13-35	1999/1/1 15:11	3,848.1	JT2-032 JT2-093 346
D.1 450,2	288 91	-0,17	0.00	1999/1/1 11:23	1999/1/1 11:00	-97.4	33E_1 JT1-082 29 29	0 00	1.62	1999/1/1 11:00	1999/1/1 14 56	9,715.7	JT2-101 JT2-098 27.2
0 1 450 2	353.12	-022	0.00	1999/1/1 11:23	1999/1/1 11:00	-153.7	33E 1 JT1-082 07.66	0.00	1 62	1999/1/1 11:00	1999/1/1 14.56	9,704.4	JT2-101 JT2 098 81.7
EA_1 50EB_1	12 38	-0.36	0.00	1999/1/1 11:23	1999/1/1 11:00	-247.8	33E_1 JT1-082 145.43	0.00		1999/1/1 11:00	1999/1/1 14.56	9,691.8	JT2-098 JT2-099 _ 26.7
A 1 ~- 508_1	32.47	0.00	0 0 6	19\$9/1/1 11:00	1999/1/1 11:23	46 B	33E_1 JTI-082 205 00	0.00	1 62	1999/1/1 11:00	1999/1/1 14 56	9,679.7	JT2 098 JT2-099 80.1
A 1 50B 1	97.42	0.00	0.06	1999/1/1 11:00	1999/1/1 11:23	44 3	33E 1 JTI-082 263 58	0.00	1.62	1999/1/1 11:00	1999/1/1 14 56	9,669 9	JT2-099 JT2-100 30 8
A 1 50B 1	162 36	0.00		1999/1/1 11:00	1999/1/1 11:23	40 3	33E 1 JTI-082 322.15	0.00	1.62	1999/1/1 11:00	1999/1/1 14.56	9,659 3	JT2-100 15A_1 21 60
A_1 508_1	227.30	0.00	0.05	1999/1/1 11:00	1999/1/1 11:23	338	33E1 JT1-082 380.72	0.00		1599/1/1 11:00	1999/1/1 14.56	9,647.5	JT2-105 JT2-107 29.7
A 1 508,1	292 25	0.00		1999/1/1 11:00	1999/1/1 11:23	28.4	33E_1 JT1-082 439 29	0.00		1999/1/1 13.40	1999/1/1 14 56	9.637.5	JT2-105 JT2-107 89.0
A 1 50B 1	357.19	0.00	0.04	1999/1/1 11:00	1999/1/1 11:23	19.7	33E1 JT1-082 497.86	-0.02		1999/1/1 13.41	1999/1/1 14.56	9,627.9	JT2-105 JT2-107 148.
8.1 50EA.1	31.07	0.00	0.08	1999/1/1 11:00	1992/1/1 11-23	51.8	J11-082 JT1-093 2324	-0.40	1 7 7 7 1	1999/1/1 14:04	1999/1/1 13-34	-1,067.8	JT2-105 JT2-107 207
8_1 50EA_1	9321	0.00	0.08	1999/1/1 11:00	1999/1/1 11:23	43 3	JT1-083 JT1-084 23.72	-0.81		1999/1/1 14.45	1999/1/1 16.10		JT2-105 JT2-107 267
8 1 SOEA 1	155.35	0.00	0.07	1999/1/1 11:00	1999/1/1 11:23	33.7	JT1-083 JT1-084 71.17	-0.51	6.03	1999/1/1 14.45	1999/1/1 16:09	-2 263.1	JT2-107 3488_1 28.4
08 1 5CEA 1	217.49	0.00	0.06	1999/1/1 11:00	1999/1/1 11:23	26 0	JT1-084 JT1-022 25.48	0.00	0 30	1999/1/1 11.00	1999/1/1 14,45	1,988,6	JT2-107 3488_1 853
08 1 50EA I	279 62	0.00	0.05	1999/1/1 11:00	1999/1/1 11:23	19.9	JT1-084 JT1-022 79.45	0.00		1999/1/1 11:00	1999/1/1 14.45	1,976 8	JT2-107 3488_1 142
B 1 50EA 1	341.76	0.00	0.04	1999/1/1 11:00	1999/1/1 11:23	13.0	JF1-084 JT1-022 132.41	0.00		1999/1/1 11:00	1999/1/1 14.45	1 965 0	JT1-016 JT1-042 233
8 1 50EA 1	403 90	-0.03	0.01	1999/1/1 11:23	1999/1/1 11:19	12	JT1-084 JT1-022 185.38	0.00	1 1 1 m m m	1939/1/1 11:00	1999/1/1 14.45		JT1-042 JT2-081 291
B 1 50EA 1	456 04	-0 08	0.00	1999/1/1 11:23	1999/1/1 11:09	-228	JT1-084 JT1-022 238 35	0.00	· · · · · · · · · · · · · · ·	1999/1/1 11:00	1999/1/1 14.45	1,941.4	JT1-042 JT2-081 88
B.1 50EA.1	528.18	-0.14	0.00	1999/1/1 11:23	1999/1/1 11:09		JT1-084 JT1-022 291.31	0.00	1 · I	1999/1/1 11:00	1999/1/1 14.45	1,929.4	JT1-042 JT2-081 147
08_1 50EA_1	590 32	-0.19	0.00	1999/1/1 11:23	1999/1/1 11:00		JT1-084 JT1-022 344.28	0 00	,	1999/1/1 11:00	1599/1/1 14.45		JT1-042 JT2-081 201
8,1 50EA,1	652.45	-0 23	0.00	1999/1/1 11:20	1999/1/1 11:00	-1105	JT1-084 JT1-022 39724	0 00	1	1999/1/1 11:00	1999/1/1 14.45	1,905.7	JT1-042 JT2-081 266
18 50EA I	714 60	-0 27	0 00	1999/1/1 11:23	1999/1/1 11.00	-1498	JT1-084 JT1-022 450 21	0.00		1999/1/1 11:00	1999/1/1 14.45	1,893.8	JT4-042 JT2-081 325
08_1 50EA_1	776 73	-0 31	0.00	1999/1/1 11:23	1999/1/1 11:00		JT1-084 ~- JT1-022 503.18	0.00		1999/1/1 11:00	1999/1/1 14.45		JT1-021 JT1-047 27.
08_1 50EA_1	638 87	-031	0.00	1999/1/1 11:23	1999/1/1 11:00	-225.5	JT1-084 JT1-022 558.14	-0.02		1999/1/1 13:44	1999/1/1 14.45	1,871.0	JT1-047 JT2-657 27
08 1 - 50EA 1	901-01	-0 38		1999/1/1 11:23	1999/1/1 11:00	-261.4	JTJ-684 JT1-022 609.11	-0.05	0 30	1999/1/1 13.45	1999/1/1 14.45		JT1-047 JT2-057 82.
<u> 24A 1 1248 1</u>	1 33.44	0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	18.1	JT1-084 JT1-022 662.07	-0.07	0 30	1999/1/1 13:45	1999/1/1 14.46		JT1-C47 JT2-057 13
24A_1 124B_1	1 100.32	0.00	0.02	1999/1/1 11:00	1999/1/1 11:23	180	JTI-022 JTI-021 20 50	0.00		1359/1/1 13-28	1999/1/1 14:05		JT2-057 JT2-059 37.
248 1 46D 1	35.19	0.00	0.01	\$999/1/1 11:00	1999/1/1 11:23	7.9	34AA 1 34BA 1 30.00	-0.08		1999/1/1 14:23	1999/1/1 14-36		JT2-057 JT2-059 11
248_1 45D_1	165.57	0.00	001	1999/1/1 11:00	1999/1/1 11:23	7.5	34AA_1 34BA_1 90.00	-0.17	1	1999/1/1 14:24	1999/1/1 15 12	-0.8	J12-059 34BC_1 14.0
248_1 46D_1	175 95	0.00	0.01	1999/1/1 11:00	1999/1/1 11:19	69	34AA 1 348A 1 149.99	-0 23	0 05	1999/1/1 14:24	1999/1/1 15-21		JT1-026 JT1-022 26
068_1 50688		-0.38	0.00]	the second se	1999/1/1 11:00	-268.5	34AA_1 34BA_1 209.99	-0.24		1999/1/1 14/23	1999/1/1 15-25	-1.4	JT1-026 JT1-022 80
£8_1 50E88	3 1 100 62	-0.44	0.00]	1999/1/1 11:23	1999/1/1 11:00	-324.0	34AA_1 34BA_1 269.99	-0.24		1999/1/1 14:23		-11.0	JT1-026 JT1-022 13
£8_1 \$0£88		-0.50	0 00	1999/1/1 11:23	1999/1/1 11:00	-384.6	JT2-007 JT2-008 27.56	-0.18	0.16	1999/1/1 14.44	1999/1/1 14:04		JT1-026 JT1-022 18
XE8_1 50EB8		-05	s 0.00]	1999/1/1 11:23	1999/1/1 11:00	-442.7	JT2-007 JT2-008 82.69	-0.18	0.16	1999/1/1 14.44	1999/1/1 14.04		JT1-026 JT1-022 24
£8,1 50E8E	301.85	-0.60	0.00	1999/1/1 11:23	1999/1/1 11:00	-498.5	JT2-007 JT2-008 137.82	-0.18		1999/1/1 14.44	1999/1/1 14.04		JT1-026 JT1-022 29
EBB 1 50EC		-0.63	0.00	1999/1/1 11:23	1999/1/1 11:00	-539.4	JT2-007 JT2-008 192 95	-0.16		1999/1/1 14:44	1999/1/1 14:04		JTI-026 JTI-022 34
3DB 1 63DE		0.00		1999/1/1 11:00	1999/1/1 11:23	10.8	JT2-007 JT2-008 248.08	-0.16	0.16	1999/1/1 14.44	1599/1/1 14:04		JT1-026 JT1-022 40.
308_1 630BI		000		1999/1/1 11:00	1999/1/1 11:23	1	JT2-008 JT2-009 26.10	-0.04	0.34	1999/1/1 17.00	1999/1/1 14.44	1,106.1	JT1-026 JT1-022 45
08,1 6308		0.00		1999/1/1 11:00	1999/1/1 11:23	· · · · · · · · · · · · · · · · · · ·	JT2-009 JT2-010 26 28	-0.04	0.17	1999/1/1 17:00	1999/1/1 14.44	733.3	JT1-041 JT1-042 34
008 1 63DE		0.00		1999/1/1 11:00	1999/1/1 11:23	• • •• • • • • • • • • • • • • • • • •	JT2-009 JT2-010 78.85	-004	0.17	1999/1/1 17:00	1999/1/1 14 44	718.1	JT1-044 JT2-038 30
00881 5306	3_2 14 56	0.00	0.02	1999/1/1 11:00	1999/1/1 11 23	7.9	JT2-009 JT2-010 131.42	-0.04	0.17	1999/1/1 17:00	1999/1/1 14.44		JT1-044 JT2-038 90
D Zone]							JT2-008 U42AA_1 26.11	-0.40	0.32	1999/1/1 15:04	1999/1/1 14.04		JT1-044 JT2-038 15
BA_1 - 238_1		0.00		1999/1/1 13:35	1999/1/1 16.05		JT2-008 U42AA 1 78.32	-0.40	0.32	1999/1/1 15 04	1999/1/1 14 64	-2,492 5	JT1-044 JT2-038 21
3G_1 <u>1</u> 31_2		0.00		1999/1/1 11:00	1999/1/1 14.07	5,986.9	JT2-008 U42AA_1 130.53	- 0.40	0 31	1999/1/1 15:04	1999/1/1 14:04	-2,519.6	JT1-C44 JT2-038 27
IG_1 131_2		0.00		1999/1/1 11:00	1999/1/1 14:01	· · · · · · · · · · · · · · · · · · ·	JT2-008 U42AA 1 182.75	-0.40	0,30	1999/1/1 15:04	1999/1/1 14:03	-2.547.3	JT1-046 JT1-042 27
3G 1 131 2		0.00		1999/1/1 11:00	1999/1/1 14:01		JT2-035 JT1-018 26.83	-0.16	0 30	1999/1/1 15.10	1999/1/1 13:53	-350 6	JT1-046 JT1-042 82
3G_1 1 31,2		0.00		1999/1/1 11:00	1999/1/1 14:01	a comparison of the second secon	JT2-036 JT1-018 80.50	-0.10	0.30	1999/1/1 15:10	1999/1/1 13:53	-366.3	JT1-046 JT1-042 13
3 <u>G_1 131,2</u>		0.00		1999/1/1 11:00	1999/1/1 1407		JT2-036 JT1-018 134.16	-0.1	0 30	1999/1/1 15:10	1999/1/1 13.53	-381.9	JT1-C46 JT1-C42 19
3G_1 131_2		0.00		1999/1/1 11:00	1999/1/1 14.46		JT2-036 JT1-018 187.83	-0.11	0.30	1999/1/1 15:10	1999/1/1 13:53	-397.5	JT1-C46 JT1-C42 24
<u>30_1 131_2</u>		0.00		1999/1/1 11:00	1999/1/1 14.40	* · · · · · · · · · · · · · · · · · · ·	JT2-035 JT1-018 241,49	-0.13	0 30	1999/1/1 15:10	1999/1/1 13:53	-4125	JT1-045 JT1-042 30
3G 1 131 2		0.00		1999/1/1 11:00	1999/1/1 14.46	5 950 7	JT2-036 JT1-018 295.16	-0.11	0.28	1999/1/1 15:10	1999/1/1 13.54	-428.7	JT1-046 JT1-042 35
3G <u>1</u> 131,2		0.00		1999/1/1 11:05	1999/1/1 14.46	• • • • • • • • • • • • • • • •	JT2-036 JT1-018 348.82	-0.1	3 0.28	1999/1/1 15:10	1999/1/1 13 54	-445 2	JT1-045 JT1-042 41
3G_1 JTt-0		0.00		1999/1/1 11:00	1999/1/1 14:00		JT2-036 JT1-018 402.48	-0.1		1999/1/1 15.11	1999/1/1 13 54		JT1-045 JT1-042 46
3G_1 JTI-0		0.00		1999/1/1 11.00	1999/1/1 14.06		JT2-036 JT1-018 45615	-0.1		1999/1/1 15.11	1999/1/1 13 54	• ************************************	J11-046 J11-042 52
301 111-0		0.00	1.03	1999/1/1 11:00	1999/1/1 14:00	4,691.5	JT2 038 128A 1 33 80	0.0		1999/1/1 11:01	1999/1/1 14:35		JT1-046 JT1-042 57
13G_1 JT1-0	21 219.33	0.00	0.99	1999/1/1 11:00	1999/1/1 14:00	4,691.0	JT2-038 128A 1 101.40	-00		1999/1/1 13:05	1999/1/1 14:35	4.3272	JT1-045 JT1-042 63
3G_1 JT1-0	21 281.99	0.00	88.0	1999/1/1 11:00	1999/1/1 14:00		JT2-038 128A 1 169.00	-0.0		1999/1/1 13:04			JT1-045 JT1-047 26
13G_1 JT1-0	21 344.66	0.00		1999/1/1 11:00	1999/1/1 14:0	and the second second second second	JT2-040 - JT2-038 2513	0.0		1999/1/1 11:01	1993/1/1 14:20		JT1-045 JT1-047 79
13G_1 JT1-0	21 407.32	0.00		1999/1/1 11:00	1999/1/1 14:0		JT2-040 JT2-038 75.40	0.0		1999/1/1 11:01	1999/1/1 14:20		JT1-046 JT1-047 13
130_1 JT1-0		0.00		1999/1/1 11:00	1999/1/1 14.5		J12-076 J12-007 2375	-0.0		1999/1/1 13 58	1999/1/3 14:35		JT1-048 JT2-110 32
33G_1 JT1-0		0.00		1999/1/1 13.50	1999/1/1 14.5	The second se	JT2-076 JT2-007 86 26	-0.0		1999/1/1 13:57	1999/1/1 14.35		JT1-C48 JT2-110 32
				1999/1/1 13.54		 The second s				1399/1/1 13:03			
3G1 JT1-0	21 59532	-0.02	0.75	1333/1/11226	1999/1/1 14:5	4,607.0	JT2-081 245_1 29.76	-0.1				7,2525	JT2-110 42A_1 29,1

