Areau (km <sup>3</sup> )         Boorbolic         State           Forward         (m <sup>3</sup> /veu/)         (m <sup>3</sup> /veu/)         (m <sup>3</sup> /veu/)         (m <sup>3</sup> /veu/)           25.81         2.535         2.535         0.014.007         315         317           25.81         2.535         1.014.007         316         317         90         317           2.535         2.535         1.014.007         316         317         91         317           2.535         2.535         1.014.007         316         317         91         317           2.535         2.535         1.014.007         316         317         91         317           2.535         2.5444         1.014.007         317         91         317         91           2.5404         0.949         1.089.109         313         316         31         31           2.5404         0.949         1.049.13         316         31         31         31         31           2.5404         0.949         1.049.13         31         31         31         31         31         31         31         31         31         31         31         31         31         31         31							COMD dWMN						Other	Other Studies			
Tent         Tent <th< th=""><th></th><th>DIMINU</th><th></th><th>1</th><th></th><th></th><th>Safe Abstraction Y</th><th>iekd</th><th></th><th></th><th></th><th>MudumbyM</th><th>Jep Groundwater</th><th></th><th>C be those</th><th>, ins</th><th>ą.</th></th<>		DIMINU		1			Safe Abstraction Y	iekd				MudumbyM	Jep Groundwater		C be those	, ins	ą.
$ \begin{array}{                                    $			Aru (ki	а.)	Borchole	L	Shalkow	   	1.01	1	Total Flow	Exploitable Rate		Potential	H MIDIC	·	:
Math         Total         Math         Math </th <th>Code</th> <th></th> <th>1</th> <th>Present</th> <th>Ì</th> <th>ar/km²)</th> <th></th> <th>ur/km<sup>2</sup>)</th> <th>(m<sup>3</sup>/year)</th> <th>(m<sup>2</sup>/year/km<sup>2</sup>)</th> <th>(m'/war)</th> <th>(%)</th> <th></th> <th>(m'/war/km<sup>2</sup></th> <th></th> <th>Study :</th> <th>Year</th>	Code		1	Present	Ì	ar/km²)		ur/km <sup>2</sup> )	(m <sup>3</sup> /year)	(m <sup>2</sup> /year/km <sup>2</sup> )	(m'/war)	(%)		(m'/war/km <sup>2</sup>		Study :	Year
Biology         Total         <	-	Vantabi	Ξ	ENU	°	∍	į	÷R.	1012,61	26	•				•	-	•
Nerve         1,0 </td <td>T</td> <td>clumbu</td> <td>2 587</td> <td>2.587</td> <td>1202,2021</td> <td>150</td> <td>44,544</td> <td>5</td> <td>952.700</td> <td>191</td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>,</td> <td></td>	T	clumbu	2 587	2.587	1202,2021	150	44,544	5	952.700	191	•					,	
Merical         131	1	Ciriovae's	SKP.I	1.485	52K,750	-26	34,372	3	S63.478	121			•			••••	••••
Nighter         Nighter <t< td=""><td>ł</td><td>Muranea</td><td>2.525</td><td>2,525</td><td>1,00,170,1</td><td>108</td><td>[``</td><td>921</td><td>1,776,0034</td><td>4</td><td></td><td></td><td>•</td><td></td><td></td><td>-</td><td>•</td></t<>	ł	Muranea	2.525	2,525	1,00,170,1	108	[``	921	1,776,0034	4			•			-	•
Norm         Total         Control         Control         Norm	ł	Vindente	0.25.6	5.775	436,156	273	1	×	1 01 5 214	100					,	-	
(international constrained by constrained b	T	Veri	1266	3.706	1.(189,1199		ł	30	1. 156, INN	151			•		-	-	
Name         Name <th< td=""><td></td><td></td><td>13.000</td><td>13.006</td><td>\$ 35 3.076</td><td>412</td><td>11.788,286</td><td>¥.</td><td>17,141,774</td><td>11.1</td><td></td><td></td><td>Not Oughtified</td><td>1 : :</td><td></td><td>WRVP -</td><td>-(9m))-</td></th<>			13.000	13.006	\$ 35 3.076	412	11.788,286	¥.	17,141,774	11.1			Not Oughtified	1 : :		WRVP -	-(9m))-
Minimum         Coli         Volt	T	ć wale	X 260	8.60	5.363.595	649	7.478.533	504	12,842,777	1.55	•		•				
Member         Total         Member         Member </td <td>ł</td> <td></td> <td>NIX Y</td> <td>XXX</td> <td>1 605 400</td> <td>07.5</td> <td>5215459</td> <td>NCN</td> <td>9.321.388</td> <td>9 I</td> <td><u>.</u></td> <td></td> <td>Not Quantified</td> <td></td> <td></td> <td>WRAP</td> <td>(546)</td>	ł		NIX Y	XXX	1 605 400	07.5	5215459	NCN	9.321.388	9 I	<u>.</u>		Not Quantified			WRAP	(546)
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Ontent         (7)30 <t< td=""><td>ł</td><td></td><td></td><td>101</td><td></td><td>-</td><td></td><td></td><td>-</td><td></td><td></td><td>, ; ; ;</td><td></td><td></td><td></td><td></td><td></td></t<>	ł			101		-			-			, ; ; ;					
Matrix         32,01         57,050         100         25,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050         100         75,050	1						47 KUU UUS	UKA	040 5 00 45	IVI .					•		•
Witten         Test         <	÷	JURNA		10.00	1.45,454	1.11	21 105 201	0.0	1941 455 XC	1.10	•			-	-		1
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Name	Ť	Lifew			104K*170'1'1			000					-				
Ryster         System         System<	Ţ	USIVNYIMITA			000.000				1 A 7 7 7 6 6								
With Warmer (Home Trin)         Trin         Constraint         Trin         Constraint         Constraint <thconstraint< th="">         Constraint         Constra</thconstraint<>	÷	SISUMU SISUMU	÷		1001 / 0X	2.25	1/0 A70'7		100,000								•
Match Manna (Manna)         Match Manna         Match Manna <td></td> <td>situya.</td> <td></td> <td>12.1</td> <td>1700,000</td> <td>G</td> <td>076 7777</td> <td>8</td> <td>5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		situya.		12.1	1700,000	G	076 7777	8	5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								
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Noment         Web         State         Trans, State         Web         Annotation         Web         Annotation         Web	1	UOTIN		2,00													
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Kertche(Klyrugis)         4,940         2,368         1,452,000         2,000         6,53         0,000,00	Ì	Capitado,	- 21.75		1.01/000		14,4/1,400								•		<b>,</b>
Lukbpa         9.162         0.13.1.21         373         2738.3.21         301         6.17.1.81         671         2.00000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         5         1.0000000         1.0000000         1.0000000         5         1.0000000         1.0000000         1.0000000         1.0000000         1.0000000         1.000000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.00000000         1.000000000         1.0000000000         1.0000000000         1.	Ì	(ericho(Kipsigis)	4,940	2.569	1,463,010	\$	7 10'010'1	4	0100167		÷		A DOD DOD		·		
Nickuta         7100		ikipia	9,162	9.162	2,413,124	575	2,758,321	30]	6,171,818	<b>(</b> )	i.	∽ 	000,000	107.1	1	WKM'	(1914/)
Nuclear         18,002         15,128         41,77,782         229         8,553,310         47         1,220,001         600         7	T	di later.	1001 -	1001 6	1 000 1001	144	1 349 013	X	0.5911620	44	<u> </u>						•
Trans Nova         2.467         001/374         2.46         001/374         2.47         001/374         2.47         001/374         2.47         001/374         2.47         001/374         2.47         001/374         2.47         001/374         2.47         001/374         2.47         001/374         2.47         001/374         2.47         0.47         2.47         0.47         2.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.47         0.44 <th0.4< th=""> <th0.44< <="" td=""><td>1</td><td>Vikelu</td><td></td><td></td><td>CAC CC   P</td><td>2</td><td>× 451 3101</td><td>475</td><td>12.681.321</td><td>202</td><td></td><td></td><td>•</td><td></td><td>•</td><td></td><td>•</td></th0.44<></th0.4<>	1	Vikelu			CAC CC   P	2	× 451 3101	475	12.681.321	202			•		•		•
Usern Gebu         3.21k         1.000, 410         341         56,0,60         167         1.000, 100         507         Non-Outmitted         Non-Outmitted <th< td=""><td>ł</td><td>Contraction of the second s</td><td></td><td></td><td>A(1) 474</td><td>244</td><td>1.720.401</td><td>NOK.</td><td>2 321.019</td><td>94</td><td></td><td></td><td>•</td><td></td><td>•</td><td></td><td>•</td></th<>	ł	Contraction of the second s			A(1) 474	244	1.720.401	NOK.	2 321.019	94			•		•		•
Bornet/Line         2,71         2,72         2,71         7,84,010	Ť	hene Giebu	1916		1 (196, 41/9)	341	536.260	167	1010/129/1	50					•		•
Tregenantar         2.77b         2.75b         2.75b         2.745         2.17b         7.745         2.77b         2.75b	ि	Criment South and Arra 2010	2.37	2.371		-		i									
Barringan         Display         Display         Display         Display         Display         Display         Display         Display         Second of the conditioned         MAAP           Elgevin Marinevel         1.03554         1.00554         1.001         2.012         2.435.255         2.932.055         2.932.055         2.932.055         2.932.055         2.932.055         2.932.055         2.932.055         2.932.055         2.943         2.943.055	1	rannsmara	2.X74	2.874		-								_			
Eligovi Mantwert         1         3,149         3,149         400,072         151         2,465,672         810         202,555         959         • <t< td=""><td>1</td><td>ariana Zariana</td><td>10.954</td><td>10.054</td><td>3,967,205</td><td>Y</td><td>3,475,551</td><td>11</td><td>7.443.118</td><td>67</td><td></td><td></td><td>5.950,000</td><td>543</td><td>Not Outmitified</td><td>. 1</td><td>(1945)</td></t<>	1	ariana Zariana	10.954	10.054	3,967,205	Y	3,475,551	11	7.443.118	67			5.950,000	543	Not Outmitified	. 1	(1945)
Nieut         2.7xd         2.7xd         2.7xd         2.7xd         2.7xd         1.46.0.833         504         2.17.2.076         764         0	İ	Thread Marabases	040	10111	40.0321	151	2,465,072	XOX	2,925,255	50	•		•		•		
Sambureu         20,808         3,52,506         24         14,995         22,20,0,601         975         100,000         20         20,000,000         961         WRAP           Turbana         69,146         73,375,104         773         16,55,401         743         74,945         20,100,000         961         961         WRAP           Turbana         69,146         73,375,104         773         16,55,401         743         74,944         70         WRAP	1	Undi		2744	46K 2451	X.V	1.663.833	508	2.132.0781	76	•	-			•	- 1	
Turbana         (e) 140         (e) 140 <t< td=""><td>1</td><td>is mburen</td><td>20, X0X</td><td>20,808</td><td>5.282.985</td><td>45</td><td>14,097,422</td><td>721</td><td>20,280,661</td><td>47</td><td></td><td></td><td>20,000,000</td><td>_</td><td>18</td><td>- 1</td><td></td></t<>	1	is mburen	20, X0X	20,808	5.282.985	45	14,097,422	721	20,280,661	47			20,000,000	_	18	- 1	
Wett Point         X,3/7	ļ	C. tkuda	1971 09	69 140	21.332.104	100	51,652,401	747	74,984,842	1,014	,		•		•		1
Rungwim         3.072         3.072         1.52/210         775         1.855/671         6.64         3.008, 156         079         Not Quantified         Not Num         Not Quantified         Not Quantified         Not Quantified         Not Quantified         Not Num	Т	West Pokot	100 8	410.8			K.463.944	53	10,450.027	91.1		Not Qu	iantified (moderate po	(ential)		WRAP	(1994)
Busine         1.652         1.652         500.1M0         703         1.569.534         1.005         2.160.021         1.308         Nor Quantified         KEPINC           Kolometry         3.501         3.020         1.144.2201         722         7.115.475         1.198         Nor Quantified         KEPINC           Kolometry         3.501         3.020         1.144.2201         722         7.115.475         1.198         Nor Quantified         KEPINC           Method         3.021         3.020         1.144.2201         723         3.155.475         1.198         Nor Quantified         KEPINC           Method         3.41         3.41         3.41         1.198         Nor Quantified         KEPINC           Method         3.41         3.41         1.198         Nor Quantified         KEPINC	T	and the second	(c.0)	1022		1.22	1.855.671	100	3,008,756	40	~		Not Quantified			KEHNO	(1990)
Xionemple         Xionemple         Xionemple         Xionemple         Net Outnified         KEFINC           Vibility         Xionemple         Xionem	1	Ausia Ausia	1652	1 1 1 1 2		6	1.659.53M	1,005	2,160.021	06 1			Not Quantified			KEFINC	(1441)
v: [Vhbler with the state and the state of t	T	Cakamona	1.541	1020	1,14K,2201	32	3,115,452	×75	4,264,374	01.1	*		Not Quantified			KEFINC	0001
Total 193,027,266 426,136,7751	÷.	<b>Vahápte</b> r sej sign sagetta a vi nev an en	2	541			-									-	
	1	Total			143,027,260	-	426,136,775		619,17K,S661					_	-		

Table - 4.3.1 Safe Yield - Summary of Existing Studies

Data Source: The National Water Master Plan (JICA, 1992) Shaded: New Districts Safe Yield of Nairobi: Groundwater abstraction is restricted by a regulation in Nairobi.

The Aftercare Study on the National Water Master Plan

IV - T - 28

### Final Report – Suppoting Report Part IV Water Resource Development Plan

6

Aquifer Characteristic
Table - 4.3.2

	Distnet		Total Depth (m)	1 1	Ì		Sinuk L	Sinuck Level(m)	$\mid$		Rust Lovel (m)			7	Vield (m'/hr)			ž.	Drawdown (m)		Transmissivity		
	,			- 1	Ì			F			LAALD	F					-					-	Stratuvily
			Ronge	. •	Vernee		Runge	-	alitrav	1	Kanke	Average	rajte'	Kar	5	Average	3	Kang		Avefaile	(m'/da		
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11	Klrinyuga	5	•	- F	Ì				5	ţ.			1		56.7	_	6.0	-	Υ.	₹.	0		61E-03
-T-	Muranga		·	•			•		10			3	Ι.	-	273		5.112	•	ð -	2	4		1.46E-02
	Nyandanaa	•	-	30	9	-	•		10			41	0	•	144	-	59 2	'  -	3	្			3.39E-03
	Nyeri	F.		797	2	~		2	5.2	ţ		10	<u>i</u>		5	<b> </b> _	2	•		<u>×</u>			1.4KE-02
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	Emhu	 11		S.	<u>}</u>	-			Ŧ	-	•								5		0.0		2.06.00
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\$10 F	Kisii/Nyamira	9	•	M	¥	~	-	4	3	~		4X	<u> </u>			-			9			1	44F-02
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Т	Kajisdo	8	•	200					701			, j	40	0	36.4		1	-  -	3	55		0.4	256-03
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	Nakuru	0	•	969	13	_		5			•	y,				+-	4	-	1	×: ا	-	0	0.66-02
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	Uasin Gishu	ð	•	ຄື	¥.	r.,		9%   	7.			101	<u>-</u>						91	ľ		14	25E-03
760	Bornel	ŝ		킁	146	•	•	រដ្ឋ	ŝ		•	9	÷.						1				06E-02
100	Trugnsmara	\$		305	147	\$	•	х,	ž	64	•	612	ÿ.				-		-			5 1	0-455
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Г	Eleevo Marakwet	47	'	XX	H	8	•	176	67	~		¥		0.4									AF OT
1	Nandi	27		122	5	11	•	112	<b>4</b>	6	•	z	19	5	4°		- -	-				1.	1 C. 11
4	Sumbureu	-	•	8	5	-	•	169	2	٣,		146	•	02	21.8				2 a				01210 0
÷ .	Turkana	-1	. _	- 52 -	3	e 1	•	ŝ	37	63		107	2	3	- Z6.6	_		•   -					10.000
ï	West Public	2	•	202	7X	3		\$	46	4	•	59	22	0.1	4.6		2	•	2				
1				9	18	17		15	39		•	56	2	0.1	115.0		0		41	7			10-762
Ł		1					•	Z	37			59	1	0.1	181	2	3.31	-	\$	4		Ē	042-02
	DUNIA ACCOUNTS	1 1 1 1			- A			102	<u>.</u> 1	-		49	-  =	0.4	ċ.		1.1	•	3				141_0
- 5.		15			A4		•	102	321	-		- 64	-  =	0.4	Ÿ.	2	1.1	-	501 -	-			70- 1 <b>t</b> /
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IV - T - 29

Data Source: The National W Shaded: New Districts

	DISTRICT	I	YIELD		Max	imum Groundwoter Pe	aconial		Safe	Yield for 20 years	Operation
	DISTRICT		1810	Optimum	- Pamp	ng Potential	١	Well		Safe	Yield
Code		Area (km²)	(m²/hr)	Daily Operation Hours	(m <sup>1</sup> /year.km <sup>2</sup> )	(m <sup>3</sup> /year/district)	Area needed for a Well (km <sup>2</sup> )	Well nos. in the District (nos.)	Safe Yield factor	(m <sup>1</sup> /year.%m <sup>2</sup> )	( <b>m<sup>3</sup>/y</b> tar/district
110	Nairobi	693				Developm	unt is restricted	by a regulation			
210	Kiambu	2,587	8.5	4	2,343	6,062,259	5.3	487	12%	281	727,4
220	Kirinyaga	1,485	\$.3	4	3,887	5,771,472	2.0	738	12%	466	692,5
230	Muringa	2,525	5.9		7,630	19,264,658	1.1	2,233	12%	916	2,311,7
240	Nyandurua	3,373	5.3		3,288	11,083,874	7.1	477	12%	395	1,330,6
250	Nyen	3,266	6.0	12	5,815	18,992,530	4.5	722	12%	698	2,279,
310	Killfi	13,906	5.7		3,257	\$2,363,850	38	3,423	12%	391	5,083,0
320	Kwale	8,260	4.4		534	4,412,902	18.1	456	12%	64	529,
330	Lamu	6,818	12.1		· · · · · · · · · · · · · · · · · · ·	29,285,684	62	1,107	12%	515	3,514,
340	1 Mombasa	282	4.1	12		720,868	7.1	39	12%	307	86.
· · · ·	Taita	16,965	7.6		1 3,515	59,635,929	3.1	5,402	12%	422	7,156,
350				• ••••	· • · · • · · • · · · · · · · · · ·		113	3,421	12%	48	1,858,
360	TanaRiver	38,781	2.1	·		15,484,882					
410	Embu	2,805	<del>4.</del> )		2,959	8,300,678	20	1,395	12%	355	996
420	1รล่งสอ	25,604	6.0		4,366	111,777,208	2.0		12%	524	13,413.
430	Kitui	19,892	3.9		4 2,857	56,824,444	2.0	· · · · · · · · · · · · · · · · · · ·	12%	343	6,818
440	Masaku	6,249	5.3	·	4,995	31,211,885			12%	599	3,745.
450	Marsabit	72,290	5.0		4 1,368	98,862,174	5.3	13,622	12%	164	11,863,
460	Моги	3,523	6 2		4 1,701	5,992,792	5.3	663	12%	204	719
470	Nyambene	4,066	6 2		4, 1,701	6,916,463	5.3	766	12%	204	829.
450	Tharaka Nithi	2,295	6.2		4 1,701	3,903,905	5.3	432	32%	204	468
490	Maingi	9,911	3.9		4 2,857	28,312,239	2.0	4,931	12%	343	3,397
4A0	Makueni	7,719	5.3		4 4,995	38,554,097	15	5,016	12%	599	4,626
510	Carissa	43,392	10.3		4 4,779	207,385,815	3.1	13,819	12%	574	24,886
520	ManJera	25,871	45	1	0 2,701	69,885,730	6 2	4,203	12%	324	8,386
530	Wajir	56,923	4.3	1	0 2.572	146,400,686	6 2	9,249	12%	309	17,568
610	Gusii	1,252	43		4,079	5,106,993	1.5	813	12%	-189	612
620	Kisumo	2,077	10 2		4 2,794	5,804,040	5.3	391	12%	335	696
630	Siaya	2,524	5.3		6 2,560		4	558	12%	307	775
649	Homa Bay	3,105	4.5		4 1,250	· · · · · · · · · · · · · · · · · · ·		+ ··· ·	12%	i	
650	Migon	2,603	4.5	1	4 1,250	• • • • • • • • • • • • • • • • • • •	ŕ		·		390
660	Nyamira	916	4.3		4 4,079		÷	· · · · · · · · · · · · · · · · · · ·			463
710	Kajiado	21,756	<b>.</b>	· · · · · · · · · · · · · · · · · · ·	4 6,952	+	·	÷		t	18,150
720		2,569	· · · · · · ·		4 7,683	t	+	· • • • • • • • • • • • • • • • • • • •			🕴 - 1
	Kipsigis							t · · · · · · · · · · · · · · · · · · ·			· ··· ···· ··· ···
730	Leikipia	9,162	· · · · · · · · · · · · · · · · · · ·	···	4 3,023	· ·	4	• • • • • • • • • • • • • • • • • • • •			· ·····
740	Nəkuru	7,190	8.7	1	6 5,149	*					↓
750	Narok	15,128	·	1	6 3,029	ł	• • • • • • • • • • • • • • • • • • • •	• • • • •		·	
	Trans Nzola	2,467	1	1	9 1,665	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •		· · · · · · · · · · · · · · · · · · ·		
770	Uasin Gishu	3,218	ŧ	··· ·- ·	4 2,776		· · · · · · · · · · · · · · · · · · ·	·; - · - · · · · · ·			· · · · · · · · · · · · · · · · · · ·
760	Bornet	2,371	7.1		4 7,688	· · · · · · · · · · · · · · · · · · ·		i	· • • • • • • • • • • • • • • • • • • •		+
790	Transmara	2,874	4.2		6 3,029	8,705,68	· • • • • • • • • • • • • • • • • • • •		12%	363	· · · · · · · · · · · · · · · · · · ·
018	Baringo	10,954	2.7	Ì	4 2,940	32,275,07	<u>4                                    </u>	5,450	) 12%	354	3,873
820	Elgeyo Marakwet	3,649	4.5		4 5,821	17,748,89	7 124	6 24	2 32%	699	2,125
830	Nandi	2,784	5.6		4 4,566	11,318,53	1 2.	0 1,38	124	488	1,358
840	Sambwile	20,808	4.3		6 566	11,782,90	3 1.	5 13,52	3 129	68	1,412
850	Turukana	69,145			4 578	39,999,15	2 12	5 5,50	129	65	4,795
560	West Pokot	8,937			6 3.86)	34,503,91	5 2	0 4.44	12%	463	4,14(
	Burgoma	3,072	F		6 84			·· } · - ·· ··	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
	Busia	1,652			4 1.84	· · · · · · · · · · · · · · · · · · ·	· • ·		· · · · · · · · · · · · · · · · ·	·	· i
	Kakamega	3,020		• ~ • • • • • • • • • •	6 1.909	· • · · · · · · · · · · · · · · · · · ·				•	+
	.Vibiga	54)		· ·	6 1,909	•	······	• }-• •	·	+	
	. • 03193	- D-11	I∎ 1.0	16			. /	41 H	- 2%	c: 245	123

# Table - 4.3.3 Groundwater Pumping Potential for 20 Years Operation

Assemptions:

Drawdowa of groundwater level is not more that 20 m at pumping well after 20 years operation. Adjuctst wells are levened at a double distance of draw down-influence-radius. Drawdowa influence radius' is colloculated as the distance to a point where drawdown is not more than 0.1 m. from the well. Twelve (2) prevail of drilled bareholes can be operational for 20 years with a drawdown of not more than 55 m at the borehole, according to the method of NWAP(1992). Safe Yeld Factor:

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¢

		Direct		NWMP	Aftercare Study	Difference
Code			Area (km²)	(m <sup>3</sup> /year/district)	(m <sup>3</sup> /year/district)	
110	Nairobi		693			
	Kiambu		2,587	907,805	727,471	-180,334
220	Kirinyaga		1,485	528,750	692,577	163,827
230	Muranga		2,525	1,031,007	2,311,759	1,280,752
240	Nyandarua		3,373	921,987	1,330,665	408,678
	Nyeri		3,266	1,089,109	2,279,104	1,189,995
310	Kilifi		13,006	5,353,076	5,083,662	-269,41
320	Kwale		8,260	5,363,595	529,548	-4,834,04
330	Lamu		6,818	3,605,400	3,514,282	-91,11
340	Mombasa		282	140,913	86,504	-54,40
350	Taita		16,965	8,092,980	7,156,311	-936,66
360	TanaRiver	···· ·· · · · · · · · · · · · · · · ·	38,782	19,821,337	1,858,186	-17,963,15
410	Embu		2,805	824,889	996,081	171,19
	Isiolo		25,604	11,495,339	13,413,265	1,917,92
420	1	Kitui	19,892	9,658,200	6,818,933	558,20
430	Kitui	A set of a set of a set of a set of a set of a set of a set of a set of a set of a set of a set of a set of a s	9,911		3,397,469	
490	· · · · · · · · ·	Mwingi Masaku	6,249	5,512,349	3,745,426	2,859,50
440	Machakos	In the second	7,719	5,512,545	4,626,492	
4A0		Makueni	72,290	20,221,098	11,863,461	-8,357,63
450	Marsabit	la a	3,523		719,135	-1,370,52
460		Meru	4,066		829,975	
470	Меги	Nyambene	2,295		468,469	
480		Tharaka Nithi	43,392		24,886,298	10,693,50
510	Garissa			·	8,386,408	3,126,0
520	Mandera	••••••	25,871	· • • • • • • • • • • • • • • • • •		3,946,7
530	Wajir		56,923		612,839	307,8
610	Kisii	Gusii	946		463,056	
660		Nyamira	<u> </u>	and the second sec	696,485	-150,7
620	Kisumu			· · · · · · · · · · · · · · · · · · ·		135,9
630	Siaya	hu Day	2,077			-1,246,0
640	S. Nyanza	Homa Bay			390,530	
650	<u></u>	Migori	3,105		the second second second second second second second second second second second second second second second se	11,503,0
710	Kajiado	1	21,756	and the second se		3,094,5
720_	Kericho	Kipsigis			2,187,448	,,_
780		Bomet	2,371			-89,2
730	Laikipia		9,162			2,449,9
740	Nakuru	1				
750	Narok	Narok	15,128		1,044,682	2,413,0
790	S9	Transmara	2,874			-107,8
760	Trans Nzo		2,46			-24,3
770	Uasin Gis	hu	3,21			-94,1
810	Baringo		10,95			1,669,8
820	Elgeyo Ma	arakwet	3,04			889,9
830	Nandi		2,78			
840	Samburu		20,80			
850	Turukana		69,14			
860	West Pok		8,93			
910	Bungoma	·	3,07			-841,3
920	Busia		1,65			1
930	Kakameg	Kakamega	3,02			
940	- Nakainega	Vihiga	54		123,954	
		Total		193,027,26	184,485,834	-8,541,-

# Table - 4.3.4 Comparison of Safe Yield Estimation (Borehole)

Shaded: New District

**A** 

Table - 4.3.5 Safe Yield of Borehole and Shallow Well	Table - 4.3.5	Safe Yield	of Borehole and	Shallow Wells
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		District		Boreh		Shallow		Teta	4
Code	<u> </u>		Area (km²)	(m <sup>3</sup> /year/district)	(m <sup>3</sup> /year 3/m <sup>2</sup> )	(m <sup>3</sup> /year/district)	(m <sup>2</sup> /year/km <sup>2</sup> )	(m <sup>3</sup> /year/district)	(m <sup>3</sup> /year/km <sup>2</sup>
110	Naitobi		693			16,510	24		
210	Kiambu		2,587	727,471	281	44,544	17	772,015	298
220	Kirinyaga		1,485	692,577	466	34,372	23	726,949	490
230	Muranga		2,525	2,311,759	916	344,593	136	2,656,352	1,052
240	Nyandarua	···· ·· · · · ·	3,373	1,330,665	395	92,954	28	1,423,619	422
250	Nyeri		3,266	2,279,104	698	66,746	20	2,345,850	718
310	Kilifi		13,006	5,083,662	391	11,788,286	906	16,871,948	1,297
320	Kwale		8,260	529,548	64	7,478,533	ŕ	8,008,081	97(
330	Lamu		6,818	3,514,282		5,715,459	f • -= •	9,229,741	1,354
340	Mombasa		282	86,504		64,505	229	151,009	53
350	Taita		16,965	7,156,311	422	15,228,153	i	22,384,464	1,319
360	Tana River		38,782	1,858,186	· · · · · · · · · · · · · · · · · · ·	40,293,158	↓ · · = · = = - · · · · · · · · · · · · ·	42,151,344	1,08
410	Embu		2,805	996,081	355	1,736,190	<b>j</b>	2,732,271	974
420	Isiolo		25,604	13,413,265	· · · · · · · · · · · · · · · · · · ·	23,594,196	\$	37,007,461	3,445
430		Kitui	19,892	6,818,933	343	18,614,037	936	25,432,970	1,275
490	Kitui	Mwingi	9,911	3,397,469	•	9,274,267	936	12,671,736	1,279
440	1	Masaku	6,249	3,745,426	· · · · · · · · · · · · · · · · · · ·	4,821,985	772	8,567,411	1,27
4.40	Machakos	Makueni	7,719	4,626,492	599	5,956,297	772	10,582,789	1,37
450	Marsabit	Indekacut	72,290	11,863,461	<b> </b>	27,050,316	<del>;</del>	38,913,777	538
460	1	Meru	3,523	719,135	4 ······	798,752			431
470	Мегы	Nyambene	4,066	829,975	204	921,863	227	1,517,887	43
480	1	Tharaka Nithi	2,295	468,469	÷ ~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	520,334	227	<u>1,751,839</u> 988,802	
510	Garissa	This are form.	43,392	24,886,298	<u> </u>	42,800,905	<u></u>		43
520	Mandera		25,871	8,386,408	↓	23,295,791	900	67,687,203	1,560
530	Wajir		56,923	17,568,082		56,759,870	· · · · · · · · · · · · · · · · · · ·	31,682,199	1,22
610	1	Gusij	1,252	612,839	,		1	74,327,952	1,300
660	Kisii	Nyamira	946	463,056	t	1,134,360	906	1,747,200	f
620	Kisumu	(infantia	940	696,485		857,113	· · · · · · · · · · · · · · · · · · ·	1,320,168	
630	Siaya		2,077	775,261	<b></b>	2,629,877 2,227,428	2,780	3,326,362	
649	· · · · · · · ·	Homa Bay	2,574	465,846			1,072	3,002,689	1,440
650	S. Nyanza	Migori	3,105	390,530	<b>+</b>	1,985,111 2,442,063	£	2,450,956	97
<u> </u>	J Kajiado	migon	21,756	18,150,720				2,832,594	91
720	inajiou v	Kincipie	÷			12,271,226	÷	30,421,946	
780	Kericho	Kipsigis Bornet	2,569	2,370,120	•··		<u>+</u>	2,895,367	1,12
730	Laikipia	Frantier	2,371	2,187,448 3,323,847	· ····································	484,765	···· - · · · · · · · · · · · · · · · ·	2,672,213	
740	Nakuru		9,162	£		2,758,321		6,082,168	*
750	1	Narok	15,128	4,442,296 5,498,939	·····	1,349,013		5,791,309	80
790	Narok	Transmara	2,874			7,187,783	ŧ	12,686,723	839
760	Trans Nzoli		<del>.</del>		*		·		
770	Uasin Gish		2,467				<u> </u>	2,214,920	ł
	Baringo	• • • •	3,218	·	1		·	1,608,293	· · · · · · · · · · · · · · · · · · ·
820	Elgeyo Mar		10,954	3,873,009	i	3,475,551	<del> </del>	7,348,560	(
830	Nandi	ann 51	3,049	f	t		<u> </u>	4,594,940	
	Samburu		2,784	1,358,224			1	3,022,057	
····- —	:		20,808	·	•—————			16,411,370	······································
	Turukana West Batiat		69,146	4,799,898	·		÷	56,452,299	
	West Pokot	······	8,937	• •••• ••• •• • • • • • • • • •		8,463,944	+	12,604,414	1,41
910	Bungoma		3,072	· · · · · · · · · · · · · · · · · · ·		1,855,671	• • • • • • • • • • • • • • • • • • •	2,167,042	t
920	Busia	1	1,652	365,367		1,659,538		2,024,905	<u>}</u>
930	Kakamega	Kakamega	3,020	691,943		·····	· • · · · · · · · · · · · · · · · · · ·	3,334,406	+
940		Vihiga	541	123,954		473,368		597,322	<del></del>
		Total		184,485,834	1 F	426,136,775		610,606,099	

Shaded New District

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Province	Code	District	Gross Safe		Pres Abstra		Groundwater Development Potential
					Million m <sup>3</sup> /year		•
							0.0
lairobi		Nairobi	0,	0.0	0.3	0.8	0.0
Central		Kiambu	772,015	2.1	0.9	0.2	1.8
		Kirinyaga	726,949	2.0	0.1	0.2	7.0
		Murang'a	2,656,352	7.3	0.1 0.2	0.5	3.4
		Nyandarua	1,423,619	3.9	0.2	0.3	6.1
	250		2,345,850	<u> </u>	1.3	3.6	18.4
lotal in Cen			7,924,784	46.2	4.5	12.4	33.8
Coast	310		16,871,948	40.2 21.9	3.5	9.7	12.2
		Kwale	8,008,081 9,229,741	25.3	0.3	0.7	24.6
		Laonu Mombasa	151,009	0.4	0.1	0.3	0.1
	350		22,384,464	61.3	7.2	19.6	41.7
		Tana River	42,151,344	115.5	1.5	4.0	111.5
Total in Coa			98,796,588	270.7	17.1	46.8	223.8
Eastern		Embu	2,732,271	7.5	0.1	0.3	7.2
CONVIL		Isiolo	37,007,461	101.4	0.5	1.4	100.0
		Kitui	25,432,970	69.7	1.1	3.1	66.6
		Masaku	8,567,411	23.5	1.8	4.9	18.5
		Marsabit	38,913,777	106.6	2.0	5.5	101.1
	460	Меги	1,517,887	4.2	0.1	0.3	3.9
	470	Nyambene	1,751,839	4.8	0.1	0.3	4.5
	480	Tharaka Nithi	988,802	2.7	0.1	0.2	2.5
	490	Mwingi	12,671,736	34.7	0.4	1.0	33.7 19.9
		Makueni	10,582,789	29.0	3.3	9.1	357.9
Toatal in Ea			140,166,943	384.0	9.5	26.1	181.8
North-Easte			67,687,203	185.4 86.8	1.3 0.4	1.2	85.6
		Mandera	31,682,199		1.0	2.7	201.0
	530	Wajir	74,327,952		2.8	7.5	468.3
		astern Province	1,747,200		0.3	0.7	4.1
Nyanza		Gusii Kisumu	3,326,362		0.4	1.1	8.0
		Siaya	3,002,689		0.5	1.4	6.8
		Homa Bay	2,450,956		0.6	1.7	5.0
		Migori	2,832,594		0.5	1.4	6.3
		Nyamira	1,320,168	•	0.2	0.5	3,1
Toatal in N		the second second second second second second second second second second second second second second second s	14,679,969	40.2	2.5	6.9	33.3
<b>Rift Valley</b>			30,421,946		6.6	18.2	65.1
ľ í		Kipsigis	2,895,367		0.5	1.4	6.5
	730	Laikipia	6,082,168		0.2	0.6	16.0
		Nakuru	5,791,309		0.7	2.0	13.8 28.9
		Narok	12,686,723		2.1	5.9	4.8
		Trans Nzoia	2,214,920		0.5	1.3 1.7	2.7
		Uasin Gishu	1,608,293		0.6 0.5	1.7	6.0
		Bornet	2,672,213		0.5	1.5	5.0
		Transmara	2,410,209	•	1.0	2.7	17.5
1		Baringo Elgeyo Marak	7,348,560		0.4	1.1	11.5
		Nandi	3,022,057		0.6	1.5	6.7
		Samburu	16,411,370	•	0.7	2.0	43.0
		) Turkana	56,452,299		6.1	16.7	137.9
1		) West Pokot	12,604,414	i	0.8	2.3	32.3
Total in P		ley Province	167,216,787	in the second second second second second second second second second second second second second second second	22.0	60.4	397.8
Western		) Bungoma	2,167,042		0.6	1.7	4.2
in column		) Busia	2,024,90		0.3	0.9	4.6
		) Kakamega	3,334,400		0.6	1.7	7.5
		) Vihiga	597,322		0.1	0.3	1.3
Total in W			8,123,67	the second second second second second second second second second second second second second second second se	1.7	4.6	17.7
TOTAL			610,606,09		57.2	156.7	1,517.2

# Table - 4.3.6 Groundwater Resources Development Potential by Dictrict

Source : The Aftercare Study Team

The Aftercare Study on the National Water Master Plan

	WRL		2	· · · · · · · · · · · · · · · · · · ·	b	a	+ b		:		d	c	+đ	Total
(d nieler b	elow the ground level)	d <u>≺</u> Nos. of	25 m	25< Nos. of	dí <u>≤</u> 60	Nos. of		60< d Nos. of	<u>≤ 100</u>	100 Nos. of	<d< th=""><th>Nos. of</th><th>·</th><th>Nos. of</th></d<>	Nos. of	·	Nos. of
	District	<u>ค</u> พ	Percent	BH	Percent	B/H	Percent	BH	Percent	811	Percent	811	Percent	BH
110	Nairobi						F	restricted					,	
210	Kiambu	267	24%	558	50%	825	74%	209	19%	82	7%	291	26%	1'16
220	Kirinyaga	17	74%	4		21	91%	2	95	0	0%	2	9%	21
230	Muranga	28	47%	27	46%	55	93%	3	- 5%	1	2%	4	7%	- 59
240	Nyandarua	43	28%	46	30%	89	58%	33	23%	31	20%	64	42%	15
250	Nyeri	13	21%	32	51%	15	71%	15	24%	3	5%	18	29%	6.
310	Rith	131	58%	70	31%	201	89%	16	7%	9	4%	25	11%	22
320	Kwale	432	78%	108	20%	520	98%	5	1%		1%	9	2%	52
330	Lamu	12	86%	2	14%	14	100%	0	<u> </u>	0	0%	0	0%	ŀ
340	Morobasa		93%	6	7%	91	100%	0	0%	0	0%	0	0%	9
350	Tana	43	63%	21	31%	64	94%	3	4%	1	1%	4	6%	6
360	Tana River	0	0%	1	17%	1	17%	4	67%	1	17%	5	83%	
410	Embu	121	78%	29	19%	150	97%	5	3%	0	0%	5	3%	15
420	Isiolo	41	55%	18	24%	59	\$0%	8	11%	7	9%	15	20%	7
430	Kitui	49	61%	24	30%	73	91%	6	8%	1	1%	7	9%	8
440	Masaku	234	45%	212	41%		87%	54	10%	15	3%		13%	51
450	Marsabit	33	• · · · · · · · · · · · · · · · · · · ·			63	70%	13	14%	14	16%	· · · · · · · ·	30%	9
460	Meru	16		- 15		31	76%	5	15%	4	10%	10	<u> </u>	4
\$70	Nyambene		39%		37%		76%		15%	I	10%	\$	24%	
450	Tharaka Nithi		39%		37%	I	76%		15%		10%	1 N N 1 N 1 N 1	24%	
490	Mwingi		61%		30%		91%	·	8%		1%		9%	
4A0	Makueni		45%		41%		87%		10%	· · · · ·	3%		13%	
510	Garissa	17	17%	4		21	21%	18	18%	60	61%		79%	9
520	Mandera	26	F	29		55	73%	10	13%	10	13%		27%	7
530	Wajii	29	33%	<u>11</u>	13%	40	45%	22	25%	26	30%			·
610	Gusii	22	79%	6	21%	28	100%	0			0%	· · · · · · · · · · · · · · · · · · ·		2
620	Kisuma	117	77%			117	97%	3	2%		1%			
630	Siaya	142	8497	28	16%	170	100%	0	+		0%			
640	Нопта Вау	143	¥	41	22%	184	98%	4		°	0%	·	+	
650	Migori		76%		22%	1	98%		2%		0%	· }	2%	· · · · · · · · · · · · · · · · · · ·
660	Nyamira		79%	<del></del>	21%	·	100%	· · · · · · · ·	0%		0%		0%	-
710	Kajiado		40%	173	40%	344	80%		15%	·	5%		<u>}</u>	
720	Kipsigis	<u>20</u> 69		14	30%	34	÷	10	ļ	2	4%		+	4
730	Laikipia		+	129		+ · - · ·	J	· · · · · · · · · · · · · · · · · · ·	13%	t		the second second		
740	Nakuru	217	ł		<u>+</u>	f	<u>51%</u> 66%			· · · · · · · · · · · · ·	28%	· · · · · · · · · · · · · · · · · · ·	+	
750 760	Narok Trans Nzoia	16 48		9		25	100%	· · · · · · · · · · · · · · · · · · ·	<b>.</b>		13%			<b>k</b>
700	Uasin Gishu	130	{			<b>4</b>	97%	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				+	1
780	Bomet		43%	23	30%		74%		22%	and the second second		· · · · · · · · · · · · · · · · · · ·		1
790	Transmara		42%		24%		66%		21%		4%		26%	
810		16	£ ~ ~ ~ ~	12				· · · · · · · · · · · · · · · · · · ·	+		<u>+                                    </u>	·		÷
-810-	Baringo Elgeyo Marakwei	10			32%				23%		237 0%		23%	
		6	T	t			1		1 2370	1				
830 840	Nandi Samburu	55			f					1		·		
840 850	Turukana	223		f	÷		· ····	· · · · · · · · · · · · · · · · · · ·	1 · · · ·		<u> </u>	· •		
860	West Pokot	47	¥ • • • -		+	1				<ul> <li>An example</li> </ul>		· · · · · · · · · · · · · · · · · · ·	·	-
910	Bungoma	149	÷		(	· · · · · · · · · · · · · · · · · · ·	÷		1				-{·	
920	Busia		÷	1	f	· • · · · · · · · · · · · · · · · · · ·			4		f		·	· · · · · ·
930	Kakamega		÷	· · · · · · · · · · · · · · · · · · ·	[	· •			+	· • · · · · · ·	i	· ·		
940	Vihiga		98%		2%	4	100%	·	07				0%	
240	Total	3,764	4	+	i						07		÷	

Table - 4.5.1 Water Rest Level by District

Source: National Water Resources Data Base, Analyzed by the Aftercare Study

BH: Borchole

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Note: Groundwater development is banned by a regulation in Nairobi District.

