

5 CALUCULATIN FOR DESIGN CAPAÇITY

5 - 1 Design Capacity By KIOSK

Service Area 1. TAVETA TOWN

Year	1987		1995		2005	
	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)
1. House Connection	1,000	150.00	3,622	453.30	4,473	670.95
2. K I O S K	1,760	35.20	756	15.12	1,118	22.36
3. Livestock	183	9.15	92	4.60	0	-
4. Public Use						
1) School	118	2.95	1,133	28.33	1,677	41.93
2) Hospital	(BED) 206 (OUT) 126	84.92	(BED) 262 (OUT) 160	108.00	(BED) 353 (OUT) 216	145.52
3) Clinic	0	-	0	-	0	-
4) Public Office	120	3.00	164	4.10	265	5.13
Sub Total		90.87		140.43		192.58
5. Hotel	(H) 90	4.50	(H) 50	21.00	(H) 200	64.50
6. Restrant	(L) 11	5.50	(L) 12	6.00	(L) 90	7.00
7. Shop	60	6.00	81	8.10	96	9.60
Total	2,760	301.22	3,778	648.55	5,591	966.99

Service Area 2. TAVETA TOWN SOUTH

Year	1987		1995		2005	
	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	603	30.15	1,606	80.30
2. K I O S K	2,400	36.00	2,414	36.21	2,409	36.14
3. Livestock	0	-	0	-	0	-
4. Public Use						
1) School	980	24.00	950	24.00	720	18.00
2) Hospital	0	-	0	-	0	-
3) Clinic	1	5.00	1	5.00	(DIS) 1	5.00
4) Public Office	0	-	0	-	0	-
Sub Total		29.00		29.00		23.00
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	2,400	65.00	3,017	95.36	4,015	139.44

Service Area 3. REATA

Year	1987		1995		2005	
	Population/No. of Facility	Design Capacity (m ³ /day)	Population/No. of Facility	Design Capacity (m ³ /day)	Population/No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	246	12.30	654	32.70
2. K I O S K	970	14.66	932	14.73	981	14.72
3. Livestock	0	-	0	-	0	-
4. Public Use						
1) School	165	4.13	368	9.20	491	12.28
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total		4.13		9.20		12.28
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	973	18.79	1,228	36.23	1,635	59.70

Service Area 4. KITOYO

Year	1987		1995		2005	
	Population/No. of Facility	Design Capacity (m ³ /day)	Population/No. of Facility	Design Capacity (m ³ /day)	Population/No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	283	14.15	751	37.10
2. K I O S K	1,127	16.91	1,134	17.01	1,131	16.91
3. Livestock	0	-	0	-	0	-
4. Public Use						
1) School	0	-	425	10.63	568	14.15
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total		-		10.63		14.15
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	1,127	16.91	1,417	41.79	1,645	68.82

Service Area 5. SELA MBAHA

Item	1987		1995		2005	
	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	642	32.10	1.709	85.45
2. K I O S K	2.554	38.31	2.568	38.52	2.584	38.46
3. Livestock	137	6.85	100	5.00	68	3.40
4. Public Use						
1) School	476	11.90	953	24.08	1.282	32.05
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	(DIS) 1	5.00
4) Public Office	0	-	0	-	0	-
Sub Total		11.90		24.08		32.05
5. Hotel	0	-	0	-	30	1.50
6. Restrant	0	-	0	-	2	1.00
7. Shop	0	-	1	0.10	3	0.30
Total	2.554	57.06	3.210	99.89	4.273	167.16

Service Area 6. KANLEZA

Item	1987		1995		2005	
	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	452	14.15	753	22.60
2. K I O S K	1.352	20.28	1.810	17.01	1.131	27.15
3. Livestock	110	5.50	55	-	0	2.75
4. Public Use						
1) School	0	-	679	10.63	566	16.98
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total		-		10.63		16.98
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	1.352	25.78	2.262	41.79	1.885	69.48

Service Area 7. XINORIGO

year Item	1987		1995		2005	
	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	95	4.75	252	12.60
2. K I O S K	378	5.64	378	5.67	377	5.66
3. Livestock	1.615	60.75	1.212	60.60	808	40.40
4. Public Use						
1) School	322	8.05	142	3.55	189	4.73
2) Hospital	0	-	0	-	0	-
3) Clinic	(DIS) 1	5.00	(DIS) 1	5.00	(DIS) 1	5.00
4) Public Office	0	-	0	-	0	-
Sub Total		13.05		8.55		9.73
5. Hotel	0	-	0	-	90	1.50
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	376	99.44	473	79.57	629	89.89

