

***Data H***  
***Socio-Economic Survey***

***Data H-1***  
***Village Survey***

## Village Survey Questionnaire

No. \_\_\_\_\_ Village name \_\_\_\_\_ Enumerator \_\_\_\_\_ Date \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
 Respondent \_\_\_\_\_ (Respondent's) Position \_\_\_\_\_ Ward \_\_\_\_\_ Division \_\_\_\_\_ District \_\_\_\_\_ Region \_\_\_\_\_  
 Male / Female \_\_\_\_\_

**A: Basic Information on the Village**

- A1. Village Population: Total numbers (            ), Male (            ), Female (            ), Boys (age <15) (            ), Girls (age <15) (            )
- A2. Total number of households: (            )
- A3. The kinds of tribe do you have in the village? Please write biggest tribe's name. (            )
- A4. What is the dwelling type of the village?    a. Concentrated    b. Clustered    c. Scattered
- A5. How is the accessibility from the village to the main road?  
 a. Very near (Under 10km)    b. Near (10-30km)    c. Far (30-50km)    d. Very far (Over 50km)
- A6. Dose the village have power supply? If "Yes", please choose the type of power supply.  
 a. Yes (a-1. Hydropower (TANESCO)    a-2. Wind power    a-3. Generator    a-4. Solar power    a-5. Others (            ))    b. No
- A7. Dose the village have telecommunications? If "Yes", please choose the type of telecommunication facilities available.  
 a. Yes (a-1. Land line phone    a-2. Mobile phone    a-3. Others (            ))    b. No
- A8. How many health facilities are available in the village? Please write the number of facilities.  
 a. Hospital (            )    b. Health center (            )    c. Clinic (            )    d. Pharmacy (            )    e. Others \_\_\_\_\_ (            )
- A9. How many schools does the village have? Please write the numbers of schools.  
 a. Pre-primary school (            )    b. Primary school (            )    c. Secondary school (            )    d. High school (            )  
 e. Others \_\_\_\_\_ (            )
- A10. What are the main economic activities in the village?  
 a. Agriculture (            )%    b. Livestock (            )%    c. Fishery (            )%    d. Sale of charcoal(            )%    e. Labor work (            )%  
 d. Others \_\_\_\_\_ (            )%
- A11. What kind groups dose the village have, other than the Water Users Group (WUG)/Water Users Association (WUA)? What are their activities?  
 a. Self defense group (Activities:            )  
 b. Women's group (Activities:            )  
 c. Youth group (Activities:            )  
 d. Others/ \_\_\_\_\_ (Activities:            )

**B. Questions on Water Source and Water Supply Conditions**

B1. What are the types of water source available in the village? Please write the number of water source.

- a. Borehole ( ) numbers    b. Ring Well ( ) numbers    c. Traditional Dug Well ( ) numbers    d. Dam ( ) numbers
- e. Pond ( ) numbers    f. Stream/River ( ) numbers    g. Rain Water Tank ( ) numbers    h. Spring ( ) numbers
- i. Seasonal Stream/River ( ) numbers    j. Others \_\_\_\_\_ ( ) numbers    k. None

B2. (If None) Where do you get water?

- a. Neighbor village    b. Buy water from vender    c. Other \_\_\_\_\_

B3. How far is each water source located from the center of the village?

- a. Borehole ( ) m    b. Ring Well ( ) m    c. Traditional Dug Well ( ) m    d. Dam ( ) m    e. Pond ( ) m
- f. Stream / River ( ) m    g. Rain Water Tank ( ) m    h. Spring ( ) m    i. Seasonal Stream / River ( ) m
- j. Others \_\_\_\_\_ ( ) m

B4. How is each water source used by the villagers? Please choose from these items (Maximum 5 items).