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Nairobi Central Kirinyaga Kuranga Muranga Nyeri Nyeri Kwale Lamu Mombasa Taita Taveta Tana River Eastern	Access to Safe Water at Present	Diana unites			:						
Nairobi Central Central Kirinyaga Kirinyaga Murangia Nyandarua Nyeri Nyeri Kwale Lamu Mombasa Taita Taveta Taita Taveta Tana River	at Present		River	Lake/Pond	Kool	Protected	Unprotected	Protected well	Unprotected	Borehole	Other
Nairobi Central Kirinyaga Murang'a Nyandarua Nyeri Nyeri Kwale Lamu Mombasa Taita Taveta Tana River Fahbu				/Dam	catchment	Der cent	Per cent	Percent	Per cent	Per cent	per cent
Nairobi Central Kiambu Kirinyaga Murangia Nyeri Nyeri Nyeri Coast Kwale Lamu Mombasa Taita Taveta Taita Taveta Fasteri		Per cent	Per cent	Fer cont	rer cent	1 4 401		<b>2</b> 0			1 1 1
Central Kirinyaga Kurinyaga Murangia Nyeri Nyeri Nyeri Coast Kwale Lamu Mombasa Tana River Fanhu	96.2	95.6	2.6		1	•	, ,	7 C	, c c	02	5 5
Kiambu Kirinyaga Muranga Murangarua Nyeri Nyeri Nyeri Kwale Kwale Kwale Lamu Mombasa Taita Taveta Tana River Fanhu	45.5	36.2	35.3	0.9	3.6	1.8	0.0 6	7.0	30	N.1 V 7 F	i r
Kirinyaga Murangarua Nyandarua Nyeri Nyeri Kwale Kwale Kwale Lamu Mombasa Taita Taveta Tana River Fanbu	43.6	34.5	32.9	0.6	2.8	0.7	2.8	/.c	0.7	10.4	- ( - ,
Murangarua Murangarua Nyandarua Nyeri Nyeri Kwale Kwale Kwale Lamu Mombasa Taita Taveta Tana River Fanbu	30.4	25.3	55.0	,	•	0.5	1.8	4.6	4.0	- <u>-</u>	511
Nyandarua Nyandarua Nyeri Coast Kwale Kwale Lamu Mombasa Taita Taveta Tana River Fanhu	30.0	200	37.1		2.7	6.0	12.6	1.6		1.5	1.5
Nyandarua Nyeri Coast Kwale Kwale Lamu Mombasa Taita Taveta Tana River Fanhu		1.02	0.00	57	01	1.1	4.8	6.9		6.9	1.1
Nyeri Coast Kuliti Kwale Lamu Mombasa Taita Taveta Taita Taveta Fasteri Fashi	1.05	0.40	10.02	ò	64		3.1	0.8	0.0	1.2	2.6
Coast Kilii Kwale Lanu Mombasa Taita Taveta Tana River Eastern	6.65	1.20	7.76	4.01		6.0	0.7	2.5		8.6	2.2
Kilifi Kwale Lamu Mombasa Taita Taveta Tana River Eastern Fembr	59.2		11.0	7.5.1			5	66		9.8	1
Kwale Lanu Mombasa Taita Taveta Tana River Eastern Fruhu	57.4		9.2	0.11		•				24.0	,
Lamu Mombasa Taita Taveta Tana River Eastern	22.5		5.6	44.1	0.0	1	•				12.2
Mombasa Taita Taveta Tana River Easteri	60.8	19.2	,	2.0		3.3	0.0	28.2		-	777
Taita Taveta Tana River Eastern	94.3		1	-		•	ŀ			1.1	ì
Tana River Eastern Fruthu	55.4	54.3	31.6	•	1	1.1	5.8	,	0.4	0.7	•
Eastern Fanihi	23.0		63.2	6.1	•	0.8	•	2.7		•	<b>6</b> .4
Eastern	25.1		37.4		0.5	2.1	8.1	3.2		4.0	1.4
	727	40.8	20.4		1.0	3.1	5.9	0.6	10.3	8.3	6.0
		202	41.0		6.0	6.0	1.3			0.6	0.8
ISIOIO			589	8.5	0.3	1.2	0.5	10.1	3.2	0.9	1.5
Mai	10.7		1.00		<b>t</b> 0	4.2	6.0	1.6		9.6	3.4
Machakos	4.01	4.07	4.4.0	5 C Y L		0.5	52	15.5		21.5	2.6
Marsabit	1.85		C')				15.6	04	6.7		,
Meru	62.5		14.9		7.0 7	7.3	20			1.2	1.1
Makuci	16.7		54.7	0.0	<b>C</b> .1					15	0.8
Tharaka Nithi	32.2		38.2	'	•		2.2			0.61	50
North-Eastern	16.9	12.7	13.5		•	0.7	2.5		10.1	6.01	6.3 V 3
Garissa	31.8		10.9		1	1.0	2.2			1.0	
Mandera	8.2	6.5	28.5		•	•	1.5		14.1	0.V 7. 7.	\$*0
Waiir	9.4		2.8	38.6	•	0.5	1				
Mirrow and	28.1		24.8		3.0	10.1	22.2			1.5	50
IN Yan Ka	315		17.7	-	1.1	25.4				1	0.2
	L C7		37.6	2.7	0.5	0.6		1		5.4	1.1
Nauma	202	, ,	7.1	27.5	3.6	16.8	13.7	7.8	10.2	11.8	Ŧ
Slava	10.01	0.8	5 82	22.0		'			15.0	7.3	1
Homa Bay			0.00	2.04	56			•	21.5	1.2	0.5
Migori	0.0			i			5 65	14.9		3.1	•
Nyamira	39.0	0.4	3.0		2						

						Main Source of Water at Present	Vater at Present				
	Safe Water	Piped water	River	Lake/Pond		Protected	Unprotected	Protected well	Unprotected	Borchole	Other
	at Present			/Dam	catchment	Spring	Spring		well		
		Per cent	l'er cent	Fer cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Rift Valley	41.6	25.0	32.4	4.1	7.0	2.6	9.9	6.9	6.1	3.9	1.9
Kajiado	63.1	60.1	11.4	6.8	0.5	2.1	1.3	0,4	5.7	9.8	1.8
Kericho	32.0	15.7	57.4	1.0	3.4	5.6	3.9	7.2	1.9	3.1	0.8
I zikipia	29.0	26.4	33.8	18.6	1.8	1	2.3	0.8	15.7	0.3	4.0
Nakuru	71.4	44.8	21.1	2.4	21.9	0.7	0.8	4.0	0.5	3.1	0.6
Nandi	32.5	18.4	28.4		1.2	8.8	31.0	4.1	3.6	4.3	0.3
Narok	24.9	10.5	38.4	12.7	4.2	5.7	15.1	4.6	3.3	1.0	4.6
Bomet	28.3	13.1	23.6	6.8	11.7	1.5	30.3	2.0	3.1	1.3	6.6
Baringo	22.8	8.1	51.2	9.2	9.4	4.6	13.5	0.7	0.6	1.8	0.8
Elgeyo Marakwet	21.0	12.0	58.0	,		0.7	16.6	8.3	1.2	2.4	0.8
Samburu	38.0	37.1	30.5	5.9	6.0	•	5.0		10.6	5.4	4.5
Trans-Nzoia	24.9	14.5	28.1	0.8	1.1	E.0	4.6	0.6	20.8	14.7	6.0
Turkana	46.8	34.6	7.9	0.5	0.0	3.0	2.4	5.2	29.8	12.5	
Uasin-Gishu	57.8	23.1	21.2	0.3	0.2	0.5	2.9	34.0	16.3	0.6	6.0
West Pokot	6.0	3.5	63.1	0.2	0.6	1.7	28.7	•	•	1.3	0.6
Western	42.9	14.0	9.1	0.0	4.3	14.1	17.0	10.6	9.4	18.1	3.5
Bungoma	41.9	26.6	7.8	-	0.4	9.6	14.1	5.4	3.8	23.6	8.8
Busia	27.1	3.8	5.6	0.3	0.2	13.9	17.6	9.2	9.5	39.5	0.4
Kakamega	60.5	13.2	8.2	•	4.8	11.8	25.4	10.6	8.8	15.1	2.0
Viltiga	60.1	7.3	15.0	•	11.2	23.9	5.2	18.1	17.4	-	2.0
Rural	32.5	17.3	30.5	6.6	3.9	5.6	12.6	5.8	8.2	7.7	1.9
Urban	93.3	90.2	3.1	0.0	0.3	0.4	0.7	2.3	0.7	0.7	1.4
Total	44.9	32.1	24.9	5.3	3.2	4.5	10.2	5.1	6.7	6.3	1.8

Table - 5.2.1 (2/2) Percentage Distribution of Households with Access to Safe Water and Main Water Sources at Present by District

Access to safe water supply includes treated surface water, untreated and uncontaminated water sources such as protected springs/well, piped water and roof catchment. Access does not mean availability/reliability of water supply. Note 1) Safe water access :

"0.0" means negligible.

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The Aftercare Study on the National Water Master Plan

IV - T - 36

ROVINCE	CODE	DISTRICT	DAM	PAN	REMARKS
lairobi	110	Nairobi	23	2	
entral	210	Kiambu	22	3	
	220	Kirinyaga	0	0	
	230	Murang'a	2	0	
l.	240	Nyandarua	30	0	
•	250	Nyeri	30	47	
lub-total			84	50	
oastal	310	Kilifi	14	13	
	320	Kwale	22	36	
	330	Lamu	2	4]	
	340	Mombasa	0	0	
	350	Taita	14	143	
		Tana River	0	5	• • • • • • • • • • • • • • • • • • •
Sub-total			52	201	
astern	410	Embu	14	0	
	420	Isiolo	0	22	
1	430	Kitoi	151	0	
	440	Masaku	64	0	
	450	Marsabit	5	32	
	460	Meru	9	11	
1	470	Nyambene	3	2	
Ì	480	Tharaka Nithi	7	q	
	490	Mwingi	78	q	
	4A0	Makueni	44	0	
Sub-total			375	67	
North		1			
Eastern	510	Garissa	0	48	
	520	Mandera	40	0	
	530	Wajir	0	- 24	
Sub-total			40	72	<u></u>
Nyanza	610	Gusii	0	0	
1	620	Kisemu	15		
1	630	Siaya	2		
	<b>64</b> 0	Homa Bay	29		
	650	Migori	40		
	660	Nyamira			
Sub-total			116		
Rift Valley	710	Kajiado	11		
	720	Kipsigis	6		
	730	Laikipia	216	1	
	740	Nakuru	78		
	750	Narok	11	1	
	760	Trans Nzoia	10		
	770	Uasin Gishu	35		
	780	Bornet	87		
	790	Transmara			
	810	Baringo	33		
	820	Elgeyo Marakwel	1		
	830	Nandi	1.		
	840	Samburu	2	18	
	850	Turkana		·  ·	Allthe dams in this district are silted
	1		1.		up. It is not economical to
	860	West Pokot		$\frac{46}{333}$	
Sub-total					
Western	910	Bungoma	4		3
1	920	Busia	1		
1	930	Kakamega	5		Ĵ
	940	Vihiga		2	]
Sub-total			11		
TOTAL		1	1,35	9 825	5

# Table - 5.2.2 Number of Dams and Pans in Kenya

Source : Inventory of Dams and Pans in the country, July, 1997 Edition, Ministry of Land Reclamation, Regional and Water Development

								•				· ·				
L	-	-		Anthread .				Ungoing					Plance	"liancd/Draightd		
District	iei District	Urhen Centre Code	Name of Urhan Scheme	Source of Wairr	Design Cauacity (m <sup>7</sup> /day)	Population Served	Project Name	Originat Cost (YCt) S	Physical Status (%)	Devign Capacity (m <sup>3</sup> /dav)	Design Population	Project Nanie	Source of Water	Estimated Cost (NC)	Design Capacity (m²/dav)	Design Population
2	Varight	- >	Nairobi	kikuyu Sprinks . Saaumua. Ruiru, Thika, & Chania	319,000	1,744,577						Sunstime Sec. School	HAT			
	S.th. fold	_		vilue/1	000'610	1.744.577		<b>1</b>	<b>†</b>					in I	10	9
8	(Kambu	10.2	Gihungari	Horehale		000 <sup>1</sup> V		1		†—-		Gilhungurì Cia IGirhamu	Sprink		011	1,000
		1.1	Kanti	ltorehole	024	15,000			1-	1-		Karuri	RM		NE	Ne Ne
		U-4	Kianthu	Pipeline offacto &	\$	4,054		+   	2	1.650	16,600					
							Kiambu Ruraf	650,000	20	1 536	5259					
		0.5	Kikuyu	Borehole	1,276	4,586			 			Kikuyu Div, W/S (Muguga)	Kiver, BPH	4,416,000	00	102,000
		5-2	Ndumberi													
		0 · 8	Kuiru	Kuiru River	702	000709	60,000 Ruizu	220,000	8	3,660	24 <sup>,</sup> 460					
		4.0	Thike	Thike & Chenia Kivres	36,660	120,000		-								
	Virbutotal				40.204	220,644		00000		1 335 4	47,633			ia alo 000	480	105.000
ភ	Kirinyaga	a-n	Kerugoya	Rutui Kiver	1,200	SILA				 		Kutaa/Kimbibi	River			57
		ti - D	Kuun	Pipeline offiake (Ndia	912	1,234										
		01 · 10	Wanguru	Thiba Niver	1,512	£8	Wanguru	173,000	3	450	3,000	3,000 Wenzuru Major		:25,000,000	14,000	12%,004
	Kuth read al				2.055	10.116		175,000 -	Ť	450	3,000			25,000,000	16,000	24,004
ş	Muranus	111.10	Adale struct	Rocehole	092	96				-						
}	4 9	0.20	Maragua	Borehole	8	6,200						Marngun Nuder	Maragua Rüver	NR	606	25
												Maragua W/S	Maragua River	toc wir II	12,605	10.029
-		18 - 5	Muranga	Mathicys & Knyshwe Rivers	2,000	24,000	Muchae	\$,000.000	8	3.4%	23,250					
_	Sub-total				2,456	20,800		5,000,000		AAAA	052'87			1,336,201	2,295	16.629
340	Nyandarua	x: - ^	Nyahusturu	River	1000 E	000'05										
	-	0.0	OI Kalou	Boreholes	07	000'0	0,000 Ot Katau	125.000	8	60E%	20002	Olkalay Rural	River	20,000,000	2	20,000
	Suh-lotal				3,220	2000/63		125.000		000010	22,062			20,000,000	ç	20,000
ŝ	Nyeri		Endersha	Kamigogo River			Enderschis Settlement	044,000		2,400	16,000				-+-	
	•	ŀ	Karatina	Ragali Kiver	1,300	14,533									_	
_		<u>ر</u> ، بر	Nyari	I Chania River		40,004				Ţ						
			Orhaya	i Cakies River & Borehole		14,000				5	000 81					
	Suh-tetal				14,240	64333		(00)****	Ť	1	non al					
310	Kaifi	5- 38	<b>K</b> 240	Pipeline Offiake (Muima Springs)	4,300	2011/06										
		0.39	Majeringo							Ì						
		U - 40	Malindi	Sabaki River	15,965	141.293					Ţ					
		0-41	Mambrui	Well	_	2,000	2,0001	000 000	5	460		TA OON MARINA SALANI PARA	Pembe Neuro	000 51 5	102	5.500
		4-0	Mariakani	Pipeline Officke (Sebeki  Fipe line)		1,200	Mariakani	monne	2	3	2004		Pipeline			
		U-43	Watamu	Pipeline officks		6,375	_			Ī					.04	

Table - 5.3.1 (1/6) Water Supply Projects for Urban Water Supply (UWS)

IV - T - 38

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Crutici Code         Datrici- Litura         U-tan Kweie         Neme of Uthan Schente           320         Lama         Lama Lanks           330         U-taf         Kweie           340         U-taf         Kweie           350         Lama         Lanks           350         Lama         Monthhermi           350         Lama         Monthhermi           36         U-taf         Kweie           37         U-taf         Monthhermi           36         Normhan         U-taf           37         U-taf         Monthhermi           38         U-taf         Monthhermi           38         U-taf         Monthhermi           39         Normena         U-taf           30         Tan         U-taf           30         Tain         U-taf           31         U-taf         Not           32         U-taf         Monthener           32         Interia         U-taf </th <th>Dann Source of Water Benere Spring Mattere Spring Mattere Spring Weils Station Weils Station Station Weils Station Weils Station Weils Station Weils Station Weils Station Weils Station Station /th> <th></th> <th>Poppatation Surved 3.005 1.003 1.003 0.0000 0.00000 0.00000 0.0000</th> <th>Project Name Lamu/Macowe Augusterssision Macowe Roof Calemanen</th> <th>Original 5 5 564</th> <th>2 Status (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)</th> <th>Design Capacity Capacity Catalogue 2,000 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,</th> <th>Сечіда Рорцяціал 117, 409 117, 400 117, 400 117, 400 117, 400 117, 400 117, 400 117, 400 110</th> <th>iji A Projee Name Ition Projee Name 27.033 Tanatamu Water 27.039 Supply 16 Supply 16 provention Network Catiliaulion Network Entervion (Membus and Castili Arm)</th> <th>Source of Water Twi, Murine, Sebelli, Marrie</th> <th>Vater Zonst Const (CC)</th> <th>Design Caparity (m²/day)</th> <th>Design Population</th>	Dann Source of Water Benere Spring Mattere Spring Mattere Spring Weils Station Weils Station Station Weils Station Weils Station Weils Station Weils Station Weils Station Weils Station Station		Poppatation Surved 3.005 1.003 1.003 0.0000 0.00000 0.00000 0.0000	Project Name Lamu/Macowe Augusterssision Macowe Roof Calemanen	Original 5 5 564	2 Status (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	Design Capacity Capacity Catalogue 2,000 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,2 2,000 2,	Сечіда Рорцяціал 117, 409 117, 400 117, 400 117, 400 117, 400 117, 400 117, 400 117, 400 110	iji A Projee Name Ition Projee Name 27.033 Tanatamu Water 27.039 Supply 16 Supply 16 provention Network Catiliaulion Network Entervion (Membus and Castili Arm)	Source of Water Twi, Murine, Sebelli, Marrie	Vater Zonst Const (CC)	Design Caparity (m²/day)	Design Population
de Dahtici Uthan de Kwate Code Sub-tenta Sub-tenta Monthaaa U-52 X Monthaaa U-52 X Monthaaa U-52 X Monthaaa U-52 X Monthaaa U-52 X Monthaaa U-52 X Monthaaa U-55 U U-56 U U			8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8						Prejeet Nume and/amu Water upply Statibulian Network Antension Adombusa digovernan and Antension (Mombusa and Cost.)al Arm)	Source of Water Twi, Mismu, Sabaki, Marrie	8 9 9	Capacity (m <sup>3</sup> /day)	Population
Kundle U - 44 Kundle U - 44 Subs-rotai Larma U - 47 Larma U - 47 Kubs-rotai Nuts-rotai Nuts-rotai Nuts-rotai Taina U - 55 Subs-rotai Taina U - 56 Subs-rotai U - 56 Kubs-rotai U - 56 Kubs-rotai		7,000 2.20 6.24 7.8444 7.8444 7.8444 7.8444 7.8444 7.8444 7.8444 7.8444 7.8444 7.		Manuer Manue	900 10016				inn/Lamu Wuter Lan/Lamu Wuter Lan/Lamu Wuter Anti-to-to-to-to-to-to-to-to-to-to-to-to-to-	Tiwi, Mirime, Stebaki, Murree			
Nath-renti     U - 45       Safth-renti     U - 45       Safth-renti     U - 47       Lanna     U - 47       Safth-renti     U - 49       Safth-renti     U - 55       Monthaaaa     U - 55       Subh-renti     U - 56       Subh-renti     U - 56       Subh-renti     U - 56       Subh-renti     U - 56       Subh-renti     U - 60       Subh-renti     U - 60       Subh-renti     U - 60       Subh-renti     U - 60		2.20 (2.3) 7.644 7.644 7.60 1120 120 120 2.000 2.000 1.466 1		And And And And And And And And And And	A.000 A.000	\$ 8	2.064		Land, amu Wuter Land, Network Annion Network Annion (Mombus Annion Arm)	Truč, Mirme, Sabeki, Marree			
Vi-45         Vi-45           Sub-tenal         Vi-45           Lamu         Ui-47           Lamu         Ui-47           Sub-tenal         Ui-47           Rub-tenal         Ui-47           Sub-tenal         Ui-47           Sub-tenal         Ui-47           Sub-tenal         Ui-47           Sub-tenal         Ui-47           Sub-tenal         Ui-55           Sub-tenal         Ui-56           Sub-tenal         Ui-56           Sub-tenal         Ui-56           Sub-tenal         Ui-56           Barburu         Ui-56           Sub-tenal         Ui-56           Sub-tenal         Ui-60           Sub-tenal         Ui-60		200 71,000 71,000 70,000 70,000 70,000 70,000 7,100 1,444 7,100 1,444 1,444 1,444 1,444 1,444 1,444 1,444 1,444 1,100 1,000		min/Moowe weensilon kover hoof Gacmen	30,7016 30,7016	<u>\$</u>	2 2000		indulamu Water ingular Water intesion Network mptoronent and demison (Mombus ind Cossial Area)	Tiwi, Mirine, Steberki, Murree			
Number     U - 46       Sub-retrait     U - 47       Lama     U - 47       Sub-retrait     U - 52       Monibasia     U - 52       Sub-retrait     U - 56       Sub-retrait     U - 66       Sub-retrait     U - 66		7,844 7,844 120 120 005 700,000 700,000 2,044 1,4444 1,4444 1,4444 1,4444 1,4444 1,4444 1,4444 1,44444 1,44444 1,44444 1,44444444		mu/Mcowe yyammaialaon Kowe Koof Carennem Kowe Koof Carennem	AC 200	\$ <u>§</u>	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		and/Lamu Weirr Lupply Shuribulion Network Anensione (Nombusa Ind Cossial Arm)	Twi, Mirin, Sebaki, Marce			
Sub-total Larna Sub-total Sub-total Nonmaaa Nonmaaa Nub-total U- 25 Sub-total U- 25 Sub-total U- 25 Sub-total U- 55 Sub-total U- 55 Sub-total Sub-total U- 55 Sub-total U- 55 Sub-total Sub-total U- 55 Sub-total Su		7,844 515 515 515 20,000 70,000 2,961 2,961 2,961 7,160 1,466 7,160 2,261 2,275 2,261 2,261 2,261 2,261 2,261 2,261 2,261 2,261 2,275 2,27		nu/Mcore Magentalion Korer Roof Carennen	383,61A	\$ <u>6</u>	2 044		andriamu Water uppy, Shtribulion Network approventient and Sternions (Membusa ind Cossili Arm)	Toui, Mainu, Sabadi, Marree			
LANNA U-47 LANNA U-47 Nuch-resets Nuch-resets Nuch-resets Nuch-resets Taila U-55 Such-resets U-56 Such-resets U-56 Such-resets U-56 Nuch-reset		915 120 120 005 005 70,000 2,000 2,000 7,100 7,100 1,440 7,100 2,200 2,200 4,056 4,056		unachhaole Nuachhaole Aonr haol Gatennem kowr haol Gatennem	4000 γου 10010 10000 1000	\$ <u>8</u>	7 000 7 70000 7 70000 7 7000 7 7000 7 7000 7 7000 7 7000 7 7000 7 7000 7		upply initialian Network approvement and Brennion (Networks) and Cossial Area)	Timi, Mirmu, Sabaki, Murree			
Sub-totel     U - 40       Sub-totel     U - 52       Monhaan     U - 52       Sub-totel     U - 52       Sub-totel     U - 56       Sub-totel     U - 66       Sub-totel     U - 66		120 120 045 045 70,000 2,944 7,160 7,160 100 100 100 100 100 115 115		putatertainuon kouver hood Catemment	391,016	<u>8</u>	2,000		Anribolion Nerwark anprovenent and Strendoro (Neombras and Costul Area)	Timi, Morrie. Marrie			
Nuch-seen         U-49           Sub-seen         U-52           Noomhaas         U-52           Sub-seen         U-55           Sub-seen         U-56           Sub-seen         U-66           Sub-seen         U-66           Sub-seen         U-66           Sub-seen         U-66		130 70,000 70,000 70,000 1,4,441 1,4,4			ALLOIP				Auribulian Nerwark nproventari and Greenione (Nombuas nad Caesial Arm)	Tiei, Mzimu, Sebeki, Marrie			
Stath-total         U-52           Montheats         U-52           Montheats         U-52           Sub-total         U-55           Sub-total         U-56           U-56         U-56           Sub-total         U-56		70,000 70,000 70,000 2,001 2,001 1,400 7,100 100 100 100 110 110 110	001.7 001.0 001.0 001.0 001.0 001.0 000.0 00		8101.85 101				Auribuinan Netwark Ingeventient and Strensione (Mombuss ind Cossili Aren)	Twi, Mirinu, Sebaki, Marece			
Sub-repair         U - 52           Moonhuun         U - 52           Sub-repair         U - 55           Sub-repair         U - 56           Sub-repair         U - 60           U - 64         U - 64		70,000 70,000 2,981 2,981 2,981 1,446 7,160 1,446 7,160 2,26 2,26 4,056 2,26 2,26 2,26 2,26	900,70°E 907,00°E 907,00°E 907,00°E 907,00°E 907,00°E 900,00°E 900,00°E 900,00°E						Xiaribulian Network Ananor (Mombus Ananor (Mombus Ananor (Mombus) Ind Costal ( Arr)	Twi, Milmu, Sabaki, Marree			
Montheese         U - 52           Nuth-totki         U - 54           Nuth-totki         U - 56           Suth-totki         U - 56           Image: Suth-totki         U - 61           U - 61         U - 61		700,000 700,000 2,044 2,044 1,4444 1,4444 1,4444 1,4444 1,4444 1,4444 1,4444	907,076 947,076 947,076 908,0,6 907,05 900,05 900,05 900,05 900,05 900,05 900,05 900,05						in proventent and Strensione (Mombusa ind Costruit Arm)	Marrie		344,400	1699,000
Num-retel         Num-retel           Num-retel         U - 35           Tana Korer         U - 55           Num-retel         U - 56           Sum-retel         U - 56		70,000 2,961 2,961 1,466 7,169 1,466 7,169 2,26 2,26 2,26 2,26 4,036 4,036 4,036	770,7764 34000 20,3400 70,000 70,000 10,000 10,000 10,000 10,000						nd Costilli Ares)				
Sub-total Tain Tain Sub-total Sub-total U-55 Sub-total U-56 U-56 U-56 U-56 U-56 U-56 U-64 U-61 U-64		70,000 2,981 2,981 2,700 7,100 7,100 7,100 7,100 7,100 7,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,0000 1,0000 1,00000000	70,000 000,000 000,			╶╋┽╌╌┼╋┽┼	╶╂┉╄┯╍┾╌╀╌┼╌╎╸╄					OTALANO	2.609.000
Taina (1.1 - 3.4 Taina (1.1 - 3.4 Sub-total Sub-total U-56 Sub-total U-56 Sub-total U-56 Sub-total U-64 U-64		2,9441 2,700 2,700 1,4441 7,146 1,44411 1,4441110110000000000	20.20 20.20 20.20 20.20 20.20 20.20 20.20 20.20 20 20 20 20 20 20 20 20 20 20 20 20 2									Constant of	
Talia Talia Sub-total Than Klover U - 56 Sub-total U - 60 U - 61 U - 61 U - 64		1,466 1,466 7,166 1,466 1,466 1,466 1,466 4,056 4,056 4,056	20.000 0.000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000										
Sub-tiolal Sub-tiolal Thon Kover U-56 Sub-total U-50 U-50 U-60 U-61 U-61 U-61		1,444 1,444 1,000 100 100 100 4,056 4,056	A,000 A,770 10,000 9,000 19,000 33,000				╺╄╌╂╌┼╌╎╸╂						
U. 56           Tana Kover           Tana Kover           U. 50           Wahronal           U. 50           U. 50           Kuhronal           U. 50		1,404 7,100 100 228 4,036 4,036	K.000 33,760 10,000 9,000 19,000			╏	╂┼╌┝╊						
Sub-rotat Thom Kover U-58 Sub-rotat U-60 U-61 U-61 U-61 U-65		7,140 100 228 325 4,058 4,058	32,700 10,000 9,000 19,000				+- -+			_			
Numerona         Unerona           Tana Kuver         U - 58           Kuhenal         U - 58	Tana River Tana Rivee Pipeine Ottake (Embu	100 228 235 4.05A 4.05A	10.000 9,000 19,000								0.0000	1 100	15,000
Than kweer 10.1599	Tana River Pipeinae Offiake (Umbu	228 228 4.058 135	0,000 0,000,00 0,000,00						Guisen			1 100	100.01
Nutrional Urrisonal Urrisonal Urrisonal Urrisonal Urrisonal Urrisonal	Pipeline Officke (Umbu	3.25 4.058 135	000'61						Hnia	İ	WAD (KM)	1	200
Sub-rotal Uminu Sub-total Num-total Lando U-64	Pipeline Officke (Embu	4,058	000'N		-		-				3,450,000	1000	N
Umbu U- 60 Number Haida U- 60	Pipenne Ottake (Emou	Set 1	~~~~			-		1	Embu Water Supply				
U- 61 Hindla		135				-	_						
Num-total Inicida U - 64	Fine Super-		4,2/4										
V - N		4,193	70, 244				-						
10	Pipeline Offiake from	4.350	36,000										
	EWALO NYING WARE SUPPLY												
t			2	Madogashe W/F	11,000	8	1.050	7,000					
	Formhole	95	1.173		-	-	_						
- n		4.425	21.75		11,000		1.050	7,000					
Ţ	- Itation	10001	11,000	Maninga Kitui Water	2,800,000	20	5,619	237,089					
			St	Supply									
A started		000'0	11,000		2,800,0001		2,619 1	680'212		at a filter of the		1 60	10.764
Addit Materia 10.69 Athi River	Pipeline offiske	1000	12,500						Athi Kwer Waler Superio	1001 101200			_
								ĺ	Machakos Uthan Wat	er i Nol Turcahu and		8,200	105,644
U-71 Machakos	Dam an maruba Kiver	5,800	000'09						Supply	Spring - Maruba Dan			
Ţ	Value Canal	480	10,000										_
U-74 Multur	ļ	111	4,500							-	-		1
Ì			200.01										-
U. 77 This	- Porchole	001	000/01							-	Q	111,600	125,648
Sub-trial		A721	117,000			ł		4 200					
11, 70	Barehole	1801	A 000 J	(ergi	200YZ	3	2						-
	Shallow well		&000 Karr	Cotr		67	A25	\$,500				400	NN X-
1		0.2	19.750 Murtabil		V,X	40	3,750		Marabit	Springs	2.000	100	
ļ	ĺ		100001	ime	35,600	102	1,272.1	5500					
			1000										-
U - R4 North Hor	r ( Shallow well		6 SOU Salala	tololo	24,000	8	8	K 600					
		;	~~~~								-		1000
	ed who have	141	034 750		57,800		7,785	\$1,900			15,000	1411)	

# Table - 5.3.1 (2/6) Water Supply Projects for Urban Water Supply (UWS)

	-	-	_	EXende				Chgoing								
District Code	District	Center Code	Name of Urban Scheme	Source of Water	Draign Capaci (m <sup>2</sup> /day)	Population Served	Project Name	Original J Covi Si	Physical Status (Tb)	Design Capacity (m²/dav)	Drsign Population	Project Num	Source of Water	Cost (KD)	Design Capacity (m?/dav)	Design Population
ž	Meru	98 · D	Meru	Garahara Spring & Kathita River	4, 730	000'91										
		U. M	Nkubu	Thingithu River		5,000										_
	Sub-total				650'5	21,330										
470	Nyambene	10.89	Maur	Mhoone afream	00*	212.2				-						
	Suh-total				00#	2,372			-					_		
480	Tharaka Nihi	10.01	Chuke	Tungu River	350	UNS'L			-			Chuka	Kiver	NAE	000/1	20,740
	Sub-total				305	7,560									1,000	24,740
ş	Mutagi	16-0	Muingi	Tyna River	006	12,000				-				_		
	Sub-total				200	12,000			~	-				-	-	
044	Makueni	16-D1	Khwezi													
		1U - 98	Milia Andri	Ummyi Springa	3,000	15,000										
	Sub-total				3,000	15,000								_		
015	Christe	U- 104	Ourissa	1 Tana River	1,440	34,756	Christen	10,090,000	7	8071	8				-	
		U - 105	Lihei		123	0 IV			Ì		40.000					
	[Nuh-tota]				1.543	40,014		10,078,000		1000	0.01					
2	Mandera	11-106	Fiburak	Horman			Hiwak	400,000	3	3			C P. DA	1 72 000	1001	50.000
		U-109	Mandem	Ebrehoie	500	A.160	A. 160   Mandara	2001002	2			STADIAL STA		1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1		
	_	10-110	Rhamu	Ekstehole	140	A.000	A,000   Khamu	200,000	2	3				1 416 000		20.000
	Sub-total	1			640	16,160		1.600,000		8	2001			non-letter 11		
930	Wajie	U-113	Bule	Borehole	557											
		111 O	Eldas	Borehole	\$	5,000			-						-	
		U-116	Wajir	Shallow Wells	ş	1,500								_		
	Sub-total				215	0°500										
010	Gusti	411-N	¥6	Guena River	6,000	45,000										
	Nub-tojat				6,000	45,000										
020	Kinumu		Ahero	Borehole	52	797				-						
			Kisumu	Lake Victoria & Xibos River	14.565	200,845										
			Materio			30,000				-	-					
		11-5 -5	Munoroni	Nyendo River	720	2,000						Songhor/Muhoroni W/P Kiver	Kiver	300,000	1,400	20'000
	Sub-total				15,306	316,309								300,000	1,400	0000
0.0	Siaya	621-0	Asiro						╡		Ī				2.404	201.02
			Sigya	Abura Dam on Nyamwin River	110	9X.11						Kenamination and Augmentation of Sixya Water Project	U Matura A			
	Sub-trite!				9.4	0#6'11									2.695	20,304
9	Home Hey	10-120	Home Bay	Lake Victoria	1,500	43,000										
		001-0	Kendu Bey	Awach Kiver	720	¥0,000										
		11 n	Meite													
		U-133	Oyugia	Awnes River	5,760	000'00				·						
		_			1000	1000 E			+		T					

Table - 5.3.1 (3/6) Water Supply Projects for Urban Water Supply (UWS)

														and the second second		
				en le suite de la				Cnke	ink.				1001	Manned, Levigned		
District	District	Centre Corte	Name of Litsan Schene	Suurce of Water	Design Capacity (ni <sup>2</sup> /day)	Population Sarved	Project Name	Original Cost	Physical Status (*b)	Design Capacity (m <sup>3</sup> /dav)	Desiya Population	Preject Name	Source of Water	Estimated Cont	Design Capacity (m <sup>2</sup> /day)	Draiga Population
50	  Migori	wT-0	Awar	No existing Water supply								Awendo	Niver	010'010	000,021	000/00
		,		Syntem		1000						Migori/Kehancha	Kiver		150,000	200,000
		0.138	Kenhacha	DITUR LAN								Kehancha	Dam	\$00,000	051	10.000
				Bushola	008	123						MgoriNdhiwa	Kiver		120	200 000
		61.0	Www.kave													
		W1-0	Rongo		492	4.142				ſ	T			11.600.000	172 500	260,000
_	Sub-rolat				1,501	2151				ľ						
099 999	Nyaanira	001-0	Keroka	Chirichini Kiver(1KB)					+		Ī	Numira UNS &	- Kover	250,000	2.064	133,000
		0.140	Nyamita	Bynka Kiver	466	000721						Sewerage			_	
	Sub-Intel				964	17,000					T			0007052	#Cij7-	
210	Kajiwto	10-141	Kajindo	Notturnah pipeline offtake	2,000	000'S										
	•			& Barchole		0.001										-
		U - 142	Magadi	- Oloibar river	UNL	4.500						Namaga	Kiver		E Z	NE
		U - 143	Madianga	Oldenvo Criok springs	20							Nemenga		-	450	
				Basthale	092.1	6.000	6.000 Ngong	000'009	8	450	3,000	Mong	Spring		A 000	13.000
	-	1.144	Shong	2XIICUUR								Ngong	Borehole		1460	
				I Nuclear L Conference	1.6401	20.000						Konya (Lollokick)	BMH		BZ	- Ng
		<u>-</u>	Lotokrick	CAOL 1 UPEN CONTRACT								Laitoktok	Spring		8	
			Octate 1 Acres	Meanerhi River	3,600				8	A00	20,000				Qab a	1000
	6. h. cout	4 I I I	CURATE TROOPER		10,444			600,000		3450	00015				(VMA)	
	000000			Tranhiti Breer	Q9490				-							
2	Kupanga S	- 140 - 140	Keneno	River	48		łüpkelion	634,206	8	1.425	9,500		_			
		151-11	Inndiani	River	. 756		4,000 Londiani	042.376		1,737	CVC'II	2-12-1 				
		0.152	Sotik	Kipsonoi Kiuse & Pipeline												_
				OITBKE	1920			1,320,584	7	3, 162	21,063			-	-	
1	NUB-LONG	111-153	Nexuti	Liki River	6,600	43,100								ac 0 000		1 364
		U- 134	Kumuruti	- Birrehole		3200						Kumurut Kumi	Kuer, UMP, DY	000 000	1.00	12,000
														550,000	1,378	13, 356
	Sub-total				6,800				   							
740	Nakuru	· U - 155	Elburgon	Borsholes	166				T							
		U - 156	Giuii	Muradii & Malewa rivera		\$,000								-		
		U- 157	Mala	Nguso springs &	\$11	10,000					_					
				Borcholes					- 							
		U-156	Neivasha	Horeholes					<b>†</b>						~	
		V-159	Nakuru	Mereroni & Malewa rivera Kabatini & Paharini	ñ											
				horeholes	14									-		_
	_	11-160	Nore	Enrehotes		100110							-	-		
	Sub-total				31,851											

Table - 5.3.1 (4/6) Water Supply Projects for Urban Water Supply (UWS)

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The Aftercare Study on the National Water Master Plan