Service Area 8. EL DORO

year Item	1987		1995		2005	
	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	368	27.60	817	61.28
2. K I O S K	977	19.54	460	17.20	818	16.36
3. Livestock	500	25.00	375	18.75	250	12.50
4. Public Use						
1) School	(BOAR) 410	20.50	368	9.20	491	24.55
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	(HC) 1	5.00
4) Public Office	0	-	0	-	0	-
Sub Total		20.50		9.20		29.55
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	2	1.00
7. Shop	0	-	0	-	0	-
Total	977	65.04	1,228	72.75	1,635	120.69

Service Area 9. KITHOGOTO. I

Item	1987		1995		2005	
	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	189	9.45	502	25.10
2. K I O S K	751	11.27	755	11.33	754	11.31
3. Livestock	500	25.00	375	18.75	250	12.50
4. Public Use						
1) School	0	-	283	7.08	377	9.43
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total				7.08		9.43
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	751	36.27	944	46.61	1,256	58.34

Service Area 10. KITHOGOTO. II

Item	1987		1995		2005	
	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	142	7.10	252	12.60
2. K I O S K	376	5.64	331	4.97	377	5.66
3. Livestock	500	25.00	375	18.75	250	12.50
4. Public Use						
1) School	638	15.95	142	3.55	189	4.73
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total		15.95		3.55		4.73
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	376	46.59	473	34.37	629	35.49

Service Area 11. MARANU

Item	1987		1995		2005	
	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	756	56.70	2,514	188.55
2. K I O S K	3,005	60.10	3,021	60.42	2,513	50.26
3. Livestock	150	7.50	75	3.75	0	-
4. Public Use						
1) School	830	20.75	1,133	28.33	1,508	37.10
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total		20.75		28.33		37.10
5. Hotel	90	4.50	(L) 120	6.00	(K) 50 (L) 105	20.25
6. Restrant	2	1.00	2	1.00	3	1.50
7. Shop	0	-	0	-	0	-
Total	3,005	93.85	3,777	156.20	5,027	298.26

Service Area 12. TIMBILA

Item	1987		1995		2005	
	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)	Population/No of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	189	9.45	502	25.10
2. K I O S K	751	11.27	755	11.33	754	11.31
3. Livestock	1,000	50.00	750	37.50	500	25.00
4. Public Use						
1) School	2,637	65.93	2,637	65.93	2,637	65.93
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total		65.93		65.93		65.93
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	1	0.50
7. Shop	0	-	1	0.10	3	0.30
Total	751	127.20	944	124.31	1,256	128.14

Service Area 13. MAHDO

Item	1987		1995		2005	
	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	189	9.45	502	25.10
2. K I O S K	751	11.27	755	11.33	754	11.31
3. Livestock	900	45.00	900	45.00	900	45.00
4. Public Use						
1) School	0	-	283	7.08	377	9.43
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total				7.08		9.43
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	751	56.27	944	72.86	1,256	90.84

Service Area 14. KASENGONI

Item	1987		1995		2005	
	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	132	6.60	352	17.60
2. K I O S K	526	7.89	529	7.91	528	7.92
3. Livestock	58	2.90	58	2.90	58	2.90
4. Public Use						
1) School	0	-	198	4.95	264	6.60
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total				4.95		6.60
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	1	0.10	1	0.10	2	0.20
Total	526	10.89	661	22.49	840	35.22

Service Area 15. KIONGONI

Item	1987		1995		2005	
	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	65	3.30	176	8.80
2. K I O S K	363	3.95	265	3.98	264	3.96
3. Livestock	52	2.60	52	2.60	52	2.60
4. Public Use						
1) School	0	-	93	2.48	132	3.30
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total				2.48		3.35
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	263	6.55	331	12.35	440	18.65