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والإيطا جهرغاب المردا فالدارديات

ļ	Minimum (m ¹ /s)	Maximum (m³/s)	Minimum Time	Maximum Time	Accumulated Volume (m3)
	-0.12 -0.13	086 086	1999/1/1 13:02	1999/1/1 15:36	7,156 8
	-0.14	086	1999/1/1 1301 1999/1/1 1301	1999/1/1 15 36 1999/1/1 15 36	7,108 9
I	-014	0 86	1999/1/1 1301	1999/1/1 15:36	7.0130
	-0.16	216	1999/1/1 13 00	1999/1/1 14 37	11.680.0
	-0.09	010	1999/1/1 14 39	1999/1/1 16:06	363 5
•	-0.09	0 10	1999/1/1 14:39	1999/1/1 16:06	347.1
	-0 09 -0 21	0.10	1999/1/1 14 39	1999/1/1 15 58	3307 5495
I	-0 33	0 2 2	1939/1/1 14.44	1999/1/1 15:37	6150
	-0 33	0 2 2	1999/1/1 14.44	1999/1/1 15 37	595.3
	0.00	0.50	1999/1/1 13:22	1999/1/1 14.35	1.343.7
ł	-0 01	0 50	1999/1/1 13 22	1999/1/1 14:35	1,321,4
	0 01 <u>~</u> 0 01	0.50	1999/1/1 13 22	1999/1/1 14:35 1999/1/1 14:35	1,300.4
	-0.02	0.42	1999/1/1 14:02	1999/1/1 14 34	1.665.6
I	-0.04	0 36	1999/1/1 14:03	1999/1/1 14 20	14950
	-0.04	0 36	1999/1/1 14:03	1999/1/1 14 20	1 479 6
ļ	-0.05	0.45	1999/1/1 14.03	1999/1/1 14,48	2 1 6 3 3
ł	-0.05	. <u>0</u> .45	1999/1/1 14:03	1999/1/1 14.48	2 0 5 1 8
I	-0,03 0,00	0.01	1999/3/1 14:03	1999/1/1 14/04	-17.7
I	0.00	0.44	1999/1/1 16.43 1999/1/1 16.51	1999/1/1 14:39	1,907.0
I	0.00	0.25	1999/1/1 11:00	1999/1/1 14:02	1 333 3
I	0.00	0 25	1999/1/1 11 00	1999/1/1 14.02	1 329 0
I	0.00	0.25	1899/1/1 13:32	1999/1/11403	1,431,8
-	-0 01 -0 10	0.29	1999/1/1 13:02	1999/1/1 16.49	1 573 7 -0 3
1	-0.15	0.03	1999/1/1 14:34 1999/1/1 14:34	1999/1/1 14.53 1999/1/1 14.53	-03
ł	-0.19	0.08	1999/1/1 14:33	1999/1/1 14.53	-1,0
Į	-0.19	0.10	1999/1/1 14:33	1999/1/1 15:05	-0 8
ł	-0.21	<u>0,10</u>	1999/1/1 14.27	1999/1/1 15:05	-0.8
·	-021	0.10	1999/1/1 14 27	1999/1/1 15:05	2.1
	-0 21 -0 22	0.10	1999/1/1 14:27 1999/1/1 14:27	1999/1/1 15:05	-5.1
	-0.01	0 61	1999/1/1 13 28	1999/1/1 14:06	5,1100
	-003	0.70	1999/1/1 13:09	1999/1/1 14.52	6 915 1
-	-0.03	0.70	1999/1/1 13:08	1999/1/1 14.52	6 869 2
	-0.04	0.70	1999/1/1 13:06	1999/1/1 14.52 1993/1/1 14.52	6,822.1 6,734.8
	-0.05	0.10	1999/1/1 13:33	1999/1/1 14.52	6,727.4
	-0.08	0.70	1999/1/1 13:34	1999/1/1 14.52	6,680 1
1	0.00	0.75	1999/1/1 11:00	1999/1/1 14.08	5,830.9
	0.00	0.61	1999/1/1 13:34	1999/1/1 15:19	4,664.2
-	-0.01 -0.01	0.61	1999/1/1 13:33 1999/1/1 13:33	<u>1993/1/1 15:19</u> 1999/1/1 15:19	4 635 8
-	0.00	0.86	1999/1/1 11:00	1999/1/1 14:20	5,995.1
	0.00	0.85	1999/1/1 11:05	1999/1/1 14.19	5 976 1
	0.00	0.84	1999/1/1 12:03	1999/1/1 14:19	5 965 7
	0.00	0 36	1999/1/8 11:31	1999/1/1 14.45	2,435.6
	0 <u>00</u> 000		1999/1/1 11:00	1999/1/1 14.46 1999/1/1 14.46	2,490 2 2,483.4
•	0.00	0.36	1999/1/1 11:00	1999/1/1 14:46	2,476.0
	0.00		1999/1/1 11:00	1999/1/1 14.46	2,467.9
-	0.00		1999/1/1 11:00	1999/1/1 14.46	2,459.2
1	000 000	- 036	1999/1/1 11:00 1999/1/1 11:01	1999/1/1 14.46	2,449.6
	0.00 0.00	036	1999/1/1 11:00	1999/1/1 14.46 1999/1/1 14.46	2,439,3 2,428,2
. 1	-017	0.17	1999/1/1 14.42	1999/1/1 15 56	631.9
	-0.09		1999/1/1 14:22	1999/1/1 15:04	1.9
• •	-0.26	0.08	1999/1/1 14/20	1999/1/1 15:04	-1.4
-	-0 39 -0.47		1999/1/1 14:20	1999/1/1 15:12 1999/1/1 15:12	2.1
•	-0.47	0.16	1999/1/1 14/20 1999/1/1 14/20	1999/1/1 15:12	2.1
	0.00		1939/1/1 13.51	1939/1/1 14.44	1,125.2
	0.00	F	1999/1/1 11:00	1999/1/1 14.44	1,123 9
	0.00		1999/1/1 11:00	1999/1/1 14.44	1,122 5
·	0.00			1999/1/1 14.44	1,121.3
••••	-002 -007		<u>1999/1/1 14.06</u> 1999/1/1 14:07	<u>1999/1/1 14.44</u> 1999/1/1 14.44	1,119,1 1,118,3
•	-0.11				1,1122
	-0.13				1 193 3
	-0.14	0.25	1999/1/1 14:04		1,069.3
-	-014			1999/1/1 14.45	1.073 5
-	-010				1057.7
•••	-0.14				<u>1.041.6</u> -1,125.5
	-0.25				-1,130,7
	-025	0.00	1999/1/1 14.44	1999/1/1 12 56	-1,1398
-	-0.05				0.6
					-03
	-0.23				

والالان المراجع المراجع والمراجع

Discharge (5-5)