(1)         The second function         Second function         Control         Proprior function	l																
0.         Dist         Dist (Li)         Dist (Li) <thdist (li)<="" th="">         Dist (Li)         <thdist (li)<="" t<="" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>-</th><th></th><th></th><th></th><th>1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.</th><th>2</th><th></th></thdist></thdist>											-				1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	2	
Notest         Link         Name         <	District		Urhan Contre Gode		Source of Water	Design Capacity (m <sup>3</sup> /day)	Population Served	Project Name				Design Population	Project Name	Source of Water	Extimated Cost (KE)	Capacity (m <sup>3</sup> /day)	Puputation
						1											
New New New New New New New New New New	2	Narok	10. 10.	Narok	MARDE FIVER & APPINE	0.1											-
Transmit         U. I. I. I. I. I. I. I. I. I. I. I. I. I.		Sub-total				1,215,1	12,000	-									
Marching (Marching)         Control         Description         Description <thdescription< th=""></thdescription<>		Trans Nypia		Kikle	Nroia River	12.749	000'09										
United         Description         Description <thdescripic< th=""> <thdescription< th=""> <thdes< td=""><td>1</td><td>Sub-ream</td><td></td><td></td><td></td><td>17.74V</td><td>10000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td></thdes<></thdescription<></thdescripic<>	1	Sub-ream				17.74V	10000									-	
U         Description         Control         Control <th< td=""><td>0</td><td>Usin Geau</td><td>C- 10</td><td>Blarnt Parest</td><td>Dam &amp; Boreholr</td><td>Ş</td><td>1.410</td><td>Burnt Porest</td><td>775,000</td><td></td><td>ŝ</td><td>1.610</td><td></td><td></td><td>200</td><td></td><td>COL C</td></th<>	0	Usin Geau	C- 10	Blarnt Parest	Dam & Boreholr	Ş	1.410	Burnt Porest	775,000		ŝ	1.610			200		COL C
10.10         Annue         Annue <th< td=""><td></td><td></td><td><b>%</b> 7</td><td>Eldaret</td><td>- Kaptagat, Eklorota, - Filikirini Rivnes &amp; Dam on Muihea Kiver</td><td>77,400</td><td>900'06</td><td></td><td></td><td></td><td></td><td></td><td>Kidorel Polytechnic</td><td>Koot Calchneel</td><td>000T2</td><td>a</td><td><b>N</b></td></th<>			<b>%</b> 7	Eldaret	- Kaptagat, Eklorota, - Filikirini Rivnes & Dam on Muihea Kiver	77,400	900'06						Kidorel Polytechnic	Koot Calchneel	000T2	a	<b>N</b>
10:10:10:10:10:10:10:10:10:10:10:10:10:1			U- 167	Lemak							-						
U.1.10         France         Contract (Septer)         With         Jana			U- 160	Moi Bulge	Netia Kiver	99	1,010	Moi's Bridge	1,000,000	197	1,500	000101					
(1):13         (1):13         (1):14         (1):15<			U-110	Sinus												-	
Statuti         L, 1%         Lyster         Lyster <thlyster< th=""> <thlyster< th=""> <thlyster< td="" th<=""><td></td><td></td><td>r.1.2</td><td>Turko</td><td>Confluence of Sergoit &amp;</td><td>8<b>6</b></td><td>2450</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thlyster<></thlyster<></thlyster<>			r.1.2	Turko	Confluence of Sergoit &	8 <b>6</b>	2450										
Tandarts         U-17         Upper         <		5 ab (2)			TOUR FUND	0.000	042 200		1.375,000		2,100	11.610			21,000	91,	1,300
Worksing         Worksing	Ļ	Transmera	0-174	Kigoris	Inpounded reservoir-	A64	V000			1-1-1-1							
Worker         Worker<			-		ALEAND					-				-			
Hurica         10.11b         End Marine         Channato Ender         (200)         South         (200)         Hurica         (200)         Hurica         (200)         (200		Suls-kital				<b>\$</b> 64	4000	-							_		
U-101         Kurturut         Kurturut <t< td=""><td>~</td><td>Нигино</td><td>0.178</td><td>Elda Ravine</td><td>Chemususu Kiver</td><td>&amp;,700</td><td>20,000</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	~	Нигино	0.178	Elda Ravine	Chemususu Kiver	&,700	20,000										
U100         NAM MARKIN         Nome Networks         200			0.176		Kapchenuawo Dana &	2,042	127,500										
1.11         Waren         Increasion         U.1         Waren         Manual         Manual <td></td> <td></td> <td>11 150</td> <td></td> <td>Kankar River</td> <td>360</td> <td>2,000</td> <td> .</td> <td></td> <td>ŀ</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td></td>			11 150		Kankar River	360	2,000	.		ŀ						_	
Internal         Internal         Normal         Nor			U- 181		Perakers Kiver	VOV.	912,1									I	
Name         Ur. 1X         Magnetic         Monolity         M									_								-
Worken         Worken         Worken         Marken         Marken <thmarkn< th="">         Marken<td></td><td></td><td>10.182</td><td>Magalia</td><td>  Mala River &amp; Porstrole</td><td>Sub Sub</td><td>210'S</td><td></td><td></td><td>Ì</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td></thmarkn<>			10.182	Magalia	Mala River & Porstrole	Sub Sub	210'S			Ì						-	
Antivitient         Interfact         Antivitient         Interfact         Antivitient         Antitent         Antitent         Ano		- NUT-INIA		1	Variation Environ 4		006-1						Iten Yogot Dum	River		12,850	19,000
Numerical Number         U-165         Kanule Form         400         1.000         1.000         Kanule Number         Kanule Number         Kanule Number         Kanule           Number         U-160         Kanule Number         Vumber         Kanule         Number         Kanule         Number         Kanule           Number         U-160         Kanule         Number					Bareholes											0 44 0	-
Number         U-106         Kupner/Kupuk         Kupner/Kupuk         Kupner/Kupuk         Kupner/Kupuk           Kun-nain         U-100         Wunc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           Subuku         U-100         Wunc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           Subuku         U-100         Wunc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           Subuku         U-101         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           Subuku         U-101         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           Subuku         U-101         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           Yupuk         U-101         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           Yupuk         U-101         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           Yupuk         U-101         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk         Munc, Yupuk           U-101         Munc         Munc         Yupuk         Munc         Munc         Munc         Munc           U-1		14101-0041				460	8. 1								_		100 A
Kuncuti         Contour         Contour <t< td=""><td>_</td><td>Nandi</td><td>n- 185</td><td>Kapsabet</td><td>Kabule River</td><td>924</td><td>2,000</td><td></td><td></td><td></td><td></td><td>-</td><td>Kapashet/Kipaigak Water Supply</td><td>K. Kahulir</td><td></td><td>110%</td><td>M<sup>ar</sup>ix</td></t<>	_	Nandi	n- 185	Kapsabet	Kabule River	924	2,000					-	Kapashet/Kipaigak Water Supply	K. Kahulir		110%	M <sup>ar</sup> ix
Surthuru         U. 16A         Mentation         Total         1.11         Non-         6.00         4.000         6.00         4.000         Montal           Surthuru         U. 160         Workse         Tot         10.11         10.00         4.000         4.000         4.000         Montal           Surtherial         U. 190         Kutuma T.C         Latticewerki.2         J. 400         30.000         4.000         6.00         4.000         Montal         2.00000           U. 190         Kutuma T.C         Interviewerki.2         J. 400         30.000         Lattice         8.000         1.00         6.00         1.00         6.00         1.00         0.00         0.00         1.00         0.00         1.00         0.00         1.00         0.00         1.00         0.00		Sub-tella				PZV .	7,000									110.4	
Number         Volume         Volum         Volum         Volum <td></td> <td>Samburu</td> <td>N- 188</td> <td>Maralsi</td> <td>Nundola Rarth Dam</td> <td>529</td> <td>2,173</td> <td></td>		Samburu	N- 188	Maralsi	Nundola Rarth Dam	529	2,173										
Star-tesi         Turkana         U. 100         Kakuma TC         1 atatiow verit, 2         Lubb         20,000         w.m.         Kakuma         Kakuma         Kuma         Kuma <td></td> <td></td> <td>081 - 01</td> <td>Wanibe</td> <td></td> <td>INI</td> <td>10,000</td> <td>Wamba</td> <td>nm's</td> <td></td> <td>3 3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			081 - 01	Wanibe		INI	10,000	Wamba	nm's		3 3						
Turban         U - 100         Kaluna T/C         1 atalion wells 2         U/000         2000         0         1.55         9.000         Montal         0.000         Montal           U - 101         Kalokol         Shilokol         Shilokol         Shilokol         1.55         9.000         Kalokol         0.000		Sub-total				710	12,173		80%		8		M. 44	Shullow Welt		002	20,000
U-101         Kultorian         T2         2.000         Kultorian         0.000         Kultorian         5.000         Kultorian         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000		Turkana	041 - A	Kakuna T.C	] ] attaliow well, 2 horeholos	1,080	000 77								and the t		
U-194         Lockman         U-500         Lockman         U-6600         No.00			101 - J	Kalokol	Shellow wells and Infiltestion values	22	1000	Kalokol	000'050	•	1.350	9,000	Katokol Contmunity W/S	Shallow Well	100,000	027	0,000
10.1 105         Laxiturung         Shallawa wells and influction aybry         240         4,000         Laxiturung         5,44         20000         201         5,44           Kuld-total         Influction aybry         2,804         5,000         2,815         0,024         2,804         5,000         2,844         2,0000         2,844         2,0000         2,844         2,0000         2,844         2,0000         2,844         2,0000         2,844         2,0000         2,844         2,0000         2,844         2,0000         2,845         2,944         2,0000         2,845         2,944         2,0000         2,845         2,944         2,0000         2,845         2,946         2,9000         2,845         2,946         2,9000         2,845         2,946         2,9000         2,845         2,946         2,9000         2,845         2,946         2,9000         2,845         2,946         2,9000         2,845         2,9000         2,945         2,946         2,9000         2,944         2,9000         2,944         2,9000         2,946         2,9000         2,946         2,9000         2,944         2,9000         2,944         2,9000         2,946         2,9000         2,944         2,9000         2,944         2,9000			101 - D	Lotwar	Borcholes	1.506	000'06	Lodwar	105,000	2	5.20	35,000				_ `	
Statutional         Interfactor         2,600         5,000         7,415         6,646         200         2,000           Wet polo         U-197         Kapeneria         Kapeneria         5,000         5,500         7,415         40,464         200,000			Set - 0	Lokinung	Shatkew wells and	340	4,000	Lokinung	80,000	8	513	5.434					
Weat polo         U. 197         Kapanyuina         Kapanyuina </td <td></td> <td>Sub-total</td> <td></td> <td></td> <td></td> <td>2,498</td> <td>56,000</td> <td></td> <td>635,000</td> <td></td> <td>7,415</td> <td>4C+'6+</td> <td></td> <td></td> <td>000'002</td> <td>11,400</td> <td>000'62</td>		Sub-total				2,498	56,000		635,000		7,415	4C+'6+			000'002	11,400	000'62
U-100         Neur Kapenguia         262         5,200         10,700         Surgenta         262         10,700           Nutrional         U-100         Burgenta         Nutrional         0.2         10,700         Surgenta         1.657,170         1.657,170           Nutrional         U-100         Burgenta Kuerd (Berencie         3.000         90,000 </td <td>1</td> <td>West pokos</td> <td></td> <td></td> <td>Kapolet River</td> <td>005</td> <td>5,500</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>-</td> <td></td>	1	West pokos			Kapolet River	005	5,500								_	-	
Wurb-nom         622         18.700         62         18.700         18.600         18.000         18.000         16.001					River Kapanguria	392	5,200										_
Rungenta         U- 100         Burgenta         Xuyna Kuer & Barenie         3.000         36.000           U- 200         Cheptais         Mailiais Ruer         2.400         93.600         93.600         10.011         10.01110           U- 200         Cheptais         Mailiais Ruer         2.200         93.600         10.000         10.000         10.000         10.000           U- 200         Kainlik         Kuer         2.200         93.600         10.000		(mo)-qny				622	10,700								1 1111		-
U-200         Cheptada         Malitadi Rover         2,400         93,600         93,600         1		Eunkoma	с- 100	Bungoma	Kuywa Kiver & Borehole	3,000	34,000						Bungoma Rural   4. 11		1,02,170	90C'T	mater
U. 202         Kamilik         Kawe         2.300         93,600         1           U. 203         Matakii         River         1,000         40,000         1,000			U-200		Malikoi Rivet	2,400											
U. 203         Mentation         Notes         L           U - 203         Weburge         Notes         40,000			U - 202		, Kiver	1200					-						
U - 205 Weetwork Steer 1.800 40,000		•	U - 201		River					T							
			0- 202	Wehuve	- River	1.800	40,000				- 1					-	

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Table - 5.3.1 (5/6) Water Supply Projects for Urban Water Supply (UWS)

The Aftercare Study on the National Water Master Plan

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Chaiter         Dation         Dation <thdatind dation<="" th=""> <thdation< th=""> <thda< th=""><th>Tructory         London         Design         <thdesign< th=""> <thdesign< th=""> <thdesign< <="" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Ī</th><th></th><th>Planned</th><th>Planned/Draigned</th><th></th><th></th></thdesign<></thdesign<></thdesign<></th></thda<></thdation<></thdatind>	Tructory         London         Design         Design <thdesign< th=""> <thdesign< th=""> <thdesign< <="" th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Ī</th><th></th><th>Planned</th><th>Planned/Draigned</th><th></th><th></th></thdesign<></thdesign<></thdesign<>												Ī		Planned	Planned/Draigned		
Name         United         Name         United         Name         Project Name         Design Served         Design Served         Project Name         Served of Name         Design Served         Project Name         Served Served         Design Served <thdesign served<="" th="">         &lt;</thdesign>	Nume of Uhen         Nume of Uhen         Source of Water         Design (n/dyty)         Posign (m/dyty)         Posign (m/dyty)         Posign (m/dyty)<					Existing		-		Cultonia			Í				Prilos	-
Asia         Centre Cede         Notifier         Currents         U. 200         Halle Nite         L. Victoria         Alle	Acristic         Cruter Cole         National         Cruter Cole         National         L Victoria         Monta         L Victoria         Monta         Monta         Monta         Monta         Monta         L Victoria         Monta         L Victoria         Monta         L Victoria         Monta         L Victoria         Monta         Monta         L Victoria         Monta         L Victoria	istrict		Ceban		Source of Water		Population Served	Project Name				Design Population	Project Name	Source of Water	Contraction (KC) Contraction	Capacity (ni <sup>2</sup> /0av)	
Name         U - 210         Partin         U - 200         Partin         Partin         U - 200         Partin         Partin         V - 200         Partin         Partin         V - 200         Partin         Partin         V - 200         Partin         Partin         V - 200         Partin         <	Name         U. 200         Pound         No. (work of Herenolis)         2.022         17.207         Devine         2.012         17.200         Devine         2.011         Number         Devine         2.013         17.000         Devine         2.011         Number         Devine	- 10 10 10		Center Code			(AND/ 1U)			5			CI (NO)	Attis hills	L Victoria		300	17.500
Octor         U. 200         Betra Tour         U. 200         December         2.233         0.300         2.235         Betra Tour         0.0         No.           VL-200         Number         Sub-robit         2.243         3.500         3.4.95         5.275,000         2.01         1.607         0.0         No.           Sub-robit         2.200         Betra Vis         2.240         Minits         2.21         1.607         2.20         1.607         0.0         No.           Vision         U-210         Numits         Vision         2.21         1.607         2.20         1.607         0.0         No.           Vision         U-211         Manits         U.212         Minits         2.20         1.607         2.200         1.607         0.0         No.           Vision         U-213         Minits         U.213         Minits         2.20         15.000         25.00         2.500         2.500         2.500         2.500         2.500         2.500         2.500         2.500         2.500         2.500         2.500         2.500	Neuro         U. 200         Manten TrU. Will         Mant	۱				Sin Kever & Horeholes		17,207	Busis /mundike	novicin'i	:				FVG		N/E	EN:
U. 200         Destenda         139         1.325         3.211         1.40100         1.40100         1.40100         1.40100         1.40100         1.40100         1.40	U. 2.00         Berete arm         U. 2.00         Berete arm         U. 2.00         Berete arm         D         D         NO         NO           Kahringi         U. 2.00         Berete         S.00         Berete W/S         S.075,000         26,756         23,1         3,076         20 <td>-</td> <td>Parts III</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td>Mataba /Kocholia</td> <td>4,250,000</td> <td>46</td> <td>13,256</td> <td>ML.TO</td> <td>Malaba H.C.W.P</td> <td>14</td> <td></td> <td>1,</td> <td> </td>	-	Parts III	8					Mataba /Kocholia	4,250,000	46	13,256	ML.TO	Malaba H.C.W.P	14		1,	
(1-200         Detrelate         2.231         13.972         5.275.000         267.56         134.705         134.705         10.0         00           Schwanist         Bare         Bare         Bare         Bare         Bare         2.431         13.972         2.510         2.51         1.675         1.6         1.0         0.0         0.0           Schwanist         U-210         Bare         Bare         2.500         Bare         2.50         Bare         2.50         1.675 </td <td>(1 - 206         Nemble         Berble         2.23         13,976         5.75,000         267.46         136.760         20.1         136.760         136.76</td> <td></td> <td></td> <td>102-0</td> <td>Mailton Lown</td> <td></td> <td></td> <td>Are -</td> <td></td> <td></td> <td></td> <td></td> <td>-1</td> <td></td> <td></td> <td></td> <td></td> <td></td>	(1 - 206         Nemble         Berble         2.23         13,976         5.75,000         267.46         136.760         20.1         136.760         136.76			102-0	Mailton Lown			Are -					-1					
Schneinel         2.2.31         3.0.02         Schneie         3.0         Schneie         Schnei         Schneie         Schnei         Sc	Schwareit         Dareit         Dareit         D.0.00         Batele W/S         D.0.00         Batele W/S         D.0.00         D.0.01         D.0.05			:n- 200	Numbale	Boreholes	ACT			C TTL DOOD	-	AND OC	134.370			0	900	7,500
Numerical         Data         Scoto	Minimal         Distribution         Data         S.000         Data (Minimal         Distribution         Distr         Distribution         Distribut						2231	14,592		000'022'0		2.1						
Keturnega         U200         Buzrer         Scoreces         7,000         27,626         Manila         2,200         15,000         15,000         25,000         15,0	Katurnega         U200         Name         Barrer         7,000         27,636         Control         2,500         15,000         15,000         25,000         10.2.10         Manual         U213         Manual         U213         Manual         U213         Manual         U213         Manual         Manual         Manual         U213         Manual         Manual         Manual         U213         Manual         Manual         U213         Manual         Manual         U213         Manual         Manual         U213         Manual         Manual         Manual         Manual         Manual         U213         Manual         Manual         U213         Manual         Manual         U213         Manual         Manual         U214         Manual		Sub-kile				26	000'\$	Butere W/S		-	192	3,675					
U210         Katenoinga         Kover & December         7,000         27,620         4,000         1,000         27,000         1,000         1,000         1,000         1,000         1,000         1,000         1,000         1,000         1,000         25,000         1,000         25,000         1,000         25,001	U-210         Katempin         Korr & Bornabe         7,000         27,000         27,000         15,000 <th< td=""><td></td><td>Kakanega</td><td>รี 2</td><td>Butere</td><td>BoreRote</td><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		Kakanega	รี 2	Butere	BoreRote	3											
U-211         Mamias         Lautomu River & Ebrehole         1,498         12,440         Mamia w/S         4,00         2,501         4,00         2,501         4,00         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,501         1,000         2,000         2,000         0 <th0< td=""><td>U-211         Maintas         Luarun Worr &amp; Burnhölt         Lagen         12,440         Mainta W/S         Lagen         <thlagen< th="">         Lagen         Lagen         <t< td=""><td></td><td>•</td><td>1 210</td><td>Kakamer</td><td>Kiver &amp; Horehole</td><td>7,000</td><td></td><td></td><td></td><td></td><td>-</td><td>1000</td><td></td><td></td><td></td><td></td><td></td></t<></thlagen<></td></th0<>	U-211         Maintas         Luarun Worr & Burnhölt         Lagen         12,440         Mainta W/S         Lagen         Lagen <thlagen< th="">         Lagen         Lagen         <t< td=""><td></td><td>•</td><td>1 210</td><td>Kakamer</td><td>Kiver &amp; Horehole</td><td>7,000</td><td></td><td></td><td></td><td></td><td>-</td><td>1000</td><td></td><td></td><td></td><td></td><td></td></t<></thlagen<>		•	1 210	Kakamer	Kiver & Horehole	7,000					-	1000					
Sub-real         2,501         1A/675         6,136         6,136         2,501         1A/675         6,000         2,501         1A/675         6,136         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         2,501         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         10000         11.1         1	Scientral         Locars         Locars <thlocars< th=""> <thlocars< th=""> <thlocars<< td=""><td></td><td></td><td>U-211</td><td>Muniter</td><td>Lusumu River &amp; Borehole</td><td>7</td><td></td><td>Mumius W/S</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thlocars<<></thlocars<></thlocars<>			U-211	Muniter	Lusumu River & Borehole	7		Mumius W/S									
Scin-mail         0.1-313         Massed/aurora         0.750         6.7306         6.7306         2.5301         <	Sub-tend         6.76         6.256         6.256         6.201         0.001         25.01           Vilvaga         U- 213         Massed/Landra         Oper Furrow         1,170         06.400         25.01         25.01         25.01           Vilvaga         U- 214         Masse         Serfeer Water         00         200.600         15.500         15.500         15.500           Vilvaga         U- 214         Masse         Serfeer Water         00         200.600         15.500         15.500         15.500           Sub-teuxi         To incove         Serfeer Water         00         200.600         10         15.500         15.500           Sub-teuxi         U- 213         Vilvaga-Hamisi         15.000         175.500         175.500         175.500           Sub-teuxi         2.213         100.400         2.213         100.400         175.531         175.531         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.551         175.655         175.551         175.551         175.551         175.551         175										t		14.675					
Stati-metel         U - 213         Masseo/Laurola         Opens Purrow         L.JOC         64.400         EX.501         ZX.00	Statistical         U - 213         Masspea/Lunicida         Open Furrorw         L3/9C         64.400         Ex.501         25.501         25.501         25.501         25.501         25.501         25.501         25.501         25.501         156.000         25.551         1575.571         1575.571         1575.571         1575.571         1575.571         1575.571         1575.571         1575.571         1575.571						6.762					1065	C C C C C C C C C C C C C C C C C C C					
Vikiga         U. 213         Macaeolumenta         Open Furrow         U.00         23.00         23.00         23.00         15.50 </td <td>Vinga         U. 2.13         Massee/Lunreta         Open Furrow         U.702         00000         22.001         22.001         22.001         15.000         22.001         15.000</td> <td></td> <td>101 HOLES</td> <td></td>	Vinga         U. 2.13         Massee/Lunreta         Open Furrow         U.702         00000         22.001         22.001         22.001         15.000         22.001         15.000		101 HOLES															
U. 214         Mmate         Surface Water         WO         20.000         Mmate         X/hige-Hamilie	U 214         Mmile         Sortiser Water         Woo         20.000         H. Stringer Marrier         H. Stringer Marrie         H. Stringer	١.	Vikina	U- 213	Maxeno/Luanda	Open Furrow	1,192				t			Versie 111	Kiver	3,000,000	22,501	106.000
U-215         Vinise/Marries         Spring         cs         12,000         175,501           Sub-touli         U-215         Vinise/Marries         Spring         2,213         100,400         23,130,000         178,501           Sub-touli         Vinise/Marries         Spring         2,213         100,400         11,55,501         178,501	U-215         Vinise/Magningto         Spring         64         12,000         12,000         178,501           Sub-stouit         U-215         Vinise/Magningto         Spring         2,013         100,400         178,501         178,501           Sub-stouit         Vinise/Magningto         Spring         3,04,000         1,05,600         1,78,501         2,730,000         1,78,501           Sub-stouit         706,763         4,974,603         31,965,602         6,00,215         (A),555,571         739,651		6	[1, 214	Mhale	Surface Water	\$60				F	ł	ſ	Vition Humisi	Rune	18,750,000	156,000	347,000
Sub-lead         C = 10         Sub-lead         N = 10         Sub-lead         N = 10         Sub-lead         S	Sub-tetal         No.eted         2.215         100.400 <t< td=""><td></td><td></td><td>216 1</td><td></td><td>Spring</td><td>63</td><td>12,000</td><td></td><td></td><td></td><td></td><td>Ī</td><td></td><td></td><td>21.750.000</td><td>176,501</td><td>183,000</td></t<>			216 1		Spring	63	12,000					Ī			21.750.000	176,501	183,000
1990-4052 125-52-510) (312-02-9 4950-04 200-306-11) (200-306-11) (200-306-11) (200-306-11)	Sub-total Sub-total Auxona I						5122			_			1					
1 706,783 4,974,003 11, 204,703 11, 204,703 11, 204,703 11, 204,703 11, 204,703 11, 204,703 11, 204,703 11, 204	1998/221 LIGESCEINE STELLAN AND STELLAN AND STELLAN AND STELLAN AND STELLAN AND STELLAN AND STELLAN AND STELLAN	,	Sub-tout										ļ					
1 708,263 4,974,00A										A. 146 Aug	ŀ	2000	A(X).21			IN.STS.371	: 75 V. 651	14,776,181
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Field Survey by the Study Team Data Source :

Project Rehabilitation Survey by the Ministry of Water Resources

Brief on National Water Conservation and Pipeline Corporation's Activities and Present Status, National Water Conservation & Pipeline Corporation, Sep. 1997 The Study on the National Water Master Plan, Sectoral Report (D), Domestic and Industrial Water Supply, Japan International Cooperation Agency, July 1992 Project Status Report 96, Ministry of Water Resources, Dec. 1997

District Water Development Plan, Water Resources Assessment & Planning

Ministry of Local Authority

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	Southers		-		aunotuo		-			- Particular	Period -	litetien i	
	and and	Design P	Population	Project Name	Orignal	Physical Status	Design Canacity P	Ponulation	Project Name	Cost	Population	Capacity	Source of
Code; District	rroject name	(m <sup>3</sup> /dav)			59	(4)		(.ov.)			(Sov)	(m'/dav)	Supply
11 - K-1 - K-1		1528	12 000	12 000 Matimbei	745.000	i i	7.2091	1 916 96	Mutaratara Women Group	3,600	5.200	390 [River	
		100	15 000 K Amueri	Camuati	72 514	1	1.462	19.493	19.493 Kidfarmaco	25,920	EN.	N/E N/H	
			1003 3	Comothed Dr. N		24.	4.475	50 000 Podo	ndo.	1.000.000	5.000	300 B/H	
	Lumuru Upianus	DAT .		e ovol vienter, breet	00010202	10°	403	6 573 Nder	Aeri	1.000.000	5.000	300 B/H	
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	lkinu Rioki	1.230	16.400 Juja	luja	2,000,000		202	INNC /	/. JUU Kangoya	2007.0	c) 000 3		
	Korio	375	5,000 Munyu	Munyu	2,000,000	5%	1.835	24.460	24.460 Magina Gitwamba	100.001	200	AUV: KIVET	
	Gitiha	049	8.53R						Upper Kihara	180,000	9,500	600 B/H	
	Kanuen	488	0.500		-				Kikuyu Div.w/s (Muguga)	4,416,000	102.000	300 River /B/H	B/H
		240					-		New Kamuchere	NE	15,000	900 NCC	
		000					+-	ſ	Thomas	NF	15.000	900 B/H	
	Kiu South	300	4,000					Ī		1000 000 1	14,000	900 R/H	
	Thirida	7,00S	50,000				-+		AMM NO	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	000 05		
	Gatundu	411	30,719						South Thirticks	14,400	00,00	4,000'KIME	
	Komatha	432	40,000					-	Githuchori Handege	14,400	20,00	750 River	
	(inlands	9.264	14,000			-			Ngoliba	7.200	6,573	294 Kiver	
	Parthi	106.440	35.000										
	Karimenu	3,605	45,000		<b>*</b>								
	libanca	1.200	30,000								_	_	
	N. Januari	S SAN	45 000					ļ					
Total	120.000	110 01 1	123.1.1251		7,467,514		16,046	213,944		7.772.2801	2.59,646	10.912	
10101			70 PCE Vahara	Vahous	1000 024	ł	2.250	30,000	30.000 Kine Loc.W/P	652,000	35,696	2,960 River	
TTO VINAS	Normame	1.010	THOMA COOLSC	Value	1000 059	24	1 474	10.650	10.650 Mutuneara	35,000	18.526	1,435 River	
	Kabaro	1.002	10.45"01	VEKO	200,200			5 370 M. to 2		000 120	0.851	1.834 River	
	Karuti W/P	4,310	12,000 Kariru	Karinu	nu che	94.5	50 <del>4</del>	57.0	ATUR		10 444	1025 Distant	
	Kiangombe S/H	800	6,120						Lange And And And And And And And And And And	~~~~~			
	Kianguenyi Women Group	219	4.370										
	Teithia/Teith S/H	1.262	7.651		_	-							
	Mutungara S/H	383	7,650			- 1							
	Ndia Ph A	8,188	27.400										
	Ph B	1.838	24,500										
	Ph.C	6.375	85,000							_			
	Sama	624	21,300									_	
	Kabara Rurai	5,400	16.530										
	Noriama Rural	783	48,900										
	Kunyaga	163	8.000										
Total		32,969	325,690		1,795,000		4,127	55.029		1,600,0001	6E7.97	7.161	
230   Murangia	Sabasaba	<del>\$</del>	9.327 Kigumo	Kigumo	4,450,000		16.500	220,000				_	
	Gatango	2,640	7,813	7,813 Mathioya Ph I	4,500,000		56,250	750,000					
	Kizimo	8,640	150,000 Gatango	Gatango	1.500,000	85%	5,706	76,074		_			
	Kandara	14.640	78.183 Gaturi	Gaturi	625,000	340	2,400	32,000					
	Kahuti	12.910	60.298										
Tatel		38.875	305.621		11.075.000		80,856	1.078.074			-		
240 tNuendenia	Noorika	247	15.000	15.000 Njabini W/P	000'096	*	1,838	24.500 Muruai	Muruai	E/Z	- N/E		
		1.090	8.6861	8.686 Mukunzi	494,000	590	3,563	47.500 Bamboo	Bamboo	25,500	10,600	1,250 B/Holo	5
	Musiciri	648	12,000	12.000 Muhonia Turasha	35,000	Sq	474	6,320	Turasha Ridge	19,927,039	6, 122	1.176 River	
	Gitei	612	8	5.500 Oatimu	49,800		809	8,000			· ·		
	Kinoneon B.M.	4.471	11 300	11.300 Nyakaringa Kangu	63,900	340	2,550	34,000					
-	the second second			4 C C C C C C C C C C C C C C C C C C C			2.5					-	

Table - 5.3.2 (2/11) Water Supply Project for Large Scale Rural Water Supply (LSRWS)