Service Area 16. KIMALA

Item	1987		1995		2005	
	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)	Population/ No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	463	23.15	1,231	61.55
2. K I O S K	1,840	27.60	1,850	27.75	1,847	27.71
3. Livestock	700	35.00	700	35.00	700	35.00
4. Public Use						
1) School	0	-	694	17.35	923	23.08
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	(DIS) 1	5.00
4) Public Office	0	-	0	-	0	-
Sub Total				17.35		28.08
5. Hotel	(L) 60	3.00	(L) 75	3.75	(H) 100 (L) 75	33.75
6. Restrant	1	0.50	1	0.50	2	1.00
7. Shop	1	0.10	1	0.10	2	0.20
Total	1,840	66.20	2,313	107.60	3,078	187.29

Service Area 17. NBONGHONI

Year	1987		1995		2005	
	Population	Design Capacity (m ³ /day)	Population	Design Capacity (m ³ /day)	Population	Design Capacity (m ³ /day)
1. House Connection	0	-	166	5.30	281	14.05
2. K I O S K	420	6.30	422	6.33	422	6.33
3. Livestock	489	24.45	489	24.45	489	24.45
4. Public Use						
1) School	0	-	158	3.95	210	5.25
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total				3.95		
5. Hotel	(L) 30	1.50	(L) 30	1.50	(L) 45	5.25
6. Restrant	1	0.50	1	0.50	2	1.00
7. Shop	2	0.20	3	0.30	4	0.40
Total	420	32.95	528	42.33	703	53.73

Service Area 18. NIENI

Year	1987		1995		2005	
	Population	Design Capacity (m ³ /day)	Population	Design Capacity (m ³ /day)	Population	Design Capacity (m ³ /day)
1. House Connection	0	-	40	2.00	166	5.30
2. K I O S K	158	2.37	159	2.39	158	2.37
3. Livestock	511	25.55	511	25.55	511	25.55
4. Public Use						
1) School	282	1.05	60	1.50	79	1.98
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total		1.05		1.50		1.98
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	158	31.97	199	31.44	284	35.20

Service Area 19. NGHONJI

Item	1987		1995		2005	
	Population/No. of Facility	Design Capacity (m ³ /day)	Population/No. of Facility	Design Capacity (m ³ /day)	Population/No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	189	9.45	502	25.10
2. K I O S K	751	11.27	755	11.33	754	11.31
3. Livestock	125	6.25	91	4.70	62	3.10
4. Public Use						
1) School	0	-	283	7.08	377	9.43
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total				7.08		9.43
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	751	17.52	944	32.56	1,256	48.94

Service Area 20. XATA

Item	1987		1995		2005	
	Population/No. of Facility	Design Capacity (m ³ /day)	Population/No. of Facility	Design Capacity (m ³ /day)	Population/No. of Facility	Design Capacity (m ³ /day)
1. House Connection	0	-	189	9.45	502	25.10
2. K I O S K	751	11.27	755	11.33	754	11.31
3. Livestock	590	29.50	443	22.15	295	14.75
4. Public Use						
1) School	0	-	283	7.08	377	9.43
2) Hospital	0	-	0	-	0	-
3) Clinic	0	-	0	-	0	-
4) Public Office	0	-	0	-	0	-
Sub Total				7.08		9.43
5. Hotel	0	-	0	-	0	-
6. Restrant	0	-	0	-	0	-
7. Shop	0	-	0	-	0	-
Total	751	40.77	944	50.01	1,256	60.59

5 -- 2 Calculation of Design Capacity By KIOSK

Service Area
TAVETA TOWN No.1

	Population/ No of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	372	—	—	—
2 House Connection	0	—	—	—
3 KIOSK	372	20	7.440	0.172
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	10	100	1.000	0.023
TOTAL			8.440	0.195

TAVETA TOWN No.2

	Population/ No of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	372	—	—	—
2 House Connection	0	—	—	—
3 KIOSK	372	20	7.440	0.172
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(1) 30	50	1.500	0.035
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	10	100	1.000	0.023
TOTAL			9.940	0.230

<u>TAVETA TOWN No. 3</u>		<u>Population/ No of facility</u>	<u>Unit Consumption (ℓ /d)</u>	<u>Design Capacity</u>	
				<u>(ℓ /d)</u>	<u>(ℓ /s)</u>
1	Total Population	374	—	—	—
2	House Connection	0	—	—	—
3	KIOSK	374	20	7,480	0.173
4	LIVESTOCK	0	—	—	—
5	SCHOOL	0	—	—	—
6	HOSPITAL	0	—	—	—
7	DISPENSARY AND HEALTH CENTER	0	—	—	—
8	HOTEL	60	50	3,000	0.069
9	OFFICE	0	—	—	—
10	BAR	0	—	—	—
11	SHOPS	10	100	1,000	0.023
TOTAL				11,480	0.265