Key Items:	1. Drinking	2. Cooking	3. Washing	4. Livestock	5. Gardening	6. Agricultural activities	7. Others
a. Borehole	( )	( )	( )	( )	( )	If choose "7"	Others _____
b. Ring Well	( )	( )	( )	( )	( )	If choose "7"	Others _____
c. Traditional Dug Well	( )	( )	( )	( )	( )	If choose "7"	Others _____
d. Dam	( )	( )	( )	( )	( )	If choose "7"	Others _____
e. Pond	( )	( )	( )	( )	( )	If choose "7"	Others _____
f. Stream/River	( )	( )	( )	( )	( )	If choose "7"	Others _____
g. Rain Water Tank	( )	( )	( )	( )	( )	If choose "7"	Others _____
h. Spring	( )	( )	( )	( )	( )	If choose "7"	Others _____
i. Seasonal Stream/River	( )	( )	( )	( )	( )	If choose "7"	Others _____
j. Others _____	( )	( )	( )	( )	( )	If choose "7"	Others _____

B5. How is the water quality of each water source? ( If "Bad", please choose reason.)

a. Borehole	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
b. Ring Well	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
c. Traditional Dug Well	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
d. Dam	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
e. Pond	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
f. Stream/River	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
g. Rain Water Tank	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
h. Spring	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
i. Seasonal Stream/River	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)
j. Others _____	1. Good	2. Average	3. Bad	(Reason for : 3-1. Water amount	3-2. Color	3-3. Smell	3-4. Taste)

B6. What is the main water source in the village in rainy season?

- a. Borehole b. Ring Well c. Traditional Dug Well d. Dam e. Pond f. Stream/River g. Rain Water h. Spring i. Seasonal Stream/River j. Others \_\_\_\_\_

B7. How far is the main water source from the center of the village in rainy season?

- a. Under 200m b. 200-500m c. 500-1000m d. 1000-1500m e. 1500-2000m f. Over 2000m

B8. How much time does it take for the villagers to fetch water (Average) from the main water source to the center of the village in rainy season?

- a. Under 10min. b. 10-20min. c. 20-30min. d. 30-40min. e. 40-50min. f. Over 50min.

B9. What is the main water source in dry season?

- a. Borehole b. Ring Well c. Traditional Dug Well d. Dam e. Pond f. Stream/River g. Rain Water h. Spring i. Seasonal Stream/River j. Others \_\_\_\_\_

B10. How far is the main water source located from the center of the village in dry season?

- a. Under 200m b. 200-500m c. 500-1000m d. 1000-1500m e. 1500-2000m f. Over 2000m

B11. How much times does it take for the villagers to fetch water (Average) from the main water source to center of village in dry season?

- a. Under 10min. b. 10-20min. c. 20-30min. d. 30-40min. e. 40-50min. f. Over 50min.

B12. What kinds of facilities do the villagers use to fetch water from the water sources?

- a. Plastic Bucket b. Jelly can c. Plastic Bowl d. Clay pot e. Iron Pail f. Others \_\_\_\_\_

B13. What kinds of facilities do the villagers use to store water?

- a. Drum b. Plastic Container c. Clay Pot d. Clay pots fitted with taps e. Buckets fitted with taps f. Others \_\_\_\_\_

B14. What are the problems does the village have in relation to water source? (Circle  the ones that apply to the Worst 3 problems)

- a. Water source is too far b. Little water in the dry season c. Little water at the source even in the rainy season d. Poor water drainage  
e. Water quality is bad ⇒ e-1. Smell e-2. Color e-3. Taste e-4. Others \_\_\_\_\_ f. Too many people use the same water source  
g. Broken/Stolen Hand pump h. Many children are sick (Ex: \_\_\_\_\_) i. Many adults are sick (Ex: \_\_\_\_\_)  
j. No/Too few latrines k. No clean clothes l. No clean water-drawing containers m. No clean house/compounds n. Others ( \_\_\_\_\_ )

### C. Questions on Public Participation and O&M of Water Supply Facilities

C1. Did/Does the village have WUGAMUA? Please write the year in ( \_\_\_\_\_ ).

- a. Yes, it was organized in ( \_\_\_\_\_ ) and is still existing. b. Yes, it was organized in ( \_\_\_\_\_ ), but it does not exist now.  
c. No, but it will be organized in ( \_\_\_\_\_ ) d. No, it will not be organized.