Line No. (Distance in m)	Minimum (m³/s)	Maximum (m³/s)	Minimum Time	Maximum Time	Accumulated Volume (m3)	Line No. (Distance in m)	Minimum (m ³ /s)	Maximum (m ³ /s)	Minimum Time	Maximum Time	Accumulated Volume (m3)
1-082 330 1 17.72	0.00	1.86	1899/1/1 11:01	1999/1/1 14 06	10.6853	1270_1 278,1 27.34	-001	369	1999/1/1 13 28	1999/1/1 14 42	15,139
7A 1 U478 1 2723	0.00	0 34	1999/1/1 11:11	1993/1/1 13.40	2 213 4	1270_1 278_1 82.02	-0.05	3 69	1999/1/1 13 28	1999/1/1 14.42	15,095
7A 1 U47B 1 81.68	0.00	034	1939/1/1 11:00 1999/1/1 11:00	1999/1/1 13.40 1999/1/1 13.40	2,211.8	278_1 270A_1 2029 278_1 270A_1 90.66	-0.11	2 69 2 69	1599/1/1 13:04	1999/1/1 14 53	15,661
7A_1 U47B_1 13614 7A_1 U47B_1 19059	0.00	0 29	1999/1/1 11:00	1999/1/1 13.40	2.209.2	278,1 270A,1 151.43	-0.14	2 69	1999/1/1 13:03 1999/1/1 13:03	1999/1/1 14.53 1999/1/1 14.53	15.794
7A,1 U47B,1 24505	0.00	0 26	1999/1/1 11:00	1999/1/1 14.55	2 201 2	278,1 270A 1 21200	-015	2 69	1993/1/1 1303	1999/1/1 14 53	15,596
7A,1 U478,1 299.50	0.00	0 26	1999/1/1 11:00	1999/1/1 14.55	2 200 7	278,1 27DA_1 272.57	-0.16	2 6 9	1999/1/1 13 02	1999/1/1 14.53	15,497
7A_1 U47B_1 353.95	-001	0 26	1999/1/1 13:35	1999/1/1 14:55	2,199.5	278_1 - 270A_1 333.14	-0,18	5 6 9	1999/1/1 13:02	1999/1/1 14 53	15,375
FA_1 U478_1 408.41	-0.03	_ 026	1999/1/1 13 36	4599/1/1 14.55	2,198.2	278 1 2704 1 393 71	-0.19	2 69	1999/1/1 13:02	1999/1/1 14 53	15,261
B_1 U470_1 27.56 B_1 U470_1 82.67	0.00	0.42	1999/1/1 11:00	1999/1/1 13.41	3 295 5 3 288 8	278,1 270A,1 45428 270A,1 2708,1 3957	-0 20	2 69	1999/1/1 13:02	1999/1/1 14.53	15,147
B1 U470 1 137.79	000	0,42	1999/1/1 11:00	1999/1/1 13.41	3 281.4	27DB_1 123C_1 35.12	-1.04	0.00	1999/1/1 14 44	1999/1/1 15.41	-2 0 70
B 1 U47C 1 192 91	0.00	0.42	1999/1/1 11:00	1999/1/1 13.41	32732	1230 1 1230 1 31.16	-1.03	0.01	1999/1/1 14:39	1999/1/1 15 38	-2.032
B 1 U47C 1 248 02	0.00	0.42	1999/1/1 11:00	1999/1/1 13:41	3 256.4	1230 1 27EB 1 3265	0.00	0 81	1999/1/1 11 01	1599/1/1 14-38	2,596
3 1470 1 303 14	0.00	0 3 3	1999/1/1 11:00	1999/1/1 14 54		1230 1 2768 1 97.95	-0.01	0.81	1999/1/1 13.01	1999/1/1 14 38	2,58
B,1 U47C,1 359.26	0.00	0.39	1999/1/1 11:00	3999/1/1 14 54	3,243.6	1230,1 2788,1 163 25	-0.01		1999/1/1 13:01	1999/1/1 14:38	2.55
8 1 U470 1 413 37 8 1 U470 1 468.49	0.00	0 39 0.39	1999/1/1 11:00	1999/1/1 14.54 1999/1/1 14.54	3 232 2 3 219 8	1230_1 27E8_1 228.55 27E8_1 27E8_2 36 29	-0.45	081	1999/1/1 11:27	1999/1/1 14:38	2.52
B_1 147C_1 523.61	0.00		1999/1/1 11:00	1999/1/1 14.54	3,206 5	2768 1 2768 2 108 66	-0 50	5 61	1999/1/1 11.51	1999/1/1 14:45	21,98
B 1 U470 1 57872	0 00	0 39	1999/1/1 12:15	1999/1/1 14 54	3,192.8	146.1 247.1 29.41	-0.01	0 34	1999/1/1 12:29		
B_1 U47C_1 633.84	0.00		1999/1/1 12:15	1999/1/1 14 54	3,178.3	145_1 247_1 88.24	-0.03	0.34	1999/1/1 12:30	1999/1/1 14.45	1.49
B_1 U47C_1 688 95	0.00	0 39	1999/1/1 11.57	1999/1/1 14.54	3,163.2	146_1 247_1 147.07	0.04	034	1999/1/1 12:32	1999/1/1 14.48	1.46
8_1 U47C_1 744.07 C_1 U43B_1 26.47	-0.04	0.39	1999/1/1 11.57 1999/1/1 14.07	<u>1999/1/1 14.54</u> 1999/1/1 15.07	3,147.6 3,800.0	1461 2471 20590	-0.05 -0.06	0 34 0 34	1999/1/1 12:33	1999/1/1 14.48	1,42
C1 U438 1 79.42	-0.07	0.41	1999/1/1 14.05	1999/1/1 15:07	3,782.2	146_1 247_1 264.72 23B_1 23C_1 32.48	-0.01	0.01	1999/1/1 13 59	1999/1/1 16 05	-2
C I U43B 1 132 37	-0.11	0.()	1999/1/1 14.05	1999/1/1 15:07		238,1 230,1 97,43	-0.02	0.02	1999/1/1 1302	1999/1/1 16:05	-5
C 1 U438 1 185 31	-0.15	0.41	1999/1/1 14:05	1999/1/1 1507	3 726 8	238 1 23C 1 162 38	-0 03	0 03	1999/1/1 12 52	1999/1/1 16:05	-9
C_1 U438_1 _238.26	0.15	0.41	1999/1/1 14:05	1999/1/1 15:07		238 1 230 1 227.34	-0.05	0 03	1999/1/1 12.52		
B.1 U42AA 1 29.41	-0.19		1999/1/1 14:05	1999/1/1 16:04	3,089.2	230,1 23DA 1 32.44	-0.06	0.04	1999/1/1 12.52	1599/1/1 16:05	
B_1 U42AA_1 88.22 B_1 U42AA_1 147.04	-0 20	0.34	1999/1/1 14:05 1999/1/1 14:05	1999/1/1 16:04 1999/1/1 16:04	3,061.8 3,035.3	2301 230A1 97.32	-0.09 -0.10	0.04	1999/1/1 12 52		
B_1 U42AA_1 205.85	-019		1999/1/1 14:05	1999/1/1 16:04		230A 1 230B 1 32 55 230B 1 230B 2 27.42	-007	0.01	1999/1/1 12 52	1999/1/1 16 05	
B 1 U42AA 1 264.67	-0.19		1999/1/1 14:05	1999/1/1 16 04		2308 1 23DB 2 82 26	-0 07	0.07	1999/1/1 12 52	1999/1/1 16:05	
8_1 U42AA_1 323.49	-0.15		1999/1/1 14:05	1999/1/1 15:04	2,941.2	2308_1 2308_2 137.11	-0 08	0.07	1999/1/1 11:47	1999/1/1 16-05	-5
B 1 U42AA 1 382 30	-0.19		1999/1/1 14:05	1999/1/1 16:04		2308,1 2308,2 191,95	-0.10	0 0 7	1999/1/1 11:45	1999/1/1 16:05	19
8 1 U42AA 1 441.12 2 U45A 1 27.83	-018		1999/1/1 14:05 1999/1/1 14:22	1999/1/1 16:04		42A 1 127A 1 2955	-0.53	0 2 2	1999/1/1 14:38		
2 U45A 1 83.49	-0.04		1999/1/1 14 23	<u>1999/1/1 16:17</u> 1999/1/1 16:17	-1.6 -42	<u>42A 1 127A 1 8866</u> <u>42A 1 127A 1 147.77</u>	-0.54 -0.59	027	1999/1/1 14:31 1999/1/1 14:31	1999/1/1 14.52	
2 U45A 1 139.14	-0.05		1999/1/1 14:23	1999/1/1 16.17		424 1 1274 1 208.88	-0.60	0 32	1999/1/1 14:36	the second se	
6 2 U45A 1 194 60	-0.06	0.02	1999/1/1 14 24	1999/1/1 18:17	-11.3	42A 1 127A 1 265.99	-0 60	0.32			
5_2 U45A_1 250.46	-0.0	0.03	1999/1/1 14:25			42A_1 127A_1 325.10	-0.60	0.32	1999/1/1 14:30		
5,2 U45A,1 306.11	-0.0		1999/1/1 14 26	1999/1/1 16:17		42A.1 127A.1 384.21	-0 60	0 32	1999/1/1 1430		
5,2 U45A,1 361.77 5A,1 U47D,1 28.14	-0.0		1999/1/1 14:26	1999/1/1 16:17 1999/1/1 16:17		42 <u>A_1 127A_1 443.32</u> 42 <u>A_1 127A_1 502.43</u>	-0.60	0.32	1999/1/1 1430		
5A,1 U470,1 84.42	-0.0			1999/1/1 16.17		127A 1 127B 1 31.46	-0.60	0.34	1999/1/1 14:30		
5A 1 U470 1 149 70	-0.11		······································	1999/1/1 16.17		127A 1 1278 1 9439	-0 61	0.37	1999/1/1 14:30	a second a second a second	
5A_1 U470_1 196 98	-0,1		· · · · · · · · · · · · · · · · · · ·	1959/1/1 16:11	-560	127A 1 1278 1 157.32	-0.83	0.39	1999/1/1 14:2	1999/1/1 15.12	
5A 1 U47D 1 253 26	-0.1			1999/1/1 16:17		127A 1 1278 1 220 25	-0.64	0.39	1999/1/1 14:2		
5A_1 U47D_1 309.54 5A_1 U47D_1 365.82	-0.14		<u>1999/1/1 14.10</u> 1999/1/1 14.10	1999/1/1 16:17	1 ••• ••••• • • • • • • • • • • • • • •	127A 1 127B 1 283 18	-0.84	0.39	1999/1/1 142	1 - · · · · · · · · · · · · · · · · · ·	
5A_1 U47D_1 422.10	-0.1					1278_1 127C_1 36.09 1278_1 127C_1 108.28	-0.02	1.73			
5A 1 U470 1 478 38	-01		•		a second s	144.1 247.1 41.71	-0.17		1999/1/1 12:0		
5A_1 U470_1 534.65	-0,1	0.06	1999/1/1 14.08	1999/1/1 16:10		15A_1 - 15B_1 3434	-0 23	0.25	1999/1/1 14:4	5 1999/1/1 1403	5
7D_1 U47C_1 31.00	-03			1999/1/1 16.48		15A 1 158 1 103.01	-0 23	0 25			
2AA_1 U42B8_1 30.32 2AA_1 U4268_1 90.95	-0.4			1999/1/1 14:03		15A 1 - 158 1 171.69	-0 23		· ····································		
2AA_1 U4288_1 151 60	-0.4		· · · · · · · · · · · · · · · · · · ·	1959/1/1 17:00		158,1 158,1 240,36 158,1 148,1 29,05	-023	0.25	1999/1/1 14.4 1999/1/1 14.4		
2AA 1 U4288 1 212 24	-0.4			1999/1/1 17.00		158,1 14A,1 87.15	-0.72				
2AA_1 U4288_1 272 88	-0.4	6 0.20	1999/1/1 14.51	1999/1/1 17 00	-942 9	40A 1 40B 1 29.19	0.00	1.68	1999/1/1 11:1	0 1999/1/1 14:38	4.1
244,1	-0.4		£	1999/1/1 17:00		40A 1 40B 1 87.56	0.00	1.66		· · · · · · · · · · · · · · · · · · ·	
AA,1 U4288,1 394.17 AA,1 U4288,1 454.81	-0.4 -0.5			1999/1/1 17:00	· · · · · · · · · · · · · · · · · · ·	40A 1 40B 1 145.93	-0.01				
AA_1 U4268_1 515.45	-0.5			1999/1/1 17:00		<u>408 1 408 1 204 31</u> <u>408 1 408 2 36 41</u>	-0.01				
AA 1 U426B 1 576.09	-05	1 1 - 1 - 1 - 1 - 1	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		408,1 408,2 109,22	-0.02		1		
2AA 1 U428B 1 636.73	-0.5		1999/1/1 14:03	1999/1/1 17.0	-1,126.0	40A 1 1230 1 28 47	0.00	0.34			
88_1 JT1-019 3028	. 0.0	· · · · · · · · · · · · · · · · · · ·			a set of the set of th	40A.1 1230.1 79.40	-0 61				
88_1 371-019 90.85	0.0					40A 1 123D 1 132.33	-0.02		a the second sec		
88.1 J71-019 151.42 88.1 J71-019 211.99	00					27A 1 27B 1 34.15 27A 1 27B 1 102.46	0.00				
268 1 JT1-019 272 56	0.0				A ALL A ALL AND	274.1 278.1 170.77	-0.02		1999/1/1 14:0		
EB 1 JT1-619 333.13	0.0			· ····································	and second second second second	128A 1 278 1 29 40	-1.93				
881 JT1-019 393.70	00			1	3,222.5	128A_1 278_1 85.20	-1.93	0.58	1999/1/1 14.4	2 1999/1/1 14:0	
268 1 JTI-019 454 27	00			a contraction of the second	a second s	<u>348A,1 3488 1 11.42</u>	-0 26		 A second s	- • • •	5
288 1 JT1-019 514.84	-02					3488 1 348C 1 14.37	-0.47				
A,112,2_29.17 A,112,2_87.52	-02	a state and the second				34BC_1 34C_1 32.75 34BC_1 34C_1 98.25	0.00	A COMPANY AND A COMPANY	1		· · · · · · · · · · · · · · · · · · ·
IA 1 - 12 2 14587	-03					34C 1 - 127C 1 26 37	0.00		1		
A 1 12 2 204 22	-03	5 2.7	1999/1/1 12:00	1999/1/1 14:3		34C 1 127C 1 79.12	0.00				
IA_1 12,2 262.56	-0.3	2.7	1999/1/1 12:00	the second second second second second		340,1 1270,1 131.87	-0.01	091	1999/1/1 13:3	5 1999/1/1 15-2	
A1 12 2 320 91	-0.4			· · · · · · · · · · · · · · · · · · ·		270B.1 27EA.1 32.75	-0.25		· · · · · · · · · · · · · · · · · · ·		
A <u>1 12,2 379.26</u> A <u>1 12,2 437.61</u>	-0.4				A set a set of the set	2708,1 - 27EA 1 9825	-0.28		· · · · · · · · · · · · · · · · · · ·	*··· · · · · · · · · · · · · · · ·	
	-0.4			the second second second second second	the second set indices	2708,1 27EA,1 153,75 27EA,1 27 <u>EB,1 29,76</u>	-0.31				

Eine No. (Distance in m.) 27EA,1 -- 27EB,1 89 28 27EA,1 -- 27EB,1 48.79 123A,1 -- 123B,1 1968 123B,1 -- 270B,1 34 21 123B,1 -- 270B,1 102 65 123B,1 -- 270B,1 171.04

.