Berlein         Design         Perplatition           Berlein         Penplatition         Penplatition           Kurna         254         5.000         Mastral           Kurna         3.7.45         3.000         Mastral           Kurna         3.7.45         3.000         Mastral           Kurui 'N	Hinnaluca				ê	_	
District         Project Name         Capacity (m/dary)         Served (m/dary)         Propriation           Kurina         23, XIS         3, 2000         Nearging (m/dary)           Yotah         Yang         Yang         Yang         Nearging (m/dary)         Nearging (m/dary)         Nearging (m/dary)         Nearging (m/dary)           Yotah         Yang         Yang         Yang         Yang         Nearging (m/dary)         Nearging (m/dary)           Yotah	Official	Physical Design	Desim	Estimated			Source of
Kurima         Z54         5.000         Astrange           Kurima         254         5.000         Material           Kurima         2500         Material         Material           Kurima         2.000         Material         Material           Kurima         5.014         5.016         Material           Muta         5.014         5.000         Material           Muta         5.015         5.000         Material	t Name		Population Project Name	Ame Cost	r Population	ion Capacity	
Ktirtin         254         5.000         Leather           Ktirtin         3,783         3,900         Marange           Number         Number         Number         Number           Number         Number         Number <t< td=""><td></td><td>ε</td><td>1</td><td>2</td><td>-</td><td>-   -</td><td></td></t<>		ε	1	2	-	-   -	
Kitui         3.765         3.900         Nderege           Kitui         3.765         3.900         Nderege           Mugamm         Nursei         Nursei         Nursei           Mugamm         Nursei         Nursei         Nursei           Musei         Nursei         Nursei         Nursei           Total         3.11,145         76,386         Stepaa           Muteu         2.10,000         Nuteu         Nuteu           Total         2.11,15         3.000         Nuteu           Muteu         3.11,145         76,386         Stepaa           Muteu         2.11,15         3.000         Nuteu           Total         3.11,145         76,386	omi Ph I						
Total         Xiantis           Total         Numeric           Numeric         N		35% 4	1				
Torial         Ngarita           Torial         Nustan           Muturweiti         11.1.45         76.366           Muturweiti         11.1.45         76.306           Muturweiti         197         6.000           Muturweiti         197         6.000           Muturweiti         197         6.000           Muturweiti         197         6.000           Muturweiti         27.327         1.1.67.400           Muturweiti         2.32.327         1.1.67.400           Muturweiti         2.37.327         1.1.	200,000	5%					
Total         2.01 Kala           Total         0.1 Kala           Total         0.1 Kala           Total         0.1 Kala           Total         0.1 Kala           Total         0.1 Kala           Total         0.1 Kala           Total         0.1 Kala           Mutera         0.1 Kapa           Mutera         0.1 Kapa           Mutera         0.1 Kapa           Mutera         0.0 Kandu           Mutera		98% 1.917					
Total         Mugamm Nuterion           Total         Nobulh Nuterion           Total         Nobulh Nuterion           Total         See 10.000           Total         11.1.45         70.380           Nuterion         See 10.000           Muterion         111.1.45         70.380           Nuterion         396         16.000           Muterion         11.1.45         70.380           Muterion         11.1.45         70.380           Muterion         11.1.45         70.380           Muterion         11.1.45         70.380           Muterion         11.1.1.45         70.380           Muterion         11.1.1.45         70.380           Muterion         11.1.45         70.380           Muterion         313         40.000           Muterion         313         40.000           Muterion         20.11.6         40.000           Muterion         20.11.6         40.000           Muterion         20.200         Kinonic           Muterion         20.21.1.1.6/Muterion         Muterion           Muterion         20.21.1.1.6/Muterion         Muterion           Muterion         27.21.1.1.1	taniro 173,000	35, 2,400	32,000				
Total         2.00 Kapas           Total         11,145         76,386           Muteri         Muteri         Muteri           Muteri         Muteri         Muteri           Total         11,145         76,386         Muteri           Muteri         313         566         16,000         Muteri           Muteri         313         5016         40,000         Muteri           Muturweisi         11,145         76,386         Muteri         Muteri           Muturweisi         1,174         5,000         Butrei         Muteri           Muturweisi         1,07,000         2,327         1,16,760         Muteri           Muturweisi         2,327         1,16,760         Muturweisi         Muteri           Muturweisi         2,327         1,16,760         Muturweisi         Muturweisi <t< td=""><td>-</td><td>75% 657</td><td>8,754</td><td></td><td></td><td>-</td><td></td></t<>	-	75% 657	8,754			-	
Total         State         Kuges           Total         11,145         Kuges           Muttari         Muttari         Muttari           Muturweisi         11,145         76,386           Muturweisi         11,145         76,396           Muturweisi         11,145         76,396           Muturweisi         11,145         76,306           Muturweisi         11,145         76,006           Muturweisi         23,227         11,07,000           Muturweisi <td< td=""><td></td><td>005</td><td>[``</td><td></td><td></td><td></td><td></td></td<>		005	[``				
Total         311,145         56,386         Stobult           Total         21,145         76,386         Muteru           Total         21,145         76,386         Muteru           Total         20,000         Muteru         Muteru           Total         20,000         Muteru         Muteru           Total         20,000         Muteru         Muteru           Total         20,000         Muteru         Muteru           Muteru         3,016         45,000         Muteru           Muturweiki         3,016         45,000         Muturu           Muturweiki         2,016         4,000         Muturu           Muturu         2,012         4,000         Muturu           Muturu         2,012         1,07,000         Muturu           Muturu         2,012         1,07,000         Muturu           Muturu         2,012         1,016,000<	0001071						
Total         Stebul           Total         Mutetu           Total         2aina         Stepid           Zaina         311,145         76,386         Mutetu           Zaina         340,000         Mutetu         Mutetu           Total         11,145         76,386         Mutetu           Zaina         50,016         45,000         Mutetu           Muteturweiti         11,145         76,386         Gatange           Muteturweiti         11,145         76,300         Mutetu           Total         11,145         76,300         Mutetu           Muteturweiti         11,145         76,300         Mutetu           Total         5,016         45,000         Mutetu           Mutetu         3,313         4,000         Mutetu           Mutetu         2,016         45,000         Mutetu           Mutetu         2,220         Kinstri         Mutetu           Mutetu         2,313         8,736         Mutetu           Matetu         2,727         11,07,800         Mutetu           Mutetu         2,220         5,200         Mutetu           Mutetu         2,316         4,500 <t< td=""><td>0001001</td><td>2.2</td><td>000 9</td><td></td><td></td><td></td><td></td></t<>	0001001	2.2	000 9				
Total         Mutacify           Total         11,145         76,346         Mutacify           Total         31,145         76,346         Mutacify           Mutacify         566         16,000         Mutacify           Tetu Thegenge         4,008         40,000         Mutacify           Mutacify         370         5,016         45,000         Bugure           Mutacify         3,016         45,000         Bugure         Mutacify           Mutacify         2,022         1,07,000         Mutacify         Mutacify           Mutacify         2,023         1,07,000	: 25,000		1				
Torial         Kipipiti           Torial         Muteu           Torial         11.145         76.336           Muteu         266         16.000           Torial         266         16.000           Muteu         366         16.000           Muteu         366         16.000           Muteu         373         5.016         45.000           Muteu         3.016         45.000         Muteu           Muteu         2.02.127         1.16.7400         Muteu<	40,000	6%					
Total         11,145         76,386         Muthun           Total         Zaina         966         16,000         Gatange           Tetu Thegenge         4,008         40,000         Muteruvein           Muturweini Rural         5,016         45,000         Bugurdi           Muturweini Rural         5,016         45,000         Muturvia           Muturweini Rural         2,025         107,000         Muturvia           Muturweini Rural         2,025         Bugurdi         Muturvia           Muturweini Rural         2,027         1,167,400         Muturvia           Muturweini Rural         2,026         10,197,400         Muturvia           Muturvia         2,026         1,07,400         Muturvia           Muturvia         2,026         1,07,400         Mutvap           Muturvia	447.990	1%1					
Torial         2.4.003         Mureu           Torial         2.4.003         40.000         Mureu           Tetu Thegenge         4.003         40.000         Mureu           Mukurweici         11.1.45         76.336         Catanage           Mukurweici         1977         6.000         Mureu           Mukurweici         9.016         45.000         Buguer           Mukurweici         9.016         45.000         Buguer           Mukurweici         9.016         45.000         Buguer           Mukurweici         9.016         45.000         Burbe           Mukurweici         9.016         45.000         Burbe           Mukurweici         2.015         45.000         Mureu           Mukurweici         2.016         45.000         Mureu           Mukurweici         2.01         4.000         Mureu           Mukureu         2.016         4.000 </td <td>33,290</td> <td>3% 1.125</td> <td>15,000</td> <td></td> <td></td> <td></td> <td></td>	33,290	3% 1.125	15,000				
Total         11,145         76,386         Museus           Total         2aina         586         16,000         Meeting           Tetu Thegenge         4,008         40,000         Meeting         Matuk           Mukurweini Rural         5,016         45,000         Buguet           Matuk         9,818         107,000         Matuk           Matuk         2,313         1,37,400         Matuk           Matuk         2,313         1,617,600         Matuk           Matuk         2,313         1,07,000         Matuk           Matuk         2,313         1,1,75,400         Matuk           Matuk         2,313         1,1,754         1,0,7000           Matuk         2,316         30,647         Matuk           Matuk         2,316         30,647         Matuk           Matuk         2,316         30,647         Matuk           Matuk         2,316         30,647         Matuk           <			5,000		;		
Total         11.1.45)         0.0.000           Teur Thegenge         5.016         45.000         Bugure           Mukurweini Rural         5.016         45.000         Bugure           Mukurweini Rural         5.016         45.000         Bugure           Mukurweini Rural         5.016         45.000         Budura           Total         2.92.227         1.167.400         Mukurwein           Mukurwein         2.92.227         1.167.400         Mukurwein           Mukurwein         2.92.227         1.167.400         Mukurwein           Mukurwein         2.92.227         1.167.400         Mukurwein           Mukur         2.92.277         1.167.400         Mukur           Mukur         2.92.277         1.167.400 <td< td=""><td>2 581 434</td><td>6</td><td>4</td><td>10.9</td><td></td><td>16.922 2.420</td><td>2</td></td<>	2 581 434	6	4	10.9		16.922 2.420	2
Zonias         Solid         10.000         Moute           Teu Thegenge         4.0008         40.000         Mouse           Mukurweici         8.016         45.000         Mouse           Mukurweici         8.016         45.000         Mouse           Mukurweici         8.016         45.000         Mouse           Mukurweici         8.016         45.000         Muung           Mukurweici         8.016         45.000         Muung           Mukurweici         8.016         45.000         Muung           Muung         8.016         45.000         Muung           Muung         8.016         8.017         Muung           Muung         8.016         8.018         Muung           Muung         8.016         8.018         Muung           Muung         2.02.27         1.167.860         Muung           Muung         2.02.92         Muung         Muu			L	1.1		7.144 4,49;	4,493 River
Teta Thegenge         4,008         40,000         Marine           Mukuweiki         197         6,000         Mardun           Mukuweiki         8,016         45,000         Bugure           Mukuweiki         8,016         45,000         Bugure           Mukuweiki         9,818         107,000         Mardun           Kinyati         9,818         107,000         Margu           Mukuweiki         2,32,227         11,67,800         Margu           Marens/faribuni         2,32,5         10,7000         Margu           Markuo         2,313         8,736         Barbe           Markuo         2,313         8,736         Barbe           Macuna         2,5205         10,7000         Margu           Pidmungo         5,5205         Kinose         Margu           Pidmungo         5,416         Margu         Margu           Risone         4,323         4,500         Margu           Pidmungo         2,416         10,500         Margu           Risone         432         4,500         Margu           Risone         1,733         1,5,000         Maru           Risone         1,030         1,0,500 </td <td>-00.</td> <td>20211 0021</td> <td>ľ</td> <td></td> <td></td> <td></td> <td>404 River</td>	-00.	20211 0021	ľ				404 River
Mukurweini         197         6.000         Kandun           Mukurweini Rural         5,016         45,000         Buguet           Mukurweini Rural         5,016         45,000         Buguet           Randun         9,818         107,000         Murangi           Anardi         9,818         107,000         Murangi           Activiti         2,92,727         1,167,800         Murangi           Marangi         2,026         1,07,000         Murangi           Missensularibus         2,313         8,736         Barbe           Missensulariburni         2,026         Kinosa         Murangi           Missensulariburni         2,025         5,200         Missensulariburni           Missensulariburni         55         5,200         Missensulariburni           Missensulariburni         2,316         30,647         Missensulariburni           Pidmange         4,20         4,500         Missensulariburni           Marange         2,316         4,500         Missensulariburni           Pidmange         4,20         4,500         Missensulariburni           Pidmange         2,316         1,500         Missensulariburni           Pidmange         4,200		at C1			400,359 5.6	5.082 91	911 River
Mukurweini Rural         S.016         45.000         Bugure           Rindura         S.016         45.000         Bugure           Manual         S.016         2.32.271         J.167,460           Nicoenal/Pariburi         S.015         2.012         Burrbe           Micoenal/Pariburi         S.015         3.014         Manual           Micoenal         S.01         S.015         S.000         Manual           Micoenal         S.01         S.015         S.016         Manual           Micoenal         S.01         S.014         Manual         S.014         Manual           Micoenal         S.01         S.016         Manual         S.014         Manual           Micoenal         S.01         S.016         S.016         Manual           Micoenal         S.01         S.014         Micoenal           Micoenal         S.01         S.016         Micoenal		1 70					2.K3Si River
Total         S. Cartor         Bindura           Total         9,808         107,000         Waruki           Marati         9,808         107,000         Marati           Marati         232,227         1,167,800         Marati           Marati         233,327         1,167,800         Marati           Marati         2,322         1,167,800         Marati           Marati         2,322         1,167,800         Marati           Marati         2,323         1,167,800         Marati           Marati         2,323         1,167,800         Marati           Marati         2,323         1,173         1,2,000         Marati           Marati         2,416         30,647         Marati           Marati         2,160         16,500         Marati           Marati         2,160         16,500         16,500 <td>-</td> <td>4%</td> <td></td> <td></td> <td>1</td> <td>ľ</td> <td>10 400 Bitter</td>	-	4%			1	ľ	10 400 Bitter
Total         Watuka           Total         Watuka           Total         9,808         107,000           Marneli         9,808         107,000           Marneli         232,1271         11,67,800           Machini         2,02,7271         11,67,800           Marneli         2,02,7271         11,67,800           Marneli         2,02,520         Kinesen           Machini         2,02         5,200           Machine         42         5,200           Mapari         432         4,500           Mapari         1,734         12,000           Mapari         1,734         12,000           Mapari         2,416         30,647           Mapari         2,416         30,647           Mapari         1,734         12,000           Mapari         1,030         16,500	Settlement 994,000	-   1.200					
Total         Nantur           Total         9,808         107,000           Nathi-         232,127         1,167,860           Marring         2,005         10,192           Mackinon Road         31.3         5,5200           Nicesse         42         6,453           Nation         20         4,500           Nation         30,647         1,728           Nation         2,416         30,647           Nation         2,416         30,647           Nation         2,416         30,647           Nation         4,500         10,500           Kalote         1,728         1,2000           Nation         2,16,01         16,500           Nation         2,16,00         16,500	2,400.000	9% 465					
Total         Naturali Marradi           Total         9,808         107,000           Central Provance Total         232,727         1.167,800           Naturali Mission Road         232,727         1.167,800           Mission Road         2,005         10,107           Mission Road         42         6,459           Mission Road         42         6,450           Pidmango         42         6,450           Pidmango         2,416         30,647           Pidmango         42         6,450           Mission         432         4,500           Magain         1,728         12,000           Magain         1,728         12,000           Magain         1,041         1,6500	64.000	26			_	-	
Total         0,808         107,000           Total         9,808         107,000           Central Provance Total         232,327         1,167,800           Neucress/Intributi         232,327         1,167,800           Neucress/Intributi         2,0212         Ruurum           Mezens/Intributi         5,5200         Migaria           Mezens/Intributi         5,55,5200         Migaria           Pidmango         42         6,459         Kitoer           Intra         2,316         30,647         Migaria           Intra         2,416         30,647         10,050           Intra         2,416         30,647         10,000           Intra         2,416         30,647         10,000           Intra         2,316         30,647         10,000           Intra         2,316         30,647         10,000           Intra         2,3160         16,500         10,500           Intra         2,160         16,500         10,000	1,000,000,1	9546 9456					
Total         Central Provuce Total         9,808         107,000           Total         0,808         107,000         Mdathi-           Central Provuce Total         232,277         1,167,800         Mathi-           Misoru/Tarbuni         233,337         1,167,800         Mathi-           Misoru/Tarbuni         205         5,200         Wisona           Mathin         2,005         10,197         Mathin-           Mathin         2,005         10,192         Mathin-           Mathin         2,005         Mjantal         Magari           Pidmango         42         6,453         Kitoen           Mathin         42         6,450         Magari           Total         Vango         42         4500           Magari         1,724         1,200         Mathin           Total         2,160         16,500         16,500           Mathin         2,160         16,500         16,500	5,200,000	052			_		
Total         9,808         107,000           Central Provace Total         232,227         1.167,560           Ucentral Provace Total         232,227         1.167,560           Picersul Provace Total         232,227         1.167,560           Masteraufariburi         2,005         10.192           Masteraufariburi         2,005         10.497           Pidmangp         42         6,437           Pidmangp         42         6,437           Total         Vanga         1.722           Pidmangp         1.722         4,500           Kiksonent         1.722         1.0,500           Iotal         2.160         16,500			7,702				
Total         9,808         107,000           Central Provence Total         233,227         1,162,860           Teac-Rokis         313         8,736           Maxerna/Iarbuni         2,005         10,192           Maxkuon Road         5,200         Kwata           Mackuon Road         4,2         6,435           Matuagp         4,2         6,435           Matuagp         4,2         6,435           Matuagp         4,32         4,500           Magni         1,734         12,000           Magni         1,734         12,000           Iotal         2,160         16,500           Yout         2,160         16,500			- 1			C7 + Q +	
Central Provance Total         272, 727         1.16, 260           Tezzo-Koka         313         8, 736         Barebe           Mixernav/Tariburni         2,005         10,195         Muum           Mackuon Road         55         5,200         Kresse           Mackuon Road         55         5,200         Kresse           Pidmango         4,537         Katoar         Magazi           Pidmango         4,216         30,447         Mitanga           Ional         2,416         30,447         Magazi           Ional         2,416         30,447         Magazi           Ional         2,416         30,447         Malagai           Ional         2,416         30,447         Malagai           Ional         2,416         30,447         Malagai           Ional         2,416         1,738         1,000           Kikonent         1,738         1,000         1,0,500           Ional         2,160         16,500         10,500	16,518,785						
Teace-Rola         31.3         8.726         Barthe           Mackinenta/Iaribuni         2.005         10.192         Rurum           Mackinenta/Iaribuni         55         5.200         Kiswas           Mackinenge         42         6,439         Kiswat           Mariange         42         6,439         Kiswat           Marab         432         4,500         Kiswat           Kalole         432         4,500         Kalole           Kikonent         1,728         12,000         Matup           Total         2,160         16,500         16,500	40,437,733	St	а,	-		, A	v barren Nemme alt
Macking         2,005         10,192         Rutum           Mackinen Road         55         5,200         Kineas           Pidmungo         42         6,453         Kineas           Manal         42         6,453         Kineas           Manal         42         6,453         Kineas           Manal         42         6,453         Kineas           Marab         43         6,450         Missai           Inveg         43         6,450         Missai           Kikonett         1,728         12,000         Missai           Total         2,160         16,500         10,500	51	346			ſ	ľ	201 Damos Nyayu put
Mackinen Road         55         5,260 Kiwasa           Pidmango         42         0,459 Kayata           Misanai         42         0,450 Kayata           Misanai         42         0,450 Kayata           Misanai         42         0,450 Kayata           Misanai         1,752         1,500           Kikonent         1,728         12,000           Kikonent         1,728         12,000           Total         2,160         16,500			1		3,000,000	79.60	3.0.2. KIVET AIVET
Picimungo         4.2         0,450         Kayaña           Mianta         Mianta         Mianta           Mianta         Mianta         Mianta           Kitoor         Mianta         Mianta           Mianta         A.2.3         A.50           Kitoor         A.3.2         A.50           Miagari         A.3.2         A.500           Kitoorent         1.773         12.000           Total         2.160         16.500	2,155,032	59%	ĺ				
Total         2,416         30,647           Nanar         Missor         Missor           Magain         Missor         Missor           Magain         1,728         12,000           Kikonent         1,728         12,000           Total         2,160         16,500						-	
Total         2,416         8,004           Magari         2,416         30,647           Magari         33,647         500           Vanga         432         4,500           Kikonent         1,728         12,000           Total         2,160         16,500	Jongoni	97%				-	
Totai Anger 30,647 Totai Vanga 432 4,500 Kikonent 1,728 12,000 Kikonent 1,728 12,000 Totai 2,160 16,500		15%			_	_	
Totai Angeri Vanga 432 4.500 Kükonent 1.728 12.000 Kükonent 1.728 12.000 Kükonent 1.728 12.000 Kükonent 1.728 12.000 Kükonent 1.728 12.000 Kükonent 1.728 12.000	ottlement 196,100	3%				-	*     
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Totai 2,416 30,647 Vanga 4,300 Kikonent 1,728 12,000 Kikonent 1,728 12,000 Iotai 1,728 12,000		1590					
Vanga         4.320         4.500           Kikonent         1.728'         12.000           Kikonent         1.728'         12.000           Ional         2.160         16.500	5,707,582	3 21,300	284,000			đ	
Kikonent 1.728 12.000 Kikonent 2.760 16.500 Total 2.160 16.500			Matumbi				4001.M2.ma pi
Total 2160 16.500			Samburu Vigurunguni				AUDINESS PL
Total 2160 16.500			Vyongwani up	_			150 Chombo Kiwer
Total 2160 16.500			Aga Khan Prim.Health Care		1	ĺ	00 Rain Water
Total 2,160 16,500 10,400 and 10,			Coast ASAL Prog.		367.390 65.		3.300 Rain Water
Total 2,000 Lamu				1.1		"	2.350
	kowe aus. 383.618	3%	2  17,893 Faza W/S		R/NA: 16	16.0001 4(	400 Sea
			71 52,893		0 10	16,0001 4	400

The Aftercare Study on the National Water Master Plan

Water Supply (LSRWS)
Large Scale Rural
oply Project for J
l) Water Sup
Table - 5.3.2 (3/11)

	Provide Contraction									Particular Particular			
	EXISTING		Ţ		Chipothy	- 1				r (Mu	nationary nearbinet	-	
			Population		Original	Physical		Design		3	Design	Design	Source of
Code District	Project Name	Capacity (m <sup>A</sup> idau)	Served (Not)	Project Name	Cost	Status (%)	Capacity 1	Population	Project Name	Cost Cost	Population (Nos)	(m <sup>3</sup> /dav)	Vigens
2 40   b and base	Man- man Manager Pres	1005	10.001	10 non Meweni/Makahurini	00008	1.1	050.0	8	Timbuani Line Bit	115.000:	40:000	1 600 1	1.600 Existing line
Nation Passe	Method Plane Per	9			222	•	2			18,000	5.000	2001	200 Existing line
	WITGHN FAIL CAL		100						Barchaha Greene Trum Line	1000-52	20.000	KOOLF	800 Existing line
	Volume Lane Lat.	183	NOO X				Í						6
	SUVERING AN AN AN AN AN AN AN AN AN AN AN AN AN	2	000										
-	Nwn Jomwu/Miritun	1001	000.0		1000		012.0	000.00		1000 93 1	1000	1 600	
Total		1.053	31,000		90°0%		00000	20,000			000,00	1000	
350 Taita	Changoni	39	1220	12.200 Mbale Phase II	40,000	28%	413	5,500	5,500 Mworova	NE	6,000	173 Spring	pring
	Bura	2,599	6,100	6,100 Mwataru	70,208	890	375	5,000				-	
	Wundanyi	751	16.000	16,000 Mwambirwa	- VN	26	375	5.000					
	Maupau Buanta	603	1.000	7.000 Jose Modembosho	VN	36	675	9.000					
	Natriwunyi w/s (Dembwa)	50	12.2001	Ronze Nvika	×		199	8,810					
	Munkiki	\$631	7.512	7.512 Maktau	33,431		613	8,170				-	
	where here a wart			Sachata/Vichombonvi	330.013		89	8.000					
·			Ţ	Chala Chumvini	V/N	500	5	8.574				-	
Talat		0.00	C 10 13		474 525		4 754	SK 054		ō	6.0001	173	
10:01			- TO'TO			101	202	, wu	Madom	450,0001	100012	1.300 T/River	/River
SOU I TUTE KINEL	DUra W/S	2020	000		000000		400						
	OUTA	: 1,200	T	LOAK NOVE FTOJECT	10001010		200.00	100,122		000 021			
Totat		5,400			1,130,000		STR.	25,000		420,023			
Const	Coast Province Total	1 17,734	160,659		7, 785, 732	jE.	33,746	440,047		i 5,240,390:	·.	10,847	
410   Embu	L'na-Siakago	1,562	42.500	42,500 Gachoka			5,625	75,000 Githeg	Githeg	4,200	1496.7	466 River	liver
	Siakago	196	8,000						Kigas	10,000,000	12,587	782 River	liver
<b>.</b>	Nguduri A	19,200	20.000			·			Kiambeere Masinga Dam			<u>_</u>	Dam
	Nyanduri B	6.840	20,000										
	Kyani Kurat	3,552	28,000										
	Ishîara	i 670	5.572	ł									
Total		020'28	124,072		0		5,625	75,000		10,004,2001	20.551	1,248	
420  Isiolo	Garbatula	128	4.746	4.746 Modegashe W/P	11,000	929	525	7,000					
	Neuremana W/S	128	6.1721	6,172 Runge Water Liv. Prog.	20,000	796	11,250	150,000					
<b>-</b>			ľ	Oldonyiro W/P	108.500	45%	389	5,185					
Tota!		256	10,918		139,500		12,264	162,185		·			
430 Kitui	Mwingi	122	15,0001	thiani/Kavuta	68,800	68.70	2,323	30,974	30,974 Bloo- Imwatine	4,000	9,000	3123I	182 Shallow well
	Kabati	498	6,643	6,643 Nzeeu/Ungatu	12,000	38%	414	5,525	5,525 Ngomano Mwitika	75.000	14.000	350 i S	350 (Shatlow well
	Mutito-Mui	120	8,000	8,000 Kissi/Mbitini	20,000	900	827	11,032	11.032 Ilika Phase Il	225,000	7,000	994 River	iver
				Kamulu/Muthungwe	45,000	8%	1.275	17,000	Mutomo Phase II	390,000	5.230	225 R/C	رد ارد
			ſ	Kithumula	120,000	74%	600	8,000		4			
			Ì	Athi Yatta Ph.I	75,000	28%	4721	6,289					
				like Phase I	725,000	340	472	6,289					
u				Kakcani	40,000	78%	7561	10,080					
. <u> </u>				Thua Kinakoni	58.028	269 ····	1.125	15.000					
				Muthale Tulia	60,000	45%	1,125	15,000					
				Mutha-KAtabani	130,000	<b>%E</b> 6	923	12,300					
			1	Ukasi	1,375,000	Nil	1,125	15.000					
				Kithe W/P	750,000	°26	750	10,000					
			-	Umaa Dam	7,000,000	Z	5251	7.000					
1.41		645	29,643		10,528,828		12,712	169,489		694,000	35,230	1.751	

The Aftercore Study on the National Water Master Plan

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Project
Supply
5.3.2 (4/11) Water Sup
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ole - 5.3.2 (4,
Table

	Existing	Ω,ξ			Ongoing					Planr	lanned/Designed		
District	Project Name	Design Capacity	Population Served	Project Name	Original Cost	Physical Status	Design Design Capacity Population	Design opulation	Project Name	Estimated Cost	Design Population	Capacity	Source of Supply
		(m <sup>3</sup> /day)	(Nos)		(X)	(%)	(m²/day)	('NO')	Vathoni	3.500		3.752 Dem	
440   Masuku	Ikombe	2	900	4.000 Kwambunga	004,44	9.CD		76.650 Walante	Yulans	VIN		226 Not Turesh	Duresh
	Muthetheni	1.005	13,400	13,400 Muoni piping A	000000		V VVV	24136					
	Katheka/Kithayoni	0 <u>0</u>	8	8,000 Kibeuni	051,020,2	2	2024	202.00					
	Vyulya	13	4,000	4,000 Missings	2,800,000		0.040	00000					
	Muthotheni Dam	100	0,000	9,000 Ithango	26,000		413	5,500					
	Mekilinzi	124	10,000	Kibauni			4,050	54.135					
	Unni	750	10,000	10,000 Kalama	233,626	Proposed	958	12.771					
	Wenner	312	11.000									-	
	Vistani,		4 00										
	Sidnant												
	Mbiuni					T		Î					
	Kibauni	2,050						ſ					
	Kathiani	26,400				ľ	400 10	101 010		005 6	OFA DX	3.078	
Total		31,451	102,700		13,144.326		23, 283	310,457		002		VIND I VIND I	
450 Marsahit	South Horn	137	6,300	6,300 Moyale Lami Holale	35,800		638.	8,5001	Bori	006.7.2			2
	Codoms	20		Lovangalani W/S	31.100	25.9	420	5,600	5.600 Loyangalani	25,000		7501Nprmg	53
	11	22		5 000 Sololo Hand Pump	24,000	Ĩ	645	8,600	Sagante	V/N	5.000	375 Sprin	2
	Mathema Walls	68		11 000 Badasea W/S	31.600		375	5,000					
		5		7 000 8 shahilitation	N/N	 	14,250	190,000					
	INTOPO	1.5											
	Loyan (Stillen)					Ţ							
	Dabel	70	ł										
	Bori		2,000										
	Wolda	137	ł					T					
	Drib-Gambo B/H	49											
	Laisamis	27											-
	Logogo	137	13,000										
	Neurunit	£	000'9										
"Cottal		1 783	95,100		122,500		16.328	217.700		0 42.500	30,000	1.1.1	
AKA   Manu	Mituneuru	480		91.000 C.C.M. Kunate	245,000		460	6.136		-			
	Musimhi	3.000		32,000 Lower Kathangira	NE.			00016					
	Nedara	009		7.000 Mazundu	N/E			5,000			_		
				Nvekairo	175,000			10,000				-	
				Kithini Mari	N/E					-	_		
				Katheri Ontulili	115.450		ļ	L					
				Castral Aboth canchi	285.000	ļ		16.000					
				Aductor Mutana Sch	150.000	500	K25						
				Province standing of the	175 000	ļ	1						
		_		Address (Managers 201	000 001			000.04					
					200000	ľ		0001					
				Cachua W/F				1000					
		_		Memeo	nonne		ļ	1					
				Naari Kiirun	250,000	~	~	1					
				Ngonga Makandune	250,000								
				Kieguchia Gatimbi	250,000	440	2,399	"					
												-	
		_	_	i Kithitina Umora	180,000			1,360			_		ļ

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Water Supply (LSRWS)
for Large Scale Rural
roject for Large Scale
) Water Supply P
Table - 5.3.2 (5/11)

-	i seat				1 JACON LA								
					A montain a								
			Population		Original	Physical				2		Design	Source of
Code District	Project Name	Capacity	Served	Project Name	Cost	Stotus		Population Project Name	Де		£	Capacity	Supply
		i (m°/day)	(Nos)		- 9	- (*)	(m'/dby)	( No.)		- 9	( S S	(m'/day)	
410 Nyambene	Kavveru	1,6201	1	20.000 Kiaki (Kaongone)	NE	Ongoing	1,140	15,200					
	Amwamba	389	8,000 Gitwe	Gitwe	NE	Ongoing	787	10,495					
	Murimi	294		4,500 Athuri Ruujine	A/R	ſ	113	9.500					
	K.K. Mwethe	1,499			NE	ţ	ļ	8,000			 		
	Kamberwa	155		25,000 Antubochiu	N/E	ł	825	11,000	-				
	Kiaki/Kuongone)	906		tumi	NE			5,600					
	Gitwe	1.000		Getuntune	5,000,0001		1	15.025	-	F			
	Kithetu Miori	200		5 000 Kirimhi	NIE	Ι.	1	6.000				-	
	Misthene	20.4 0		15 MM Kandwille	- TIFE			10.000					
<b>.</b>	Timoia	4 104		R0.000 K.K.Mwethe	1 200.000	1	ſ	40.000		ſ	·[-	+-	
				Nairiri	2,500,000			20.000	_				
Total		1 13.0Kb	199.500		8.700.000		l	150.820		1			
480 Tharaka Nithi	MurueiMueumaneo	78		20.000 Tharaka Water & Sanitation	14	ľ	686	12.440 Karingani	-	150,0001	22,814	2,200   River	2
	Magumoni	101,2	000 6				4,125	55,000					
	Karinguni	3,600		45,000 Gianchuku	40,100		1.944	25,925	.				
	Mwimbî Chopprib	2.400		20,000 Gatua-Karimba	290.160		2,131	28,411					
Total		8.896			20,840,260	δ	6,133	121,776		150.000	22,414	100212	
490 -Mwingi	Ngameni W/S	150		Untasi	450,000	81	1,0%8	14,500 Katse		600,000	5,000	90 River	5
	Migwani	243		19,000 Mathuki/Kalitini	29,150	050	525	7,000			!		
				Ngombeni W/S	20,000	San	1.500	20,000				-	
Total		543	29.000		499,150	-	3,113	41.500		600,000	5,000	906	
4A0 Makueni	Wote	52		5,500 Kihauni	2,020,150	405	4,060	54,135  Kitetu Dam (Upper Nga)	r Ngao)	5.000,000	75,000	7.000 Dar	7.000 Dam at Upper Ngaa
•	Makindu	480		12,000 Wote (Rehab.)	115,000		626	8.348 Kalamba Dam & Piping	inng	5.000.000	200,000	10,000 Dam	6
	Kikumbulyu Rural	; 720		9,400 Mbitini	350,000		1.125	15,000 Nziu		1.500,000	15,000	432 Spring	ng
•	Ena-Siakago	2,400		<b>Cithaasyu</b>	155,000	~	1.504	20.048 Manooni W/P Ph II/III	11/11	300,000	20,000	605 Exú	605 Existing Dam
				Kikumbulyu	7.500,000	2%	4,800	64.000 Makueni Distr. Hq's	8	5,000,000	50,000	10,000 Dam	
				Kikima	750,000		909	8,000 Tovola Dam		500,000	15,000	450 Dam	
				Nziu	200,000	242	825	11.000 Masongaleni		1,000,000	37,000	1.800 River	sr
			V	Mathangathi	200,000			5.000 Muani		1.500,000	19,000	990 Tank	×
			1	Deausu	250,000		750	10,000 Kianghi		150,000	5,000	70 River	H
			~	Shallow Well Prog.	25,000	5%		30,000 Mbitini II		200,000;	11,000	432 Spring	ŝų
		-	3	Smati Earth Dam Prog.	40.000			40,000			-		
				Kwinyithia	1,000,000		2,100	26,000					
				Kambi-Kiten gei	400,000	25%		11,000		_	-	-	
Tetal		3,675	35,700		13,005,150	¢1		- 304,531		20,150,000	447.000	31,779	
Eastern	Eastern Province Total	95136	K\$0,633		00,478,164		133,447	3,779,288		31.644,200	650,025	42,3211	
510 Garissa	Masalani	55	5,1501	5,150 Bulagolol	31,000	240	375	5,000 Ammuma		85.000	5,000	300 B/Hole	ole
	Mbalambala	89	4,120,1	4,120 Kamuthi	32,000	%6	450	6,000 Ijara		100,000	10,000	500 B/h. Surface	. Surface
	Modograhe	38	6,065 Raya	taya	31,000	95%	450	6,000				•	
	Dadaab	<b>5</b> 8	4,625 6	4,625 Garissa Urban	10,000,000	42%	6.000	80,000					
	Alijugur	ম	5,150										
	Shanta-abak	23	4,635									-	
	ljara	375	5,000			· • • • •							
-		299	34,745		10.094.0001	1:	7.275	07 MM		185.000	15.000	800	

e

	Eviction		ſ		Ongoing					uuni'	Planned/Designed		
		Design	Population		Original	Physical	Design Design	Design	Project Name	Estimated Cost	Population	Design Capacity	Source of
District	Project Name	(m)/dav)	Sered No.		8			(No.)		(ç		(m <sup>3</sup> /day)	Andana
S20 Mandara	Warradud	80	1					-	Takaba	661.250	50.000	MBCI 006	
	B/H Flewn	8					~	-	Danasa B/h (Ouramadhow)	730,000	00007	STALIA ANC'I	
_	S/Fatuma	80											
_	Kutulo	151											
	Kalalivo	161										_	
	Neboi (Army Section)	160			_							- 1004 C	
Tatel		404	Ł		_					002.194	100010/	7,40.01	
Can (Maile	Kututo	89	L	Diff B/Hole	000'09		375	5.000 Lensayo	cnsayo	1/0/0/1	20010	100	
	Value i	110		Tarbaj B/Hole	60,000	On-going,	450	6.000 1	Juna	1/0.000	300	11/0	
	Abalcova	121	1	5 000 Griftu B/Hole	60,000		89 9	8,000	8,000 Wargadod	170,000			
	Serie Contraction of the series of the serie	901	Ł	Korondile B/H	60,000		375	5.000 Dugow	Mogur	1/0/0/1	30.0	1/0	
		141	1	Waiir UWS			1,125	15.000 Bataw	Sataw	170.000		H/A	
		148	Į.			-			Burder	170.000	\$,000	H/8	
	number of the second	040	ł										
	WOJE MERCE	101											
	NAGFOI FRIMM		1										
	Kujulo	741				1	-				•••	-	
	Damas	017						ŀ					
	Hadado	101						T					
	Biynmadhow	126			000 010	69	200 -	000 02		000'020'1	33,000	248	
Total	-	1.X05			000/04/2		ľ			2.096.250	Γ	3,4481	
North East	North Eastern Province Total	1 2,966			10,044,050	Î	I	100 \$80 5	100 \$80 Media Rural	40,000,000	1	6,000 River	
620 (Gusit	Cleteri/Clesusu			27,532 Kiareni	000'000'T			1000 9	6 000 Icon en Maton en	30,000,000	1	1,800 River	
	Birongo	2,812		18,000 Birongo	N0'06'			1086 11		500,000	Ι.	385 Spring	
	Gionseri	490		) Elago	Acc'e/			7.020 Long		2,000,000		494 Spring	
	Mosocho Gesoni	8		6,000 Coinseri	nen'te		100		C 200 Trabute Raham	2,000,000		1,000 River	
	Tahuka	100		4,200 Kioge	20,000	4		200			000 001		
	Keroka	096		27,349 Riokindo	287.200			0001	10,000 Miareni		000 00	A COOL P HUNE	
				Cesusu/Geteri	58,239		4	21.532	Nyacheki		$\perp$		
				laoma	26.500	75%	450	6,000	6,000 Mikarangora	000'000'C		ł	
									Ogembo	1,000,000			
		-							Matunwa	15,000,000		1,800 River	
			L		1012 510		13.508	180,112	0	Ä		22.008	
Total		4,440			ALC:	R CC.		L	West Kano w/p	2,500,000	20,000	1,90%  Lake	
620  Kisumu	M/Kombewa	162.2		J raga beach	100001			1	Vitendo W/P	VN	33,000	1.620 River	
	Nyakach W/S	00'0		120,000 Korvenje	non'net	ļ		1	14 MON NE Kano W/P	5,480		760 River	
	Kenasia W/S	7 7		5,000 Kathoo W/P	100,000	<i>a</i> . F	ļ				İ	-	
	Othoo	751	0 10,000	0								-	
	unymiera/out/enen pura	720	0 10,000	0	-								
	Kibigori	122	0 10,000	0		_							
	Koru/Mnara W/S	102		0									
	Kisumu Rural W/S	1,992	25,000	õ			_						
	Owes	8.640		0									
	West Karachuonvo	1.920	0 140,000	0									
			L										
	Kendu Bay	1.080	000112,000	0							000 200	286.1	

Water Supply (LSRWS)
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Project for La
Water Supply
Table - 5.3.2 (7/11)

The Aftercare Study on the National Water Master Plan

Out         Theory Name         T												0		
(1)         Tayle Vare         Tayle Vare         Topic Vare         Control         Sound         Control         Sound         Control         Contro         Control         Control <t< th=""><th></th><th></th><th></th><th>Boundation.</th><th></th><th></th><th></th><th>Desire</th><th>-</th><th></th><th>The investory 1</th><th>Decim</th><th>Design</th><th></th></t<>				Boundation.				Desire	-		The investory 1	Decim	Design	
Instrument         (multical)         (multic	District	Project Name	Capacity	Served	Project Name	Crigman	Natur		ucaign	Project Name		Population	Capacity	Source of
Year         250         10000         10000         10000         1000000         1000000         1000000         1000000         1000000         1000000         1000000         1000000         1000000         10000000         10000000         100000000         1000000000000000000000000000000000000			(m'/dav)	(Nas)		9	(e)		(No.)			Nos)	(m <sup>3</sup> /day)	Supply
Windling         State	ц.	Bondo	962		North Sakwa	1,5001	396		30,000 1	Jernya/Uholo	N/R	30,000	2,000 K. W	nova
Nyme         1.000         2.1.000         Normality         2.0.000         Normality         2.0.000         Normality         2.0.000         Normality         2.0.000		Yata Township	548		South Sakwa	1,050;	¢¢ª		40,000 5	idindi/Malanga Phil	N/B		18.223 River	Yala
Ministric         100         100         100         100         000         0000         0000         0000         0000         0000         0000         0000         0000         0000         0000         0000         0000         0000         0000         0000         0000         00000         0000 <t< td=""><td></td><td>Uyoma</td><td>1.060</td><td></td><td>Uran ga/Ramula</td><td>350</td><td>740</td><td></td><td>10,000</td><td>Cokise</td><td>4,000</td><td></td><td>430 LVic</td><td>oria</td></t<>		Uyoma	1.060		Uran ga/Ramula	350	740		10,000	Cokise	4,000		430 LVic	oria
Nill Sales         091         1100         Control         091         1100         Control         000         Control         Control <thcontro< th=""> <thcontrol< th="">         Control</thcontrol<></thcontro<>		Mauna Dam	166		Arembo Bay		85%	375	000	ituyo	6,000		700 Nzoia	River, B/h
New         64313         6431         6431 <th< td=""><td></td><td>Ukwale</td><td>975</td><td></td><td>KFWWSP Well &amp; B/h Prog</td><td></td><td>550</td><td>60,000</td><td>800,000</td><td></td><td></td><td></td><td></td><td></td></th<>		Ukwale	975		KFWWSP Well & B/h Prog		550	60,000	800,000					
Neth Ruban         1000         1347         1000         1347           Varge         2000         6000		North Sakwa	568				<b>†</b>							
Upplication         201         600           Step         3.00         6.00           00           Step         3.00         6.00         3.00         3.00           Step         3.00         6.00         3.00         3.00         3.00           Step         3.00         6.00         3.00         3.00		South Sakwa	1,009											
Statistic         201         000         0		limn's	288				-	+					-	
Nickli Micange         3.400         9.000		E.S.	955	Ţ				+	-				-	
Insugentiants         545         500           Insugentiants         540         500           Frequents         760         3000           Preprints         760         1000         0           Preprints         12.51         2000         0000           Vergents         12.51         2000         0000           Vergents         12.50         2000         5500         5500         66.71%         66.00         0         0         00000         00000           Vergents         2.000         2.000         5500         55.000         55.000         56.000         66		Sidindi Maanam	1087 1						T			Ī		
Incomponentia         1,00         2,000         1,000         0,0000         0,000         0,000			071	-					Ť					
Verge/Sime/sec         0.00         0.0000         0.000         0.000		L'rangy Kumula	040									-		
Weinschreiten         600         5.000         2.000         6.075         6.000		Bar Ober	1,500										_	
Signmute         1.5,00         10,000         2.900         64,75         7,000         Month         0         7,000         Month         0		Yeng/Sirawga	960.				~							
Image: constraint of the		Signmure	909								1			
0yb         Modelia         2100         2000         None         15,0000         Second         5000         Second         2000         300000         30000         30000 <th< td=""><td>Total</td><td></td><td>12.554</td><td></td><td></td><td>2,960</td><td></td><td>56,375</td><td>AN5.000</td><td>o</td><td></td><td>360,800</td><td></td><td></td></th<>	Total		12.554			2,960		56,375	AN5.000	o		360,800		
Verial Recination         11         1 (\$\u00e50000000000000000000000000000000000	me Buy	Kochia	2100		Obera	150,000	5445	5,625	75,000 A			_		
International         Karyaturo         350,000         254         17,250         200000         40,000         50,000         40,000 <th< td=""><td></td><td>West Rachuonvo</td><td>171</td><td>Í.</td><td>Nyandiwa</td><td>75,000</td><td>4%</td><td>5.700</td><td>76,000 k</td><td>Cosele</td><td>1,000,000</td><td></td><td>750 River</td><td></td></th<>		West Rachuonvo	171	Í.	Nyandiwa	75,000	4%	5.700	76,000 k	Cosele	1,000,000		750 River	
Image: constraint of the				1	Kanvaluo	350,000	1.491	17,250	230,000					
Openand         2,117         1,12,000         2,117         1,12,000         2,11,000         0         1,000,000         4,00					Wangchieng	265.000	2546	25,511	340.150					
Monte         409         0.500         Karnight         250.000         Maintain         500.000         Maintain         500.000         11.125         5000         10.1125         5000         10.1125         5000         10.1125         5000         10.1125         5000         10.1125         5000         10.1125         5000         10.1125         5000         10.1125         5000	Total		2117	132,000		840,000		54.056	721.150	0	10,000,000	40,000	3,0001	
All         Menulati         4.1.001         5.500         8.6000         5.000         8.000         5.000         5.000         8.000         5.000         8.000	Dri.	Nuncare	400		Karunsu	250.000	25%	18.750	250,000 A		\$00,000	17,125		
Math         450         5,000         291,000         19,125         255,000         6-20,000         5,000		A		****	Maralder	41,000	6546	375	5,000	obenia W/P	S00.000			
Ootline         400         6,500         74,7         4,500         50,000         54,125         255,000         54,125         255,000         54,200         74,200         74,203         74,203         74,203         74,203         74,203         74,203         74,203         74,203         74,203         74,203         76,2000         74,203         76,2000         74,203         76,2000         74,203         76,2000         74,203         76,203         76,203<									×	Cecongo W/P	420.000			
Visualization         420         14,000         Emige         80,000         74%         4,500         6,000         Noti-sentement         79,500,00         6,75,51           Nisonicarge         230         3,000         Trage         80,000         85,76         4500         5000         Not-6000         54,500         5,500         54,500         1,71,435         1         34,500         54,500         1,71,435         1         54,500         1,71,435         1         26,000         1,41,50         1         14,435         1         1         44,500         1         14,435         1         1         14,435         1         1         14,500         1         14,435         1         1         1         44,500         1         14,500         1         1         14,500         1         14,500         1         14,	Tutal		001			201.000		19.125			1.420.000			
Yanationpo         200         8,000         Tage         8,000         8,100         0,000         8,16         2,600         3,400 <t< td=""><td>mira</td><td>Numberia</td><td>420</td><td>L</td><td>Eronse</td><td>80.000</td><td>7450</td><td>4.500</td><td>60.000 S</td><td></td><td>79,500,000</td><td></td><td>9.736 Kiver</td><td></td></t<>	mira	Numberia	420	L	Eronse	80.000	7450	4.500	60.000 S		79,500,000		9.736 Kiver	
Magna Wis         50         4,000         Namerya-Minita wity         4,500         536         600         Nyamma UWS & Severenge         250,000         33,000           Molsherwa wis         1, 1, 1         1, 3, 47         5, 400         2, 300         3, 400         7, 200         3, 400         1, 4485         1, 4486         1, 4486         1, 4486		Numeron	0yc		Tion	80.000	85%	450	1000.9	forth Musiranan	2.600.000		41.567 River	
Tombe with Independent         4.32         4.000         7.300         7.300         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.350000         7.3500000         7.3550000         7.3550000         7.3550000         7.3550000         7.3550000         7.355000000         7.35500000000000000000000000000000000000		to present the second se				40 SOD	050	450	1000	framina 1 NVS & Severand	250,000	L	2.064 River	
Intervence         1         4         7		manga w/s	2		TAT-PAINELURAALT	-								
Moccaretor, Nus         1,320         4,000         202,500         5,400         72,000         73,550,000         74,855         1           Nyanza         Province Toal         3,407         5,000         95,6         1,500         16,000         0         2,55,755,5         1           Nyanza         Province Toal         3,407         5,000         95,6         1,500         16,000         0         2,55,755,400         1         <		1 Office W/S					_							
Mail         T, 4, 4, 1         X, 500         Kiteritation         647         6, 300         Energies         6, 15, 000         25, 543         1, 775         7           Nymans Province Toml         3, 400         Organ Rongein         4, 180, 180         20, 000         3%         1, 200         20, 000         2%         1, 200         20, 000         2%         1, 200         20, 000         2%         1, 200         20, 000         2%         1, 200         20, 000         2%         1, 200         20, 000         2%         1, 200         20, 000         2%         1, 073, 475         1         1         2		MUCCENNA W/S		ľ		102 600		120	007 CE			L	52 267:	
Nyarra         Province Total         36, RV7         Min_5/56         6,130, 146         1073, 875         1,073, 875         1,073, 875         1           Kiterrian         647         6,300, Berniti         400,000         3%         1,200         16,000         0         276, 735, 6401         1073, 8775         1           Lower MinitaliXillarga         533         3,000         95%         5,300         96         1,500         0         276, 735, 6401         1073, 8775         1           Lower MinitaliXillarga         530         5,800         400,000         95%         5,32         7,000         9	Total		4	1		NC:51/3			2 Y.		ł			
Kiserian         647         6,300/Bernit         400,000         3%         1,200         10,000         10,000           Lower MinistiSillings         353         4,000/Ongita Rongi         3,000         95%         525         7,000         95%         525         7,000         10		a Province Total	36,897	2		4,130,184			2,167,262	0		1,073,8751		
Lower MiniatioNillarga         333         4,000 Orgata Roagei         3,000,000         976         1,500         20,000         976         1,500         20,000         976         1,500         20,000         976         1,500         20,000         976         1,500         20,000         976         1,500         20,000         976         5,51         7,000         976         5,51         7,000         976         5,51         7,000         976         5,51         7,000         976         5,51         7,000         976 </td <td>iado</td> <td>Kiserian</td> <td>647</td> <td></td> <td>Eremit</td> <td>400,000</td> <td>3%</td> <td>1,200</td> <td>8</td> <td></td> <td></td> <td></td> <td></td> <td></td>	iado	Kiserian	647		Eremit	400,000	3%	1,200	8					
Kibiko         459         5,800 Namelopo         400,000         95%         525         7.000         95%         525         7.000         95% <td></td> <td>Lower Matasia/Silanga</td> <td>353</td> <td></td> <td>Ongata Rongai</td> <td>3,000,000</td> <td>5%</td> <td>1.500</td> <td>20,000</td> <td></td> <td></td> <td></td> <td>_</td> <td></td>		Lower Matasia/Silanga	353		Ongata Rongai	3,000,000	5%	1.500	20,000				_	
Olebeninyeri         213         3,800         0         1         1         1           Olebeninyeri         100         8,000         5,000         8,000         7,200         1,255         1         <		Kibiko	459		Nameiopo	400,000	95%	525	7,000		;			
Olocatest         100         8,000         8,000         7,000         8,000         7,000         1,000         8,000         1,000         <		Olcherinyeri	213											
Bissel         8         20,000         7,200         3.800.000         3.450.000         3.225         43.000         7,200         1.250         7.2700         7.2700         7.2700         7.2700         7.2700         7.2700         7.2700         7.2700         7.2700         7.2700         7.2700         7.27700         7.2700         7.27700 <th< td=""><td></td><td>Oloosees</td><td>100</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td></th<>		Oloosees	100									-		
Rongai         3,600         7,200         3,800.000         3,225         43,000         7,200         12,550           xxl         5,340         55,100         3,800.000         3,225         43,000         12,550         12,550           Chesinende         100         3,600         10,610         15,500         11,550         713         9,5500         71,500         11,500           Sosiot         787         15,000         58,2203         99%         713         9,5500         Xinast         400,000         11,500           Sosiot         787         15,000         Kinastian         56,000         11,503         700         11,500         700         11,500           Sosiot         78         78         713         9,500         Kinastian         7000         11,500         7000         11,500           Sosiot         78         78         713         9,500         Kinastian         7000         11,500         7000         11,500           Sosiot         78         713         9,500         Kinastian         713         7000         11,750           Sosiot         78         78         79         45,105         10,750         14,5105		Bissel	×	20,000				-						
xxl         5:340         55:100         3:600.000         3:225         43.000         12:550           Cheainende         100         3:600 Londiani Rehab.         682.376         75%         869         11.583         Kenabmat         400.000         12.550           Sosiot         787         15,000         682.376         99%         713         9.500         71.500         71.500           Sosiot         78         15,000         682.326         99%         713         9.500         71.500         71.500           Sosiot         78         15,000         81.4ab.         682.326         99%         713         9.500         71.500         71.500           Sosiot         78         15,000         89%         713         9.500         Kinassian         71.6000         11.500           Filter         78         71.0         71.0         71.0         70.000         11.500           Filter         78         71.0         71.0         71.00         71.50         70.00         11.500           Filter         78         71.0         71.00         71.50         71.50         16.500         10.750           Filter         78         78		Rongi	3,600				-							
Chreatmende         100         3.600 Londiani Rehab.         682.376         75%         869         11.583 Kenthmat         400.000         12.550           Sosiot         787         15,000 Kipkeilon Rehab.         638.208         99%         713         9.560 Kipater         730.000         11.500         11.500           Sosiot         787         15,000 Kipkeilon Rehab.         638.208         99%         713         9.560 Kipater         730.000         11.500           Sosiot         781         15,000 Kipkeilon Rehab.         638.208         99%         713         9.560 Kipater         750.000         11.500           Sosiot         781         15,000 Kipkeilon Rehab.         638.208         99%         713         9.560 Kipater         750.000         11.500           Sosiot         78         78         71.00         750         17.50         9.500         11.500         10.750           Soin         50in         10.750         12.700         12.720         12.700         12.700         12.700         12.700	Total		5,380			3,800,000		3,225	\$3,000					
Societ         787         15,000         Kinacian         733         9,500         Kinacian         75,000         11,500           Societ         78         7         15         9,500         Kinacian         75,000         11,500           Kinacian         Kinacian         Kinacian         N/A         5,600         11,500           Kinacian         Kinacian         Kinacian         N/A         10,750           Kinacian         Kinacian         N/A         10,750         145,105           Kinacian         Soin         11,384         10,750         145,105	sieis	Chevinende	100		Londiani Rehab.	682.376	75%	869	11.583 K	otabmat	400,000		3.000 Sprint	
Kinnastan         N/A         5,000           Kinnastan         N/A         10,750           Kinnugi Main         N/A         10,750           Kinnugi Main         11,227,750         145,105           Litein Phase II         14,227,750         127,790	•	Sosiot	787.	L	Kinkelion Rehab.	638,208	\$65	713	9.500 K	ipsitet	750,000		2.500 River	
n N/A 10,750 14,282,750 145,105 11 475,000 12,790								-	Í	imasian	N/N		420 Sprins	
14,282,750         145,105           1         12,790           1         12,700									Ť	imupu Main	<b>V</b> N		806 River	
11 475,000 12,790								+-			14 287 750	1	9.442 River	
				T								1		
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Table - 5.3.2 (8/11) Water Supply Project for Large Scale Rural Water Supply (LSRWS)