C2. (If you choose "a" for Question C1) How much money did each household pay as an initial contribution?

- a. under Tsh100 b. about Tsh100-300 c. about Tsh300-500 d. about Tsh500-700 e. about Tsh700-900 f. over Tsh1,000 g. Labor force  
h. None i. don't know

C3. (If you choose "a" for Question C1) How much money does each household pay regularly for water cost (O&M) ? (Ex. For 20L)

- a. under Tsh 20 b. Tsh20 c. Tsh20-30 d. Tsh30-40 e. Tsh40-50 f. Over 50 g. None h. don't know

- C4. (If you choose "b" for Question C1) Why does WUGMWUA not exist?  
a. No money for O&M b. No knowledge for O&M c. No support/service by District e. Others \_\_\_\_\_  
f. over Tsh1,000 g. Labor force h. None
- C5. (If you choose "c" for Question C1) How much money will household pay as an initial contribution?  
a. under Tsh100 b. about Tsh100-300 c. about Tsh300-500 d. about Tsh500-700 e. about Tsh700-900 f. over Tsh1,000 g. Labor force h. None  
i. don't know
- C6. (If you choose "c" for Question C1) How much money will each household pay regularly for water cost (O&M)? (Ex. For 20L)  
a. under Tsh 20 b. Tsh20-30 c. Tsh30-40 d. Tsh40-50 e. Over Tsh50 f. Over Tsh50 g. None h. don't know
- C7. (If you choose "d" for Question C1) What is the reason for not organizing WUGMWUA?  
a. No money to contribute for constructing water supply facility b. No interest of organization c. There are other groups for this purpose (Ex. Self defense Group)  
d. It is Government's responsibility e. Enough water sources (No need of new facility) f. Others \_\_\_\_\_
- C8. (If the Village has or will organize WUGMWUA) how often does/will each household pay the water cost (O&M)?  
a. Monthly b. Weekly c. Yearly d. Others \_\_\_\_\_
- C9. (If money will be/is collected regularly) Who does/will collect the money for WUGMWUA?  
a. Village Chairman b. WUGMWUA leader c. Accountant of WUGMWUA d. Others \_\_\_\_\_
- C10. (If money will be/is collected regularly) Who does/will keep the bank accountant (money) for WUGMWUA?  
a. Village leader b. Chair person of WUGMWUA c. Accountant of WUGMWUA d. Others \_\_\_\_\_
- C11. Where can you get the spare parts of water facility?  
a. Buy it from the shop in the town b. Buy it from the government c. Government support to supply d. Others \_\_\_\_\_
- C12. Can you repair the water facility by yourself?  
a. Yes, by ourselves b. Yes, but some parts need to be obtained from government or private sector c. No, we can not d. Others \_\_\_\_\_
- C13. Does / Did the village receive service of O&M by other organization? a. Yes b. No
- C14. (If you choose "yes" for Question C13) Who dose/did provide support to Village?  
a. Local Government (District/Municipality) b. Regional Government c. Internal Drainage Basin officer d. NGO e. Others \_\_\_\_\_
- C15. (If you choose "yes" for Question C13) What kind of support is received from C14? How many times did they come to your village?  
a. Maintain of water facility ( ) times/month b. O&M training ( ) times/month c. Hygiene education ( ) times/month  
d. Construction ( ) times/month e. Health care ( ) times/month f. Others ( ) times/month
- D. Questions on Health, Hygiene and Sanitation Conditions**
- D1. What kind of water-borne diseases were widely spread in your village during the last one year? (Circle  one infected item. the worst 1 disease.)  
a. Cholera b. Guinea worm c. Malaria d. Diarrhea e. River Blindness f. Others \_\_\_\_\_
- D2. What do you think about the cause of the diseases?  
a. Dirty water b. Irregular weather c. Poor & unsanitary living conditions d. Contaminated food e. Others \_\_\_\_\_