Minimum (m ³ /s)	Maximum (m ^a /s)	Minimum Time	Maximum Time	Accumulated Volume (m3)
-040	4 7 3	1999/1/1 11.51	1959/1/4 14.45	19 026 8
-0 44	4 73	1939/1/1 11 51	1999/1/1 14.45	18 821 8
0 00	0.00	1939/1/1 14.40	1999/1/4 18:00	7.8
0,00	0.00	1999 (1/1 14 35]	1999/1/1 14.46	10 2
-0 01	0,02	1999/3/1 14.43	1999/1/1 14.47	104
-0.05	0.07	1999/1/1 14 34	1999/1/1 14.47	106

Hydrauli Neir/Gai Runoff I	etwork data ic data ic/Pump RTC	:	FS_1. SWF	= Simula	ation time					
Neir/Gat Runoff		:			ACTOR CIMO	HH:W	M:SS :			•
Runoff	te/Pump RTC			Maximu	um time ste	р (sec) :			10
		•		Minim	um time ste	р (sec) :			1
	lydrographs	:	FS_1. RRF	F						
Boundary	<pre>/ conditions</pre>	: DE	SIGN. BSF	F						
Hotstari	t file	:								
Result	file	:	FS_1. PRF	F Save :	timə step	HH:M	M:SS :	0:	20	:00
			S	imulation	start date	: 1	999-01-	01 11:	:00	:00
			Si	imulation	end date	: 1	999-01-	01 16	:00	:00
1 : ST	ART VOLUME I	n Pipes	, Manho	tes and S	tructures	:	9	29409.	. 5	M3
2 : El	ND VOLUME I	n Pipes	, Manho	les and S	tructures	:	21	08966.	9	M3
3 : To	tal INFLOW V	olume	(runof	f, bounda	ry, DWF)	:	11	97828.	8	M3
4 : To	tal DIVERTED	VOLUME	: (weirs,	, pumps a	nd outlets)	:				M3
	ter Generate	d in Ea	ipty Pari	ts of the	System	:		15447.	.7	M3
	NTINUITY BAL			-	5)	:		-9110.	6	₩3
	ntinuity bal				0. 0					
Co	ntinuity bal	ance M	N value	:	-8260. 1	M3				
Calouta	tion started				*	• • -				
	tion ended				Timo	UU • 16	ш.cc -	0	• • • *	• 1 7

Time Step parameters loaded from the DHIAPP.INI file:

Relative change criteria for inflow time series :	0.0500
Low flow limit for inflow time series:	0.0100
Max. relative water level change:	0.300
Max. Variation in Cross Section parameters:	0.030
Cross check low depth limit (relative):	0.040
Cross check level:	1.000
Max. Variation in Pump Flow	0.100
Max. Courant Number:	20.000

MOUSE Pipe Flow Simulation Dynamic Wave	STATUS REPORT
File Overview	Simulation Parameters
Sewer network data : FS_2.S	WF Simulation time HH:MM:SS :
Hydraulic data : Weir/Gate/Pump RTC :	Maximum time step (sec) : 5 Minimum time step (sec) : 1
Runoff Hydrographs : FS_2.R Boundary conditions : DESIGN.8	RF SF
	RF Save time step KH:MM:SS : 0:20:00 Simulation start date : 1999-01-01 11:00:00 Simulation end date : 1999-01-01 17:00:00
 START VOLUME in Pipes, Manh END VOLUME in Pipes, Manh Total INFLOW VOLUME (runo Total DIVERTED VOLUME (weir Water Generated in Empty Pa 	oles and Structures : 75421.3 M3 ff, boundary, DWF) : 64339.4 M3 s, pumps and outlets) : 0.0 M3
6 : CONTINUITY BALANCE = (2-) Continuity balance MAX valu Continuity balance MIN valu) – (3–4+5) : 494.7 M3 le : 2125.3 M3 le : –104.5 M3
Calculation started : 1999-09-16	
	Flow volume (DWF) : 2142.1 M3
·	the DHIAPP.INI file: low time series : 0.0500

Low flow limit for inflow time series Max. relative water level change Max. Variation in Cross Section parame Cross check low depth limit (relative) Cross check level Max. Variation in Pump Flow Max. Courant Number

ime series :	0. 0500	
	0.0100	
	0.300	
eters:	0.030	
)	0.040	
	1.000	
	0.100	
	20.000	

ile Overview					Simul	ation	Paramet	ers
Sewer network dat	a :	FS_3. SWF	Simulatio	n time l	HH: MM:	S S :		
lydraulic data	÷		Maximum t	ime step	p (se	e c) :		10
Yeir/Gate/Pump RT	C :		Minimum t	ime ste	p (se	ec) :		1
Runoff Hydrograph	s :	FS_3. RRF						
Boundary conditio	ns :	DESIGN. BSF						
Hotstart file	:							
Result file	:	FS_3. PRF	Save time	step	HH:MM:	:SS :	0:10):0(
		Sim	ulation sta	rt date	: 199	99-01-	01 11:00):0(
		Sim	ulation end	l date	: 19	99-01-	-01 17:00):0(
1 : START VOLUME	in P	ipes, Kanhole	s and Struc	tures	:		17127.9	M:
2 : END VOLUME	in P	ipes, Manhole	s and Struc	tures	;		26231.2	M
3 : Total INFLOW	VOLU	ME (runoff,	boundary,	DWF)	:		1418.4	M
4 💠 Total DIVERT	ED VO	LUME (weirs,	pumps and o	outlets)	:		2810.0	M
5 💠 Water Genera	ted i	n Empty Parts	of the Sys	stem	:		11239. 2	M
6 : CONTINUITY B	ALANC	E = (2-1) -	(3-4+5)		:		-744. 2	計
Continuity b	alanc	e MAX value :		0. 0	M 3			
		e MIN value :		-748 2	M3			

Time Step parameters loaded from the DHIAPP.INI file:

Relative change criteria for inflow time series :	0.0500
Low flow limit for inflow time series	0.0100
Max. relative water level change	0. 300
Max. Variation in Cross Section parameters:	0. 030
Cross check low depth limit (relative):	0.040
Cross check level	1.000
Max. Variation in Pump Flow	0.100
Max. Courant Number	

Dynamic Wave	ulation			ATUS REPO	
File Overview		S	imulation		
Sewer network data Hydraulic data Weir/Gate/Pump RTG	: FS_4. S\F : :	Simulation time HH	(sec)		10
Runoff Hydrographs Boundary conditions Hotstart file	DESTGN. BSF				
Result file	Simu	Save time step HH Jation start date : Jation end date :	1999-01-	01 11:00	:00
2 : END VOLUME i 3 : Total INFLOW V 4 : Total DIVERTED 5 : Water Generate 6 : CONTINUITY BAL Continuity bal	n Pipes, Manholes OLUME (runoff, VOLUME (weirs, p d in Empty Parts ANCE = (2-1) - ance MAX value :	(3-4+5)	: I : 1 : : I3	69264. 2	M3 M3 M3 M3
Calculation started Calculation ended	: 1999-09-15 15:	:31:50 Time HH			
Calculation ended	: 1999-09-15 15:				

1.0000

File Overview	Simulation Parameters
Sewer network data : UDC2_R1.SWF	Simulation time HH:MM:SS :
Hydraulic data 💠	Maximum time step (sec) : 60
Weir/Gate/Pump RTC :	Minimum time step (sec) : 10
Runoff Hydrographs : UDC2_R1.RRF	
Boundary conditions : DESIGN.BSF	
Hotstart file :	
	Save time step HH:WM:SS : 0:10:00
	lation start date : 1999-01-01 11:00:00
Simu	llation end date : 1999-01-01 17:00:00
1 : START VOLUME in Pipes, Manholes	and Structures : 5662330.7 M3
2 : END VOLUME in Pipes, Manholes	and Structures : 12428065.2 M3
3 : Total INFLOW VOLUME (runoff,	boundary, DWF) : 8456203.9 M3
· · · · · · · · · · · · · · · · · · ·	oumps and outlets) : 1690401.4 M3
5 : Water Generated in Empty Parts	•
6 : CONTINUITY BALANCE = (2-1) -	
Continuity balance MAX value :	
Continuity balance MIN value :	-268.6 M3
Calculation started : 1999-04-26 17:	58:37
	00:47 Time HH:MM:SS : 0:02:10

Time Step parameters loaded from the DHIAPP. INI file:

Relative change criteria for inflow time series :	0.0500
Low flow limit for inflow time series:	0. 0100
Max. relative water level change	0.300
Max. Variation in Cross Section parameters:	0.030
Cross check low depth limit (relative)	0.040
Cross check level:	1.000
Max. Variation in Pump Flow	0.100
Max. Courant Number:	

NOUSE Pipe Flow Sim Dynamic Wave	wlation
file Overview	
Sewer network data	FS_6. SWF S
lydraulic data	: 1
Weir/Gate/Pump RTC	: 1
Runoff Hydrographs	
Boundary conditions	; : DESTGN. BSF
Hotstart file	:
Result file	: FS_6.PRF S
	Simula
	Simula
3 : Total INFLOW V 4 : Total DIVERTED 5 : Water Generate 6 : CONTINUITY BAL Continuity bal	in Pipes, Manholes a /OLUME (runoff, bo) VOLUME (weirs, pun ed in Empty Parts of .ANCE = (2-1) - (lance MAX value : lance MIN value :
Calculation started Calculation ended	3 : 1999-09-18 13:11 : 1999-09-18 13:11
3a : Total generate	ed Dry Weather Flow
	rs loaded from the (

Relative change criteria for inflow tim Low flow limit for inflow time series . Max. relative water level change Max. Variation in Cross Section paramet Cross check low depth limit (relative) Cross check level Max. Variation in Pump Flow Max. Courant Number

STATUS REPORT

	Simulati	ion Paramete	ers
imulation time laximum time st linimum time st	ep (sec)	•	60 10

Save tim	e step	HH:MM	:SS :	0:10	:00
ntion st	art date	ə : 19	99-01-01	11:00	:00
ntion en	d date	: 19	99-01-01	17:00	:00
and Stru	ctures	:	***	1.1	
and Stru	ctures	:	4	945. 9	M3
oundary,	DWF)	:	18	573.2	M3
ps and	outlets)	:	13	583. 1	M3
f the Sy	stem	:		1.0	M3
3-4+5)		:		-46. 2	MЗ
	3.9	M3			
	-46. 2	M3			
i:47					
:49	Time	HH: MM	:\$\$:	0:00	:02
volume	(OWF)	:	270. 8	M3	

DHIAPP.INI file:

ime series :	0. 0500	
:	0.0100	
	0.300	
eters:	0.030	
)	0.040	
	1.000	
	0.100	
	20, 000	