<u>TAVETA TOWN No. 4</u>		<u>Population/ No of facility</u>	<u>Unit Consumption (ℓ /d)</u>	<u>Design Capacity</u>	
				<u>(ℓ /d)</u>	<u>(ℓ /s)</u>
1	Total Population	2,237	—	—	—
2	House Connection	2,237	150	335,550	7.767
3	KIOSK	0	—	—	—
4	LIVESTOCK	0	—	—	—
5	SCHOOL	1,677	25	41,925	0.970
6	HOSPITAL	0	—	—	—
7	DISPENSARY AND HEALTH CENTER	0	—	—	—
8	HOTEL	(M) 100	300	30,000	0.694
9	OFFICE	0	—	—	—
10	BAR	10	500	5,000	0.116
11	SHOPS	46	100	4,600	0.106
TOTAL				417,075	9.653

TAVETA TOWN No. 5

	<u>Population/ No of Facility</u>	<u>Unit Consumption (l /d)</u>	<u>Design Capacity</u>	
			<u>(l /d)</u>	<u>(l /s)</u>
1 Total Population	2.236	—	—	—
2 House Connection	2.236	150	335.400	7.764
3 KIOSK	0	—	—	—
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	353 bed	400	141.200	3.369
	216 out	20	4.320	
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(M) 100	300	30.000	0.694
9 OFFICE	205	25	5.125	0.119
10 BAR	4	500	2.000	0.046
11 SHOPS	20	100	2.000	0.046
			520.045	12.038
TOTAL				

Service Area

TAVETA TOWN SOUTH No.1

	Population/ No of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	1,180	—	—	—
2 House Connection	400	50	20.000	0.463
3 KIOSK	780	15	11.700	0.271
4 LIVESTOCK	0	—	—	—
5 SCHOOL	720	25	18.000	0.417
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	1	5.000	5.000	0.116
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			54.700	1.267

TAVETA TOWN SOUTH No.2

	Population/ No of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	1,180	—	—	—
2 House Connection	400	50	20.000	0.463
3 KIOSK	780	15	11.700	0.271
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			31.700	0.734

TAVETA TOWN SOUTH No.3

	<u>Population/ No of Facility</u>	<u>Unit Consumption (Q /d)</u>	<u>Design Capacity</u>	
			<u>(Q /d)</u>	<u>(Q /s)</u>
1 Total Population	1.180	-	-	-
2 House Connection	400	50	20.000	0.463
3 KIOSK	780	15	11.700	0.271
4 LIVESTOCK	0	-	-	-
5 SCHOOL	0	-	-	-
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			31.700	0.734

TAVETA TOWN SOUTH No.4

	<u>Population/ No of Facility</u>	<u>Unit Consumption (Q /d)</u>	<u>Design Capacity</u>	
			<u>(Q /d)</u>	<u>(Q /s)</u>
1 Total Population	475	-	-	-
2 House Connection	406	50	20.300	0.470
3 KIOSK	69	15	1.035	0.024
4 LIVESTOCK	0	-	-	-
5 SCHOOL	0	-	-	-
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			21.335	0.494

Service Area

REATA No.1

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	1.090	—	—	—
2 House Connection	436	50	21.800	0.505
3 KIOSK	654	15	9.810	0.227
4 LIVESTOCK	0	—	—	—
5 SCHOOL	491	25	12.275	0.284
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			43.885	1.016

REATA No.2

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	545	—	—	—
2 House Connection	218	50	10.900	0.252
3 KIOSK	327	15	4.905	0.114
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			15.805	0.366

Service Area

K I T O Y O

	Population/ No. of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	1.885	—	—	—
2 House Connection	754	50	37.700	0.873
3 KIOSK	1.131	15	16.965	0.393
4 LIVESTOCK	0	—	—	—
5 SCHOOL	566	25	14.150	0.328
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			68.815	1.594

Service Area

SELAM BAHU No.1

	Population/ No of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	1.080	—	—	—
2 House Connection	430	50	21.500	0.498
3 KIOSK	650	15	9.750	0.226
4 LIVESTOCK	17	50	850	0.020
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(L) 15	50	750	0.017
9 OFFICE	0	—	—	—
10 BAR	2	500	1.000	0.023
11 SHOPS	1	100	100	0.002
TOTAL			33.950	0.786