Obsite         Desite         Copped         Copped<														
There         Desc         Desc <thdesc< th="">         Desc         Desc         <th< th=""><th></th><th>- (44) - (44)</th><th></th><th>ľ</th><th></th><th>Ongoing</th><th></th><th></th><th></th><th></th><th></th><th></th><th>-</th><th></th></th<></thdesc<>		- (44) - (44)		ľ		Ongoing							-	
Durish         Page Name         Control         <		CXISTED .				Orional	Physical	Design	Design		Estimated	Design	Design	Source of
Denter         Proprint Americania         Control         Control <thcontrol< th="">         Control         <thcontrol< th="">         Contro         Control</thcontrol<></thcontrol<>				Serud	Project Name	Cost			opulation	Project Name	ti di U	Population	Capacity	Supply
Matrix         Matrix<		Project Nume				90		(m <sup>3</sup> /day)			( <del>)</del>		(m /uay)   s 2001 bitu	
Mail         Deck         List         State         List         State         Sta	_								-	vyakach Ext.	nne"/ cs			
Math         110000         11000         11000 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>elu/Kimologit</td><td>Under</td><td>.4.520</td><td>4, 74UI N3VE</td><td>( Martin</td></th<>									1	elu/Kimologit	Under	.4.520	4, 74UI N3VE	( Martin
Paid         Dials Mater Specty         2.0000         Variation mater         Variation mater         Variation mater         Variation mater         Variation mater         Variation			i con	NO AL		1.320,584	-	1.583	21,083		0 16.265.250		0/1/67	O MEALS
Diology neuron         11         Non-Numerian         2000         954         2000         154         2000         154         2000         2000         154         2000	Total		Ve Ve	VVID U		250,000	68%	1,494	19,920	<ul><li>Cunambu/Supili W/p</li></ul>	200,000		3/12	DITOR
And Anticipation         Control         Control <thcontrol< th="">         Control         <thcontrol< th=""></thcontrol<></thcontrol<>	730 Laikipia	Doldol water supply	ធ	8	din otanuni M	00003	Υœ	750	10.000	Vvakumu W/P	175.000		443 River	
Anti- instruction         Section					Lorian/OMC w/p	200,00	250		00000	Viurukuma W/P	175.395.1		6,912 River	
Mut         Laples         Statuti Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Marging         Statut Margi					Ndurumo/Minjore	200	51 CC	10.45	3 000 020	COL SHAVP	1.174.530	20,000	1,333 River	
Mathematical constraints         Mathematical constraints         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			-		Laikipia West w/p	200,000	1%	74'020	000 00	oline day ma	170.000		78 Spri	1
Princip         Semulation (WP         S. S. S. S. S. S. S. S. S. S. S. S. S. S			[]     		Matanya Wentini W/p	3,500,000	1%	99 7-1	1000'25	Liambogo W/r	-			
Officient         2.1         5.000         5.01         5.7140         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         5.75000         7.750000         7.75000         7.750					Newataniro W/P	500	1540	2.400	32.000			001100	R 766	
Onto         Latt         27         Solid Name         Mail         1.2001 Mail         2.2012 Mail				2000.5		4,385,500		28,194	375.920	-		ł	5 743 (R/H	River Snrine
Mathematic         200         3200         5200	l otu			5	Nesta Kirobon W/P	3,200,000	690	1,298	17.300	Lare Kihingo	2. /50,000		200 D 100	
West-street         Solution         Solution         Constrained         Constrained <th< td=""><td>740 Nakuru</td><td>Lunet</td><td></td><td>000</td><td>Volai Menencai</td><td></td><td>246</td><td>585</td><td>7.800</td><td>Maruigushu W/P</td><td>2,391,000</td><td></td><td></td><td></td></th<>	740 Nakuru	Lunet		000	Volai Menencai		246	585	7.800	Maruigushu W/P	2,391,000			
Meter Sheam         size         Accord         Size         Accord         Reliability         Web         Size         Accord         Size         Size </td <td></td> <td>Nyumamithi</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Temeyota W/P</td> <td>920,000</td> <td></td> <td></td> <td></td>		Nyumamithi								Temeyota W/P	920,000			
Chronic Network         Evel         School		West acre								Ndibithi W/P	82 N	8,830	415 8/1	Die
Inspiration         Comparison         Solution		Crater Stream	\$0\$	20.00										
Luke Netron Blook 4         100         1,000	• •	Olenguruone	8											
Tech         Luke Nation Block 2         1751         6.0001         0.3100,0000         1.466         2.55,000         0.001,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.601,000         7.600,000         7.601,000         7.600,000         7.600,000         7.600,000         7.601,000         7.600,000         7.601,000         7.600,000         7.601,000         7.600,000         7.60	•	Lake Nakuru Block 4	100	1X,UUU				I						
Total         1.714         6.4.700         1.0000         2.00000         2.56         1.0000         2.000000         2.000000         2.000000         2.000000         2.000000         2.000000         2.000000         2.000000         2.00000000		Lake Nakuru Block 2	103	9.00		000000		1 883	001.50		Ŷ		4	
Angent Barretsi:         1         4,000 Interstation         300, 000         276         103         13,400         0         260,000         276         103         13,400         0         260,000         276         103         13,400         0         260,000         276         103         13,400         260,000         276         103         21,400         2000         260,000         276         103         21,400         2000         260,000         276         21,21         21,000         26,400         20,000         26,411         21,000         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,410         26,000         26,000         26,411         21,000         26,410         26,000         26,410         26,000         26,410         26,000         26,410         26,000         26,410         26,000         26,410         26,000         26,410         26,000         26,410         26,000         26,410         26,000         26,410         26,410         26,410         26,000         26,410	Total		1.754	84,700		3,200,000		YST.	6.080	Naroosura Irr. Proi.				90
Klipplis         1,315         3,500 Michaele         5000 Michaele         360,000 Michaelee         370,000 Mic	750 Nurok	Angata Baragoi	81	4,000	Imeshariani	100 100		302 -	12 400				_	
Territor         100         3006 Notice Prass         366, 975         476         975         13000           Mulsion         110         200         12.775         0         22,480         20.000		Kiteolis	1,315	3,500	N/Enkare	300,000	101.7	Crv.1	200 C					
Miller         300         12,175         Miller         300         12,175         Miller         300         12,175         Miller         300         30,000         300<		Lemek	100	3,066	Mosiro	386,925	4%	27	1.5,000		-			
Oldungs         110         4,650         773,454         2,480         2,480         2,000         7,000         2,000         7,000         2,000         7,000         2,000         7,000         2,000         7,000         2,000         7,000         <		Mulot	300	12,775					T		     			
Itrashherer         216         9.108         WT3,454         2.410         22,450         50.000         25,460         50.000         25,461         1           Insahherer         2.043         37,19         20,000         376         710         21,127         60,000         25,4701         20,000         25,471         1           Kinnshrie         500,000         376         710         21,127         60,000         26,400         20,000         25,471         1           Kinnshrie         500,000         376         710         24,402         56,00         20,000         25,471         1           Kinnshrie         3111         4,770         1000         376         710         24,402         50,000         20,000         25,000         20,000         25,000         20,000         25,000         20,000         25,001         20,000		Ololunza	ott	4,650				ľ						
2.060         37.180         (73.42)         2.430         5.2.430         5.2.430         5.2.431         5.2.4471         7           Namehoi         560,000         3%         710         2.137         610         2.2.471         7           Namehoi         560,000         3%         710         12.137         610,000         7.706         7.706           Namehoi         560,000         3%         710         12.137         610,000         7.706         7.706           Namehoi         3111         44.770         Nois         100,000         2%         750         10.000         7.706         90.0000         7.706           Namehoi         3111         44.770         1000,000         2%         750         10.000         90.0000         7.706         90.0000         7.706         90.0000         7.706         90.0000         7.706         90.0000         2%         64.5         6.000         7.706         90.0000         2%         90.000         2%         6.000         90.0000         2%         6.000         90.0000         2%         6.000         90.0000         2%         6.000         90.0000         2%         6.000         90.0000         2%         6.000		Ilmasharian	316	9,198										
Kunould         200,000         4%         2,123         Cinamba         50,000         770b           Kunould         Siburg         11,00,000         3%         719         0,213         50,000         770b           Kunould         Kunould         370,000         3%         719         0,915         50,000         770b           Kunould         Kunould         370,000         3%         719         0,915         50,000         770b           Kunould         A111         44,770         Mick before         1,100,000         3%         739         0,915         51,00         7000         27,017         1           Sosion         31         44,770         Mick before         1,000,000         3%         739         6,915         53,000         73,05           Kipriki         0.0         6,800         Kimshiki         1,090         19,923         Micgiveet Wis         530,003         27,559           Kipriki         1,137         14,000         Simuti         8,600         10,992         10,992         13,550         27,559           Kipriki         1,000         Simuti         8,600         10,000         9,23         10,01,31,600         31,350         31,35	La tra		2.049	37.189		873.424		2.436	32,4%0			Ι.	ł	
Kanoncho         360,000         366         781         910         12.137 Ginamba         30.000         366         781         910         2.137 Ginamba         30.000         366         781         910         2.137 Ginamba         30.000         366         781         10.044         0         90.00         2.2.137         1           Anashkoi         3111         44,770         Meinbara         1.100.000         266         751         1         9.000         90.00         26.175         1         9.000         26.175         1         9.000         26.175         9.000         26.175         9.000         26.000         26.175         1         9.000         26.175         1         9.000         26.175         9.000         26.175         9.000         26.175         9.000         26.175         9.000         26.175         9.000         26.175         9.000         26.175         9.000         26.175         9.000         20.000         27.175         9.1000         26.175         9.1000         26.175         9.10.000         27.175         9.10.13.1550         27.1750         27.1750         27.1750         27.1750         27.1750         27.1750         27.1750         27.1750         27.1750         27.1775	10141					200,005		2.1921	29.230	Cheran gani				
Anachkoi         Siburga         120,000         35%         781         10,414         0         90,000         257,179         1           Anachkoi         3,111         44,770         Moit Bridga         1,190,000         4%%         760         5,000         2000         50,000         2000         20,000         25,21,79         1           Anachkoi         3,111         44,770         Moit Bridga         1,100,000         4%%         760         5,000         200,000         25,21,79         1         0         90,000         20,000	100/ 1 rans Nzola				Kimondo	300,000		910	12,137	Gituaraba				
Amerikani         Antibore         470,000         2%         519         6,915         0         90,000         22,179         1           Amabkei         3,111         4,770         Moit Bridge         1,100,000         4,875         8,000         90,000         50,000         90,000         26,000         36,000					Sibanzo	120,000		781	10.414					
Ainshkoi         3,111         44,770         Nois         1,190,000         4,400         Ainshkoi         0         9,00001         6,0001         6,0001         6,0001         6,0001         6,0001         6,0001				Ì	Kachibora	470.000		519	6,915				Т	
Ainebkoi         3,111         44,770         Mois Bridge         1,000,000         4%6         750         10,000         4%6         750         10,000         70,000         70,000         70,000         70,000         70,000         70,000         70,000         70,000         70,000         70,000         70,000         70,000         757         1,409         1,972         Moisyle Kabelu         700,000         700,000         757         1,409         1,972         Moisyle Kabelu         730,000         200,000         756         8,400         Numbelu         230,002         200,000         700,000         757         1,409         1,972         Moisyle Kabelu         730,002         730,000<						1.190.000		4,402	58,696			4		ing Dam River
Notimenol         36         4,000         Americi         900,000         35%         1,494         19,521         Mole         Nove         Nov         Nove         Nov	1.0(1)		111 5	44.770	Moi's Bridge	1,000,000		750		Ainabkoi			ľ	
Keyringit         00         6,800         Yanumbi         170,000         35%         1,494         19,223         Mospower W/S         350,002         1,400         1,173         14,000         Sumbut         8,000,000         52%         645         8,600         0         1,315         1,315         1,315         1,315         1,400         1,173         14,000         Sumbut         8,000,000         52%         645         8,600         0         1,315	770 Uasan Crisha	(Automoto)	96	4.000	Ainabkoi	000'006		6,450	4	Kambi ya Kabatu				
Minimulation         Automation         1,173         14,000         Sumbut         R,000,000         52%         645         8,600         1.173         14,000         Sumbut         R,000,000         52%         645         8,600         1.173         14,000         Sumbut         R,000,000         52%         645         8,600         1.173         14,000         Sumbut         R,000,000         52%         645         8,600         1.113         11,113         11,113         11,113         11,113         11,113         11,115         11,115         11,116         11,116         11,116         11,116         11,116         11,115         11,115         11,116         11,115         11,115         11,116         11,116         11,115         11,115         11,116         11,116         11,115         11,116		PUSSIAN Vontorer	09	6.800	Yamumbi	170,000		1,494	19.92	Mognywet W/S	100'000	1		
Kupundia         0x0         4,600         4,600         1,000         4,501         10,070,000         9,339         12,452         13,15.022         313,550         11           Woi University         1,000         4,227         10,070,000         9,339         12,4,523         0         1,315,032         313,550         14           Note University         11,3,13         13,1350         %         780         10,405         6         10,405         6         10         1,315,032         313,550         14           Siger/Langia         473         3000 Signitie         311,850         %         780         10,405         1000         2,2771         ME           Bonet water supply         1.200         4,006         8%         1,196         15,952         8%         1,190         215,952         313,556         176           Chapalungo         1,200         10,000         8%         1,906         15,952         8%         1,906         7366         7766           Chapalungo         1,200         10,000         8%         1,906         15,952         8%         7366         7366         7366         7366         7366         7366         7366         7366         7366		Mai Barracke	1.173		Sumbut	8,000,000		645	8,600					
Yumumbi         980         7.665         1.315.052         313.550         1.315.072         1.315.000         1.315.000         1		From Denness	080	1										
Moi. University         16001         4,267         13,133         10,070,000         9,339         124,523         0         1,315,032         313,550         14           Could         8,367         113,133         10,070,000         9,339         124,523         0         1,315,032         313,550         14           Found         8,367         113,133         30,070,000         978         493         6,567         Xipabova         800,000         227,773         313,550         14           Siger/Langia         473         5,000         8,591         13,463         6,567         Xipabova         800,000         22,777           Bornet water supply         11,200         10,000         8,561         13,955         8%         1,196         15,957         Xim         210,000         7,965           Chepalungo         1,200         10,000         8,551         8%         1,196         15,575         Xim         210,000         7,965         200           Chepalungo         1,200         10,000         8,551         Kimogrowa         137,000         7,765         200         214,764         216,760         214,764         216,760         214,764         216,760         214,764         214,7		Visumbi	980	7,665										
Avangai         2,027         27,032         113,153         10,070,000         9,339         124,529         0         1,315,032         313,550         14           Foul         8,367         113,133         10,070,000         9,339         124,524         0         1,315,032         313,550         14           Siger/Langian         473         5,000         8,561         313,450         %         780         10,405         Creater Bomet         30,20,577         ME           Bomat water supply         1,200         1,000         4,000         8%         1,196         15,957         Kinolibooua         210,000         7,965           Bomat water supply         1,200         10,000         Kaprilouson         15,957         Kinolibooua         210,000         7,965           Chepalungo         1,200         10,000         Kaprilouson         1,561         215,000         7,765           Chepalungo         1,200         10,000         8%         1,1966         15,567         117,000         210,000         7,965           Chepalungo         1,200         10,000         55,000         25,572         8%         1,196         177,560         17,566           Chepalungo         1,200 <td></td> <td>Moi University</td> <td>16001</td> <td>4,267</td> <td></td>		Moi University	16001	4,267										
Totol         8,367         113.133         10.070,000         9,339         124,533         0 <th0< th=""> <th0< th=""> <th0< th=""> <!--</td--><td></td><td>Aronani</td><td>1027</td><td></td><td></td><td></td><td></td><td></td><td>ļ</td><td></td><td>ļ</td><td>ł.</td><td>Į</td><td></td></th0<></th0<></th0<>		Aronani	1027						ļ		ļ	ł.	Į	
Old         Sign/Longia         473         5,000         22771         425         423         6,501         Kipibborus         6,000         7,302         771         726           Bornet water supply         1,200         10,000         Kapterus         235,552         8%         1,196         15,955         8%         170,000         7,365           Chepalunge         1,200         10,000         Kaptebengweit         235,552         8%         1,196         15,955         8%         170,000         55,000         25,555           Chepalunge         1,200         10,000         Kaptebengweit         235,552         8%         1,196         15,955         8%         170,000         55,000         55,000         55,000         55,000         55,000         55,000         55,000         55,000         55,000         55,000         55,000         55,000         56,000         7,700         7,700         7,7300         7,300         7,300 <t< td=""><td></td><td></td><td>8.367</td><td>Γ</td><td></td><td>10.070,000</td><td></td><td>9,3391</td><td>٦</td><td></td><td>1</td><td></td><td></td><td>3</td></t<>			8.367	Γ		10.070,000		9,3391	٦		1			3
Disperimentation         4.000         4.000         Apply         1.200         4.000         Apply         1.200         1.700         55.000         55.000         55.000         55.000         55.000         1.764         1.764         1.764         1.754         1.756          1.756         1.756<	Total		473		) Sezutiet	313,850		780		Greater Bornet	30.270.59	5		5
Bornet water systery         1,200         10,000 Kaptebengweit         2:35,552         8%         1,196         15,955         Künogooo Pri, Sch.         2,10,000         1,000         55,000           Chepalungo         1,200         10,000         55,000         55,000         55,000         171,000         55,000         55,000         177,000         55,000         55,000         177,000         55,000         5,000         55,000         5,000	780 Bornet	Digor/Lubra	1000		Di Kaporuse Dam	425,000	ļ			Kiplabotwa	0000	1		
Undpaining         Kapitalwo         170,000         35,000         4,764           Mogenber         122,000         14,764         123,000         14,764           No         Nogenber         122,000         14,764         123,000         14,764           No         Nogenber         122,000         14,764         123,000         12,300         12,300         12,300         12,300         12,300         12,300         12,300         12,300         13,310         13,300		DOMEL WAVE SUPPLY	000	ľ	N Kanteben ewet	235.552				Kimogoro Pri. Sch.	210,002	ſ		6
Mogenhet         172,000         14,094           Yagenck         2,330         2,339         2,334		Chepaungo								Kaptilolwo	170.00			
Yaganek   4/3.0001 /										Mogombet	132,00		ľ	
2,4501 32,924 00 32,924 01 32,150,1971 (U/(n42))										Yaganck				2
			1			074.40		2,469	32,924				ļ	

Water Supply (LSRWS)
: Rural
Scale
Large
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(11/6)
Table - 5.3.2 (9/11)

-	) is set in the set of				()monto					Plane	Planact(Descred		
			Population		Original	Physical		Design	-	Estimated	Desig		Source of
Code District	Project Name	(m'/day)	(sov)	Project Name	5 G	Status (a)	(m <sup>3</sup> /dev)	Pepulation (No.)	Project Name	59	Population (Nos)	(m <sup>2</sup> /dnv)	Supply
2001 (Then smare	An esta (Haracohu/e	0	4 000	4 000 Ololmacui W/P	000.51	245	5011	15 000					
	I alvorien W/S		005 6									-	
Total		X	7.500		15.000		211	15.000					
A10 Baringo	Narusura	750	11,000	11,000 Sacho/Remo	1,700,000	707	725	9,700	9,700 Beregsi Dam	5,000,000	31,6221	2,372 Dam	Dam
-	Chemeron	21	17,000	17,000 Arror/Saimo	168,942	929	768	10.500	10.500 Seerer	475,000	5.0821		361 (Stream
	Torongo	480	8,000	8,000 Kabartonjo Kulkuj	1,875,750	94	1,013	13,500					
	Otkokwe	166	4 000	4 000 Timboroa	60,000	1006	1.470	19,600					
				Toron go	50,000		1.841	24,543					
		-		ASAL Programme	165,000		1.875	25,000		-			
Total		1.411	40,000		4,019,692		517.7	CTR 201		5,475,000	346, 704	2.7531	
820 IIIgryo Manikwet   Kpatarakwa	vet  Kpatarakwa	534	N 000	N.000 Kapcherop Ph 1	120.000	24.6	10/1.1	15,600	15,600 Ketut/Olor Ph II	100,000	10.650		335 j.Im. Furrows
	Nerkwo	5	4.088		1,500,0001	22%	3.750	50,000	50,000 Sessivišimbobut	130,000 [	5.225		242 Irri. Furrows
	Kapsowar	1,600	5,000 Resim	Kasim	210,000	484%	375	5,000	Metkel/Musgut/Toot	8,000,000	125,163	14,062	14.062 Torok, Kimwarer, Magie Rive
	Kaptarakwa	840	4,400	4,400 Chesungel-Cheptongel	62,160	574h	615	A,200	8,200 Kapsowar Extension	100,000	12,750		680 Emaston River
	Chepkorio	64 64	4,500		1,086,000	1%6	2,625	35,000		2,160	27.000	r,	River
					38,000	10.0	1,800	24,000	24,000 Metkei-Muagut Toot	8,000,000	125,163	14,062 River	River
			ſ	Sergoit	15,000,000	22%	375	5,000 Toot	foot	630,000	8,000		S18 River
				Lekwa	175,000	940	375	5,000	5,000 Kamalil-Kamosong	440,523			550 River
		†						Í	Chemwabul-Kiptulos	625,000		484 River	River
								Ī	Kinsesun		20,295		
Total		3.223)	26.388		18.191.160		11.085	147,800	0	18,027,683	347.946	1	
830 Nundi	Nandi Hills	263	15,000	Sarom W/P	2,000,000	859	450	1000'9	6,000 Lessos Dam		15,000		River
<u> </u>	Lelmokwa	312	4,000	4,000 Meteriei	1.000,000	1.9	1,125	15,000 1	15.000 Kipkurten Dam	450.000	20,000		River
	Kemeloi Kobujoi Ph I	517	10.0001	10.000 Kipkarten Dam	6,000,0001	206	1,875)	25,0001	25,000 Kamarich	400,000	20,000	2,500!River	River
				Ketbarak W/P	280,0001	590	1,200	16,000 Kipsigak	Cipsigak	4.700.000	82,000	9,000 River	River
				Kaigat	161.000	82%	375	5.0001	5.000 Kurging	14.000.000	140,000	16,000 River	River
				Kapchorwa	25.000	259h	638	8,500 (	8,500 Chemase	475,000	10,000		River
				Kimaam	40,000	65%	450	6.000 Kabiyet	Gabiyet	344,500			1.500 Ngaam stream
								-	Meteitei	740,000			River
Total		1.092	29,000		9.506.0001		6,113	81.500	Ö	5	310,000	35	
840 Samburu	Londongokwe	192	4,000 /	4,000 Archers Post	25,000	946	465	6,200 /	Arches Post	120,000	6,200		553 Buttalo Spring
	Kisuna	192	4,000										
	Baragoi 1 Borehole	60	4,000				÷						
	Baragoi 2 Borchole	1 31	4,000										
	Sugata marmar water supply	1.200	3,000									~	
	Archers post	864	4,000										
	South Horr water supply	1,200	10,000		·	-					~		
	Loikas water supply	133	30,000							-			
Total		3,872	63,000		25,000		465	6,200	0	120,000	6,200	553	
850   Turkana	Katilu	138	5,000 Kainak	Kainuk	72,845	1%	593	7,900					
	Lokori	197	7,000)	7,000 Kalobeyei	79,500	75%	675	000.6					
	Kainuk	72	9.300 Lokori	Lokori	42,500	160	450	6.000					
	Lokichogio	405	5,400				 				-		
	Loarowgak	144	7,000										
	Lokichar	120	7,000				_					_	
Total		1.076	40,700		194,845		1,778	22,900			-	_	

Table - 5.3.2 (10/11) Water Supply Project for Large Scale Rural Water Supply (LSRWS)

Acres 1

Diorder         Texator         Control         Organism         Dispet Name         Dispet N										ł		Plana	Planned/Desumed		
Didd         Transit         Design         Typesit         Design         Typesit         Design         Typesit         Design         Design <thdesign< th=""> <thdesign< th=""> <thdesign< <="" th=""><th></th><th></th><th>Fishing</th><th></th><th></th><th></th><th>Ongoing</th><th></th><th></th><th></th><th></th><th></th><th></th><th>Design</th><th></th></thdesign<></thdesign<></thdesign<>			Fishing				Ongoing							Design	
Dirticle         Total Model         Series (Last)         Series (Last) </th <th></th> <th></th> <th></th> <th>Design</th> <th>Population</th> <th></th> <th>Original</th> <th></th> <th></th> <th>Design</th> <th>Project Name</th> <th></th> <th></th> <th>Capacity</th> <th>Source of Sumply</th>				Design	Population		Original			Design	Project Name			Capacity	Source of Sumply
Wert fracht         Teartifikensiget         Colline         Colline <th>Code</th> <th>District</th> <th>Project Name</th> <th>Capacity</th> <th>Served</th> <th>Project Name</th> <th>Cost Cost</th> <th>··</th> <th></th> <th>No.)</th> <th></th> <th>1</th> <th></th> <th>(m*/day)</th> <th>Level lace</th>	Code	District	Project Name	Capacity	Served	Project Name	Cost Cost	··		No.)		1		(m*/day)	Level lace
Wet Holds         Terrel Holds         Exclosion         Station	_			(m'/day)	(10) (10)	Charlense of the second second second second second second second second second second second second second se	23.000		413	8	/walatekce/Morbus w/p	0.155m	15,000	750: Kiver	
Openantysis         State         Azial Veneneeneene         Azial Veneneeneene           Openantysis         0.81         Azial Veneneeneene         0.81         Azial Veneneeneene         0.81         Azial Veneneeneene         0.81         Azial Veneneeneene         0.81         Azial Veneneeneeneene         0.81         Azial Veneneeneeneene         0.81         Azial Veneneeneeneene         0.81         Azial Veneneeneeneene         0.81         Azial Veneneeneeneeneene         0.81         Azial Veneneeneeneeneeneeneeneeneeneeneeneenee	X6U		Tartar/Keringet	301		Cherner	000 14	4001	48.750	650.000				-	
Chergensi vol.         CARP         Component vol.         CARP         Component vol.         Control         Contro         Control         Contro <td></td> <td></td> <td>Ortum W/S</td> <td>548</td> <td></td> <td>Y Walatexe/Morous</td> <td>222</td> <td></td> <td>-</td> <td>ĺ</td> <td></td> <td></td> <td></td> <td></td> <td></td>			Ortum W/S	548		Y Walatexe/Morous	222		-	ĺ					
United Bn (10)         1.340         1.440         1.440         1.440         0.105         0.550         0.105         0.550         0.105		-	Chepweria w/s	685				ł							
Internet         101         400         400         6,100         6,100         1,000         1,1500         1,000         1,1500         1,000         1,1500         1,000         1,1500         1,000         1,1500         1,000         1,1500         1,000			L/Prog. B/h (90 Drilled. 75	1.383									+	_ -	
Homeline         1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,			(Installed)	107								Ĩ		140	
Milling         Fronteer Tent         Xii die Xii die Neuron         Sii Xii die Xii die Neuron         Sii Xii die Xii die Xii die Neuron         Sii Xii die Xii die Xii die Neuron         Tit die Xii die Xii die Neuron         Tit die Xii die Xii die Neuron         Tit die Xii die Xii die Xii die Neuron         Tit die Xii die Xii die Neuron         Tit die Xii die Xii die Neuron         Tit die Xii die Xii die Neuron         Tit die Xii die Xii die Xii die Xii die Neuron         Tit die Xii	-+	Ĩ	Kacheltoa	121 6	ſ		46,000		49,163	655,S00		ō	1000 CT	100 600	
TVIMP         Marking         State         <		Total		#174	Ł		52 X11 AD7		130,910	1 745,460		104,356,2631	1, X25, 714	lone for t	
Markin Healin Centre         3         2100 Junti (Noti)         2100 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti)         1150 Junti (Noti) <t< td=""><td></td><td>Hift Valley</td><td>Province Total</td><td>35,146</td><td></td><td></td><td>142 241</td><td>1.6</td><td>6.082</td><td>93,092</td><td>Captama/Silchendu/Silchendu</td><td>2,400,000</td><td>130,000</td><td>6,841 Sprin</td><td>2</td></t<>		Hift Valley	Province Total	35,146			142 241	1.6	6.082	93,092	Captama/Silchendu/Silchendu	2,400,000	130,000	6,841 Sprin	2
Rotal Frainit Centre         41         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	l 2		Naitiri Health Centre	3		Little Nzola West	002 24 P		202	1000	Woteka	175.000	25,000	1.500 B/H/S	Spring.
Keinerial Healin Centra         at         3X,06/Sheinerial         3X,06/Sheinerial         3X,06/Sheinerial         3X,06/Sheinerial         4X,00/Sheinerial         4X,00/Sheineria			Bokoli Hanith Centre	44		Muchi/Milo Khalumuli	185,500	0		1000		NE	10.000	750 Spring	60
Middler         23         5001         Unwarent         23         5001         Unwarent         No           Kindeli Cemplete         75         600         10         10         No         10         No         10			Volumbal Manish Contra	14		Sichel/Nalondo/Kabuchai	30,000	32%	1,200			A.K.	NOO X	600 River	
Klinbli Gemplet         81         6.000         Natri				3							E/W Saboti	2	000.0	COD R Une	
Kulturel         Size         Kund           Lichona         200         15,000         14,000           Kaposenen         201         1,000         1,5000           Kaposenen         201         1,000         1,5000           Kaposenen         2,73         6,000         1,41,000           Kaposenen         2,73         6,000         1,41,000           Kaposenen         2,130         6,000         1,41,000           Kaposenen         2,130         6,000         1,41,000         2,41,000           Kaposenen         2,130         6,000         7,61         2,750         2,750           Kaposenen         2,110         1,0000         7,61         3,751         2,750         3,500           Kaposenen         2,100         3,551,19         3,551,19         3,551,19         3,551,10         3,551,10         3,551,10         3,550           Kabosenen         2,500         3,756         6,620         3,500         2,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500         3,500			Machweie						-		Naitúri	AF	3	2000	
Technik         2/3         2/00         <		<u></u>	Kibabu Complex		1						-				
Kingsponency         260         12,000         17,000         20,000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         12,1000         13,100	-		Lukhuna	275											
Kojmize/Chatiko         13         4,400         4,400           Complexies         7:21         17,000         7:21         17,000           Komplexies         2:70         60,000         50,000         1,600         50,000         141,000           Kenderkies         2:70         1,000         3,342,8200         75         2,575,000         141,000           Total         2:20         50,000         3,342,8200         75         2,590         141,000         1<10,000			Kapsokwony	296			Ī						-	-	
Cherente         721         17.000         721         17.000           Netricis (Matureline         2.000         50.000         55.000         141.000         25.000         150.000         55.000         5			Knptama/Chesito	48					Ī						
Netricity, Makuretiva         2,710         60,000			Chenkube	721						Í					
Noticity         Kervier         1,600         50,000         7%         3,73         6,000         1,81,000         3,75,000         1,81,000         3,75,000         1,81,000         3,75,000         1,81,000         3,75,000         1,81,000         3,75,000         2,575,000         3,75,000         2,575,00			Volivei-Makuselwa	2.730						Ţ			1		
Dial Kheideri         460         25,000         5,000         1,32,200         5,000         1,31,020         2,575,000         31,000         2,575,000         31,000         2,575,000         31,000         2,575,000         31,000         2,575,000         31,000         2,500 </td <td></td> <td></td> <td>Roilalt / Kihiatari</td> <td>1 1.680</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td> <td></td>			Roilalt / Kihiatari	1 1.680											
Total         2.040         5.000         13.322,300         9.077         12.1022         2.555,000         13.1000         1           Chviete         2.312         84.000         3.382,370         9.077         12.1022         2.555,000         13.1000         1         2.555,000         13.1000         1         2.555,000         25.55,000			Did Vikiani	480	1										
Tenking         2.312         NA.000         3.312, NA.000         A.31,000         11,1022         2.575,000         131,000				2.040	Ļ										
Total         10,853         355,119         3.35,319         3.35,319         3.55,370         9,077         121,022         3.57,000         3.57,000         3.57,000         3.57,000         3.57,000         3.57,000         3.57,000         3.57,000         3.57,000         3.57,000         3.57,000         3.50,000         3.57,000         3.57,000         3.57,000         3.57,000         3.50,000         3.57,000         3.50,000         3.57,000         3.50,	_		Citacie	2312				-				2 696 000	Ĺ	10-01	
Total         Total         University         Lumber         250,000         Busin/Mundlian         1,0126,000         778         3,750         8,0000         Perr Victoria         250,000         233,000			C. Nes IKAAK		Ľ		3, 382, 820		9.077	121.022		00010101017			
Planyuk/Burnala         420         27.000         27.56         2.8.50         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         37.66         0.8.370         0.8.350         0.8.370         0.8.370         <		Total		10.55	1		1 025 0001			50,000	Port Victoria	250,000	25,070	1.243 1.44	AOTIB.
Wuchungu         1         5,550 hanyata/bureta         4,250,000         37%         6,028         8,370         5         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,30         6,000         5%         4,50         70,000         5%         4,50         6,000         5%         4,50         7000         7%         4,50         70,000         7%         4,50         70,000         7%         4,50         70,000         7%         4,50         700         70,000         7%         4,50         700         70,000         70         70,000         70%         70         <	0	Busia	Funyula/Bumala	424	1	Duski munuka	000 011	ŀ	İ	38.000					
Sio         4.717         Matabale Kocholia         4.250,000         57%         4.501         5.000         5.001         5.000         5.001         5.000         5.001         5.000         5.001         5.000         5.001         5.001         5.001         5.001         5.001         5.000         5.001         5.000			Wakhungu			h Funyuia/Bumala	2000/074	-	863.8	88 370					
Amukura Complex         30         4.000         776         6.023         8.5,70         775         6.023         8.5,70           Amukura         30         4.000         375         6.023         8.5,70         7 </td <td></td> <td></td> <td>Sio Part</td> <td>354</td> <td></td> <td>7 Malaba/ Kocholia</td> <td>4,220,000</td> <td></td> <td>100</td> <td>2000 9</td> <td></td> <td></td> <td></td> <td></td> <td></td>			Sio Part	354		7 Malaba/ Kocholia	4,220,000		100	2000 9					
Amikura         30         4,000 Mateba/Kocholia         4,250,000         3/%         0.00         0.00         0.000 Mateba/Kocholia         4,250,000         3/%         0.000 Mateba/Kocholia         0 <th0< th=""> <th0< th=""> <th0< th=""></th0<></th0<></th0<>			Amukura Complex	30		Ojibo/ Namasumbi	70,000	ľ	1024					-	
Part Verenia         600         10.0			Amukura	т Т		O Mataba/Kocholia	4.250,000		070'0						
Busia Hills         k40         15.000         15.000         15.000         250         7.000         250.000         270.000         7         250.000         270.000         7         250.000         270.000         7         250.000         250.000         250.000         250.000         250.000         250.000         270.000         7         250.000         270.000         7         250.000         270.000         7         250.000         270.000         7         270.000         7         250.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         150.000         100.000         150.000         100.0			Port Victoria	000											
Function         250         7,000         2001         12,800         25,000			Husia Hills	84		0									
Flburnila         1.021         1.2,800         25,070         2         25,070         1           II         Bu/ura         3.552         92.067         10.0000         7%         465         6,200         3,125         100.000         7           Bu/ura         W/S         3.16         4,500         100.000         7%         465         6,200         3,125         100.000         7           Bu/ura         W/S         3.16         4,500         100.000         7%         465         6,200         3,100         15,000         100,000         14,000         100,000         14,000         101,000         100,000         14,000         100,000         14,000         100,000         14,000         100,000         14,000         100,000         14,000         100,000         100,000         14,000         100,000         14,000         100,000         14,000         100,000         100,000			Furvula - Nanéha	12		6									
1         3.532         9.2.057         10.005,000         7%         4.55         5.20         8.500         7.125         100.000         7           Bukurs W/S         9.2         4.500         Multalikha         100.000         7%         4.5         5.200         8.100         7.125         100.000         1           Shikurs W/S         9.2         4.070         100.000         7%         4.5         6.200         8.16         7.125         100.000         1           Shikurs W/S         9.2         4.370         100.000         7%         4.5         6.200         8.100         8.400         1         1         7.125         100.000         1         2         2         0.00         1         2         2         0.00         1         2         2         0.00         1         2         2         0.00         1         2         2         0.00         1         2         2         0.00         1         2         2         0.00         1         2         2         0.00         1         2         2         0.00         1         2         0         0         0         1         1         1         2         1			Filmmain	8		0						150.000			
Bukurs W/S         316         4,500         Mwikalikha         100,000         7%         465         0,200         570,000         15,000         1           Shikuns W/S         92         4,070         100,000         7%         465         0,200         5000         15,000         1         5000         1         1         5000         1         5000         1		Tatal		3,53		7	10.005,000			2	1	2.125	["	İ	
Nikura WS         92         4.070         8.000         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000         8.400         100.000		10001	Bulance W/S	31		Mwika	100.000				Shroit II	000 0000		l	
3.2.6         4.3.50         NM	9	Какатеди	DUAUS TILS				_				Kopstro	nn n/ -	ļ		
X50         X500         X51,155         X1,350         X1,350<			Shukusa waa		ł						Kamtiong Kaptola				
7:00         10,000         8,500         8,500         8,500         15,000         15,000         15,000         17,000         1           4,952         15,000         1,000         1,000         1,000         1 <td></td> <td></td> <td>Lumakanda</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Kaptama/Kaboron</td> <td>100.000</td> <td>ļ</td> <td></td> <td></td>			Lumakanda								Kaptama/Kaboron	100.000	ļ		
4.500 60.000 A.500 10.000 A 40.00 Chekalini N/E 47.000 A 40.50 A 40.00 A 40.50			Soy	2	1						Kabowe	200,000	1		
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	Fixe	Existing			Chesting Chesting					[]B	Planned/Designed		
		Design Pop	Population		Original	Physical	Design	Design Design		Estimated		esign	Second of
Codel District	Project Name	Capacity S	Served	Project Name	Cost	Status	Capacity 1	Population	Project Name	Cost	Population	pacity	Sumbu
		(m <sup>3</sup> /day) (	(Nos)		(KE)	(0) (0)	(χερ/ζ <del>μ</del> )	(No.)		(KE)		(m <sup>*</sup> /day)	Audeine
940  Vihiga	[fumbo/Shamakhokho	1 50	4,500								_	-	
	MatudVSiruto	201	3.830								· ·		
	Magui-Buyani	200	8.240										
	Moi Girl's Vekoli	61	15,450										
	Kaimosi	1,440	52,500										
	Sovieni	720	10.000									-	
Total		100512	04.520										
Wester	Western Province Total	7.007	A47,716		13,487,820		29.K47	107.062		3,402,12	3,402,1251 290,3701	23,310	
TUTAL		448,502 4,484,047	\$4,047		203,465,240	-	657,926	657,926 8,772,351		1 454,455,78	454,455,7841 4,898,2011 3	375,804	