I-4COMPUTATION TABLE FOR DESIGN OF STORM SEWER IN BINH DANG, PHAM THE HIEN AND RACH ONG AREAS

pare 2	Vintee	00001							r																				
		Cover	(m) 1 20 1	1.65		1.20	0.74 0.79		2 12	1.20	1.48	1.05 1.42	1.24		1.20		0 9 1 1	1.12		1.20									
lime	Height		(B)			1.80	1.80		1.80	1 80	1.80	1.80	1.80	 	1.80		1.80 1.80	1.80	~~ 	1.80									
Flowing Time 7.00 min		·	1 (E) 1 (E)	-1.199		-0.550 -0.962	-1.487 -1.543		-0.750 -1.076	-0.450	-0.720	-1.096 -1.465	-1.485 -1.696		-0.750		-0.450 -0.849	-1.167 -1.685		-1.250									
L	۲ ۲	Flow	(9/E)	1.672		1.115	7.805		1.672		0.897	3.634	4.813	•	1.672		0.897	3.982		3.982									
	Pipes	Velocity	(tru/s)	1.260		1.173	1.590		1.260		1.142	1.428	1.532		1.260		1.142	1.565		1.565									
(68-		Stope	(876)	1.2		1.3	0.8		1.2		1.4	1.0	1.0		1.2		1.4	1.2		1.2									
Rain-fall Intensity : I == 13, 567/(t+89) & 55ever: m ¹ /s/ha		Size	(mm)	φ 1300		¢ 1100	¢ 2500		φ 1300		φ 1000	¢ 1800			¢ 1300		¢ 1000	¢ 1800		φ 1800									
ain-fall Inter A sSewer:		Total	(m'/s)	1.477		1.095	5.646	-	1.497		0.773	3.300	4.023		1.394		0.796	3.030		3.603									
æ	Discharge	Sewer	(m//s)																										
NO		Rain		1.477		1.095	5.646		1.497		0.773	3.300	4.023		1.394		0.796	3.030		3.603		_							
DISCHARGE CULCULATION	par lha	Sewer	(m/s/m) (m/s/m)																										
RGE CUI		Rain	(eu/s/m)	0.2318	ł —	0.2354		<u> </u>	0.2427		0.2486	+- <u> </u>	 	4	0.2362		0.2382			0.2279									
SCHA	Patio	Time of	U	0.70		0.70			0.70		0.70	0.70	· · ·		0.70		0.70	0.70		0.70			 	 					
DI	Tota	Time Time	ાગ	15.2		143	. 	4	12.5		11.11	<u> </u>		I	14.1	:	13.6	23.1	F	16.2				_	ļ				
	4044	i me		3 9.9		00	· • · · · ·	<u> </u>	12		5.8	ł	- I	1	8.8		8.3	1 9.2		9 10.9				 					
			ļ,	0.3		000	_		000		0.3	ļ		J	0.3		0.3		-	0.0			 	┣	-		•		
	Pipe	u u u	E	374.0	Į	317.0	70.00 709.00		272.00 272.00	001	199.00	369.0 641.0	211.00		331.00 331.00		285.00 285.00	432.00 763.00		510.00 510.00	- E.								
2	Ditch	·1	Ê	20.00		20.00	·	Į	20.00		20.00	<u> </u>	!		20.00		20.00		1	20.00	{							:	
] 33 00 hu	Drainage Area	Total	(FI)	6.37		4.65	24.73		6.17		3.11	15.42	20.35		5.90		3.34	14.89		15.81			:						
Namo Ama			(FL)	6.37		4.65			6.17	Ī	3.11	6.14	4 93		5.90		3.34	5.65		15.81						-			
Drainage Name R(Rain) Total Arra	Line Joint	No. No.		RC4 RC6		RCS	RC6		RD1 RD3		RD2	ED3	PUa		REI RE3		RE2	RE3		RFI									

Ratio	CERC	CULCULATION	1	Rain-fall Int A Sewer Discharge	Rain-fall Intensity: 1= 13,567/(*^1.18+89)	(m1.18+89) u	Pipes		7.00 min Heigh	un Height
	of Rain	Seg			Size		~	Flow		
	(Eff/3//m)	(e4/s/,m) ((m//s) (п 1 1 К 1	(m/s) (m/s) 1 161	(mm) ↓ 1200	(av.)	(m/s) ((m'/s) 1 2<0	-0.650	(m) (m) 1.80 1.20 1.80 1.33
					`	 				
0.70	0.2507		0.273	0.273	t \$ 700	C.I.	0.992	0.382	-0.150	
0.70	0.2256		2.008	2.008	t 🔶 1500	1.2	1.386	2.449	-1.295	1.80 1.25 1.80 1.55
0.70	0.2140		1.622	1.622	¢ 1300	1.2	1.260	1.672	-0.750	1.80 1.20
	0.2283		0.849	0.849	¢ 1000	1.4	1.142	0.897	-0.874	
0	0.2208		4.460	4.460	\$ 2000	1.0	1.532	4.813		1.80 1.20
						· · · · · · · · · · · ·				-+
0	0.2219		2.370	2.370	¢ 1500	1.2	1.386	2.449	-0.950	1.80 1.20 1.80 1.73
									·	
	0.2230		1.976	1.976	φ 1500	1.2	1.386	2.449		1.80 1.20 1.80 1.71
0	0.2006	·	4.658	4.658	t φ 2000	1.0	1.532	4.813	-1.783	1.80 1.25
						· · ·				
	0.2212		1.343	1.343	¢ 1200	1:2	1, 194	1.350		
	0.2140		6.268	6.268	¢ 2500	0.8	1.590	7.805	-1.803	1.80 1.05 1.80 1.12
	0.2223		1.787	1.787	¢ 1500		1.386	2.449	-0.950	1.80 1.20
0.70	0.2253		1.223	1.223	φ 1200	13	1.194	1.350	-0.650 1 -1.064	1.80 1.20
					-		ł	Į.		

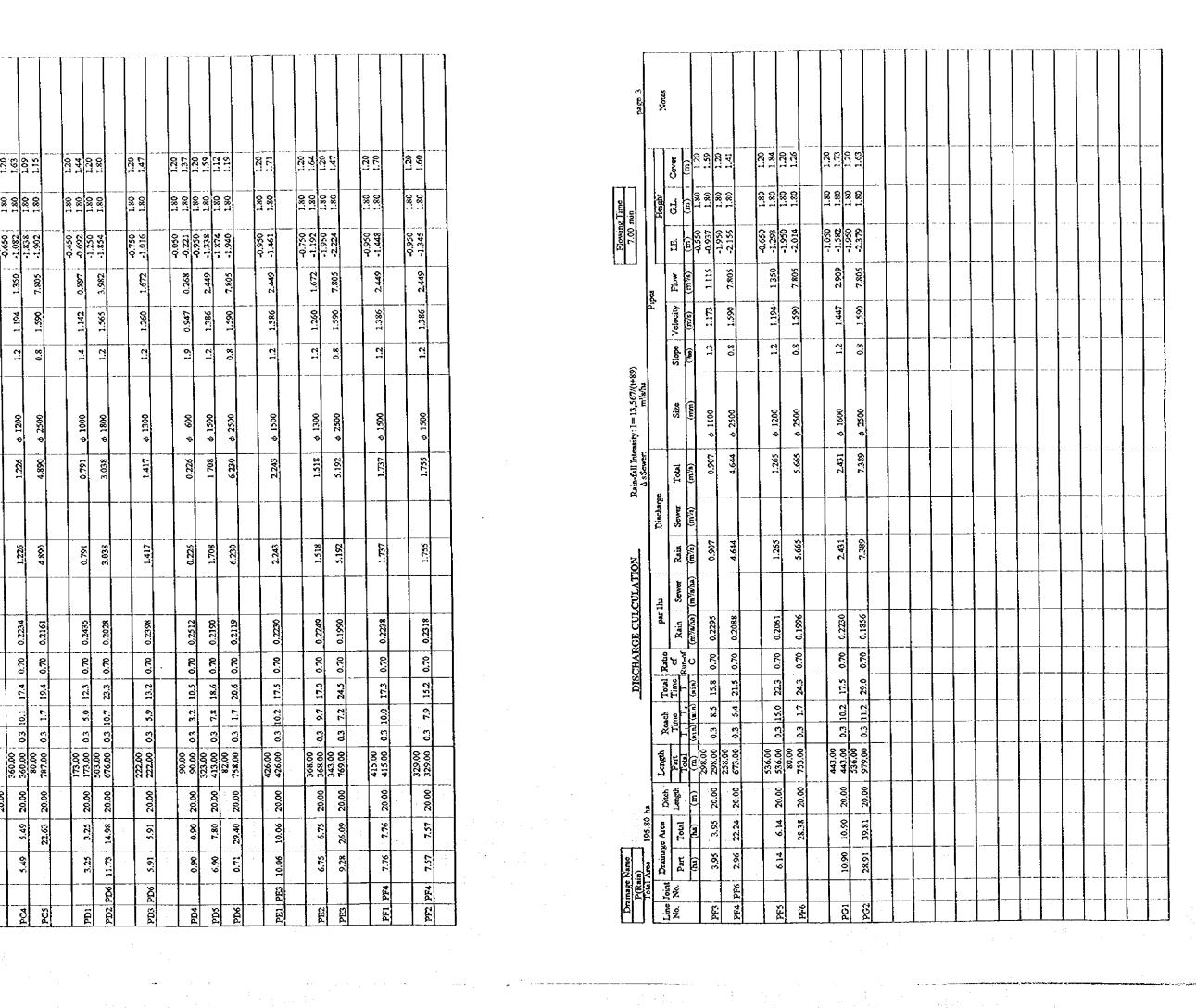
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S.

د. این دارد مرسط و معرود و مارود دارد د

Discriptive: CULCULATION Rainedial Intensity: 1= 13,557/(re-18) Floorenty Train Discriptive: CULCULATION Rainedial Intensity: 1= 13,557/(re-18) Floorenty Train Discriptive: CULCULATION Rainedial Intensity: 1= 13,557/(re-18) Floorenty Train Actionery Target Discriptive Floorenty Target Floorenty Target Floorenty Target Actionery Target Rain Sector Total Total Total Discription Floorenty Target Floorenty Target Floorenty Target Total Discription Floorenty Target Floorenty Target Total Sector Total Sector Total Total Sector Total Sector Total Sector Total Total Total Sector Total		-0.750 -1.192	-2.224 1.80	-0.950 1.80 -1.448 1.80	-0.950 1.80 -1.345 1.80	
DISCRIARCE CULATION Kaineful Intensity: J=13.567/(t*89) Reach Total Since Strope Velocis Reach Total Since Strope Velocis Time of Since Strope Velocis Nivolation Since Strope Velocis Open Idea Since Strope Velocis Velocis Velocis<		1.672	7.805	2.449	2.449	
DISCHARGE CULCULATION Reach Total Rain Discharg Time of Par Iha Discharg Time of Rain Sever Rain Sever Time of Rain Sever Rain Sever Time of Rain Sever Rain Sever 0.3<10.1			0.8 1.590	1.2 1.386	1.2 1.386	
DISCHARGE CULCULATION Reach Total Rain Par Iba Discharg Time frime of Par Iba Discharg Time frime of Rain Sever Discharg Time frime of Rain Sever Rain Sever 0.3 10.1 17.4 0.70 0.2234 1.226 (m/s) 0.3 1.7 19.4 0.70 0.2334 1.226 (m/s) 0.3 5.0 12.3 0.70 0.2334 1.226 (m/s) 0.3 5.0 12.3 0.70 0.2338 3.038 0.3 5.0 12.3 0.70 0.2398 1.226 0.3 5.9 13.2 0.70 0.2398 3.038 0.3 5.9 13.2 0.70 0.2398 1.417 0.3 5.9 13.2 0.70 0.2398 1.417 0.3 7.8 18.6 0	¢ 1300	¢ 1300	¢ 2500	¢ 1500	¢ 1500	
DISCHARGE CULCULATION DISCHARGE CULCULATION Reach Total Natio OPT IA Time of	1.518	1.518	5.192	1.737	1.755	
DISCHARGE CULCU Reach Total Time of Tim	1.518	1.518	5,192	1.737	1.755	
Reach Time Time Time 0.3 10.1 0.3 10.1 0.3 0.3 1.07 0.3 1.07 0.3 3.2 0.3 3.2 0.3 1.07 0.3 3.2 0.3 3.2 0.3 3.2 0.3 1.7 0.3 1.7 0.3 1.07 0.3 1.7 0.3 1.07 0.3 1.07 0.3 1.07 0.3 1.7 0.3 1.07 0.3 1.7	0.2249	0.2249	0.1990	0.2238	0.2318	
angth Reach Time 55.00 0.3 10.1 Time 55.00 0.3 10.1 Time 56.00 0.3 10.1 Time 55.00 0.3	17.0 0.70		+	17.3 0.70	I	
	00 00 0.3 9.7 00	63	6.0	00 0.3 10.0	0.3	
ha Distribution Distribution 20.00 3 20.00 20.00 3 20.00 3 3 20.00 3 3	20.00 368.00 368.00 343.00		╂──╂	20.00 415.00 20.00 415.00		∔
Dramage Namo Dramage Namo F(Ram) 195.801 Total Area 195.801 foil Area 325 foil Area 7.49 foil Area 3.25 D2 PD6 11.73 D3 PD6 5.91 5.91 D4 0.90 0.90 0.90 D5 PD6 5.91 5.91 D6 0.71 29.40 D6 0.71 29.40 D6 0.71 29.40 D6 10.06 10.06 10.06	6.75 6.75			7.76 7.76		