SELA MBAHA No.2

	Population/ No of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	1.080	—	—	—
2 House Connection	430	50	21.500	0.498
3 KIOSK	650	15	9.750	0.226
4 LIVESTOCK	17	50	850	0.020
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			32.100	0.744

SELA MBAHA No.3

	<u>Population/ No. of Facility</u>	<u>Unit Consumption (Q /d)</u>	<u>Design Capacity</u>	
			<u>(Q /d)</u>	<u>(Q /s)</u>
1 Total Population	168	-	-	-
2 House Connection	68	50	3.400	0.079
3 KIOSK	100	15	1.500	0.035
4 LIVESTOCK	0	-	-	-
5 SCHOOL	0	-	-	-
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			4.900	0.114

SELA MBAHA No.4

	<u>Population/ No. of Facility</u>	<u>Unit Consumption (Q /d)</u>	<u>Design Capacity</u>	
			<u>(Q /d)</u>	<u>(Q /s)</u>
1 Total Population	275	-	-	-
2 House Connection	111	50	5.550	0.129
3 KIOSK	164	15	2.460	0.057
4 LIVESTOCK	0	-	-	-
5 SCHOOL	0	-	-	-
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			8.010	0.186

SELA MBAHA No.5

	Population/ No of Facility	Unit Consumption (l /d)	Design Capacity	
			(l /d)	(l /s)
1 Total Population	835	—	—	—
2 House Connection	335	50	16.750	0.388
3 KIOSK	500	15	7.500	0.174
4 LIVESTOCK	17	50	850	0.020
5 SCHOOL	1.282	25	32.050	0.742
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	1	5.000	5.000	0.116
8 HOTEL	(L) 15	50	750	0.017
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	2	100	200	0.005
TOTAL			63.100	1.462

SELA MBAHA No.6

	Population/ No of Facility	Unit Consumption (l /d)	Design Capacity	
			(l /d)	(l /s)
1 Total Population	835	—	—	—
2 House Connection	335	50	16.750	0.388
3 KIOSK	500	15	7.500	0.174
4 LIVESTOCK	17	50	850	0.020
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			25.100	0.582

Service Area
KAMLEZA NO.1

	Population/ No of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	560	—	—	—
2 House Connection	110	50	5.500	0.127
3 KIOSK	450	15	6.750	0.156
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			12.250	0.283

KAMLEZA No. 2

	Population/ No of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	571	—	—	—
2 House Connection	116	50	5.800	0.134
3 KIOSK	455	15	6.825	0.158
4 LIVESTOCK	27	50	1.350	0.031
5 SCHOOL	679	25	16.975	0.393
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			30.950	0.716

KAMLEZA NO. 3

	Population/ No. of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	571	—	—	—
2 House Connection	116	50	5.800	0.134
3 KIOSK	455	15	6.825	0.158
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			12.625	0.292

KAMLEZA No. 4

	Population/ No. of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	560	—	—	—
2 House Connection	110	50	5.500	0.127
3 KIOSK	450	15	6.750	0.156
4 LIVESTOCK	28	50	1.400	0.032
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			13.650	0.315

Service Area
KIMORIGO

	Population/ No of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	629	-	-	-
2 House Connection	252	50	12.600	0.292
3 KIOSK	377	15	5.655	0.131
4 LIVESTOCK	808	50	40.400	0.935
5 SCHOOL	189	25	4.725	0.109
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	1	5.000	5.000	0.116
8 HOTEL	(L) 30	50	1.500	0.035
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			69.880	1.618

Service Area

E L D O R O No.1

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	817	—	—	—
2 House Connection	408	75	30.600	0.708
3 KIOSK	409	20	8.180	0.189
4 LIVESTOCK	125	50	6.250	0.145
5 SCHOOL	491	50	24.550	0.568
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	1	5.000	5.000	0.116
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	1	500	500	0.012
11 SHOPS	0	—	—	—
TOTAL			75.080	1.738

E L D O R O No.2

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	818	—	—	—
2 House Connection	409	75	30.675	0.710
3 KIOSK	409	20	8.180	0.189
4 LIVESTOCK	125	50	6.250	0.145
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	1	500	500	0.012
11 SHOPS	0	—	—	—
TOTAL			45.605	1.056