Source Field Survey by the Study Team Project Rehabilitation Survey by the Ministry of Water Resources Project Status Report 96. Ministry of Water Resources. Dec. 1997

Brief on National Water Conservation and Pipeline Corporation's Activities and Present Status, National Water Conservation & Pipeline Corporation, Sep. 1997 The Study on the National Water Master Plan, Water Resources Assessment & Planning Ministry of Local Authority Table - 5.3.3 (1/18) Water Supply Project in Small Scale Rural Water Supply (SSRWS)

Code District	i hatana				Cheroling								
Kiambu			1		-		Takin			Estimated	Deited	Design	Source of
Kiambu		Design	Population	Project Name	Cost	Physical Status	Capacity	Population	Project Name			Capacity	Supply Supply
Klanibo	Project Insume	- apacity	Served .		Ş	(ag)	(m <sup>2</sup> /day)	(No.)		g		(m /da V)	
- Kianbe		127 1240 127	TT ACK		1.750.000	409 10		N/P KUHEN	Unigu	1.440	3		
	Kljabe				0000001	40%		1 3/N	N/E Kamuge	720,0001	050.5	10 BVH	
	Cithunguri Cla Gichama		N	Indrautic IVA	2000 000 2	204		NEL	libition	1,440	3,200	240 H/H	
	Cethange	13	2,287	Cituamba Neutho	ormorion of	4.04	ł	100	VIII Carbina	360,000	500	121 River	er
	OndiruCikembura		7.	Nil Catuanyarga	2,500,000	20%				977	00572	188 River	ľ
	K annual la		ź		-	_			MULTITH ANOURO		0.00	HVB:SCC	
		147							Magina Gachiengo			ter l'uter	
	Koot Cutoment		Ī						Muthande	ZVE			
	Others	8,728	T				Í		Give Otds	250,000	420	100 Kiver	er
<u> </u>		-							Kinale Ge	250,000	420	100 84	100 Kivet/Stream
									C. Annual Dick!	125,000	10.1	100/NCC	Ų
										57 - C	55	33 Kiver	å
									Nyakianda	201			
						-		_	Kemirihu Tarabana	8 9 9	22	MEIN	
									Xaros	R.	N.P.	N/E RWer	êr.
<del>-</del>									Iula Fam	2,840	4,000	300 River	Jef.
								T	Certororo	120,000	06***	354 River	čc
·							1			1.909.940	27,950	1,9634	
1.4101		9,062	27072		20,250,000		ō			00076	1 000	417 Krver	ler I
	121 - Flanki	20%		Nindcheru/Kannunyange	31,856	40%	360		4,800 Gathungun		2	20 Eture	
E20 INIMUYEE	(Choimor		NW.	Munul H	25,065	\$09 80	98		1,300 KJaumbui/Clathoge	C/X	5		
	Kugeda W/P	7174T		Vanuali	115.000		45		1.296 Klangma	27,500	809	N:00	Į,
	Kinnyara Hugh Sch.				000011	ROSI	146		2.500 Thumaita	くえ	8	68 Krvct	J.
	Muranit Schelp	280	1	Kenera W//	200'DTY		Ĭ		1 000 Kiambago	V/V	42	N/A River	ret
–	Kaguma S/Help	1		200 Ngjaduri	- mononz				KdD VTonduro	400.000	410	1.176 Kiver	,er
	Kiburta Oiria Sec. Sch.	166		) Thurnaite Sec.Sch.	4,200	4.90	Q.		Principality		•	-  Kiver	ver
	Nvaru S/Help	418					Ī		Autoria Waren u/n	18,633	82	170 River	ver
	Ahiti Ndomba	SIE	0001							40.000	1.500	120 Niver	ver
	Gathiziditi Prison	192	1,245						Novie algorithme	200,2%	1327	143 River	ver
	Kamuari E.T.C	8							mannanna.	00001	598 C	414 Hive	ver
	Kubara O. S.S.		095			-			Winotore		5	165. River	Ver
	Wanney Annived	4,553							Ngehika				
	Roof Catchment	0											
	Ches.									1153 037 1	10.253	1516	
Tain'F		201 7	10.975	1	486,141		865	00211		1307		4501G	450 Gatango River
	(Claimo	69	ļ	6		-			Kihan			243 N/E	E.
		10							Thangtra				KAN Massa Uluer
	Kool Calchment								Gethungurun	ZE		1000	
	Others	197. 92							Kambiti	NE	BN	SIOS	SSOISebaseba Huver
									Nizumo	NE		NEIG	lihika Kiver
										0	7.500	54147	

Tables

Small Scale Rural Water Supply (SSRWS)
Water Supply Project in
Table - 5.3.3 (2/18)

Code District 240 Nynndarra													
Nyanda		Design	Population		Original	Physical	Design	Design		Latimated	Design	5 1	Source of
Nyandarra	Project Name	Capacity	Prvrač (rok)	Project Name	Cost	Slatus	Capacity	Population	Project Nanxe	5 Cost	Population (Nos)	Cepecity (m <sup>1</sup> /dau)	Supply
e trouble	for the start to start.		1	Mission & Bulliola	505 F	- Ve	101	- C34	Mutteri UH	109.407	1572.5	272 IR	ver
			1			8						-toth/d. Us	Hola
	Nitures	2		KATALI D/HOIG	0000	185C	177		4,400 WFN				
• • •	U/Ollpit	46		Kambea	35,000	20%1	22	1.00	1.000 Kirimangu	200.000			101
	Pattenga	30		Milanghe Nyakiamb	50,000	50%	1616	124	Keimbege Ph. II	000'00-			ver
	Matindiri	- 25		U/OIM Phil	\$0,000	40%	ŏ	Z	Mwireri	150,000		360 River	ver
	Milanghe	271		400 Kiburuti	20,000	80%	3	100	700 Kanjuit	300,000	2,000		ver
	Manyatta	3		Tunishi Hoxo w/A	400	\$05	÷	18	100 Manyatta Ph. II	20,000		240 B/Hol	Hole
	Neuroneo	ļ					-		Klizanto	150,000		360 KUVer	ver
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	Structed	-											
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	Netadovia Police w/s	45	Ż										
	Northern Rouse Co	i))(	2										
						•	ł						
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	Network Ferning	5	2										
	Karai Pamets w/s	96				-+							
	Murichu W/P	1											
	Mahizuini	ถ				_							
	Njablal	14	962 2							-			
	Magunu Ph. 1	Ŕ			-								
	Karati	<b>8</b> 8	518										
	Oraimutia	10	1,800										
	L/Kartko	117	3,000										
	Roaf Catchment	141											
	Others	4,643								_			
Tutel		1 6.319	095'61		211,500		975	12,994		1.088.707		71	
Nyeri	Koof Catchment	1022	ſ	Ostungangs	28,000	100%	176	2,340	Naromoru CC	A5,000	"	404 River	ver
•	Others	*KEP!		Netrobi Irr.	25,000	50%	18.5	2.500	2.500 Mwitelthe	33.674	248	13 River	iver
				Klen	000'6	90%	18.6	250	2.500 Kabunda	656,437		1,756 River	wer
				Nyaribu	30,000	75%	16.6	250	2.500 Neceste	810,000		1,396 River	Ner
			Î	Kabenders In.	150,000	100%	158	2,100	2,100 Mugonda	•	2,769		Ver
			Ī	Katenders Nearonghro	15,030	\$05	8	2,000	2.000 Klawalturu	Ż	Ż	NII: River	ver
				Thie (Tetu Thegenge Aug)	35,000	BOS	õ		RNA Simbara	Ż	Ż	NJI River	ver
			ļ	Muhovaa	3.250.0001	40%	0		RVNA ICUER RUEAL	500,000	4,650	8.100 RIVAL	Ner
				Labura	16.040	806	150		2,000 Mutbul- Ini	Z	172	NII RIVER	ver
				Klanzurwe/Klamachimbi	RNA	100%	115						
			Ī	finition Kamatu	24 500	100%	100						
			T	Kanhari	105.905	100%	105	1,400					
				Multivar	145,000	100%	17	362				-	
ş					APA CATA	-	155 -	20,680		2.085.511	ļ	L	
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Final Report – Suppoting Report Part IV Water Resource Development Plan Table - 5.3.3 (3/18) Water Supply Project in Small Scale Rural Water Supply (SSRWS)

District         Project Name         District         Project Name         Crignal         Sproid           Kuild         Maarenal/Latenneg         223         3.000         Sensed         Project Name         Crignal         Same           Kuild         Maarenal/Latenneg         237         3.000         Sensed         Project Name         237         5000         Sensed         715/600         S		n i	$\mathbf{I}$			Felimated	Design	Design	
Numerin/Trikenter         (m <sup>2</sup> )(art/)         (mo)				- <u>a</u>	Project Name	Cost	Population (Nos)		Supply
Kult         Musternar         247         3000         200         20000         20000           Muscres         411         948         Muscres         217,600         200			(m//da		(Alman)	11.000	1	74 I Sokoke	
Mills         Material         411         948         Minulent         272,600           Roof Carcinnen         1         4037         3,938         2,32,600         2,32,600           Roof Carcinnen         1,4,037         3,938         2,500         2,500         2,500           Novie         Stritter Nills         1,4,037         3,938         2,500         2,500           Novie         Stritter Nills         1,4,037         3,938         2,500         2,500           Novie         Stritter Nills         1,4,037         3,938         2,500         2,500           Novie         Stritter Nills         1,4,037         0,000         31,500         2,500           Novie         Nills Dim         Nills Dim         1,1,500         2,500         351,550           Nills Dim         Nills Dim         1,1,536         S,800         351,550         351,550           Nills Dim         Unspecter         1,1,536         S,800         351,550         351,550           Nills Dim         Unspecter         1,1,536         S,800         351,550         351,550           Nills Dim         Unspecter         1,1,536         S,800         351,550         351,550           N	3,000 South Chonyl	205,000			Succession of the second second second second second second second second second second second second second se			140 Pindikani Dindiff of	indiri o/l
Referention         0         0         13.000         212.600           Total         14.007         3.086         2.000         212.600           Non-spani Witz         11         2.000         2.000         2.000           Monspani Witz         18         2.000         2.000         2.000           Manapatoma Witz         66         800         Sambura Statetion         10.000         11.062           Manapatoma Witz         11.062         Kanopa Nacoto         30.000         11.062         2.000           Manapatoma Witz         11.062         Sambura Vatetion         20.000         11.000           Manapatoma Witz         11.062         Sambura Vatetion         30.000         11.000           Manapatoma Matteria         11.062         Sambura Vatetion         30.000         11.000           Manapatoma Matteria         11.002         Sambura Vatetion         30.000         11.000           Manapatoma         Kanopan         11.002 </td <td>988 Misajeni</td> <td>27,600</td> <td>45%= 3</td> <td>300</td> <td>4,000 Ny/ombeni</td> <td>200100</td> <td>I</td> <td></td> <td></td>	988 Misajeni	27,600	45%= 3	300	4,000 Ny/ombeni	200100	I		
Total         11,400         13,400         14,007         3,008         45,000           Total         200 Mengeal Meea         45,000         212,460         200           Namera Huis         13         2,000         Wengeal Meea         45,000           Namera Huis         13,000         14         2,000         11,000         11,000           Namera Huis         14,007         000         2000         2000         2000         20,000           Namera Huis         11,038         5,000         Newgeal Meea         20,000         20,000           Namera Catentine         11,133         5,000         Newgeal Meea         20,000         20,000           Namera Meea         11,133         5,000         Newgeal Meea         20,000         20,000           Namera Catentine         11,133         5,000         Newgeal Meea         26,000         20,000           Namera Meea         10,000         Neea         11,500									
Othera         11,4007         3,048         2,12,600         2,12,600           Total         Shirrife Hills         13,3         2,500         Weisel Meea         45,050           Shirrife Hills         11,007         3,046         13,032         2,000         21,2600           Menosari WS         14,037         3,046         14,037         3,046         13,000         21,500           Miss Demons         Menosari WS         10,000         14,037         500         840,000         31,500         20,000           Miss Demons         11,066         11,066         31,500						_			
Total         I.4.037         3.98b         2.32460         2.32460           Shurber kitis         J.50         Weiseni Mites         4,000         2,3460           Monorani Wis         J.5         J.50         Weiseni Mites         4,000         2,3460           Monorani Wis         J.5         J.5         J.5         2,500         2,500         2,500           Monorani Wis         60         500         Sunburw Silation         1,50,000         31,500         31,500           Monorani Wis         60         500         Sunburw Silation         1,50,000         31,500         <							-		
Total         14.007         3,936         2,220         Monoparil Metea         2,72,000           Shirthen Hills         13         2,500         Monoparil Metea         130,000         130,000           Monoparil WCS         60         500         Shirthen Hills         130,000         130,000           Monoparil WCS         60         500         Shirthen         130,000         11,500         11,500           Monoparil WCs/6001         14         Monoparil Sette Pri         14         Monoparil 1304         130,000           Nina Brain         Nina Brain         11,500         Nina Brain         130,000         11,500           Nina Brain         11,106         Nina Ranch         2,000         11,500         2,000           Nina Brain         11,106         Non-Arandoni         10,000         11,500         2,000           Nina Brain         11,106         Non-Arandoni         10,000         10,000         10,000           Nina Brain         11,106         Non-Arandoni         10,000         10,000         10,000           Nina Brain         Non-Arandoni         11,000         Non-Arandoni         10,000         10,000           Nin Police Fill         Nin Police Fill         11,000				1000		000'99	5,9821	214	
Shimtles, Hills         11         2,500         Mengeni Micra         45,020           Morensani Wr/S         144         2,500         Watch Justie         15,000           Minaramatironu Wr/S         600         Sambaru Shiahori         1800.000           Minaramatironu Wr/S         600         Sambaru Shiahori         18,000           Minaramatironu Wr/S         600         Sambaru Shiahori         10,000           Minaramatironu Wr/S         11,060         Sambaru Rackin         200000           Minaramatironu Wr/S         11,050         Sambaru Rackin         200000           Minaramatironu Wr/S         11,050         Sambaru Rackin         200000           Noner         11,050         Sambaru Rackin         20000           Noner         11,050         Sambaru Rackin         20,000           Noner         11,050         Sambaru Rackin         20,000           Noner         1,050         Noner         20,000           Noner         1,050         Norer	3,988	212,600				000.001	1.000	64 Run-off Rain	
Microsoft V/S         1.8         2.500         Vacing John         1.00.000           Microsoft V/S         600         Samburu Silabori         1.00.000         1.00.000           Microsoft V/S         600         Samburu Silabori         1.00.000         1.00.000           Microsoft V/S         600         Samburu Silabori         1.00.000         1.00.000           Microsoft V/S         11,050         Samburu Silabori         20,000         1.00.000           Karatori Mignati Refu r/n         11,050         Samburu Ranch         20,000         1.0000           Microsoft         11,050         Samburu Ranch         20,000         1.0000         1.0000           Nite Township wis         30         Kinegulabateri         20,000         1.0000         1.0000           Wite Township wis         31         1.1500         Microsoft Sac.ne         40,000         1.0000           Manuel Dam         1.1573         Kanobateri         20,000         1.0000         1.0000           Maturu Politer Si.         1.157         Kanobateri         20,000         1.0000         1.0000           Maturu Politer Si.         1.1500         Kanobateri         20,000         1.0000         1.0000           Maturu Politer Si. <td>2,500 Mouguni Mieza</td> <td>45,050</td> <td></td> <td></td> <td>Variation could</td> <td></td> <td></td> <td>300 Ruln Water</td> <td></td>	2,500 Mouguni Mieza	45,050			Variation could			300 Ruln Water	
Mutanization         Viscon         Service         180,000           Misanization         Viscon         Xuesteent         11,500         11,500           Misanization         Viscon         Xuesteent         11,000         11,500         11,500           Karthon         I.1,000         Xuesteent         Norwello halter         20,000         20,000           Karthon         11,000         Sambaru Katch         20,000         20,000         1           Market         Visuany Match         99         200         Kinngu fahater         20,000         1           Market         Visuany Match         99         1,000         1         20,000         1           Market         Visuany Katch         39         2,000         Market         20,000         1           Market         Visuant Katch         39         2,000         1         20,000         1           Market         Visuant Katch         30         30,000         1         30,000         1           Market         Visuant Katch         30         30,000         1         30,000         1           Market         Nis         Torial         1,377         Roof Market         4,000         1	2,500 Washi Jable	150.000			1,000 Gulenze Dam	000 0-1	, ,	AO Rain Water	
Minalization W/s         No.         Minalization         31,500           Vina Dam         No.         Norwen Jinhen         100,000         100,000           Kina Concent Nigneri         11,052         Semihari Rach         20,000         100,000           Kan Concent Nigneri         11,052         Semihari Rach         55,1550         55,1550           Others         11,052         Semihari Rach         20,000         100,000         100,000           New Notocini         11,052         Semihari Rach         20,000         100,000	KOO Kanshurti Silaloni	180,000	33%		) Mualupheaa Rock Calch.	130,000			
Milla Dun Kuserent Mynui Pack pl.         11,062         Norwije Jinka         100,000           Kaserent Mynui Pack pl.         14         Norwije Jinka         100,000           Kaserent Mynui Pack pl.         11,062         Sanharu Kasch         20,000           Kaserent Magnati Pack pl.         39         2000         24,550           Viunga Motoroli         39         200         54,150         24,500           Viunga Motoroli         39         1,200         54,150         20,000         1           Viunga Motoroli         39         1,200         54,000         54,000         1         20,000         1           Martin         100         Kawegav/Chandroli         20,000         1         20,000         1           Martin         31         1,500         Norwer Koof Cat.         20,000         1         20,000         1         20,000         1         20,000         1         20,000         1         20,000         1         20,000         1         20,000         1         20,000         1         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2 <td>Wisk Rombo</td> <td>31.500</td> <td></td> <td></td> <td>0</td> <td></td> <td></td> <td></td> <td></td>	Wisk Rombo	31.500			0				
Total         11,052         Scatterin         55,000           Read Concinnent         11,052         Semilary Ranch         25,000           Others         11,052         Semilary Ranch         25,1550           Others         11,1052         Semilary Ranch         25,1550           Others         11,1052         Semilary Ranch         25,000           Others         11,1062         Semilary Ranch         25,000           Nine Police Filh         99         1,200         Nongerendation         10,000           Wine Police Filh         91         1,500         Nongerendation         20,000           Nine Police Filh         39         1,500         Nongerendation         20,000           Nine Police Filh         39         1,500         Nongerendation         20,000           Nine Police Filh         30         1,500         Nongerendation         20,000           Non Calchment         0         1,500         Nongerendation         30,000           Monthaa         1,516         5,000         Semilar Ranch         5,4,000           Monthaa         1,510         3,000         1,4,000         5,4,000           Non Calchment         1,510         3,000         1,4,00	faturden lahfas	100.000		75 1.000		_			
Root Conchrent         14         Notangementani Sentingen Random         20,000           Tunin         Tunin         11,062         Semihara Rando         20,000           Jahr         Kungarahakari         20,000         541,550         20,000           Jahr         Kungarahakari         20,000         11,336         500         541,550           Jahr         Kungarahakari         29         1,200         500         541,550         541,550           Manubi Pari         29         1,200         500         100         50,000         1           Manubi Pari         31         1,500         300         100         20,000         1           Manubi Pari         1         1         1         1         20         20,000         1           Manubi Pari         1         1         1         1         20         20,000         1           Manubia         1         1         1         500         20         20,000         1           Manubia         1         1         1         20         20         20         20           Manubia         1         1         1         2         2         2         2				000'C 57			-		
Total         11.052         Sammary Aducts         54.1550           Laenu         Licory Micoloni         11.334         3.000         54.1550         25.000         1           Laenu         Licory Micoloni         11.334         3.000         50.1550         25.000         1           Laenu         Licory Micoloni         29         1.200         50.400         2         2000         1           Viru Pollee Filh         39         2.500         Micoloni         20,000         1         20,000         1           Menubi Dam         31         1.500         Micoloni Sec.es         40,000         1         20,000		- more			10				
Total         11,334         5,000           Lueru         Sunsyn/Motorol         39         200 Sunsyn/Action         20,000           Lueru         Li Kenyatir ws         39         1.00 Stawgar/Enadeni         20,000           Win Tromain         Win Tromain         39         1.00 Stawgar/Enadeni         20,000           Win Tromain         Win Tromain         31         1.500 Meteronal Sec.um         40,000           Mounick Dam         31         1.500 Meteronal Sec.um         40,000         3           Anniba         1.550 Meteronal Sec.um         40,000         3           Mounick Dam         1.550 Scond Scond         30,000         1           Mounick Dam         1.550 Scond Scond Scond Scond         37,500         1           Monithua         1.550 Scond	Namburu Kunca	ral 660			10	000'SEE'1	3,100		
Lenva         Kunnyn Mackoni         59         300 Sünngafahabani         25,000           Lu Kanyatta va         99         1,200 KlwagavChandrani         10000         10000           Win Poller Fh         49         1,000 KlwagavChandrani         20,000         1           Win Poller Fh         39         1,000 KlwagavChandrani         20,000         1           Win Poller Fh         39         1,500 Minetenda Sec.us         40,000         1           Manuk Dam         31         1,500 Minetenda Sec.us         40,000         1           Moutie Dam         1,375         500 Minetenda Sec.us         40,000         1           Moutie Dam         1,375         500 Minetenda Sec.us         40,000         1           Moutie Dam         1,375         500 Minetenda Minetenda         30,000         1           Mouties         1,375         5,000 Minetenda Minetenda         30,000         1           Moutibaaa         Left         1,20         3,000 Minetenda         30,000         1           Moutibaa         Kasaroli Wifp         1,20         3,000 Minetenda         1,000         1           Moutiba         Kasaroli Wifp         1,20         3,000 Minetenda         1,000         1      <	5,800	ACC*TUC			SALURAL WAS	- KNA	VN/X	300 Well	
Manual         U. Kernyatit was         99         1,200         10,000         1           Wite Pollice Fil.         49         100         Kerwigau/Characteri 1         20,000         20,000           Wite Tromatilip w/s         39         2,000         Mprescenti Sec.vrs         40,000         1           Manubi Dam         31         1,500         Nonerkont Sec.vrs         40,000         1           Manubi Dam         1,375         0         Fass Djables         30,000         1           Acord         1,375         0         Regarder Wite Sec.vrs         40,000         1           Acord         1,375         30,000         1         30,000         1         1           Manubua         Kana Jomvu Jitom Ext.         1,20         3,000         1 </td <td>300 Kinngs/Ishakari</td> <td>24,000</td> <td>100</td> <td></td> <td></td> <td>VIN</td> <td>&lt; N</td> <td>N/A Well</td> <td></td>	300 Kinngs/Ishakari	24,000	100			VIN	< N	N/A Well	
Wite Threads         40         100         Source         2000           Wite Threadship wis         39         2,500         Mjeckreent Steckes         40,000         3           Wite Threadship wis         39         2,500         Mjeckreent Steckes         40,000         3           Meurids Dam         31         1,500         2,500         Mjeckreent Steckes         40,000         3           Meurids Dam         31         1,500         Norwer Koof Can.         5,000         30,000         3           Mentheat         1,575         5,600         Material         30,000         3           Mentheat         1,575         5,600         Material         37,500         11,000           Mentheat         1,575         3,000         Material         37,500         11,000           Montheat         1,575         3,000         Material         37,500         11,000           Montheat         1,675         1,000         14,300         11,000         10,000         11,000           Montheat         1,000         1,000         1,000         10,000         11,000         10,000         11,000         10,000         11,000         10,000         11,000         10,000	1.200 Klwagau/Chandani	10,000	100%		SO WIN Settlement Scheme				
With Tomachip w/s         39         2,500         Mpresents Sec.ve         40,000         1           With Tomachip w/s         33         1,500         33,000         3         1         6,000         1           Mounib Dem         0         Fase Djables         30,000         3         40,000         1           Monib Dem         1,137         0         Fase Djables         6,4000         1         4,000         1           Moniboa         1,676         5,600         Reas Djables         30,000         1         2,4,000         1         1,1,000         1         0         1,6,00         1         2,4,000         1         1,1,000         1         0         2,4,000         1         1,1,000         1         0         2,4,500         1         2,4,500         1         1,000         1         0         2,4,500         1         2,4,500         1         1,000         1         0         2,4,500         1         2,4,500         1         1,000         1         0         2,4,500         1         1,000         1         0         1,4,500         1         0         1,4,500         1         0         1,4,500         1         0         0	100 KTunez/Wkokoni	200'000	40%	r-T T	0				
Mile         Multiplication         33         L.500         2         6.000         3           Rearrie         0.htris         1.556         5.600         Pass Djablas         6.000         3           Annubia         Mountible         1.576         5.600         Pass Djablas         6.000         1           Annubia         1.616         5.600         Pass Djablas         6.14,000         1           Annubia         1.676         5.600         Pass Djablas         6.14,000         1           Kont Lonvu Jitoni Ext.         1.20         3.000         1         7.400         1         0         1         1         1         1         1         1         0         1		40,000	45.45	30 400	0				
Mcambi Dam         33         Law         Local         30,000         3           Torial         Zoof Catchment         1,375         6.00         9.14,000         30,000         3           Near, Jimm Ext.         1,375         5,600         9.00         24,500         1           Mambian         Kasamai W/P         120         3,000         5/840         24,500         1           Mambian         Kasamai W/P         120         3,000         5/840         24,500         1           Mambian         Kool Catchment         120         3,000         5/840         24,500         1           Mambian         Kool Catchment         1,4,77         Bagaachek W/S         1,1500         1         2,500           Not Catchment         1,4,77         Bagaachek W/S         1,500         1         1         2         0         0         1         1         0         0         1         1         0		9,000	100%	1	16				
Roof Catchment         0         Faze Diame	Auto latente brot can	V.0.05	100%	8 100	0				
Otherest         1.357         5.600         614.000           Total         1.676         5.600         614.000           Montheaa         1.676         5.600         1.370           Montheaa         Xeas Jonnou Jitoni Ext.         1.20         3.000         11.000           Montheaa         Kasaenai W/P         1.20         3.000         11.000         11.000           Koos Catelment         1.20         3.000         Houganesh W/S         11.1000         10.000           Nool Catelment         1.4372         Roucle Munanga         8.500         10.000         10.000           Othere         1.4,372         Roucle Munanga         8.500         10.000	Fazs Djabias								
Total         1.676         5.000         614,000           Membersa         Kura Jomru Jitomi Ext.         1.20         3.000         94,000           Membersa         Kasaroli W/P         120         3.000         14,000         24,500           Noof Caretament         120         3.000         14,000         13,500         14,000           Noof Caretament         13,7,50         14,000         14,000         14,000           Noof Caretament         14,377         Boulos Munanga         8,500         16           Ohers         14,377         Houl Noti W/S         15,000         16           Ohers         14,377         Houl Noti W/S         15,000         16           Ohers         14,377         Houl Noti W/S         15,000         16           Ohers         Namber Multinga         8,500         16         16,000         16           Notes         Houstin Uauge         15,000         16,000         16         16,000         16           Ohers         Environ Uauge         16,000         16,000         16         16,000         16           Ohers         Environ Uauge         16,000         16         16,000         16         16 <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td>¢</td><td>300</td><td></td></t<>						-	¢	300	
Total         Xora, Jorrov Jitorii Ext.         1.20         3,000         24,300         2           Monitosa         Kasamali W/P         120         3,000         31,500         37,500         37,500           Kosi Carehment         0         Rengladenta W/S         37,500         11,000         37,500         11,000           Rosi Carehment         0         Rengladenta W/S         11,000 </td <td>5,600</td> <td>614,000</td> <td></td> <td>1.0.1 1.0.1</td> <td></td> <td></td> <td></td> <td></td> <td></td>	5,600	614,000		1.0.1 1.0.1					
Kasamali W/P         120         3.000         37,500         37,500           Kool Carchment         0         Nengladenki W/S         11,000         11,000           Roof Carchment         1.4,372         Bokole Munanga         8,500         11,000           Ohters         1.4,372         Houl Hout W/S         13,000         14,000           Ohters         1.4,372         Houl Hout W/S         15,000         14,000           Ohters         1.4,372         Houl Hout W/S         15,000         14,000           Ohters         1.4,372         Houl Hout W/S         15,000         16,000           Proprint Ubungs         1.4,400         N/E         N/E         16,000         16,000           Manufe         1.4,400         N/E         N/E         16,000 <td></td> <td>24,500</td> <td>100%</td> <td>×».</td> <td></td> <td></td> <td></td> <td></td> <td></td>		24,500	100%	×».					
Resolution         0         Recognatesh W/S         11,000           Root Catchineati         1,4,372         Bokole Murauga         8,500         11           Others         1,5,72         Bokole Murauga         8,500         12           Others         1,5,72         Bokole Murauga         8,500         12           Others         1,5,000         Burabrew/Mahoroni w/s         1,50,000         130,000           Burabrew/Mahoroni W/S         1,50,000         1,50,000         1,50,000         1,50,000           Burabrew/Mahoroni W/S         1,50,000         1,50,000         1,50,000         1,50,000         1,50,000           Burabrew/Mahoroni W/S         1,50,000         1,50,000         1,50,000         1,50,000         1,50,000           Burabrew/Mahoroni W/S         1,50,000		37,500	40%	<n N</n 					
Noot Lemment         1A,372         Roote Munange         6,500           Others         1A,372         Roote Munange         6,500           Others         Houl Houl W/S         152,000           Bacanerea/Munange         6,500         152,000           Bacanerea/Munange         6,500         152,000           Bacanerea/Munange         40,000         152,000           Bacanerea/Munange         40,000         16,600           Deriverse         Bacanever/Manange         M/E           Interverie         Deriverse         M/E           Interverie         000,000         16,600	Banuladesh W/S	11,000	20%	ΝŅ	~				
Unters Front Front Houl W/S Baracherbar/Mahoroni wis Krenken Uauner Baracherbar/Mahoroni wis Huyannov/Manaci wis Erryenye Erryenye Frithbureti W/S 1.6.612 6.000	Bokole Muranza	8,500	15000#	V/N					
Bazatree/Mahoroni w/s K(smbent Unange Buganorov/Manzolis w/s Denyenye I Mabunni W/S	Hod! Hod! W/S	150,000	•	N/N					
Kieniyeni Ukangé Hugamoyo/Mangaja w/s Penyanye Timbawai W/S	Naecheta/Mahoceni w/a	40,000	•	VIN	~				
Hugamoyo/Man2016 W/9 Denyanya Timbavati W/S	Klenden! Baner	1000,8E		VN	V.				
Timberari W.S.	Havemovo/Man.cole W/4	NE	-	Ż	N/N				
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	6,000	212+212							

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Table - 5.3.3 (4/18)

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		Denion	Population		Crignal	Physical	Deden	Cealga		Estimated	Desity	Design	Source of
Code District	Project Name	Capacity	period	Project Name	S S S	Status (Ta)	Capacity (m <sup>3</sup> thrub	Population (No.)	Project Name	Cost	Population (Nns)	Capacity (m <sup>1</sup> /dav)	Supply
	[Witchington 2004 and the V		1	Gimba		205		Ż	N/H/ Mwatate	25,000	15102	776 Stream	Ę
	A STATE OF A STATE OF	¥		Musuda Phase II	002.02	050	Ì	1×	N/T Day	NE	1.200	90.Stream	Ę
	170mlx				201.000		-		Colored Street	16 176	17	Vill Carles	
	Myange Nyka	52	ļ	Mashighali	8	4.00		7651		1017400		111/12   21 / 24	ŧ
	Megwa Shallow Well	8		Wanganga	1,500	90%	263	995 F	3.500 lkunzunyi	- NN	317.	LIANN NN	5
	Mwanusha	142		Paranja/Mdangengu	\$0,000	30%		2	Nii Tulio Nyika	N/N	SVE .	N/E Sprink	¥
	Conv/Kambito	24		OTOFIN	25,000	S4+I	1001	1,600	1,600 lywie/Choke	94,224,108	1.400	S4 Sirean	u.
	Nicco L'unue IT Capel	OUT BY		Www.mache	113.975	1506	89	006					
		2		AMD Mehmodin vi	17.500	%0¥		N					
	FX00						Ť				-	-	
-	Mwamate	18		4.100 livale Maidunys	48,730	4.04						- .	
	Dembwa Wusi	104		Irido Shigaro	29,000	R0%	_	ž					
	.Siwajika/Teń	65		Mwareke/Konyi	17,500	60%		۶.		_			
	Manyani	191		2.100 Nyache		-506		NI			-		
	Mwambiti	11		Mwalul	180,000	365		ź					
	Mumay Cirla	R.		Chert		326		1 <del>2</del>				-	
	Measthook	2	1	Mahuehu		ŝ		乞					
	Si. Marvis Lushansonvi Sch			400 Buenta Kock Catchavent	1	50%		2		     	i		
	K abue te	55		Bueuta/Mouneu	17	14509		Ē					
	Eoof Catchment	0	I	Kukanen	1	88		Ę					
	Others			Neaten		\$08		Ī					
			1	Ndame	I.	\$00	5	3,000					
		-		Makwasinyi Buzwa	ł.	106		Z		· · ·			
				Noro Kubwa		28		N.					
				Pleod Cont & Drain. Kimorizo	1	<b>\$</b> 3		A/E			-		
				Muehl	1.0	20%	38	4,000					
				Mwaluo Pansa		806	BEE	4,500					
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			1	Nahushe	1</td <td>•</td> <td></td> <td>Z</td> <td></td> <td></td> <td></td> <td>100</td> <td></td>	•		Z				100	
Total		70.423			1.190.527		1,462	19,492		204,462,95	6740	1	
360 Tana Kiver	(Tiplin)		TR.						Bangale Wella	4,600	4,000	KU Wells	
	Mulanjo W/S	· - ·	6N				-		Neuro	00,004	4,000	200 T/Kwer	Ker
	Dake W/S		ź										
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<b>.</b>	Ndurnal		Ż								_		
	Roof Catchment	0											
	Others	1686									-		
l'otal		389	ò		ò		0	0		404,800	8,0001	280	
Coast Pr	Coast Province Total	116.495	EX6.0S		771,329,2		600°'E	44,114		1 95,990,183	23,697	2,160	
410 i Pincha	Roof Catchorent	Ĩ		Kune	5,500	\$0\$	8	1,200	1,200 Kanjakire	46,456	4,634	718 Kiver	
	The second secon	18		L'acoverti	25,000		8	002.1	1.200 Kasavari Barth Dam	2,500	1.200	600 Dem	
		200							Kithunguthia	8	1,816	44 River	
									Cathirad Softan	640,000	N/E	N/E Sprag	1

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## Final Report – Suppoting Report Part IV Water Resource Development Plan

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Loterline         Propoletion         Constant         Propoletion           Res         Provided         Project Name         Origani         Provided           Static         2.5000         2.5000         1.0%           Static         2.5000         1.0%           T         1.100         0.66000         1.0%           Static         2.500         2.500         2.0%           125         2.240         5.000         1.0%           126         2.240         5.000         1.0%           125         2.240         5.000         1.0%           126         2.240         5.000         1.0%           Nill         Nill         5.000         5.0%           Nill         Nill         7.000         5.0%           Nill         Nill         7.300         5.0%           Nill         Nill         1.0,000         5.5%           Nill         Nill         7.300         5.0%           Nill         Nill         7.300         5.0%           Nill         Nill         1.0,000         5.5%           Nill         Nill         1.0,000         5.5%           Nill         1		-	-12	2		113										102	2	192	195							N.	<u>a 12</u>	263																	
Listerility         Provivation         Provident	Ä	Physical Sistus	(S)	10%	20%	10%					╞	+					62%	909		1												-								+					
Listefin, Colonality         Provision           Solution (m/duci)         Solution (m/duci)           Solution (m/duci)         Solution (m/duci)           128         2.510 Basesh (m/duci)           128         2.2200           128         2.240           129         5.00 Basesh (m/duci)           128         2.240           129         3.00 Basesh (m/duci)           128         2.240           139         3.00 Kaunu (m/duci)           14         2.240           15         1.50 Nonesh (m/m/duci)           19         3.00 Kaunu (m/m/duci)           10         3.00 Kaunu (m/m/duci)           11         1.1.50 None           120         1.1.00 None           130         1.1.00 None           14         2.000 None           15         1.000 None           15         1.000 None           15         1.000 None           16         2.000 None           17         2.000 None           18         1.000 None           19         2.000 None           10         1.01 None           10         2.200 None           10         2.2.	Onyoln	Original Cost	KD KD	40,000	55,000	450.000					Ť					100 Y 30	00009	2,500	005'61							66,800	15,005	211,215																	_
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Licentiny.		Population Served	ž															-			Ż	Ž	Z					1						Z											
	inu	Devign Capacity	(m <sup>7</sup> /dav)	50	11	K3	128	4		010/1Y							165.1		01			-			2,048	2.061	ž		* 8	130		- ¥2				ຄ	45	2 2		2	•••	а 		R	۳ -
	1. Kist			Kutame W/S	Sericho W/S	Hoji W/S	Hulese W/S	Roof Cutchment		UThers							, ,	Kinako	Multiples	trange	Najal And	Enzig	Neonseni	Roof Catchment	Others		Kithoka	Mua Hilla	Manyaita Manuna Vanuthan Ga	Mito honis	Kima Kimue	Knvi	Vegual	Nisekini	Kionyweni	Kakuyuni	Kinhimani Mukunano	Kuseve	Kimutwa	Nikambuani	Kithungdri	Miu	Konza	Muthetheni Olria	If approximited and a second sec