					. <u>.</u> .							¥		,
	page 3	Notes												
	-		Cover		1.59	1.20		1.20	1.84	1.20		1.73	1.20	
Time		Height		- 8	1.80	1 80		1.80	1.80	1.80		1.80	1.80	
Flowing Time	7.00 mun		Ë	(E)	-0.550	-1.950		-0.650	-1.293	-1.950		-1.050	-1.950	·
			Flow	(w,w)	1.115	7 805		1-	1.350	7.805		2.909	7.805	
	30	54	Velocity	(m/s)	:173	\$ <u></u>	~~~~		1.194	1.590		1.447	1.590	
	\$6)		Slope	(09k)	1.3	¢	0	 -	1.2	0.8	 	12	0.8	
	Rain-fall Intensity:]= 13,567/(t+89)		Size	(mm)	¢ 1100		0002 0		¢ 1200	é 2500		¢ 1600	¢ 2500	
	Rain-fall Inten A sSewer:	2	Total	(s/,us)	0.907		4.044		1.265	\$ 665		2.431	7.389	
] 		Discharge	Sewer	(s/,ut)]	
-	LATION		Rain	(a / a)			4,644		1.265	¥99 ¥		2.431	7.389	
		par Iha	Sewer	(m/s/m) (m/s/ha)										
	DISCHARGE CULCU		Rain				0 0.2088		0 0.2061		-	0226.0	·	
	DISCHA	itel Rati	Time of				21.5 0.70		22.3 0.70			0.0	-	
-	1	Reach T	- T				5.4		03 150 5		-	ŝ	11.2	┣
		Length R	Part	$^{+}$	09		673.00 0.3		536.00		5'0 00'EC/	443.00		I
~		Ditch L			+		20.00		- 00 00 - 00 00		00.02		20.00	
	195.80 ha	te Arca	Total		+	-	22.24		2,14	1	28.38	8	30.81	
	P(Rain)	Drainage Area	Part			2	2.96		21.2	*			10.90 28 01	
- Damaee Name	P(Rain) Total Ar	T ine Toint	No. No.		-	FF5	PF4 PF6		DEC.	2	PF6		5 6	*



1 alled	Notes																																
	T	Cover	(E)	1.20		1.20	1.20	1.70	136		1.20		1.74		07	1.04		1.20 1.50	ផ្ទន្ម		1.20	1.20		1 20	•··• -· ·	1.20							
Lime	Height		(w)	03.1 28 02		1.80	1.80	1.80	1.80	 .	1.80		1.80		1.80	1.80		1.80	1.80		1.80	1.80		1.80		1.80							Time
Flowing Time 7.00 min		TE:	(B)	-1.250		0.450	1.250	-1.754	-2.036		-0.950		-0.950		-0.250	-1.763		-0.650	-0.965 -1.269		-0.650 -0.937	-1.950		-0.950 -1.498		-0.650							Flowing Time
	L_1	Flow	(m%)	3.982		0 807		3.982	7.805		2.449		2.449		0.512	7.805		1.350	2.449		1.350	7.805		2.449		1.350							L_1 _
		Velocity	(m/s)	1.565		:	1.146	1.565	1.590		1.386		1.386		1.019	1.590		1.194	1.386		1.194	1.590		1.386		1.194							
1.18+89)		Slope	(9%)	1.2		2	4	1.2	0.8		12		12		1.5	0.8		1.2	1.2		1.2	0.8		1.2		1.2							÷
Rain-fall Intensity: 1= 13,567/(t^1.18+89) & Sewee::		Sizo	(um)	A 1800		000.	φ 1000	φ 1800_	¢ 2500		¢ 1500		¢ 1500		φ 800	¢ 2500		¢ 1200			¢ 1200	é 2500		¢ 1500		¢ 1200							
un-fall Inter A Sewer:		Total	(m/k)	3 480			0.720	2.977	6.624		2.380		1.856	-	0.415	5.157		1.335	1.966		1.240	4.903		1.783		1.123							
2	Discharge	Sewer	(m)/s)																														:
Z		Rain	(m)(s)	037 5			0.720	2.977	6.624		2.380		1.856		0.415	5.157		1.335	1.966		1.240	4,003		1.783		1.123							
CULATION	par lha	Sewer	(m/w/ha)																							€ ~4							
DISCHARGE CULCI		Rain	- 1-				0.2516	0.2154	0.2074		0.2031		0.2204		0.2398	0.2358		0.2358	0.2119		0.2366	0 2006		0.2201		0.2350							
DISCHAF	tal Ratio	Time of			· [10.4 0.70	16 0.70	f	ł	23.2 0.70		.2 0.70		13.2 0.70	14.2 0.70	+	14.2 0.70		+	14.0 0.70	·····		18.3 0.70		14.4 0.70							
		Time Ti	T T T T T			-+	3.1 10	8.9 19.6	20		15.9		10.9 18.2		5.9 13	0.7 14	<u>{</u>	\$	5		6.7	0 2		0.11		17							
		f	-	+			00 0.3	00 00 00 00			00 0.3		0.3		00 03 03		1	0000	1	<u> </u>	0300		1	00 03 03		00 0.3			÷				
	Length	1.1		638.00		107.00			95.00 733.00	+-	661.00 661.00		453.00		181.00		-		253.00		239.00	+	+	457.00		255.00							
208.00 ha	a Ditch	Τ-		Į		<u> </u>	6 20.00	2 20.00		-	2 20.00	 -	2 20.00		3 20.00	┠	-	20.00			4 20.00		1	0 20.00	<u>.</u>	8 20.00	:		н н. На н	• .			
· (****)	Drainage Area	r Total				4	86 2.86	6 13.82			2 11.7	— –	12 8.42	 _	5 I.73	<u>^</u>		88 8 9		 	4 5 2 4	ſ	_	10 8.10		8 4.78	•	•	•	•	• •	•	
Drainage Name BDA(Rain) Total Area	Dai	Part .			1		2.86	10.96	1.57		84 11.72	<u> </u>	84 8.42		1.73			\$			428			C7 8.10		4.78							Drainage Name
Drain: To To	Line Joi	No. No.					BAJ	BA3	BA4		BB1 BB4		BB2 BB4		BB3	BR4		1.0 ^H	BC4	_	E E			BCS BC7		BC6							Draina

[[[· · · · · · · · ·						[
page 2	Motor																									
		Cover	(B)	1.33		1.87		1.79	61.1 1.24		1.20 2.03		1.20 1.81	1.35		1.20		1.20	1.71		1.20	1.20	1.63	2		
Time	Height	• •	(m)	1.80	•	1.80		1.80	1.80		1.80		1.80	1.80		1.80		1.80 ;	1.80		1.80	1.80	1.80			
Flowing Time 7.00 min		শ্র	(m)	-2.584		-1.917		-0.950	-1.937		-1.250 -2.076		-0.950 -1.558	2.096	•	-1.950 -2.431		-0.950	-2.451 -2.463		-0.750	-1.950	-2.375	A10.7-		
	Pipes		(1111/5)	12.695		3.982		2.449	7.805		3.982		2.449	7.805		7.805		2.449	7.805		1.672	7.805	7 o V 1	700-7		
	d.	2	(E/E)	1.796		1.565		1.386	1.590		1.565		1.386	1.590		1.590		1.386	1.590		1.260	1.590	 			
-89)		Slope	(9%) (9%)	0.8		1.2		1.2	0.8		1.2		1.2	S C		0.8		1.2	0.8		1.2	0.8	~ ~	\$	_	
Rain-fall Intensity: 1== 13,567/(t+89) A s/Sewer:		Size	(ww)	¢ 3000		¢ 1800		φ 1500	¢ 2500		¢ 1800		¢ 1500	φ 2500		¢ 2500		¢ 1500	¢ 2500		¢ 1300	6 2500	. 2666	00C7 &		
Rain-fall Inten A sSewer:		Total	(m%)	9.780		3.173		1.944	4.974		3.763		1.857	0195		5.025		2.002	6.902		1.526	4.647	į	1 4C/ °C		
	Discharge	Sower	(m'/a)			-																				
LATION		Rain	(v/,ui)	9.780		3.173		1.944	4.974		3.763		1.857	\$ 610		5.025		2.002	6.902		1.526	4 647		P5/.C		
	par Iha	Scwer	(m/s/ha)								 															
DISCHARGE CULCU		2	(m/v/ha)	0.2516		0.2172	1	0.2175	0.2112		0.2071		0.2157	 	+	0.2143	4	0.2119		ļ	0.2362	-		0.1787		
SCHA	Ratio		0 U	0.70		0.70		0.70	0.70	 	0.70		0.70	⊢	-	0.70	4	0.70		+ • • •	0.70	·	· • • • •	9. 0		
IQ	Trutal	Time	<u>(مثم) (مثم) (مثم)</u>	10.4		19.1		19.0	20.8		20		2.61	5		0.01		20.6	21.2		4	۲. م		515		
	Reach	Lime) (min)	3.1		11.8		1.1	1.5		14.7		12.2	1		2	<u> </u>	13,3	03		89			0		
				0.3		0.3		0.3	0.3		0.3		0.3	_	<u> </u>	ő	+	0.3		÷	0			5°.0	_	
	Length	1 1	(u)	1129.00		556.00			I		688.00 688.00	ļ	507.00 507.00	<u> </u>		601.00 601.00		551.00 551.00	Ļ	I	257.00	1		00.7201		
et O			(m)	7 20.00		1 20.00		4 20.00	I	Į	7 20.00	ł	20.00	·		20.00	1	5 20.00			20.00	ŝ		00.07 		
208.00 ha	Drainage Area	Total	(Fa)	38.87		14.61		×.94	23.55		18.17		19.8	ļ. '		2 2 2 2 2	Ì ↓	9.45	3		97 Y	1		V2.09		
s Name Rain) Area		1	(ha)	1.55		14 61		8.94	 		18.17	· · · · · · · · · · · · · · · · · · ·	×61			24 K		9.45			y y y	202		\$ <u>5</u> 8		
Drainage Name BDA(Rain) Total Arra	Toint	No. No.		BC7		BD1 BD3		RD2	BD3		BEI BE3		RE2		30			BEN	E E		iod	50		BG31		

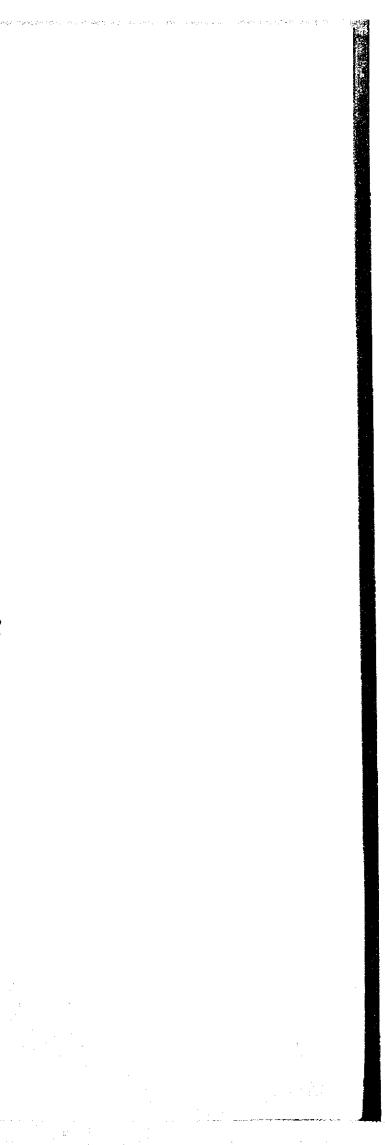
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المراجا البليج فالمحج ويتبع فيهوهم مهاده والالمار التاري بال

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I – 5 COMPUTATION TABLE FOR DESIGN OF INTERCEPTOR AND CONVEYANCE SEWERS AND SANITARY SEWER IN BINH DANG, PHAM THE HIEN AND RACH ONG AREAS