Service Area
KITHOGOTO No.1

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	628	-	-	-
2 House Connection	251	50	12.550	0.291
3 KIOSK	377	15	5.655	0.131
4 LIVESTOCK	125	50	6.250	0.145
5 SCHOOL	377	25	9.425	0.218
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			33.880	0.785

KITHOGOTO No.2

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	628	-	-	-
2 House Connection	251	50	12.550	0.291
3 KIOSK	377	15	5.655	0.131
4 LIVESTOCK	125	50	6.250	0.145
5 SCHOOL	0	-	-	-
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			24.455	0.567

Service Area

KITHOGOTO II

	Population/ No. of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	629	—	—	—
2 House Connection	252	50	12.600	0.292
3 KIOSK	377	15	5.655	0.131
4 LIVESTOCK	250	50	12.500	0.289
5 SCHOOL	189	25	4.725	0.109
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			35.480	0.821

Service Area

M A R A N U No.1

	Population/ No. of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	837	—	—	—
2 House Connection	419	75	31.425	0.727
3 KIOSK	418	20	8.360	0.194
4 LIVESTOCK	0	—	—	—
5 SCHOOL	1.508	25	37.700	0.873
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(M) 50	300	15.000	0.347
9 OFFICE	0	—	—	—
10 BAR	3	500	1.500	0.035
11 SHOPS	0	—	—	—
TOTAL			93.985	2.176

M A R A N U No.2

	Population/ No. of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	837	—	—	—
2 House Connection	419	75	31.425	0.727
3 KIOSK	418	20	8.360	0.194
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(L) 30	50	1.500	0.035
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			41.285	0.956

M A R A N U No.3

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	837	—	—	—
2 House Connection	419	75	31.425	0.727
3 KIOSK	418	20	8.360	0.194
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(L) 30	50	1.500	0.035
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			41.285	0.956

M A R A N U No.4

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	837	—	—	—
2 House Connection	419	75	31.425	0.727
3 KIOSK	418	20	8.360	0.194
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(L) 15	50	750	0.017
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			40.535	0.938

M A R A N U No.5

	Population/ No. of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	837	—	—	—
2 House Connection	419	75	31.425	0.727
3 KIOSK	418	20	8.360	0.194
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	15	50	750	0.017
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			40.635	0.938

M A R A N U No.6

	Population/ No. of Facility	Unit Consumption (ℓ /d)	Design Capacity	
			(ℓ /d)	(ℓ /s)
1 Total Population	842	—	—	—
2 House Connection	419	75	31.425	0.727
3 KIOSK	423	20	8.460	0.196
4 LIVESTOCK	0	—	—	—
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	15	50	750	0.017
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			40.635	0.940

Service Area
TIMBILA No.1

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	630	—	—	—
2 House Connection	250	50	12.500	0.289
3 KIOSK	380	15	5.700	0.132
4 LIVESTOCK	500	—	—	—
5 SCHOOL	1.092	25	27.300	0.632
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	1	500	500	0.012
11 SHOPS	1	100	100	0.002
TOTAL			46.100	1.067

TIMBILA No.2

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	316	—	—	—
2 House Connection	126	50	6.300	0.146
3 KIOSK	190	15	2.850	0.066
4 LIVESTOCK	0	—	—	—
5 SCHOOL	1.000	25	25.000	0.579
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	1	100	100	0.002
TOTAL			34.250	0.793

TIMBILA No.3

	Population/ No of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	310	-	-	-
2 House Connection	126	50	6.300	0.146
3 KIOSK	184	15	2.760	0.064
4 LIVESTOCK	500	50	25.000	0.579
5 SCHOOL	545	25	13.625	0.315
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	1	100	100	0.002
TOTAL			47.785	1.106

Service Area

M A H O O No.1

	Population/ No of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	628	—	—	—
2 House Connection	251	50	12.500	0.291
3 KIOSK	377	15	5.655	0.131
4 LIVESTOCK	450	50	22.500	0.521
5 SCHOOL	377	25	9.425	0.218
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			50.080	1.161

M A H O O No.2

	Population/ No of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	628	—	—	—
2 House Connection	251	50	12.550	0.291
3 KIOSK	377	15	5.655	0.131
4 LIVESTOCK	450	50	22.500	0.521
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			40.705	0.943