	2	Lite ing			Cagoing	Уu		_			Planned/Lesigned		
		Center	Population		Original	Physical	Deskon	Design		Listimated	Draigh	Central	Source of
Code District	Ptoject Nanz	Capacity	Served (Sol)	Project Name	Cost	Status (E)	Capacity (m <sup>2</sup> /dav)	Population (No.)	Project Name	5 S	Population (Nns)	Capacity (m <sup>2</sup> /day)	
450 (Marvahit	Dukana W/S	56	3.500	3.500[Dukana	2,600	NO <sup>2</sup>	150		Lurbi	1 12,500		NO014/Hale	Hale
	Cius Wells	27	1,500	1,500 Hussein Dam	11,400	ţ,	156		2,500 Godonia	A.000		H 05	SO R/H/ Wells
	Gatab	-	3.500 Uman	Uran	2,000	2.66	អ		3.000 Nana	VIN		113 B/Hole	Hole
	Colole B/H	191	2,000	2,000 Kalahca	5,600	50%	192		3.500 Kimmit	N/N	1,000	150 Springs	SUP2
	Kanare	5	3,000	3,000 Godomu	100011	\$09	225		3,000 Karare	VIN	2500	250/5/	250 Spring/Well
	HulaHula Spring	27)	3,500	3,500 Debel	110,000	-266	0	400			-		
	Sonta	99	00C'E	3,200 Soloto Rock Carch.	V/N		225	3,000				-	
	Badassa	89	4.000	4.000 Getab Gravity/L	VIN	100%	150	63					
	Kiurusi	11	2.500	Kamboe Pan	VIN	1000	3.6	<u></u>				••••	
	Jaldesa	τ <del>ι</del> π	1,000	Ngurunit P/L Tank	V/V	1004	188	2.500					
	Gudas	335	8	SOO Kar Hand Pumps	VIN	67%	188	2.500					
	Manie Wells	×	000'1	1,000 Korr Wind Mills	VIN	100%	225	3,000		_			
	Saburel	27	3,000	3,000 Illeur Hand pumpin	N/A	19654	150	2,000				-	
	lleret	- 55	*,000	4,000 Manyatta Jilio Dam	VN	19506	513	1,500		-	-		
	Roof Catchment	0		Sakuu Hoof Catchment Tunk	3,400	( <b>*</b> 03	57]				-		
	Others	996		Padama Pri.Sch.Catchment Twi	5,500	4556	11	150					
· -				South Horr	VIN	-#66	300	4,000				_	
				Dabel 1	V/N	566	263	3,500					
				Ale Well (Protection)	14,175	100%				_			
Total		1.5291	36.200		270,631		2,986	513,95		25,500	11,000	8631	

Table - 5.3.3 (7/18) Water Supply Project in Small Scale Rural Water Supply (SSRWS)

Dirty         Dirty <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th>Oncoing</th><th></th><th></th><th></th><th></th><th>61-1</th><th>I'lanned/Designed</th><th></th><th></th></th<>							Oncoing					61-1	I'lanned/Designed		
Direct         Description         Description <thdescripication< th=""> <thdescription< th="">         &lt;</thdescription<></thdescripication<>			EXta	Ink			-	Physical .	Design	Design		Estimated	Design	Deska	Source of
Math         Control         C	i	1011111	Purchash Name	Canachy	Population	Project Name				opulation	Project Name	Cost	Population	Cepacity	Supply
Water         Uppen Wes         104         XAMS         Mass         YAMS         Mass         YAMS         Mass         YAMS         Mass         YAMS         YAMS <thyams< th=""></thyams<>	Cole	10 USEC		(may have	(we)			_	(m <sup>3</sup> /dny)	(se)		g	(144)2)	(A60, TU)	
Market Michael         2000         XXXXXXX         2000         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			There is the second sec	101		Kaaga irr, W/P	25,000	85%		2		-		-	
Multications         0         Material State         3000         064         9         110           Column         7,10         Column         2,00         0         1,0         Column         1,0           Column         1,00         Column         Weig         0         1,0         Column         1,0           Column         Nama         Weig         0         1,0         2,00         0         1,0           Column         Nama         1,00         0         1,00         0         2,00         0         1,0           Column         Nama         1,00         0         1,00         0         2,00         0         1,0         0 <th>2</th> <td></td> <td></td> <td>20</td> <td>0001</td> <td>Mucuna Mientera</td> <td>150.000</td> <td>104</td> <td>113</td> <td>1,500</td> <td></td> <td></td> <td></td> <td></td> <td></td>	2			20	0001	Mucuna Mientera	150.000	104	113	1,500					
Montentine         1404         Omitten         3400         Spin         1113           Other         1         Nome						Mueuna Kathara	350,000	8		NE					
Weilt         Weilt         Yeilt         Yeilt <th< td=""><th></th><td></td><td>Koot Catchingh</td><td>2 1 40</td><td></td><td>Citaniere</td><td>26,000</td><td>\$04</td><td>56</td><td>516.1</td><td></td><td>_</td><td></td><td></td><td></td></th<>			Koot Catchingh	2 1 40		Citaniere	26,000	\$04	56	516.1		_			
Mean         Net         Mean         Net         Mean         Net         Mean         Net         Mean         Mea			Uthers			Vudreth a	(a/N	\$06	317	4,229		_	-		
Netherine         National						Musa	NE	No.	OWZ	3,200					
Characteristic         64.001         660         113         1.000           Neugensen         Neugensen         0.000         0.00         1.00         1.00           Neugensen         Neugensen         1.3.13         9.96         1.01         1.010           Nation         Nation         1.3.13         9.96         1.01         1.010           Nation         Nation         1.3.13         9.96         1.01         1.010           Nation         Nation         1.010         0.01         1.010         1.010           Nation         Nation         1.010         0.01         1.010         1.010           Nation         Nation         1.010         0.01         1.010         1.010           Nation         1.010         1.010         0.01         1.010         1.010           Nation         1.010         0.010         0.01         0.01         1.010           Nation         1.010         1.010         0.01         1.010         1.010           Nation         1.010         0.010         0.01         0.01         1.010           Nation         1.010         1.010         1.010         1.010         1.010						Ndumentry .	NE	\$0%	150	2,000			-	_	
Name         Number         221         2000           Name         Name         15.1201         976         221         200           Name         Name         15.1201         976         211         2100           Name         Name         15.1201         976         211         2100           Name         Name         23.000         976         231         2400           Name         Name         23.000         976         231         2400           Name         20000         976         231         2400         776           Name         20000         976         230         2400						Cites	41.200	\$05	111	1,500			-	-	
Municipal Tenus         Multip							NIE	85%	225	3,000					
Name         NA         95%         NA         200           Name         Name         12.3.13         95%         14.15         0           Name         Name         7.6%         20.0         4.115         0           Name         Name         7.6%         23.3         3.200         0         4.115           Name         Name         2.6%         1.3         1.5.00         0         4.105         0           Name         Name         Name         2.6%         2.3         3.200         0         4.105           Name         Name         Name         1.5.000         0.6%         2.31         3.500         0         4.105           Name         Name         1.5.000         0.6%         2.31         3.500         0         4.105           Name         Name         2.000         0.6%         2.31         3.500         0         4.105           Name         Name         2.000         0.6%         2.31         3.500         0         4.301         0           Name         Name         2.000         0.6%         2.31         4.301         0         0         0         0         0						Automatical Theory	NO ON	90E	197	630					
Neuron         NAN         744         601         4.16           Carle Normari         Name         705         2.33         3.000         1           Carle Normari         Schennyck         2.64         3.000         1         1           Carle Normari         Schennyck         2.64         3.000         1         1         1           Carle Normari         Schennyck         2.60         2.64         3.00         1         1         1           Carle Normari         Schennyck         1000         0.64         110         1         5.00         1							15315	250	1641	2,190			_		
Nituage         Nituage         Nit         Orde         223         3100           Faller Nommer         Ratin Nationary         23,400         59,6         203         300           Ratin Nationary         Ratin Nationary         23,400         59,6         203         3,00           Ratin Nationary         Ratin Nationary         100,000         37,6         21,0         3,00           Ratin Nationary         Ratin Nationary         100,000         37,6         21,3         3,40           Ratin Strin         100,000         37,6         21,3         3,40         11,3         11,00           Ratin Strin         100,000         37,6         21,3         3,40         11,3         11,00           Ratin Strin         20,000         37,6         21,3         3,40         11,3         11,00           Ratin Strin         20,000         37,6         21,3         3,40         11,3         11,00           Ratin Strin         20,000         37,6         21,3         3,40         11,3         11,00           Ratin String         11,3         11,00         21,3         3,40         11,3         11,00           Ratin String         11,3         21,00						Kugura	12.24								
Total Interview         State Notmark         Notmark Sciency of Sciency         223         3,000         Notmark Sciency of Sciency         3,000         Notmark Sciency         1,000         Notmark Sciency         Notmark Science         Notmark Sciency         Notmark Sciency <th< td=""><th></th><td></td><td></td><td></td><td></td><td>Mianact</td><td>VIN</td><td>70%</td><td>NO:</td><td>4.110</td><td></td><td></td><td></td><td></td><td></td></th<>						Mianact	VIN	70%	NO:	4.110					
Kubline Katenya         20,400         954         201         3,500           Polnakojo Pri 1         00,000         374         221         1,613           Polnakojo Pri 1         10,000         374         221         1,613           Polnakojo Pri 1         10,000         374         213         1,913           Polnakojo Pri 1         11,2000         374         213         1,913           Polnakojo Pri 1         250,000         374         213         1,913           Polnakojo Pri 1         250,000         374         213         1,430           Polnakojo Pri 1         250,000         374         2431         1,430           Polnakojo Pri 1         250,000         374         2,431         1,430           Polnakojo Pri 1         250,000         374         2,431         1,430           Polnakojo Pri 1         250,000         374         2,431         1,430           Polnakojo Pri 1         2700         379         2,431         1,430           Polnakojo Pri 1         2700         279         2,431         1,430           Polnakojo Pri 1         2700         279         2,431         1,430           Polnakojo Pri 1         27						Kitte Nkumari	N/E	70%	22	1,000					
Contrage Pri         SCODIO         306         124         Lats           Contrage Srif         100000         305         320         4300           Contrage Srif         10000         305         320         4300           Contrage Srif         20000         306         320         4300           Chanser Srift         20000         306         231         114.00           Chanser Srift         20000         306         231         4303           Chanser Srift         20000         306         231         4303           Chanser Srift         20000         306         232         4303           Chanser Srift         20000         306         233         4303           Chanser Srift         20000         306         233         4303           Chanser Srift         20000         306         233         4303           Chanser Srift         31000         606         134         146           Sriftware Srift         311         12500         906         2400           Name         Sriftware Srift         313         2433         2433           Sriftware Srift         313         2100         200         20						Kathima Kiamuvu	23,400	455	263	3,500					
Image         Controngo SH1         (cc.2000)         30h         5000 <th></th> <td></td> <td></td> <td></td> <td></td> <td>Kinmioen Ph I</td> <td>500,000</td> <td>30%</td> <td>133</td> <td>1.643</td> <td></td> <td></td> <td></td> <td></td> <td></td>						Kinmioen Ph I	500,000	30%	133	1.643					
Mathem Kapeth         1.25,000         666         3.29         4,343           Name Kyr         20,000         954         113         1.50           Oakardo         70,000         954         1.15         1.50           Oakardo         70,000         954         1.50         1.50           Outv Kapith         20,000         954         2.20         4.343           National         National         1.22,000         956         2.20         4.343           National         National         305         2.20         4.343         1.463           National         National         1.22,000         956         2.20         4.343           National         National         3050         956         2.20         3.430           National         National         1.22,000         956         2.20         3.400           National         National         1.20         0.00         956         2.20         3.400           National         National         1.175,000         956         2.20         3.400         1.400           National         National         National         1.175,000         956         2.20         0.00 <t< td=""><th>-</th><td></td><td></td><td></td><td></td><td>Cithongo SH</td><td>102,000</td><td>50%</td><td>902</td><td>4,000</td><td></td><td></td><td></td><td></td><td></td></t<>	-					Cithongo SH	102,000	50%	902	4,000					
Mathematical         Mathematical<						Kintma Kianthi	125,000	40%	329	4,383					
Kimeri SH         250,000         30%         3.50           NIS         Nist SH         250,000         30%         NIS           Colu Kagma         241         230,00         90%         3.30           Kahnary SH         250,000         90%         1.23         3.30           Kahnary SH         250,000         90%         1.24         3.44           Kahnary SH         250,000         90%         1.24         1.45           Kahnary SH         250,000         90%         1.24         1.65         1.65           Kahnary SH         250,000         90%         1.24         1.65         1.65         1.65           Kahnary SH         250,000         90%         1.24         1.65         1.65         1.65           Kahnary SH         250,000         90%         1.24         1.65         1.65         1.65           Kahnary SH         250,000         90%         1.23         1.65         2.60         1.24         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65         1.65						Clakando	80,000	959	113	1,500					
Tamplary S/H         Z50,000         30%         XIS         NIS           Adiv kogme         122,000         90%         229         4.343           Adiv kogme         122,000         90%         239         4.343           Adiv kogme         122,000         90%         124         1.464           Nagere         Nigere         34,100         40%         2.33         3.00           Maineyrs         34,100         40%         2.33         3.00         9.04           Maineyrs         34,100         40%         2.30         9.04         1.91           Maineyrs         37,000         9.05         1.93         2.000         9.06           Maineyrs         7.000         9.06         2.03         2.00         9.06         2.03           Maineyrs         175,000         9.06         2.23         3.000         9.00         1.90           Maineyrs         175,000         9.06         2.23         3.00         9.00         1.90           Maineyrs         175,000         9.06         2.23         3.00         9.00         1.90         1.90           Maineyrs         10.000         1.96         2.23         3.00				-		Kimud SH	250,000	30%1	263	3,506		_	-		
Name         122,000         905         329         4,343           Name         Name         1,22,000         606         1,84         1,845           Name         Name         1,360         606         1,34         1,450         1           Name         Name         1,300         906         1,33         1,450         1         1           Name         Name         Name         7,000         906         1,93         2,050         1         1           Name         Name         7,000         906         1,91         2,050         1 <th></th> <td></td> <td></td> <td></td> <td></td> <td>Ithouthare SH</td> <td>250,000</td> <td>30%</td> <td></td> <td>NE</td> <td></td> <td></td> <td></td> <td></td> <td></td>						Ithouthare SH	250,000	30%		NE					
Nature         Nature         NACC         GOS         134         J.485         I           Nature         Nature         NAC         20%         128         1.650         I         I           Nature         Nature         NAC         20%         129         1.650         I         I           Nature         Nature         NAC         20%         197         2.630         I <th></th> <td></td> <td></td> <td></td> <td></td> <td></td> <td>120.000</td> <td>306</td> <td>329</td> <td>4,383</td> <td></td> <td></td> <td></td> <td></td> <td></td>							120.000	306	329	4,383					
Nusa         Nusa         Nusa           Nusa         Nusa         Nusa         Nusa           Nusa         Nusa         Nusa         Nusa         Nusa           Nusa         Nusa         Nusa         Nusa         Nusa         Nusa           Nusa         Nusa         Nusa         Nusa         Nusa         Nusa         Nusa           Nusa								¥0¥	138	1.845		-			
Natimational Antimational Barchin         National Barchin         Natichin         National Barchin							CON.	×.	174	1.650					
Reliminative         Source Maintent         Source Source         Source Source         Source Source         Source Source         Source Source         Source         Sourc						Natheriora		20	99	3.500		-			
Bartchia         XVXX         Science         Science           Malgera         7XXX         175,000         55%         197         2,630           Kartene         Kartene         175,000         65%         2,25         2,000           Kartene         Nuese         175,000         65%         2,25         3,000           Magena igold wryp         175,000         65%         2,25         3,000           Magena igold wryp         180,000         19%         11.3         1,500           Magena igold wryp         180,000         20%         223         4,000           Name         Name         20,000         20%         755         1,000           Magena Menjone         110,000         20%         197         2,630           Magena Menjone         120,000         20%         755         1,000           Magena Menjone         120,000         20%         197         2,630           Magena         Name         2000         20%         197         2,630           Magena         150,000         20%         275         1,000         2,000           Magena         150,000         20%         2,01         2,000					-	Mubryan D		BOO	Ş	0001			<b>_</b>		
Malagene         Mologene						Barichia	200102	0(8)	101	2.630				-	
Annuer         N/E         A/5         113         1.500           Numer         Numer         20,000         15%         113         1.500           Numer         Numer         20,000         15%         113         1.500           Numer         Numer         20,000         15%         113         1.500           Numer         Numer         20,000         20%         223         3.00           Numer         Numer         100,000         20%         75         1.000           Numer         100,000         20%         75         1.000           Numere         100,000         20%         75         1.000           Numere         120,000         20%         157         2.639           Numere         120,000         20%         157         2.639           Numere         120,000         20%         157         2.693           Numere         150,000         20%         157         2.693           Numere         150,000         20%         157         2.603           Numere         150,000         20%         159         2.000           Numere         150,000         2.05						[Magene	175,000	\$0%	255	000'C					
Numerie enclose         20,000         13-6         11-5         1,500           Munerie enclose         20,000         13-6         11-5         1,500           Munerie enclose         Noreits WrP         180,000         20%         225         3,000           Noreits WrP         Noreits WrP         10,0000         50%         751         1,000           Noreits WrP         25,000         20%         177         1,000           Negena Metajore         120,000         20%         177         2,690           Negena Metajore         120,000         20%         177         2,690           Neerenga Worren         150,000         20%         179         2,690           Neerenga Worren         150,000         20%         179         2,690           Neerenga Worren         150,000         20%         190         2,000           Neerenga Worren         155,000         20%         190         2,000           Noterenga Worren         150,000         20%         190         2,000           Noterenga Worren         150,000         20%         190         2,000           Noterenga Worren         150,000         20%         190         0 <t< td=""><th></th><td></td><td></td><td></td><td></td><td></td><td>N/IC</td><td>X S.S.</td><td>113</td><td>1,500</td><td></td><td></td><td></td><td></td><td></td></t<>							N/IC	X S.S.	113	1,500					
Muneum (gold w/p)         180,000         30%         225         3.000           Novels W/P         Nyoels W/P         100,000         50%         300         4.000           Novels W/P         Novels W/P         100,000         50%         300         4.000           Name         Name         100,000         50%         307         1.000           Name         Name         120,000         30%         1.01         2.600           Name         Name         120,000         30%         1.97         2.600           Name         120,000         20%         1.97         2.600         1.000           Name         150,000         20%         1.90         2.600         1.600           Name         150,000         20%         1.90         2.600         1.600           Name         150,000         20%         1.90         2.000         1.600           Name         1.50,000         20%         1.90         2.000         1.600         1.600           Name         1.60,000         20%         1.90         2.000         1.600         1.600         1.600         1.600         1.600         1.600         1.600         1.600							20.000	154	113	1,500					
Nyou With         Nooi With <t< td=""><th></th><td></td><td></td><td>-</td><td></td><td>Mumor land with</td><td>180.000</td><td>3000</td><td>225</td><td>3.000</td><td></td><td></td><td>-</td><td></td><td></td></t<>				-		Mumor land with	180.000	3000	225	3.000			-		
Natifiabul         2,000         70%         71         1,000           Magina Mbajone         1,20,000         30%         1,97)         2.630           Nateres         1,20,000         30%         1,97)         2.630           Nateres         1,20,000         30%         1,97)         2.630           Nateres         1,20,000         30%         2,71)         3.63           Nateres         1,30,000         55%         1,50         2.000           Marenya Mitmuti         N/L         90%         1,50         2.000           Nateres         1,50         2.000         2.000         1         0           Nateres         3.2020         55%         1,50         2.000         0         1           Nateres         3.2020         55%         1,50         2.000         0         1         0         0						Numa W/P	100,0001	50%	300	4,000		_			
Megina Mbajone         120,000         50%         1971         2.630           Navena         Navena         120,000         20%         2771         3.652           Navena         120,000         20%         2771         3.652         1           Navena         150,000         25%         1.50         2.000         1           Navena         150,000         55%         1.50         2.000         1           Navena         150,000         55%         1.50         2.000         1           Navena         1.50,000         55%         1.50         2.000         1         1           Navena         5.2020         1.55         2.000         1         0         1						Karikabu!	25,000	90c	73	1,000				-	
Xалиние         120,000         20%         277         3.693           Минетера Wonkin         1,50,000         55%         1,50         2,000           Минетера Wonkin         1,50,000         55%         1,50         2,000           Минетера Wonkin         N/E         90%         1,50         2,000           Вилики         2000         65%         1,50         2,000           7 лики         6,000         65%         1,50         2,000           7 лики         6,000         65%         1,50         2,000						Meguna MDajone	120,000	30%	197	2,630					
Revergent Worken         1,50,000         65%         1,50         2,000           Norweys Nitratiti         N/E         90%         1,50         2,000           Reverse         84mass         40,000         65%         1,50         2,000           Reverse         40,000         65%         1,50         2,000         0           7, akst         6,500         3,262,913         1         6,716         6,543         0						Karvene	120,000	2049	412	3,693					
Naterwyk Nitimuti         NUE         90%         150         2.000           1         84mass         40,000         60%         150'         2.000           7         7.444         6.050         1         6.716         69.543         0						Mweren Women	150,000	\$\$ <del>4</del> "	150	2,000					
[34match         40,000         60%         150'         2.000         0           7.4481         6.650         3.262.915         1         6.716         89.543         0	<u> </u>					Marwaya Nitrimiti	Tan I	-2006	150	2,000			    -		
7.4481 6.650 3.262.915 1 6.7161 89.543 0						Harmonda	40,000	*:09	150	2006				-	
	_ 1			4 V L	ļ		3.262.915	-	6.716	K9.543				5	

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Table - 5.3.3 (8/18)

Code District Project Name 470 Synuthere Autor 470 Synuthere Kanton Muture Kanton	Devis Capar Cin <sup>2</sup> /di	Population		Original			Pastan		Estimated		Design 1	
District	Capac	Served					-					
	φ/ <sub>e</sub> u)		Project Name	Cost	Sintes	Capacity	Population	Project Name		Population	Capacity	Source of
2. 	i957	(Nov)		KD .	(m)	-	(ive)			_	(m, dm)	Supply
·		ĺ	Liburu Lawria	ian i	Ongoing	315	4,200		-			
Nucler Nucler Nucler Kunnelle Kunnelle Kunnelle Kunnelle Kunnelle Kunne Nuchter Ruther	271		Kanjoo in.	NE	Ongoing		av.					
Mukunene Kunjaruf Muhunene Kunjaruf Muhuhutene Kunineteu Kunineteu Kunineteu Kunineteu Kunine Muthor Muthor Muthor Muthor Muthor Kunine Chund Chund Iumi Chund Chund Kunine Kunin	580		Citumbi	NE	Kehal.	\$	1.200					
Muhurone Konjazu Muhunone Konjurie Wathawe Wathawe Wathawe Konntereu Konna Kuta Autonone Muchore Ruthina Muchore Muchore Lanytro Lanytro Citute K Chub Muchore Kaninbi Citute K Chub Muchore Lanytro Citute Cantre Citate Cantre		}	Getunusu	3/N	Ongolng							
Kunjaurukhuhhallee Kunwuhe Mathawe Mathawe Mathawe Mathawe Kanharuk Kanharuk Muchore M			Cilika Conusi, Centre	NR	Ongolng	263:	3.500				-	
Kimulte Matchaue Matchaue Matchaue Matchaue Kanhau Kanhau Matchare	- 		1,000 Tverv W/S	40,000,000	Ongoing	-						
Mathawe Mathawe Kanthereu Kantskevul Kantskevul Kantskevul Kantskevul Antuenen Muconymne Muconym			Vouleme Springs	136,000	Ongoing	IXI	2.500					
Mutukuiru Kaanda Kantheleu Kantheleu Kantheleu Kantheleu Kanthe Mutuhore Mutuhore Mutuhore Kanthe Kanthe Chum Itum Chum Kanthe Chum Kanthe Chum Kanthe Chum Kanthe Chum Kanthe Kanthe Chum Kantheleu		]										
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Kulthiore Burtho Muconymme Muconymme Muchore Muchore Kantho Churtho Ch		Ē.								-		
Further Mucryment Mucryment Kanhina Mitici Kannbiro Lanyfro Lanyfro Charter Charter Charter Charter Charter Charter Charter	152	1,220										
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Kathihaa Mitisi Ruweento Anuvocohio Thambiro Laanito Laanito Ditumbi Charuto Catutae Kanimbi Catutae Kanimbi Catutae Kanimbi	005	1000			-		_			-		
Kweene Antucechlo Thembino Leanyteo Leanyteo Citumbi Kurimbi Kurimbi Citus Centre Roof Catchment	186											
Anucochio Thanbiro Lanytto Lanytto Chumbi Chumbi Chumbi Kurimbi Cilisa Cantre Roof Catchment	24									1		
Thembiro Lanyfro Lanyfro Charturo Charturo Chumbi Calumbi Cilian Cantre Roof Calchment	1:50	2.000								-		
Lanyteo Lanyteo Charunte Carunte Kaninte Kaninte Colute Karinte	233											
livmi Charuna Calumbi Kadimbi Rista Centre Roof Calchment	260	0				 -						
Charura Chumbi Caruta Kushinbi Cilita Centre Roof Catchment	00+	2,000								_		
Giumbi Gauthe Konnnbi Gilaa Centre Roof Catchment		5				_						
Galuthe Kayimbi Cilita Centre Roof Calchment	09	1,500					_		-			
Karlints Gilka Centre Roof Catchment	1:231	000 T								-		
Gilka Centre Roof Calchnent	150	000 c1			 					_		
Roof Catchment	007	2,000		_								
	91											
Citera	0											
	7.529	48,820		40,136,000		655	11,400		•	ō	0	
480 Tharuka Nithi Mulindwa W/E	2		Ntustani-Mukungungu Irr.	20,000	5%	41	540	Nihambo W/P	N/EI	Ξ <b>Λ</b>	N/E Xver	
Kithin W/P	307		Inune Magulini	500,000			îŻ.		_			
inameluthi	151		Rwanchege Kyeni	RNA	80%	•	5					
Kunuruala	75		Mbogori Water Asso.	KNA	35%	-	ĒN					
Koof Catchment	e		Makun W/P	RNA	20%		NB.					
Others	õ	-	Keron	RNA	10%		i în					
Total	424	006'0		550,000		41	540		0	0	0	
490 Mining Kyuso	t1	4,100 1	4,100 Nzelumi	27,500	40%	350	4.565 NZHU	Nzitu	120,0001	4,996	125 River	
Nguni		1 IN	Caunaruu .	160,000	80 <del>6</del>	150	2,000	2,000 Ndandini/Wingemi	115,000	1000	48 Spring	
Enziu		NE	N/E Ndandini-Winge	120,000	25%	150	2,000	2,000 Utingas	40,000	1.500	35 (Dam	
S/M nn/S	2	3,000,6	3,000 Kyuso H/Hole	150,000	\$08	308	4,100	4,100 Kaunzuu	25.000	2,000	60 Spring	
Othen	1,452		Tseikuru	120,000	10%	375	4,996	Knuso	150,000	4,100	48 : B/H	
Total	1.526	7,100		577,500	-	1,332	17.761		450,000	14.596	316	

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		h vlatine			Ungoing	×				Flan	Planned/Designed		
		Dealign	Population		Original	Physical	Design	Detig		Ţ	6540	D-sign	Source of
Code District	Project Name	Capacity	Served	Project Name	is Cost	Storus (%)	Capacity (m <sup>3</sup> /dm/)	Population (No.)	Project Name		(Nns)	(webi m)	Aldans
	V.11m1n	iy Xen/tu		)(Thange	350,000	\$59	loce	4,400 Mukae	Vjukae	A/N	NE	NETank	
4AU SMAKUENI		40	- WW	i Iciana /kilomewani	45,800	104	263	3,500	Vdovoli	500,000	aw	NEIBH	
	International Action		Annto .	Multala	10000001	\$06	8	000	4,000 Kaiti	500,000	NE	N/E River	
	Koot Chichrenn	212.0		Warnuckin Cand Dave	350.000	50%	61	2,307	Kathamboni	500'00S	N/E	NEDan	
	Others	ctork		Administration operation operation	30,000	30%	285	3,800	Gooke	SVE		N/E River	
		-		11 ADDE 10 ADDE					Kwayitiki	200,000		48 Spring	
								ſ	Kal	1,500,000	4,821	173 Spring	
Ì		-			-008 X 4		ISET	18,007		3,200,000	7,187	221]	
1'otal		9,349		0	0001010			a03 Cu.		119,727,611	ŀ	3,748	
Eastern 1	Eastern Province Total	34,152	142,409	1	46,463,350		14,61.5	UNC' 1 1			e e	11 21 Sutter Dam	Den
SIU Gariasa	Sunkuri	44		0 Jam-Jam	20.000	306	3	3. 	a, UUU (MODOPASHE				
	Bura	69		DINET. TANK	20,000		8	8					
	Banane	67	3,150	6	-								
	Nusion	47											
	Cot-	N.		5								_	
	f C.									-		-	
	011												
	Numanusary											-	
	Weinweit	•	1007										
	Hazadera	121											
	Kulan	110		6									
	Gunta	12		5									
	Musabubu	18		4									
	Khowa			0									
	Daniajale		3,090	0									
	Norakora	BI								_			
	Reaf Catchment												
	Others	1,749									ĺ	-	
(Coto)		2,434		8	40,000		0.10	4.400		•	1.500	113	
CO Minister	[]mhrts	12	ļ	O Kutulo RVH	200,000	55 I							
	RhomurDingu	09	3,0001	0.Kalaliyo	20,000	40%	150					_	
	to and Catchness			Kutayu Pan	NE	. 		RNE					
		VCX		LWP.	100.000	\$03		5000					
	Grant			Rehab W/P	100,000		150	2,000					
		100	l		450,000		609	000'Y		0	0	ō	
[ OIN									Ajawa	000'041		ничі	
530 Wajir	FURITIANS.								Manse	170,000	4,000	R/H	
	110										-		
	CHURN												
	Ademesajida	<b>*</b>											
	Dit-Magale	97											
	Otherts	113										ē	
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Table - 5.3.3 (10/18)

		1900 L	Extrang			Cogoing	ž				ni 4	Planned/Lenigned		
			Dealer	Population		Unitinal	Physics	Design	Destar		Estemated	Devien	Devien	
Code :	District	Project Name	Cupacity	Served.	Project Name	Cost	Status	Capacity	Pepulation	Project Name	Cost	Population	Capacity	Source of Soundly
-			(m <sup>2</sup> /day)	(Nos)			(m) (	(m2/day)	(Nn.)		GKD	(Nns)	(m (day)	1.11.
610 Clusic		Nyamache	247		Sengera	60:000	30%	325	4,338	Monianku	600,000	3,500	17515	175  Spring
		Nyamanambe	187		Klenvo		80%	09	800					
·		Getare	S.		SOO Nyaigena/Itambe		85.76	195	2,600					
		Kinkindo	50	ŀ	Nyakerato	92,500	90 <b>%</b>	1991	2,548					
		Emer	8		Mastri		¥Я.	8	1,200		-			
	-	Reaf Catchment	4	ŀ	Nvanderena/Mosocho ACA		306	3	1.200					
	·	Others	16.347	ĺ										
	Tolai		17.015			368.7861	-	959	12.786		000.000	3.500	1251	
620 Kisuma		Kanvakwar	235		2.000 Mehenva	50,500	70%	130	2000	2.000 Ozen Disp w/b	75,992	8	2615	26 (Sorting
	-	Awai WS			Nentroko Miwani HA	100001		×		SOO Kaluhi Gmv. (Riat)	NN.	NE	NIELRiver	äver
	_	Tame WS			Number Plant Central	1.730.075		-						
	_	New Prison w/s		[										
	Total		IETW'T	2,000		1,410,5751		184	2,500		204,67	200-	8	
630 Sinys		Audr	7	3,000	3.000 Kanoet Kesearch Station	17,000	95%	18	2007	2.000 Banda Tawnship	AIN	N/E	3,000 H	3.000 Kiver Yala
··•	_	Vin Nyawita	137	1,500	POCNP	N/E)	On-going		Ĩ.	Nil Asembo	NE	197	NEL	NE LVictoria
	-	Asembo Bay	55	2,000						Nakwa Phase !	NE	ίθN N	E E/Z	N/E River Yala
	_	Roof Catchment	134							Jera	NE	N/E	A/E B	N/E B/Hole
		Others	ō							KFWWSD Shillow Wells Prog		N/E	NAN	N/E Oround/Springs
										Bondo TTC	4,000	3,300	87	200 Yala River
	Total		1002	6,500		17.000	-	150	2,000		626'5	3,300	3,200	
640 Honu Hay		Ndhiww/Kapedhl	8	1001	100 Got Kolowi	000'05	30%		NE	Asumbi/Rangwe	200,000	6461	750 Ruver	üver
		Koot catchment	353											
		Others	1.266							-				
	Total		1,626	81		000'06		0	°		2001002	1689.1	1952	
650 Migorh		Roof Catchment	78		POCKP	<b>V</b> /V			NA	Ongo Health Centre	100.000	2001	5 H	5 RVH
		Others	1.27.6		Kenya/Netherlanda RDWSSP		•			KRSC-KWP	Z	N.	SIEN	Nil Surface, G/water
•					AHF/RWS	-  .	•		•	Nyaroba W/P	20,000	005	25.52	25 Spring
					DOH/RWD	.	-   •		•	Keponga HAS	10,000	300	2 22	25 Springs
										Masabe W/P	20,000	2001	8	30 Dem
	Total		662.12	P		ō		0	°		000'05'1	1,600	53	
A60 Nyamina	, a	Menyanya	141	999 9	600 Exerenyo	000'09	75%	អ្ន	3,000	3.000 Madindi	75,000	10001	1705	170 Spring
		Vyakome	4	1000										
		Roof Catchment	15											
		Others.	4,226											
	Total		4,826,8	560		60,000		225	3,000		75,0001	00012	1071	
	Nvnnza Province Total	viace Total	1940'62	19,780		2,146,761		1.521	20,2%6		1,106,981	12,589	4,406	
710 Kallado	L	Looderiek	200	000 1	Elissel/Maparasha	150,000	704	52	8	300 Olcharo	50,000	NIE	N/E Spdng	pdne
-		Ewaso Kedong	SBS	2,000	Klasju	000'06	65%	8	80	800 Engurau/Rongena	NE	NE	ANE B	N/E B/H & Spring
		Roof Catchment	«		Neone(Olkeri)	600,000	95%	32	3.000	3.000 Oldenye Otber	NE	3/2	END BY	Gver
		Others	7.16.7	Ţ	Mode	200,000	50%	22	7*000	1,000 Entonet	1000'001	4,000	300 R/H	KH HA
					Oldramettan	75,000	4.80	135	1.M00					
l				52 r			t							

### Final Report – Suppoting Report Part IV Water Resource Development Plan

### The Aftercore Study on the National Water Master Plan

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Koli Den W/P 85% N/E N/E
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(SSRWS)
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Table - 5.3.3 (12/18)

-	L'Assing	ling			Chipaing	ž.					Planned/Designed		
		Design	Population		Original	Physical	Destan	Design		Estimated	Design	Design	
Code District	Project Nume	Capacity	Served	Project Name	Cost	Status	Capacity (m <sup>3</sup> /day)	Population	Project Name	Cost	Population (New)	Capacity (m <sup>3</sup> /duv)	Source of Supply
Add Phatman	(Bachard Chanis	7734.	1 420 104	Kitensers W/P	24	75%		2	Mahing W/P	1000:000	Z/E	\$00.Spring	
		Ĥ		Canori W/P	140 DOO	ASE		EX.	N/P Balbar	356,000	NE.	172/B/H. Stream	drean.
		5		3 DOD Muserial Record	RAD DOD	14		TN.	N/F Subucha Ootlessel Fam	3 236,490	2,390	2581Dam	
	Noticeto V 2 M			Vil Brinds Borehole	640 DO	100		LIN N	N/7 New Handh New inverse Meende	\$56,131	100%.6	40k River	
	Milabell anamat	NOR	1044	750 Wassenso W/P	1 500.000			NIF	N/F Kapmbuon W/P	\$19,500	1300	114 Stream	
	Circles and the second s	2251	1200						Thirtico Farm W/P	134,360	8	34 Stream	
	and the second					Ī			2444 W.S.	Jow av I	19	15/Ge Nahiot of	20101
	Kamtu/Nyondia		3							COATULE I			
	Kahura	<b>Q</b>							VOID ZONIU W/P				
	Mirera Suswa	1301				-			Michatha W/P	SK,000	1.20	S6 Pipe EM.	Cri.
	Maral-Ousho	180							Mau Summi W/P	an	RX	N/P Surface Water	e Water
	NANUR	8	1,200										
	Klunthu	Ş				<b> -</b> -					-		
	Nvavo Tea Zone	1								-			
	Greater N. boo. W. et					<b>-</b>					-		
	X-moi	48											
					Ì	Ī							
	Know	r.									-	-	
	Glory-Lund	35	~	-					-	_ (			
	Wayorero	311	K90	-		1				_			
	Kereshwa	540	90										
	Kianbogo	150	1,280									ļ	
	Ragashura	2.2.16	90 <del>7</del> °2			-   						-	
	Subukia Valiev	ñ	340										
	Rehati Vari	54.7	2.400										
	E a decrea	8										-	
												-	
		Ē											
	Cloanite	0	<u>Ma</u>										
	Mbogolni	è	802										
	Macia	10	800 V						·				
	Lengenet	259	1.800				•						
	Kertaol	8	85		-, -								
	Plave	118	Z							-			
	OIDINPAT		N.E.										
	Martro		ź								-		
	Neondu		ž										
	Roof Cetcherent	1.217											
	Others	1920.6											
Total		18.057	33,650		3,040,000		ō	ō		5,620,461	10,490	1,5591	
260 1000	Month 1 aire	161		Thistocal	200 000	76%	166	2.214	Mostro Pans	140.000	4,500	H/8 OCE	
		1 1	0.01	2 460			•		M/Moro Pon	Ъ	NF	N/E Soring	
	OLKUTO W/S	-								1 N S C I	-	0.0 0.00	
	Roof Catchment	2							Leanula W/P	1 and the	7,000	mide CA	
	Others	1,992						-	Nkinyeni W/P	27,900	1,500	11.3 Spring	
		-					_	1	litumutum Pen	21,786	1,600	5,000 Pan	
	•								ស្រុកព្រះ	18,000	1.000	96 Spring	
			-						Shabal-taragwa	15,250	BNR	- Spring	
···									Naikara W/S	120,000	2,500	330 Spring	

Table - 5.3.3 (13/18) Water Supply Project in Small Scale Rural Water Supply (SSRWS)