Zone Namo Interceptor Total Area	Vamo Prtor Arca	1,686.9 ha	ŗ	SIG	CHA	RGE CUL	DISCHARCE CULCULATION	_1		Δ Sewer:	0.0026 m%/ha		ľ					page 1
T int	Drainage Area	o Aroa	Length	Reach	ite a		par lha		Discharge	 			4	kıpcs		Depth		Notes
No. No.	Part	Total		Time of	8	Rain	Sewer	Rain	Sower	Total	Size	Slope	Velocity		ਜ਼	GL	Cover	
	(च	(84)	(m)	÷٠		٣	(m//v/ha)	(m)(s)	(m//s)	(m'/e)	(um)	(994) (944)	(u/u)	(3/tm)	(m)	(m)	(m)	
Ļ		1	870.0 670.0	2			0.0026		0.344	0.344	¢ 700	1.7	0.992	0.382	-3.872	2.28	4.88 6.88	111.0%
1	4.761		1,130.0		<u> </u>		A000 0		0 711	0.711	1 7	1.4	1.142		-5.351 -6.933	2.12	6.58 8.00	126.2%
2 6	41.4		840.0				0.0026		0.958	0.958		1.3	1.173		-6.933 -8.025	27.2	7.90 8.80	116.4%
2	<u>}</u>		1,070.0							-5C -	UVCA T	1 2	276 1		-8.025	1.92	8.70 10.02	111.0%
E	118.8	487.3	3,910.0	57.3			0.0026		1.40/	1007-1	6 1200	<u>.</u>	C	. 	-9.416	81	2.5	200 200
ES	277.0	764.3	4,980.0	70.2			0.0026		1.987	1.987	¢ 1500	1.2	1.386	2.449	-10.700	2 2	80	0/ 0.071
E6 C1	59.6	823.9	500.0	76.2			0.0026		2.142	2.142	φ 1500	1.2	1.386	2.449	-11.300	1.64	11.39	114.3%
Sub Total	le	823.9	5,480.0															
			,															-
5	1110	011	1.950.0	32.8	ļ		0.0026		0.289	0.289	¢ 700	1.7	0.992	0.382	-3.265	2.80 2.80	1.20	132.2%
5	787		400.0		 		0.0026		0.727	0.727	ф 1000	1.4	1.142	0.897	-3.265	5 8 5 7 7	4.78	123.4%
	2.000		550.0	¥	_		0.0026		1 285	1.285	¢ 1200	1.2	1.194	1.350	-3.825	88	4.58 5.24	105.1%
			1,340.0	5	<u> </u>		YCUN U		5	5	A 1500	12	1.386	2.449	4, 485 6,093	88	4.94 6.54	124.1%
	5 PUL 3	0 298		4			0.0026		2244	2.244	¢ 1500	12	1.386		-6.093 -6.993	2.00	6.54 7.44	109.1%
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C/I 1,6865 2000 3.33 0.0026 4.386 4.386 6.200 1.3 1.48 4.73 2.8706 CI0 1,6865 9,0000 360 1.2 1,943 9.552 5.100 1.48 4.73 4.14 4.14 4.14		1				-1			[` `	1	•	[F	I	- 1]	[]	
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2400	Notes			378.6%		331.3%		311.8%	123.3%		294.4%	121.8%		294.4%		115.2%		530.0%	143.9%		378.6%	177.9%		407.7%	
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e e	Height		(E)	1.80		1.80		1.80	1.80 1.86		1.80	1.80		1.80		1.80		1.80	1.80		1.80 1.80	1.80 1.80		1.80	
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	L	Flow	(m ¹ /s) +	0.053	* . ** .	0.053		0.053			0.053	560.0		0.053		0.053		0.053	0.095		0.053	0.169		0.053	
Pines	adru		(IIV)	0.749		0.749		0.749	0.749		0.749	0.759		0.749		0.749		0.749	0.759		0.749	0.860		0.749	
			(a46)	3.0		3.0		3.0	3.0		3.0	21		3.0		3.0		3.0	2.1		3.0	2.0		3.0	
Rain-fall Intensity: 1 = 4, 610/(t+23) A Server: 0.0029 m/e/ha		Size	(mm)	¢ 300		300	ł	6 300		1	¢ 300		1	¢ 300		¢ 300		¢ 300			¢ 300			¢ 300	
ain-fall Intens <u> </u>		Total	(m)/s)	0.014		0.016		0.017	0.043		0.018	0.078		0.018		0.046		0.010	0.066		0.014	0.095		0.013	
	Discharge	Sewer	(w//s)	0.014		0.016		0.017	0.043		0.018	0.078		0.018		0.046		0.010	0.066		0.014	0.095		0.013	
	:		(m ^{//} s)			-										 .									
DISCHARGE CULCULATION	tha	Sewer	(m/s/ha)	0.0029		0.0029		0,000	0.0029		0.0029	0.0070		0.0029		0.0029		0.0029	0.0029		0,000 0	0.0029		0.0029	
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<u>r</u>	Length	Part Total	(E)	211.00 211.00		432.00		331.00	199.00		272.00	369.00		374.00 374.00		510.00		285.00	237.00		308.00	331.00 700.00		317.00	
133.00 ha	ie Area	Total	(eu)	4,93		\$65		S v	14.66		6.17	10 %	10.00	72 Y		15.81		274	22.87		8	32.86		4.65	
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Dainage Name R(Sewer) Total Area	Line Joint	No. No.	4 v	1 R1	 	4	┼—		×			á			+	0	<u>+</u>	0	10	.	=	13 81		13 R1	

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	over	(E)			~]		1.20			
eight		(m)	1.80		1.80		1.80	1.80		1.80		1.80	1.80		1.80		1.80	1.80		1.80		÷	 •
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Prpcs		Η]												·	
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	Cotal	m/s)	0.015		0.020		0.005	0.054		0.014		0.021	0.105		0.029		0.015	0.158		0.008			
hargo		$\left - \right $.015		020		2005	.054		.014		120	105		.029		1015	.158		8001			
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r lha	Sewer	en/s//m)	0.002		0.002		0.002	0.002		0.002		0.002	0.002		0.002		0.002	0.002	 	0.002			
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Length	Part	(u)	291.00 291.00		275.00		116.00	314.00 430.00		296.00 296.00		262.00 262.00	316.00		335.0(335.0(309.00 309.00	250.00 559.00		166.00 166.00			
e Area	Total	(PA)	5.09		6.93		1.59	18.77	:	4,95		7.25	36.18		10.03		5.16	54.61		2.61			
	Part	(ba)	5.09		£6.9		1.59	5.16		4.95		7.25	5.21		10.03		5.16	3.24	[2.61			
o Joint	ż	J.	14 17		15 17	·	2	17 20		18 20		19	20 23		21 23		8		!	24 R)	<u> </u>		
	Drainage Area Length Reach Ratio par lha Discharge	uage Area Length Reach Ratio par lha Discharge Length Contract Ratio Discharge Total Fart Time Runder Rain Sewer Total Size Slope Velocity Flow LE.	Drainage Area Length Reach Part Part Time Fight Height Part Total Fart Total Slope Velocity Flow LE G.L. Cover (ha) (ha) (m) (m) (m) (m) (m) (m) (m) (m) (m)	Drainage Area Length Reach Part Time M Part Time Kipcs Flow LE GL Cover Part Total Part Total Part No No <td< td=""><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</td><td>Drainage Area Length par Iha Discharge Part Total Part Time of part Time of fight Gal T Cover Rain Sever Total Fight Gal Fight Gover Run-of Run-of</td><td></td><td></td><td></td><td></td><td>Drindog Area Length Reach Rate Distange Total Total</td><td>Drininge Area Lange Area Lan</td><td>Draining Area Large Area Lar</td><td>Drainage / regit part late Distribution part late Distribution regit reg reg regit</td><td>Drainage /reg Lungi Reach Part is the field Part is the field<td>Dringe Area Larget Total Read/ Total Directory Total Table Total Table Total</td><td>Drininger Area Largethyre Resch Number Area Directoryre Total Total</td><td>Drininger Area Lunger Rande Rande</td><td>Drininger Area Length Ratio Part Ia Tata Construction Consta Construction Constr</td><td></td><td></td></td></td<>	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	Drainage Area Length par Iha Discharge Part Total Part Time of part Time of fight Gal T Cover Rain Sever Total Fight Gal Fight Gover Run-of Run-of					Drindog Area Length Reach Rate Distange Total Total	Drininge Area Lange Area Lan	Draining Area Large Area Lar	Drainage / regit part late Distribution part late Distribution regit reg reg regit	Drainage /reg Lungi Reach Part is the field Part is the field <td>Dringe Area Larget Total Read/ Total Directory Total Table Total Table Total</td> <td>Drininger Area Largethyre Resch Number Area Directoryre Total Total</td> <td>Drininger Area Lunger Rande Rande</td> <td>Drininger Area Length Ratio Part Ia Tata Construction Consta Construction Constr</td> <td></td> <td></td>	Dringe Area Larget Total Read/ Total Directory Total Table Total Table Total	Drininger Area Largethyre Resch Number Area Directoryre Total Total	Drininger Area Lunger Rande Rande	Drininger Area Length Ratio Part Ia Tata Construction Consta Construction Constr		

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Time	Henght	GL.	(E	1.80	<	1.80	<	1.80	1.80		1.80	1.80	!	1.80	1.80	1.80		92 92 		8		1.80	1.80	 Ao-1	1.80	8.5	1.80
Flowing Time 7,00 min		년 111	(E)	0.250		0.250	0,000	0.004	-0.436 -1.405		0.250	-1.425	-	0.250	-0.047	-3.008		0.2.0		-1.259		0.250	-1.279	060.7-	0.250	-1.025	-2.615
	£	Flow	(s/, m)	0.053		0.053		0.053	0.053		0.053	0.053			0.053	0.053		0.053		0.053		0.053				0.053	0.095
	Pipes	Velocity	(m/s)	0.749		0.749		0.749	0.749		0.749	0 740			0.749	0.749	•	0.749		0.749		0.749		0.745	- -	0.749	0.759
		Slope	(ag)	3.0		3.0		3.0	3.0		3.0		2		3.0	3.0		3.0		3.0		3.0		0.0		3.0	2.1
Rain-fall Intensity: J=4,610/(t+23) A Sewer: 0.0013 m/s/ha		Size	(mm)	¢ 300		¢ 300		¢ 300	¢ 300		300	1	000 æ		¢ 300	φ 300		¢ 300		¢ 300	ì	¢ 300	1	¢ 300		¢ 300	¢ 400
ain-fall Intens ∆Sewer:		Total	(m)(s)	0.005		800.0		0.001	0.018		100 0				0.001	0.005		0.010		0.015		0.004		0.033		0.012	0.050
Я	Discharge	Server	(m)/s/	0.005		0.008		0.001	0.018		100 0		(7).N		0.001	0.005		0.010		0.015		0.004	20070	0.033		0.012	0.050
		Rain																									
DISCHARGE CULCULATION	and	Sewer	(m)(c)ha	0.0013		0.0013		0.0013	0.0013		5000	CTAN'A .	0.0013		0.0013	0.0013		0.0013		0.0013		0.00	67M.N	0.0013		0.0013	0.0013
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SCHAR		of	Jo Sec Sec																								
SIQ.		Tune	+		∔	11.9		**		<u> </u>		_	15.1	•	9.2		1	17.7		18.2			2 2	20.5	_	16.5	
:	Tanth Tendth	Part	Total	303.00		222.00 222.00		82.00	323.00		90.00	275.00	275.00	90.00	88 88 8	246.00		479.00 578.00		503.00 503.00		173.00	438.00	713.00		425.00	287.00 712.00
	195.XU ha			2 2 2 C		5.91		12.0	13.52			8	19.41		1.09	3 01		7.58		11.73			<7.4	25.66		8,86	38.20
Name rer)	Ares 193. Designed free			3		5.91		12.0	- 90 - 90 - 90			8.0	4 9		1.09	, 8 , 8		7.58		211			3.25	10.68		8.86	3.68
Drainage Name P(Sewer)	Total Area	Line Joint No. No.	J_ 	â	+	5 4		ę				ν ν	8		~	. a	+	64 O	4	10			1	12 14		E.	14 R1