Service Area

M A S E N G O N I

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	880	-	-	-
2 House Connection	352	50	17.600	0.407
3 KIOSK	528	15	7.920	0.183
4 LIVESTOCK	58	50	2.900	0.067
5 SCHOOL	264	25	6.600	0.153
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	2	100	200	0.005
TOTAL			35.220	0.815

Service Area

K I M A L A No.1

	Population/ No. of Facility	Unit	Design Capacity	
		Consumption (ℓ /d)	(ℓ /d)	(ℓ /s)
1 Total Population	767	—	—	—
2 House Connection	307	50	15.350	0.355
3 KIOSK	460	15	6.900	0.160
4 LIVESTOCK	175	50	8.750	0.203
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(L) 30	50	1.500	0.035
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			32.500	0.753

K I M A L A No.2

	Population/ No. of Facility	Unit	Design Capacity	
		Consumption (ℓ /d)	(ℓ /d)	(ℓ /s)
1 Total Population	767	—	—	—
2 House Connection	307	50	15.350	0.355
3 KIOSK	460	15	6.900	0.160
4 LIVESTOCK	175	50	8.750	0.203
5 SCHOOL	923	25	23.075	0.534
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	1	5.000	5.000	0.116
8 HOTEL	(M) 100	300	30.000	0.694
9 OFFICE	0	—	—	—
10 BAR	2	500	1.000	0.023
11 SHOPS	2	100	200	0.005
TOTAL			90.275	2.090

Service Area

K I M A L A No.3

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	767	-	-	-
2 House Connection	307	50	15.350	0.355
3 KIOSK	460	15	6.900	0.160
4 LIVESTOCK	175	50	8.750	0.203
5 SCHOOL	0	-	-	-
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	(L) 45	50	2.250	0.052
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			33.250	0.770

K I M A L A No.4

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	777	-	-	-
2 House Connection	310	50	15.500	0.359
3 KIOSK	467	15	7.005	0.162
4 LIVESTOCK	175	50	8.750	0.203
5 SCHOOL	0	-	-	-
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			31.255	0.724

Service Area
M B O U C H O N I

	Population/ No of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	703	—	—	—
2 House Connection	281	50	14.050	0.325
3 KIOSK	422	15	6.330	0.147
4 LIVESTOCK	489	50	24.450	0.566
5 SCHOOL	210	25	5.250	0.122
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	(L) 45	50	2.250	0.052
9 OFFICE	0	—	—	—
10 BAR	2	500	1.000	0.023
11 SHOPS	4	100	400	0.009
TOTAL			53.730	1.244

Service Area

W I E R E N I

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	264	-	-	-
2 House Connection	106	50	5.300	0.123
3 KIOSK	158	15	2.370	0.055
4 LIVESTOCK	511	50	25.550	0.591
5 SCHOOL	79	25	1.975	0.046
6 HOSPITAL	0	-	-	-
7 DISPENSARY AND HEALTH CENTER	0	-	-	-
8 HOTEL	0	-	-	-
9 OFFICE	0	-	-	-
10 BAR	0	-	-	-
11 SHOPS	0	-	-	-
TOTAL			35.195	0.815

Service Area

NGHONJI No.1

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	628	—	—	—
2 House Connection	251	50	12.550	0.291
3 KIOSK	377	15	5.655	0.131
4 LIVESTOCK	31	50	1.550	0.036
5 SCHOOL	377	25	9.425	0.218
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			29.180	0.676

NGHONJI No.2

	Population/ No. of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	628	—	—	—
2 House Connection	251	50	12.550	0.291
3 KIOSK	377	15	5.655	0.131
4 LIVESTOCK	31	50	1.550	0.036
5 SCHOOL	0	—	—	—
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			19.755	0.458

Service Area

K I O N G O N I

	Population/ No of Facility	Unit Consumption (Q /d)	Design Capacity	
			(Q /d)	(Q /s)
1 Total Population	440	—	—	—
2 House Connection	176	50	8.800	0.204
3 KIOSK	264	15	3.960	0.092
4 LIVESTOCK	52	50	2.600	0.060
5 SCHOOL	132	25	3.300	0.076
6 HOSPITAL	0	—	—	—
7 DISPENSARY AND HEALTH CENTER	0	—	—	—
8 HOTEL	0	—	—	—
9 OFFICE	0	—	—	—
10 BAR	0	—	—	—
11 SHOPS	0	—	—	—
TOTAL			18.660	0.432

JICA