Project Nume         Estimated         Dest           Project Nume         Cost         Population           Strethers         0.000         Cost         Population           Color         0.000         0.000         Cost         Population           Colorer         0.000         0.000         0.000         Cost         Population           Colorer         0.000         0.000         0.000         0.000         Cost         Population         Population         Population         Population         Population         Population         Polation         Polatio													
Duck         Types Value         Condition         Condit         Condition <thcondi< th=""><th>-</th><th></th><th></th><th>Domitation</th><th></th><th>Original</th><th>Physical</th><th>Design</th><th>Design</th><th></th><th></th><th>Design</th><th>Design Source of</th></thcondi<>	-			Domitation		Original	Physical	Design	Design			Design	Design Source of
There have been been been been been been been bee		Project Name	Cupacity	Served	Project Name	Cost	Status	Capacity	Population	Project Name		Population (Now)	(m <sup>3</sup> /day) Supply
Thrate Name         Constrained         App         Optimization         App         Optimization         App			(Asp/stu)	(Nos)		g	(iii)	(Jab/m)	('0v)	Rudsheet.	000.0	- YNN	KNA River
Chronen Klenekki         Ed.         exp(i)         13         Current         500         13         100	Tinans Nzola	Seboli	34	696		4 /0,000	#					+-	
Titled         Titled<		C/Kwanza Kolongolo	46	405	s Kaisagat	65,080	4 C I		2007				
Other         733         Total         700		Roof Catchment	¥7										
Triat         Triat <th< td=""><td></td><td>Others</td><td>7,332</td><td></td><td></td><td>i</td><td>-</td><td></td><td></td><td></td><td>-</td><td>~</td><td></td></th<>		Others	7,332			i	-				-	~	
Marchan         Denome         11         LUCD (Monte         CCC/00         CCC/01         CCC/0	Tintal		7,440	1.10		535,000	-	457	6,096		iano o	5	A BALEFULA
Tento         1         2.001         100         2.001         100         2.001         100         2.001         100         2.001         100         2.001         100         2.001         100         2.000         100	I farin Citabut	Kiekatuse	112	1,07	Z Kipkabus	652,000	585	80	1,072	Mal G. H. School	72,000	1.300	12 NUM WILL
Network         National			8	000	O Torskwa	172.700	40.64	149	1,990	Koltonor Health Centre	12,300	860	85 Dam
New         1.401         3.0001/000         706         1.91         2.0001/00006 Film         1.000           New         1.000         1.000         0.000         0.66         1.91         2.000         1.000           New         1.000         1.000         0.000         0.66         1.91         2.000         0.000           New         1.000         0.000         0.66         1.91         2.000         0.000		competition of the second		B	Truburne Matharu	000.000	10%	187	2,485	Kaiteivot	000'05	1.250	12 Dem
Network         Not		NICODO			Minkaman Patri	3.000.000	70%	†-	VIN	Maseac	200,000	800	320 B/H, River
Regro Binetic         No.         Control         Contro         Control <thcontrol< th=""> <t< td=""><td></td><td>XaphKetuny</td><td></td><td></td><td>of and the Participation of th</td><td>X7 K50</td><td>SKG</td><td>153</td><td>2040</td><td>Kipsombe Farm</td><td>11,000</td><td>120</td><td>14   P/Hole</td></t<></thcontrol<>		XaphKetuny			of and the Participation of th	X7 K50	SKG	153	2040	Kipsombe Farm	11,000	120	14   P/Hole
Occurrent         Notement         Sector         Se		Elgryo Border	2		C LOSOLO CAPITECIALIY		207	1.1	2.300	Chevalva	181,0001	4,112	276 Dam
Tranco. Netry         Zmito. Netry          Networe         Netw		Osoconizal		2	11 Maxonz)	100,000		164	01 ¢	Vive K.C.C.	100,000	010	30 Dam
Nationality Induced         One- (mentati         Use         NII         Defension         1.2.00           Vertices         -		Lemon-Ngeny	_		Osoroniza	an c		40.0			000 100	0097	322 Dam
Norm         Norm <th< td=""><td></td><td>Makonej</td><td>-</td><td>Diffo</td><td>- Kemeliet</td><td>180,000</td><td>40%</td><td></td><td>Ξ</td><td>Clieburar</td><td></td><td></td><td>ac GAL Cadao</td></th<>		Makonej	-	Diffo	- Kemeliet	180,000	40%		Ξ	Clieburar			ac GAL Cadao
Option:         Date         Date         Date         Notice		Konstel			Lemons	E.	28.92		Ĩ	Plateau	100-001	¥ X	Shurde "UIC Co
Notive         141         1416         0400         100         100         100         100         1000         1000           Notive         1				and.	(come	Z	80%		ź	Kapladach	212	3,4271	395 Kover
Notice         And         And<		An provide		91.5	O Presdor Mono Phdored	140.000	Γ		Ē	Thurkwa/Teltet	750,000		265 River
Neuronal Internationa		Kollerer				000,000		001	4.000	Saite W/P	705,436	1,393	204 Kiver
Other         X.400         Kents         Kents <th< td=""><td></td><td>Roof Catchment</td><td>ē</td><td></td><td>CAURON</td><td></td><td></td><td></td><td></td><td>Kanetet</td><td>47,000</td><td></td><td>H/8 09C</td></th<>		Roof Catchment	ē		CAURON					Kanetet	47,000		H/8 09C
Total         7.2.84         V/74         5.207.550         1.1,19         0,0000         2,000,190         1.30,000           Remaining         7.2.84         V/74         5.207.550         1,1,19         7.500,00         2.06,194         1.00,000           Remaining         7.2.84         V/74         5.207.550         1,1,19         7.5,000         2.06,194         7.5,000           Remaining         7.2.84         V/74         5.2000         66         1,00         2.06,194         7.5,000           Remaining         7.2.84         V/74         5.500,200         7.5,000         2.660         2.00         2.660         2.00         2.660         2.00         2.660         2.00         2.660         2.00         2.660         2.00         2.660         2.00         2.660         2.00         2.660         2.00         2.660         2.00         2.660         2.00         2.660 <td></td> <td>Others</td> <td>ONC.2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>kontrales.</td> <td>00009</td> <td>-</td> <td>292 Dam</td>		Others	ONC.2							kontrales.	00009	-	292 Dam
Total         7,294         9,714         7,000         600         7,000         7										Nutricities	un or		S451Dem
Total         7,294         9,77a         5,207,500         1,199         1,5590         2,500,164         2,000           Retern         7,294         9,77a         5,207,500         4,94         1,290         1,500         2,001,164         2,000           Retern         7,500         4,94         1,05         5,500         4,94         1,02         2,501,164         2,000           Retern         7,500         4,94         1,05         7,500         4,94         2,500         2,000						_				Vaplanacu women olump			ATO! Crein #
Total         7,234         V/TA         5,207,300         V/TA         5,207,300         V/TA         5,207,300         V/TA         5,207,300         V/TA         7,244         V/TA         7,246         V/TA         7,24						-				Kapsangui	am'ort		170 Codine
Total         Total         0,714         0,203         0,974         0,203,000         0,119         1,5300         0,200,000 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Kenetik</td><td>1.20,000</td><td></td><td>and the last f</td></t<>										Kenetik	1.20,000		and the last f
Num         Chepritungs         40         SA00         Longiout         664         1V2         Z.S.05         Longiout         775000           Montyooki See, Sch.         750         Jangi See, Sch.         1050         1050         1.400         Kinsternition         750.00           Montyooki See, Sch.         750         1050         1050         205         106         1.400         Kinsternition         750.00           Montyooki See, Sch.         1050         1050         205         205         106         1.400         1.450.00         225.000           Montyon         1050         205         205         206         100         1.150.00         255.000         255	finter.		7.294		14	5,207,550		661"1			2.760,198	10.5	A,/06/
Longtounding         Activity         Local	E					600,000				Longta Dam	750.000	2,555	220 Kwer/Dam
Montpoint Act, Sch.         To         Consent         Sch         2000           Montpoint Act, Sch.         75         1.000         Initiation Dam         35000         20%         20000           Montpoint Act, Sch.         48         635         Initiation Dam         35000         20%         20000           Jungat Sch.         48         635         Initiation Dam         35000         20%         Denotion         252,2300           Jungat Sch.         300         Note         300         100         Montyin         125,000           Notest         7,794         2000         20%         20%         20%         20%           Notest         7,794         2000         20%         20%         20%         20%           Notest         7,794         2000         20%         20%         20%         20%           Notest         7,794         7,290         20%         20%         20%         20%           Notest         7,200         7,200         20%         20%         20%         20%           Notest         7,200         20%         20%         20%         20%         20%           Notest         7,200         20% </td <td>190UQT</td> <td>Cheptungu</td> <td></td> <td>1</td> <td></td> <td>105,000</td> <td></td> <td></td> <td></td> <td>Kolwa/Hospital</td> <td>225,000</td> <td>1,499</td> <td>99 Kiver</td>	190UQT	Cheptungu		1		105,000				Kolwa/Hospital	225,000	1,499	99 Kiver
Mater Sec. Sch.         79         LOOD Lemitrici Lam         2000         Lambor         Lambor <thlambor< th="">         Lambor         <thlambor< th=""></thlambor<></thlambor<>		NOTICOLIX Sec. SCh.								Muraneo Sec. Sch.	200.000	1,405	42 River
Lingsa Sec-Sh.         46         0.33         0.33         0.33         0.33         0.33         0.33         0.33         0.34         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.35         0.36         0.35         0.36         0.36         0.36         0.36         0.35         0.36		Mulot See, Sch.	19	ļ	O Leanich Lam	200102				Chessen	125,000	2,557	70 River
Solit         Note         Marvyan         25,939           Nicaral         N/S         349         Marvyan         126,63201           Nicaral         349         N/S         7.292         Marvyan         126,62001           Notar         7,754         7.200         7.40,000         207         3,93         1.669,.2001           Naterent V/S         2.27         1.200         10,000         307         750,000         106,000         100,000         106,0		Longes Sec.Sch.	4	6	0					Vandalaio	262.250	4,883	170-River
Notanil         Notanil         Notanil         Notani         Nota		Souk		Ż						Modinida	126.956	2.556	12K River
Rolf Catchment         349         349         349         349         340		Nomal		Ż	5					rat for parts			
Others         7,794         7,04         1,050         7,040         1,060         1,0000         1,000         1,000 </td <td></td> <td>Roof Catchment</td> <td>349</td> <td></td>		Roof Catchment	349										
0141         8,335         7,242         740,000         207         3,043         1,000,00           Nutaerer W/S         27         1,000         010000         010000         10000         10000           Fanasen W/S         30         1,000         30%         30%         1300         2000         10000         10000           Fanasen W/S         30         1,000         30%         255         3,000         10000         750,000           Koof Carchmerti         23         Nipsbils W/P         13,000         1000         10000		Others	7.794								00-002	16 166	nut
Naturary W/S         27         1.200         1.200         10000         300+         100000         100000	Total		8,355		2	740,000		297			1,069,200	0.000	ton stades
Finatern W/S         10         1,500         Number         10,000         30%         2.55         3,000         Number	Transfer	Nakararu W/S	12		8					Oldonyo Kasha			Surres over
Atometri         39         Electeren W/P         50,000         W04         110         2,000         750,000           SSN         Nijpakijy W/P         1,60,000         10%         225         3,000         170,000         170,000           SSN         Nijpakijy W/P         1,60,000         10%         225         3,000         10%         70,000           CSN         SSN         Nijpakijy W/P         1,60,000         10%         255         10%         100000           CSN         Nijpakijy W/P         1,60,000         10%         255         10%         100000           CSN         Noview W/P         Noview W/P         7,000         10%         10%         100000           Noview W/P         Noview W/P         7,000         10%         10%         100000         10%           Noview W/P         Noview W/P         100,000         10%         10%         100,000		Enoseen W/S	05			10,000				Nakuiyana W/P	200,04	2007	
23a         Nijakiji W/P         1.60,00         10%         225         3,000         170,000           23a         Nijakiji W/P         1.60,000         10%         25         10000         100000           23a         Nijakiji W/P         1.60,000         10%         25         100000         100000           23a         Name D/M         Name D/M         7,000         7,000         100000         100000         100000         100000         100000         10000		Und Catchment	6			20,000		150		Poroko W/P	750,000	0.6.1	ureaux nns
Image: Second			HUS		Nijoshio W/P	150.000		522	3,00,5	Didolisho W/P	70:00	1,500	400(Spring
Kernikaal W/P         65,000           Enurwa DNUrr         7,500           Murkan W/P         7,500           Staget W/P         7,000           Staget W/P         70,000           Lolignere W/P         1,00,000           Australian W/P         1,00,000           Lolignere W/P         1,00,000           Australian W/P         1,00,000		Unters								Isampin W/P	1000001	1,750	500 Dum
Emurva Ditir 7,500 Murkan W/P 7,500 Saget W/P 70,000 Shankee W/P 1,00,000 Loligoren W/S 1,5000 Angata Baragol W/s 1,50,000										Keninkani W/P	65,000	1.506	300 Spring
Murkan W/P         7,500           Sagari W/P         70,000           Shankoe W/P         100,000           Lolignten W/S         125,000           Angasia Baragol w/s         155,000			_							Emurwa Didir	7,500	2,000	450 Dun
Soget W/P 70,000 Sharkee W/P 100,000 Lolignen W/S 125,000 Angala Bangol W/s 150,000										Murkan W/P	1005'2	2200	500 Dam
Svankee W/P         100,000           Lolgaren W/S         125,000           Angele Bargol wie         150,000										Sheet W/P	70,000	1,500	4001Dam
Loignten W/S 125,000 Angete Barapoi Wis 150,000										Cheating W/P	100,000	1.500	4.50 Spring
Angela Baragol w/s 150,000					-					Constant N/K	125,000	3,60	2001Dam
			-			_				America Remark with	150.000	4.000	1501B/H, Spring

(SSRWS)
Water Supply
le Rural V
Small Sca
Project in Sm
Water Supply ]
Table - 5.3.3 (14/18)

	Mundavet				VIRUNK	¥				<i>L</i> 18	FRAME OF LATER DECO		
	-	Denign	Population	-	Original	Physical	-	Design		listumated	Design	Design	Source of
Code Divinci	Project Name	(m <sup>3</sup> /dm)	Not)	Project Name	E Coa	Siatua (**)	Capacity (m)/dev)	Population	Project Nume	S Cost	Population (Note)	Capacity (m <sup>1</sup> /dau)	Supply
(Baringo	(Vabarton)o	1005	4.350 Rada	adat/Maji Moto	175,000	70%	FF.	- 500	Fimo	1000/5/46			liv.
	Kapchepkor	56	1,106 8	1,106 Rehabilitation		150%		N/B	N/E Perkern Multi-Purpose Dam	90,000,000		NEIDam	
	Bartolimo	110	794 V	//Conservation Minuctures DC	292,477	954	218	2,900	2,900 Kilinget	225,000	1,250	94 Cravity	14
	Thindonin	116	295 8	abor	R/F	404		BIN	N/8 Koyonin	550,000			ty.
	Talai	96	526	526					Nochongoi	8,000	809	42 S4	
	Veretunin	160	214						Notwo	175,000	1,681	4,363 (Oravity	4 k
	Penium	8	1,398						Beklmei	700,000		Gravity	Ă,
,	Ngetmoi	16	505		-								
- • •	Kipkaech	80	\$37										
	Socho Remo	250	650										
	Kapkong	050	04.6'1										
	Tengra	170	1.460										
	Ch eberen	120	502										
	Patkawanin	145	1,500										
	Kumpi Remats	62	1.600										
	Chemolingot	86	1,800			·							
	Nginyang	55	8			-							
	Tanguthei	4	1,700										
	Maji Moto	471	804										
	Kadat	1 <u>0</u> 2	8									. — ·	
	Kotkut	64	ğ										
	Kapluk	120	1.200										
	Kisanana	4	1,600						_				
	Ngendalel	5	85			-	-						
	Nanbibi	32/	800										-
	Oliepest	61	800							_			
	Poror	\$	1,600										
	Kapkelelwa	0	NE										
	Klaok	9	B0₽										
	Kaptere	120	1.613										
	Nguanta	08	2,016										
	Saos	160	2,000							-			
	Koshei	lse.	840							-	-		
	Chevirtnison	35	800								-		
	Ninpsoo	33	806										
	Roof Calcharent	172											
	Others	0								-		••••	
"Potol		1 673.5	10 745		1474 162	-	555	740U		00033.000	X 567.	1.30.1	

Table - 5.3.3 (15/18) Water Supply Project in Small Scale Rural Water Supply (SSRWS)

Code Dhafricu Project Nau A.20 Elgero Manikwei Tambach A.20 Elgero Manikwei Tambach Chebitati C	Existing	ŀ	-			c							
District Elgeryo Mankwet Chebilib Kapiko Chebilib Chebili						The start	Dester	Deter		Estimated	Design	Design	Vinera of
Elgeron Manakweet Elgeron Manakweet Cheesilis	Project Name	Capacity	Population	Project Name	Cost	Status	<b></b>	Population	Project Name	S S	Pepulation Not	Capacity (m <sup>3</sup> /dau)	Supply
Elgeryo Mantkwet		(m <sup>2</sup> /dmy)	(Nos)		(KD	( <sub>42</sub> )	(Wels), (m)	(No.)		2 860	1.200	8015	80 Stream
Total		109 1	[ <u>9</u>	Lekwa	175,000	979	EV2	1000	ANDROWAL LATERBUIL		ę	Ne ava	1
1. 10 (E   0   0   0   0   0   0   0   0   0				Fater Finits	51,750)	76%	284	3,780 ]	3,780 Kapsower Extension	1.680	NE		
Total				Newlitzbara	115,000	87%	1951	2,600 3	2,600 Kupsowar Extension	3,200	A.		
1 (1 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2		3			035.02	595	3341	1,500	4.500 Kapsower Extension	200,000	PN N	130 8	130 Kver/spong
Total Total	1			Bepxel-rei		5.5	305	4.073					
Total Total		15.	600 K	Kapkitony	20100			2			_		
Total		158	1,000		4,000	30%	Ŧ	31					
Total Total		137		Epke-Emis	51,750	40%	334	95 95			-		
Total Nanet		0.28		Kapktony	60.000	20%	305	4.073			-		
Total Wandt		01	4009	Nvalhi-Motany	115.000	95%		•					
Total Nanet		ç,		Emenon	397,000	305	216	2.906					
Total Vanel		3 8		Kinskaren	N/P	10%		VIN					
Total Vanel		A4		Blanni	SVE	104	134	1,790		-	-+		
Total Names				furthermore	295,000	10%	285	3,802					
Total Namet		2		i staat na staat	803.750	85%		EN.		_			
Total Nunet		<b>a</b>	2	raviau		ļ					-		
t cist Vandi		30	1.300										
Total	Chepsigot-Cheptebo	829	2000					Ī					
Total		137	90%					Ţ					
Total Nandi		19	600										
Total		8	400					Ī					
Total Nandi		50	<b>8</b>										
Total Nandi	richment	ð						T					
'i cial Nandi		136			_		21.7 C	76 644		204,960	1,2001	210	
Nandi		2,675	14,900		2,158,6001		14,000	1000 P		465,000		1001	100 Stream
	-	21		Mosenbor	20,000		3	~~~		000 81		1001	100 Stream
		8	1,000	Lessos Centre	100,000		150	7000	2,000 NapKwang				tream
		4¥		Kolserat B/H	20,000	104	-1	Эй ХС	N/E Malot	TO TO TO TO TO TO TO TO TO TO TO TO TO T			() () () () () () () () () () () () () (
			1 250	O Kanstak Sec. Sch.	5:00'14	20%	45	99 99	600 Meteget	Inc/ III			
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ana ana ana ana ana ana ana ana ana ana		2											
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Others		101101			354 005		533	2,100		1 508,750	1001.4		

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		Detion	Population		Uriginal	Physical	•••	Destign		Estimated	6	Desig	Source of
Code District	Project Name	Capacity	Served	Project Name	Cost	Status	*	Population	Project Nume	Cost Cost	Population	Capacity <sup>1</sup> /dom/	Alddas
_		LABD.W/	T CONT	-	33		- (AUD/ w.)	( and		0.01	.003		
K40 Sumbury	Marti	\$	1,000 Klish	Shrife Street Stre	000/065	4.04	1 III	MC.1	Lesinkan	20741	2		
	Lenate	Š	1.500	huguts	60,000	1254	225	3,000	3.000 Lowk	009'61	5.30	H/H 101	_
	Poro	187	3,000	Gora	30.000	\$0 <u>4</u>	105	1,400	Angela Nanyukir	100:000	1,000	75 BVH	-
	Bawa	198	1,200	Lealrikan	18.980	30%	150	500	2,000 Poro	900.08	00010	2071Dam	E
	Kollah	2	1.000	1.000 Marti	20,000	*80	188	2,500	2.500 Baringon	100,000	1,000	H/H ST	1
	Providence of the second second second second second second second second second second second second second se	-22.1	000 6	Calmot	00016	305	[ KK	2.500	2.50011 atekweny	100,000	1,000	75 B.M.	
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	Tuum	101	000'1	1.000 Loikan	50,000	20%	ន្ទ	1,600	1,600 Donyowsin	170,000	1,000	75/B/H	1
	Roof Catchment			Lowic .	5,000	Ś	1.8	8	Opirol	25,000	2,500	H/E169	-
	Cherry C	G		Remoti 2 Tank	8.650	38	\$	909	600			-	
_	CIIIOIS			Removal Performance	10.000	1004	1	89			-		
			ſ		000	20	5	80					
			Î		112	Onenine	8	1.700					
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					A			2001T					
				Loijok	V/V		ē	3					
Tolat		1,233	18,200				1.665	22,200	1.00	87.20 8	15,100	9671	
KSO i Turkana	Kateboi		Ē	Lowarensek	80,000	\$0X	150	2,000	Kapedo	150,000		40 Sha	40 Shallow well
	Namedak	4	1.200	Lonzum		454	222	3,000	Lorokon	200,000		40 Sha	40 Shallow well
	Kalobevei	8	2000	Kapedo		959	E11	1,500	1,500 Longum	250,000	4,000	40 B/H	1
	Roof Catchment	0		Namadak	17	104	11	1,500					
	Ciber	1282		Rock Catchment (Lokiteune)	100.000	104	8	2,000					
				Loroken		15g	592	3,500					
				Kalene		¥0%	25	0010					
				Kaikor	200,000	\$0\$	8	2,000					
				, and a second se		\$0\$	8	2,000		-		-	
				K(H)X	~	106	300	4,000		-			
There		1 660	1002		1~		1,636)	24,500		600,000		1201	
uko iston Babat	V	CO.F	2.090	Destorn W/P	42,784	95%	515	4,200	4,200 Pkopoch	002	7,000	7.5 Stream	(UPL)
		an y	1000	Tetter Dem (Rehab)	24.000	20%		Coffee Fact.	Coffee Fact. Kanyarhwat W/P	N/E			cauro -
		QT	D'NA	D/NA Kachaliha Shallow wells	EVN	\$		EN	N/E Syni W/P	1,000		સ	
	Version 1976		1		13.956	955		BNZ	N/E Kapchila	A,125(	202	35 Kliver	Ę.
	Variation W/S	5	DMA	Tartar School with	00005	456	SET	1200	1.300 Kowhauner W/P	2,600	909	35 River	÷.
	CITY AUGUAR	1		and binds We	90.51	S.		RNA	Disk	00 N	8	15 River	er
	Sina		144	1 210 Connet Challon wells	A NA	40		EX	N/F Kantanwek W/F	NE.	BN	N/B. Spring	ting:
	1 Prem		1001		97 PE	8		EN.	Kanlelach/Kannr whi	NE	1200	RO River	er
_	Napracia	2				\$			Mol Macol W/P	14.150	1.000	1,000 River	
	נויוואיי		Not the second s							10.4 55	1001	154 (Serfine	toe
	Cherapar	141											
	Roof Catchment	8									T	-+-	
	Others	ō				-							
Tonal		6292	13,699		180,492	-	450	6,000		78,5751		444	
										101 0 C 101	~~~~	10 a 22 a	

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Table - 5.3.3 (17/18) Water Supply Project in Small Scale Rural Water Supply (SSRWS)

Line         Line         Line         Control         Topper line															
Dubble         Comparision         Comparision <t< th=""><th>ŀ</th><th></th><th>l'orbu</th><th>Jug</th><th></th><th></th><th>Cingolay</th><th></th><th></th><th></th><th></th><th>i transmission of</th><th>-</th><th>im</th><th></th></t<>	ŀ		l'orbu	Jug			Cingolay					i transmission of	-	im	
Duck         Tayle frame         Carety         South         Sou				Design	Population		Orignal	Physical		Design	Parties Manual	Estimated	Design Vaculation	Canacity	Source of
Underline         Optimization         Optimization <td>5 C O</td> <td>District</td> <td>Project Name</td> <td>Cepecity</td> <td>Kerved</td> <td>Project Nume</td> <td>Cost</td> <td>Status</td> <td></td> <td>Population</td> <td>Project transe</td> <td>s c S X</td> <td>(Nos)</td> <td>(m)/dav)</td> <td>Supply</td>	5 C O	District	Project Name	Cepecity	Kerved	Project Nume	Cost	Status		Population	Project transe	s c S X	(Nos)	(m)/dav)	Supply
Understand         State			_	(m2/day)	Ę		GX)	( tr)	(m/day)	1 Jun	Mulad	- NE	NE	NE	Hole
Disk Christikations         SJ         Oblekeita         ALO         ALO <td></td> <td>ungona</td> <td>Kipsabula</td> <td>12</td> <td></td> <td>Kenya Pialand WWSP</td> <td>1,000</td> <td>4.51</td> <td></td> <td>-</td> <td></td> <td>202</td> <td>147</td> <td>NUS</td> <td></td>		ungona	Kipsabula	12		Kenya Pialand WWSP	1,000	4.51		-		202	147	NUS	
New         Sol Mail			KIbuk Cirts High Sch.	ES .		Kabuchai	10,500	60 <sup>4</sup> °	aue.	M7.0	Autoria wamen uruup				
Instant         2         90         1         10			Kahenu	44		Notalu	47,500	100%	211	2,814					
Witch failers         3         No           Witch failers         1         No           Witch failers         1         No           Witch failers         1         No           Witch failers         1         No           Witch failers         2         00           Witch failers         2         00           Witch failers         2         00           Mail Vail Vail         2         00         1         1           Mail Vail Vail         2         00         1         1         1           Mail Vail Vail         2         00         1         1         1         1           Mail Vail Vail Vail Vail Vail Vail Vail V				ć											
Winder Short Freining         1         No           Midder Short Freining         1         2         200           Midder Short Freining         2         200         2         200           Midder Short Freining         2         200         2         200         2         2           Midder Short Freining         2         200         2				1	ļ									- / -	
Note May SN.         21         Note         21           Note May SN.         20         200			Webuye Kouways	°.										_	
Name         Name <th< td=""><td></td><td></td><td>Kalinda Dairy Factory</td><td>18</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>			Kalinda Dairy Factory	18											
Numerical Sector         1.20 biological Sector			KUDBEN High Sch.	62			-								
Notati Scale.         22         Not         200 <t< td=""><td></td><td></td><td>Nonwele Ach.</td><td>49</td><td>ļ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>			Nonwele Ach.	49	ļ										
Notation         200         000           Denoted         2.00         0         0           Denoted         2.00         0         0           Denoted         10         0         0           Denoted         10         0         0           Denoted         10         0         0           Denoted         10         0         0         0           Vectored         10         0         0         0         0           Vectored         10         0         0         0         0         0           Vectored         10         0         0         0         0         0         0         0         0           Vectored         10         200         0         10         10         10         10         10         10         10         10         0 <td></td> <td></td> <td>Bucuta Health Cantre</td> <td>ន</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>- +</td> <td></td> <td></td>			Bucuta Health Cantre	ន								_	- +		
Notation         2         2.00         0 <th< td=""><td></td><td></td><td></td><td>Ĩ</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>				Ĩ											
Total         No.         No.         No.         No.         No.         No.           Cheronia Rabowin         10,         NE         No.			Vitron Sec activ		1			-							
Homenal Hol Sch.         5         1400           Homenal Hol Sch.         50         1400           Homenal Hol Sch.         10         2.00           Homenal Hol Sch.         11         10         2.00           Malken Strein Cener.         120         2.00         10         10           Malken Strein Cener.         121         2.00         111         1.00         10           Malken Strein Cener.         2.341         1.01         2.400         10         10         0           Malken Strein Cener.         2.341         1.01         2.400         100         0         0         0           Malken Strein Cener.         2.341         1.01         1.00         0         0         0         0         0           Marken Strein Cener.         2.341         1.01         1.00         0<			KJiakoko	*											
Numeric Relativery         NUE			Chesoniai High Sch.	25											
Virtial Healty Centor         130         2000         100         2000         100			Hungoma Raliways		N										
Mulae Borter Post         12         000         000			Sirtaia Health Centre	1.50											
Net/Mone Schement Frei         18         N/B         10         1         0 </td <td></td> <td></td> <td>Att Design Base</td> <td></td> <td></td> <td></td> <td> </td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td>			Att Design Base									-			
Modeline         Note         Note         Note         Note         Note           Modeline         Note         Note         10         Note         0			Millace Opricer Fors											-	
NocyMeter Statement IP 1         NE         NE         Noc         Net         Ne         Ne         Ne         Ne           Inviso         27/41         14/5         NT         14/5         2/7         14/5         14/5         0			Neuxore wemen Uroup.	071					Ì				-		
Districtione (Leplate)         136         NCF         137         0			Muchi/Milo Khalomuli Ph I												
Total         2741         14270         1004.00         519         644         0			Bungoma Hospital	189		5									
Total         14714         14.270         14.00         1.00         6.014         1.00         1.00         1.00         1.00         1.00         1.00         2.00           Numan         3 <t< td=""><td></td><td></td><td>Others</td><td>2,741</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td></t<>			Others	2,741										1	
Usan         Divinition         19         2.500         Kesh         13         1.000         4.200           Minima         3         3700         Noise Pools         230,000         6%         113         1.000         1.000         2.000           Minima         3         3700         Noise Pools         230,000         6%         113         1.000         1.000         2.000           Minima         30         4000         Number         41,250         Refs         113         1.000         NUP         100,000         2.000           Ansight         Ausser         NiA         Macriner Ni         2.000         6%         113         1.200         NUP         100,000         1.200           Ansight         Ausser         NiA         Macriner Ni         2.000         6%         113         1.200         NUS         100,000         NUS           Ausser         NiA         Macriner Ni         2.000         7%         6%         113         1.000         NUS         100,000         NUS           Ausser         NiA         Macriner Ni         2.000         1.11         1.100         1.100         1.100         1.100         1.100         1.100	-			3.714		0	1,058,000		5191	6,914		-			
Mutrana         5         3,700         Notion Floodia         250,000         6 %         Nill Shirlin, W/P         100,0001         2.6001           Mutrana         12         Xurdi Konter Floodia         120         Numeria         100         1.00001         2.600           Artworm         12         Xurdi Konter Floodia         120         Numeria         100         1.00001         2.600           Artworm         Xurdi Konter         12         2.000         7.76         6.6         1.1201         100.0001         2.600           Artworm         Xurdi Konter         12         2.600         6.6         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1101         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.600         1.1201         100.0001         2.6000         1.1201         100.0001		Ł	funda	6	ļ	O Kocholis Kock Catchment	42,5001	659	1611	1,500	Lukolla W/P	000'90			
American         1,2         N/E         M/A         1,200         M/A         M/A <thm< td=""><td></td><td></td><td></td><td></td><td></td><td>l Nota Plotts</td><td>250,000</td><td>259</td><td></td><td>Ē</td><td>Sibirin W/P</td><td>100,000</td><td></td><td>2</td><td>Buud</td></thm<>						l Nota Plotts	250,000	259		Ē	Sibirin W/P	100,000		2	Buud
Annegrin         Annegrin         L         Conspire         L <thl< th="">         L         L</thl<>			DATE INTO A			Prudate Wat	120,0001	5	196	1,300	Bujumba	VIN		130 S	pring
Anukuka         30         4000 (Vanakting PL, Nokuka         2000 (Vanakting PL, Nokuka         4000 (Vanakting PL, Nokuka         4000 (Vanakting PL, Nokuka         4000 (Vanakting PL, Nokuka         4000 (Vanakting PL, Nokuka         5000 (Valakting PL, Nokuka <t< td=""><td></td><td></td><td>A0.02010</td><td>-</td><td></td><td></td><td>A1 7501</td><td>ROG</td><td>113</td><td>1.500</td><td>Mumoni W/P</td><td>100,000</td><td></td><td>100 1</td><td>orehole</td></t<>			A0.02010	-			A1 7501	ROG	113	1.500	Mumoni W/P	100,000		100 1	orehole
Kotolial Skc. Sch.         N/A         Muterine Dreiling IV.         XXXXX         XXXXXX         XXXXXXX         XXXXXXX         XXXXXXX         XXXXXXXX         XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			Anukura	R			- Acres -				I that it with	350,0001		NEIS	pring.
Alive         Notice         Solution         Control         Control <thcontrol< th=""> <thcontrol< th=""> <thcon< td=""><td></td><td></td><td>Kocholia Nec. Nch.</td><td></td><td>Ż</td><td></td><td>3017</td><td></td><td>ŝ</td><td>UUS</td><td>Chaelbobil Chemosist w/n</td><td>250.000</td><td></td><td>NEP</td><td>ipeline</td></thcon<></thcontrol<></thcontrol<>			Kocholia Nec. Nch.		Ż		3017		ŝ	UUS	Chaelbobil Chemosist w/n	250.000		NEP	ipeline
Resi Carethanent         5         Notals Floed Control Dyte         250,000         0.55         3,000         Numericant Numericant         1,5000         NUE           Others         10,510         10,510         10,510         10,510         10,505         11,300         NUE           Total         Notal Read         Statis Read Control Numericant         42,000         6/5         11,3         1,000         1,205,500         11,200           Total         279         Statis Read Cardithenti         42,000         6/5         720         9,600         11,200         N/E           Numerican         279         Statis Read         350,000         N/E         21,500         11,200         N/E           Numerican         279         Statis Read         720         9,600         N/E         5160         11,200           Numerican         2700         N/E         5164         720         9,600         11,200         N/E           Numerican         26,000         N/E         5164         720         9,600         N/E         50,000         1,000           Numerican         26,000         N/E         5164         26,000         1,100         1,000         1,000         1,000 <td></td> <td></td> <td>Angurai Dam</td> <td></td> <td>Ń</td> <td></td> <td><b>00</b>.2</td> <td></td> <td>3</td> <td>200</td> <td></td> <td>100.001</td> <td></td> <td>NEIS</td> <td>pring</td>			Angurai Dam		Ń		<b>00</b> .2		3	200		100.001		NEIS	pring
Total         10,43h         Busia Show Proved         90,300         10%         233         3,000 / hupe w/r         Low         Low           Total         05101         10,5101         10,510         10,510         10,510         1,205,500         11,100         1,205,500         11,100           Total         05101         10,500         10,510         10,510         10,500         11,100         1,205,500         11,100           Kuhaninga         2016         210         350,000         N/E         70         1,205,500         N/E           Kuhaninga         260,000         16         250,000         N/E         700         200,000         1,100           Not Cantinmeni         26,000         N/E         700         N/E         700         200,000         1,000           Ohiten         26,000         N/E         N/E         N/E         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00         1,000         200,00			Roof Catchment	•	1	Nzola Flood Control Dyke	220,000	<u>8</u>				000 091		31017	in the second second second second second second second second second second second second second second second
Total         Kontolia Neck Catcherini         4.2.00         6.5%         113         1.500         1.205,500         11,100           Total         10.510         10.510         10.500         10.500         10.500         11,100         N/E           Kokanyca         200         10.510         10.500         10.500         10.500         N/E         N/A         N/A           Kokanyca         250         25000         10.500         N/E         N/A         N/A         N/E           Kokanyca         26.00         330.00         11.500         N/E         N/A         N/E           Öhres         26.00         10.00         350.00         11.00         250.000         1.500           Öhres         26.00         1.00         350.00         1.10         N/E         N/A         N/E           Öhres         26.00         1.00         5.00         1.500         1.500         1.500         1.500           Öhres         26.00         1.00         1.00         1.00         1.500         1.500         1.500           Öhres         26.00         1.00         1.00         1.00         1.00         1.500         1.500         1.500			Others	10.434	-	Busia Show Ground	90.300	10%		and the second se	/nnbe w/L		ļ		
Total         10,5101         10,5101         10,200         91,1550         1,20,500         1,15000         1,15000         1,15000         1,15000         1,15000         1,15000         1,15000         1,15000         1,2500         1,15000         1,25000         1,15000         1,25000         1,15000         1,25000         1,15000         1,25000         1,150000         1,25000         1,25000<				  -		Kocholia Keck Catchment	42,500	65%	113	1.500				Ę	
Value         ZN         Salted         SS000         N/E         N/E         SN400 MS         SN2000         N/E           Kolanyca         Zolow         Zolow         SS000         N/E         N/E         SN400         N/E           Kolanyca         Zolow         Zolow         SS000         N/E         SN400         N/E           Kolanyca         Zolow         Zolow         N/E         SN400         N/E         N/E           Kolanyca         Zolow         Zolow         N/E         ZO000         1.500         1.500           Kinecka         Lukecka         Zonob         Lukecka         Zo000         1.500         N/E           Kinecka         Kinecka         Likecka         Likecka         1.500         N/E           Kinecka         Kinecka         Kinecka         Likecka         1.5000         1.5000		Total		10.510			055'116		720	0.00		005'502'1 1			
Others         36,000         And         NA         NA         NA           Others         36,000         1,500         260,000         1,500         3,000           Interval         1         1         1         1         1         1         1           Interval         1		the second second second second second second second second second second second second second second second s	Is not Cutchment	r.			350,000	NE		E Z	Shistro W/S	575,000		N/TIN	
United         Kimobo         220,000         1,500           United         Construct         400,000         1,000           Linic Nuclio         Linic Nuclio         100,000         1,000           Nic         Linic Nuclio         Linic Nuclio         N/E           Nic         Nic         N/E         N/E           Muserber         Muserber         N/E         N/E           Annotation         Muserber         N/E         N/E           Annotation         Annotation         1,360,000         -4,000				TAL DEC							KUbuk	VN -		NEN	/F
Character         400,000         3,000           NIL         Liute Nach         155,000         3,000           NIL         Liute Nach         155,000         N/E           NIL         Liute Nach         Liute Nach         155,000         N/E           NIL         Liute Nach         Liute Nach         N/E         N/E           NIL         Nil         N/E         N/E         N/E           NIL         Nile         N/E         N/E         N/E           NIL         Nile         N/E         N/E         N/E           NIL         Nile         N/E         N/E         N/E           N         Nile         N/E         N/E         N/E           N         Nile         N/E         N/E         N/E           N         N         N/E         N/E         N/E           N         N         N         N/E         N/E           N         N         N         N/E         N/E			Electron of the second								Kimobe	250,000		4611	//E
NE         Little Neph         155,000         NE           N         Little Neph         155,000         NE           N         Little Neph         NE         NE           N         Little Neph         NE         NE           N         Little Neph         NE         NE           N         NE         NE         NE											Cheseker	400,000		360	у£
NE         NE         NE         NE           No         Kongoni         NE         NE           No         Musember         NE         NE           No         No         NE         NE				-							Little Nzola	155,000			Am.
Xengoni         N/E           N/E         N/E           Nuermbe         N/E           No.000         4.500											Lumakanda	S/E		NEI	üver
NUE NUE NUE NUE NUE NUE NUE NUE NUE NUE								ļ			Kongoni	3/2			Liver
4,500	_										Musembe	<b>INF</b>		NE	
									4			1.180,000			

Table - 5.3.3 (18/18) Water Supply Project in Small Scale Rural Water Supply (SSRWS)

The Aftercare Study on

the National Water Muster Plan

• • • •	4	Existing	-		Crigoling	1 년 년				кı	Planned/L)estgned		
		Deslight	Population		Original	Physical	Queen	Design		Estemated	Draigh	Devig	Courses of
Code District	Project Name	Capacity	723	Project Nume	Cost	Slatus	_	Population	Project Nume	Cost	Pepulation	Capacity	Conchu C
_		(m <sup>2</sup> /dav)	(Nos)		g	( <sub>6</sub> 2)		(No.)		g	(Nos)	(m, tday)	and inc
WO VINE	Hantisi	141	2,100	2.100[Goibei	1 XK6,400	1-505	909	009					
	Edunangwe	05	2,300	2,300 Kipuma	SVN:	95%	IKO	1400	-		•		-
	Chavano Mahanga	6\$	3,380	0.350 Madim Cirls w/s	NE							-	
	Keveye	64	730	730 Madzuv Cirtle w/s	NE			N/G					
	Jebrok		Z	NI Chwekell RVH	NR								
	Roof Calebrant	3.60		Trintity	NE			NE				-	
	Others	105'6		Mumboha	SZ			evy V				-	
Total		10,0341	8,510		586,4001		240	3,200		ō	ö	ö	
Western	Vesters Province Total	579'05	04621		2,905,950		1.470	14,714		2,5K5,500!	15,6001	1678	
"LOT'AL	u	1014,010	246'MIS		47.441.47A	-	37,234	496,457		221,540,975	STE YVE	60.948	

Source: JICA: Field Survey by the Study Team MWR: Project Rehabilitation Survey by the Ministry of Water Resources

WW. Froject Scitatulation Survey by the Milling of Water Resources Status 96: Project Status Report 96. Ministry of Water Resources, Dec. 1997

NWCPC: Brief on National Water Conservation and Pipeline Corporation's Activities and Present Status, National Water Conservation & Pipeline Corporation, Sep. 1997 NWMP: The Study on the National Water Master Plan. Water Resources Assessment & Planning

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MOLA: Ministry of Local Authority

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