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		Cover	(E)	235	02 1	2.30		2.23	2.32 3.36		1.20	3.38 4.20		1.20 2.28		1.20 2.81		2.48		1.20	2.83 3.72		1.20 2.45		
Tune	Height	GL.	(m)	1.80		1.80		0. Q 1. K 0. L	8 8		1.80	1.80		1.80		1.80		1.80		1.80	1.80		1.80 1.80		-
Flowing Tune 7,00 min		<u> </u>	(m)	0.220		-0.854		0.250	-0.874 -1.909		0.250	-1.929		0.250 -0.830		0.250		0.250	· •	0.250	-1.378	~~.	0.250		
k_⊥,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 L_	Flow	(s/; m)	0.053		0.053		0.053	0.053		0.053	0.053		0.053		0.053		0.053		0.053	0.053		0.053		
	Pipes	Velocity	(m/a)	0.749		0.749		0.749	0.749		0.749	0.749		0.'/49		0.749		0.749		0.749	0.749		0.749		—
~		Slope	(96)	3.0		3.0		3.0	3.0		3,0	3.0		3.0		3.0		3.0		3.0	3.0		0.5		
Rain-fall [Atensity:]=4,610/(t+23) Å sSewer: 0.0013 m?/#/hk		Size	(mm)	φ 300		¢ 300		¢ 300	¢ 300		¢ 300			¢ 300		¢ 300		¢ 300		¢ 300			¢ 300		
ain-fall Intens ∆ sSewer:		Total	(m/s)	0.008		0.009		0.012	0.028		0.010	0.043		0.007		0.038		0.013		0.014	0.019		0.010		
2	Discharge	Sewer	(m'/s)	0.008		0.009		0.012	0.028		0.010	0.043		0.007		0.038		0.013		0.014	0.019		0.010		
		Rain	(m//a)																						
ULATION		Sewer	(m%/ha)	0.0013		0.0013		0.0013	0.0013		0.0013	0.0013		0.0013		0.0013		0.0013		0.0013	0.0013		0.0013		
DISCHARGE CULCULATION	par lha	Rair	(m ³ /s ^h a)																						
SCHAR	5 tic	Time of	C C	\$																	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				
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	Longth	Lied	(m)	382.00 382.00		368.00 368.00		343.00 343.00	345.00 688.00		432.00	275.00 275.00		360.00 360.00		536.00 536.00		426.00 426.00		443.00 443.00	298.00 741.00		415.00		
00 00 00	Drainage Area	Total	(eu)	6.07		6.75	•	9.28	21.46	:	8 04	33.17		5.49		28.91		10.06		06.01	14.85		7.76		
Name ver)	2		(m)	6.07		6.75	2	9.28	5.43	:	808	3.67		5.49		28.91		10.06		10.90	1.05		7.76		
Drainage Name P(Sewer)		No. No.		ฐ		18			8		<u> </u>	Ω	-	×	<u> </u>	ห		ĸ			*		5×	╂───╂─	
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page_3	Notes	-																	AN					1							
		Cover	(田) 1.20	2.19	4.52		2.81						 				 				 				· · ·						
a la	Height				1.80		1.80			I		-	 								 										
Flowing Time 7.00 min			-		-3.066	L	-1.358					-	 								 										į
	L 3		(3/, UI)	0.053	0.053		0.053					-	 						<i>x</i>		 										L
	Pipes	Velocity	(m/s)	0.749	0.749		0.749												-		 										
(6			(azy)	3.0	3.0		3.0	· · · · · · · · · · · · · · · · · · ·				-	 								 										
Rain-fall Intensity: 1=4,610/(t+23) & Sewer: 0.0013 m%ha		Size	(mm)	¢ 300	¢ 300		¢ 300																								
Rain-fall Intensi A sSewer:		Total	(m/k)	0.010	0.014		0.018						 								 -		<u> </u>	-							
~	Discharge	Sewer	(m)/s)	0.010	0.014		0.018						 								 										
. E		Rain	(m//s)										 													1					
ULATION	ha	Sewer	(m/s/m)	0.0013	0.0013		0.0013						 ,				-	+			 										
DISCHARGE CULCULATION	par lha	Rain	(m/s/m) (m/s/m)								-		 			_					 										
CHARG	Ratio	Time of Run-of	O										 									<u> </u>				_					
DIS	Reach	Time	+ 	14.3	20.0		18.9						 								 		<u> </u>								
Ą	Length	Part Total	(E)	329.00	258.00 587.00		536.00 536.00								:													·			
195.80 ha	[-	(F4)	7.57	10.53		13.71				1																	•		· · ·	
Drainage Name P(Newer) Total Area	Drainage Area	1	(F I)	7.57	2.96		6.14																			1.			:		
P(Ser	Joint				R		ĸ						· —								 	<u> </u>			ļ		•••				
	Ĕ.	2		27	28		29	Ļ]					ľ

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page 2	Notes													
-		Cover	(m)	1.20		1.20	1.99		1.47	3.12	1.20 2.72		2.08	1.20
Time	Height	G.L.	Е) (Е)	1.80		1.80 1.80	08.1	2	1.80	1.80	1.80		1.80	1.80
Flowing Time 7.00 min		Ħ	(m)	0.250		0.250	-0.541		-0.020	-1.673	0.250		0.632	0.150
	۲ ۲	Flow	(11,12) (11,12)	0.053		0.053	- 200			0.053	0.053		0.053	
	Pupes	Velocity	(m/s)	0.749		0.749	07E 0	<u>}</u>		0.749	0.749	••••••	0.749	
<u> </u>		Slope	: (ag)	3.0		3.0	, ,			3.0	3.0		3.0	
Rain-fall Intensity: 1=4,610/(t+23) & sSewer:0.0012_m%/ha		Size	(mm)	¢ 300		¢ 300		nne e		¢ 300	φ 300		¢ 300	
ain-fall Inten 8 sSewer:		Total	(m/s)	0.011		0.00		100		0.011	0.020		010.0	
Я	Discharge	Sewer	(m)/s)	0.011		0.008		/ 0.0		0.011	0.020		0.010	
. 1		Rain	(m/s)	- - -	·				• - •			-		
DISCHARGE CULCULATION	lha	Sewer	(m)(a/ha)	0.0012		0.0012		1 2100.0		0.0012	0.0012		0.0012	
GE CULC	par lha	Rain	(m/s/m)											
SCHAR	Reach Ratio	of Run-of												
IQ	Read	1 1 1 1 1 1 1 1	۲-	12.6		121				19.3	18.3		13.5	
7	Length	Part	(E)	253.00 253.00	 	257.00 257.00	688.00	242.00	551.00	551.00	506.00 506.00		294.00	601.00
208.00 ha	o Area	Total	(ha)	9.28		6.46		10.65	-	9.45	17.08		8.55	
Name wer) (rea	Drainage Area	Part	(P4)	3.62		6.46				9.45	17.08		8.55	
Drainage Name BDA(Sewer) Total Area	Line Joint	No X	1	1	 			BDAZ		<u>у</u>	3			
	Line	ź		_ <u></u>	<u> </u>	<u> </u>		-		*	2	[8	

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	1.20	2.08	2.46											
-														
	1.80	1.80	1.80											
-	220	532	0.150											
	0						 							
		0.053	0.095						ĺ					
		0.749						 						
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		3.0	2.1											
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		0	0											
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		0.010	0.059											
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2		0.0	0.0											
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		0.0012	0.0012					Γ	Ι					
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		13.5	26.7			 	 	 	<u> </u>		 		<u> </u>	
2222	294.00	294.00	601.00 895.00										l	
								–-	 		 			
11.11		8.55	49.08											
	-†-	8.55	23,45	· · ·					†- -	 				
Į.				•		<u> </u>	1_	 	ļ			 		
			21 BDA						<u> </u>					ļ
-		8	5		:	<u> </u>	<u> </u>	<u> </u>		<u> </u>		L	L	E

1		<u>s</u>													1															
parte		Notes		1.20	88	 1.52	68 68		1.20		1.20	3.13 4.49	60 98		1.20	88		1.20 2.59	02	32	27	5.90		1.20						
ETT)				1		 											··													
Flowing Time 7.00 min		HCIMI	3	1.80	1.8	1.80			1.80			1.80			1.80			1.80				1.80		1.80						
Flowin 7.00		ļ	4		-1.229	0.2.0	-1.249		0.250		0.250	-1.684 -3.043	-3.252 -3.632		0.250	-3.652 -4.628		0.250	0.260	-0.467	-1.156	-4.648 -5.662		0.250						
	3		How	(g), (L)	0.053	0.053	0.053		0.053		0.053	0.053	0.095		0.053	0.169		0.053		0.053	0.053	0.169		0.053						
	Pipes		Velocity	(s/u)	0.749	0.749	0.749		0.749		0.749	0.749	0.759		0.749	0.860		0.749		0.749	0.749	0.860		0.749			_			
<u>^</u>		- F		(90 <u>x</u>)	3.0	 3.0	3.0		3.0		3.0	3.0	5		3.0	50		0.E		3.0	3.0	2.0		3.0						
Rain-fall Intensity:] = 4,610/(1+23) A Server 0,0012 = 1/6/h2	918/W 71000		Size	(mm)	φ 300	¢ 300	¢ 300		¢ 300		A 300				φ 300	1		φ 300		¢ 300	¢ 300			¢ 300	i					
ain-fall Inters A 5 mar	Docwer.		Total	(m)/#)	0.015	 0.003	0.033		0.020		0.005	0.035	0.070		0.012	500 0		0.012		0,006	0.036	0.139		0.007						
*		Uncruarge	Sewer	(m/s)	0.015	 0.003	0.033	/_	0.020		200.0	0.035	0.070		0.012	0.03		0.012		0.006	0.036	0.135		0.007				•		
			Rein	(m/s)		 															_									
DISCHARGE CULCULATION		Ina	Sewer	(m//s/ha)	0.0012	 0.0012	0.0012		0.0012		C100 0	C100.0	0.0012		0.000	11000	71000	0.0012		0.0012	C100 0	0.0012		0.0012						
GE CULC		par Iha	Rain	(m//s/ha)																										
SCHAR		Ratio	1 Run-of	U						<u> </u>												_								
SIG		Reach	, F		18.0	40	^		212			1.	-		2		4 .V6	0 17.3	1	123		_	-	2	- <u> </u>					
	Į,	Longth	Ter	E	493.00	107.00	661.00 768.00		638.00 638.00		132.00	453.00	181.00	0	625.00	488,00	0.5111	462.00 462.00		239.00 239.00	556.00	507.00 1728.00		246.00						
,	208.00 ha	o Arca	Total	(Pa)	12.53	2 8K	27.11		16.55			20 Y	0.0			67 N	81 -7/7	20.0		42.2	i e	17.22 1 1 5 5 1 1	2	XX X		:	 •		:	
Name Tver)	Area .	Drainago Arca	Part	(F4)	12.53	386			16.55			60 f	, F	2/17	2	10.25	8,94	9.92		40.8		14.01	12-10	×y v	2017					
Drainage Name BDA(Nerver)	Total	Line Joint	No No.				* 4 7	-	, 4 , 4	+			• •	> -	,		6	21		=		12 12 12		2	2				·	

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page 1	Voter	8710×1											i,												
		Cover	(m)	1.20		1.58		255	7070	0.98 0.98		120	1.20	1.56	191		1.55		153	0.93		1.20		1.60	ផ្ល
Time	Height	GL.	(m)	1.80		0% T		8 8	1.80	1.80		1.80	1.80	1.80	1.80		1.80		0 08	1.80		1.80	j	1.80	1.80
Flowing Time 5.00 min		ТЕ	(H)	-0.950		-0.650		-1.021	-15/2	1.725		-0.950 -1.264	-0.650	-1.005	-1.264		-0.650	 	-0.950	-1.681		-0.550		-0.650	-1.070
	L S	Flow	(m/s)	2.449		1.350		1.350	7.805	7.805		2.449		1,350	3.982		1.350		2.449	7.805		1.115		1.406	
	Pipes	Velocity	(m/s)	1.386		1.194	·	1.194	1.590	1.590		1.386		1.194	1.565		1.194		1.386	1.590		1.173		1.243	
1.18+89)		Slope	(096)	1.2		12		12	0.8	0.8		1.2		1.2	1.2		1.2		12	0.8		1.3		1.3	
Rain-fall Intensity: 1 == 13,567/(t^1.1.18+89) A Sewer:		Size	(000)	å 1500		¢ 1200		¢ 1200	¢ 2500	φ 2500		¢ 1500		φ 1200	φ 1800		¢ 1200		¢ 1500	¢ 2500	-	¢ 1100		¢ 1200	
kain-fall Inten ∆ Sewer:		Total	(m)(s)	2.397		1.231		1.223	5.109	165.2		1.787		1.179	3.679		1.217		1.699	7.253		0.911		1.127	
н	Discharge	Saure	(a)(m)	(a)																					
NOI		4				1.231		1.223	5,109	5.331		1.787		1.179	3.679		1.217		1.699	7.253		0.911		1.127	
DISCHARGE CULCULATION	par lha		$-\Gamma$																						
RGE CU			<u> </u>		- -	0.2362		0.2370	0.2161		Į	0.2465		0.2382	0.2119	<u> </u>	0.2390		0.2452	· · · ·	I	0.2448	L	0.2382	+-
ISCHA		Time of		<u> </u>	_	.1 0.70		13.9 0.70	19.4 0.70	· · · · -		11.6 0.70		13.6 0.70	20.6 0.70	ł	13.4 0.70		11.9 0.70	<u> </u>	· · · ·	12.0 0.70		13.6 0.70	-1
Ч				Lu (uin)		8.8 14.1		8.6 13	5.2 15			6.3 11		8.3 12	6.7 20		8.1 12		6.6 11			67		8.3	·ł
	_	F Keach				0.3	1	0 0.3	0 0.3	ł	+	003		0 03	0 03	_	0 0.3		0.3		-	0.3		0.3	
.:		Treast T				316.00 316.00	Į		l	166.00		262.00			314.00	<u>+</u>	291.00 291.00		275.00		1	237.00	_	308.00	+
	<u></u>	Dich Land				20.00	····	\$ 20.00	ł			20.00		5 20.00		·	20.00	—	20.00		£	20.00		3 20.00	
	Trainan Area		+	_	2) 2) 2)	1 521		6 5.16	<u> </u>	I	-	5 7.25		5 4,95		ŧ—	9 5.09		16.9		+	2 3.72	<u> </u>	3 4.73	
Drainage Name R(Rain) Total Area	4i	1			10.02	44 5.21		5.16	7C L	2 41		33 7.25		4.95	VI VI VI	<u> </u>	36 5.09	L		1 50	₩ -	32	1	4.73	
Draina		Line Joint No. No.		_	KAL KA4	RA2 RA4		RA3	P A d	× d	3	RB1 RB3		RB2	Add rad		RB4 RB6		284	y da		RCI RC		<u>រ្ត្</u>	-