- D3. How did the villagers treat the diseases?  
 a. Self treatment   b. Local doctor   c. Mosque/Church   d. Hospital   e. No treatment   f. Others \_\_\_\_\_
- D4. How do you think that the villagers can prevent the diseases?  
 a. Clean water   b. Good sanitary condition   c. Good medicine   d. Others \_\_\_\_\_
- D5. Where do you think that the patients should be treated?  
 a. Hospital   b. Mosque/Church   c. Local clinic   d. Traditional treatment   e. Specialist of water-borne diseases   f. Others \_\_\_\_\_
- D6. How many households have latrine facilities?  
 a. 100% of households   b. 70-90% of households   c. 40-60% of households   d. 10-30% of households   e. 0% of household
- D7. Is there any household or public latrine in the village?  
 a. Yes   b. No
- D8. What type of latrine is used in the household or in the public place in the village?  
 a. Traditional Pit Latrine   b. Improved Traditional Pit Latrine   c. Ventilated Improved Pit Latrine   d. Others \_\_\_\_\_
- D9. How does villagers dispose the excreta mater?  
 a. Bush   b. Stream/River   c. Pit latrine   d. Chute   e. Court yard/House surrounding   f. Others \_\_\_\_\_
- D10. Does villagers wash their hands after latrine?  
 a. Yes   b. No
- D11. Does villagers wash their hand before eating?  
 a. Yes   b. No
- D12. Do you have some support for healthcare or hygiene education in the village?  
 a. Yes   b. No
- D13. (If Yes) Who is supporting to the village?  
 a. Government (District/Municipality, Region),   b. Hospital/Health center   c. NGO (   )   d. Others (   )
- D14. (If Yes) How many times do / did they support to the village? (   ) times/month or year
- D15. How do people treat the water before drinking?  
 a. Boil   b. Filter   c. No treatment   d. Others \_\_\_\_\_
- E: Questions on Fluoride Problem**
- E1. Do you have fluoride problem in this village?  
 a. Yes   b. No
- E2. Have you ever heard about fluoride problem?  
 a. Yes   b. No
- E3. What do you think cause of fluoride problem?  
 a. Water   b. Food   c. Others \_\_\_\_\_
- E4. How do you protect the fluoride problem? (   )
- E5. Do you know about Magadi or Trona?  
 a. Yes   b. No
- E6. Do/Did you take Magadi or Trona?  
 a. Yes   b. No
- E7. Do you have fluoride remover?  
 a. Yes   b. No
- E8. (If Yes) How is the facility condition? (If "Bad", please choose reason.)  
 a. Good   b. OK   c. Bad (Reason for c:   c-1. Breakdown   c-2. Bad color   c-3. Bad smell   c-4. Bad taste)

Village No.	Region	District	Division	Ward	Village	Subvillage	Respondent Information (Position)	Sex
V-1	Singida	Iramba	Kinamanda	Kinamanda	Kya losangi	Mwanbato	VED	Male
V-2	Singida	Iramba	Ndago	Mberikese	Misuna	Misuna	VED	Male
V-3	Singida	Iramba	Ndago	Mwanga	Kidarata	Kidarata A	Village Chairperson	Male
V-4	Singida	Iramba	She lui	She lui	Nse lenowe	Pangani	VED	Male
V-5	Singida	Iramba	Ndago	Ndago	Mwando		VED	Male
V-6	Singida	Mnyoni	Kintinku	Chikoyo	Makutopora	Makutopora Kati	Village Leader	Male
V-7	Singida	Mnyoni	Mnyoni	Idobyanobole	Kishangu	Kashangu	Sub Village Leader	Male
V-8	Singida	Mnyoni	Nkoroko	Chikola	Chikola	Chikola	Village Chairperson	Male
V-9	Singida	Mnyoni	Isseke	Nkonko	Isseke	Isseke	Village Chairperson	Male
V-10	Singida	Singida Rural	Ikungi	Ikungi	Mataro	Nambo	Village Chairperson	Male
V-11	Singida	Singida Rural	Ikungi	Mungonyi	Samburu	Kiromo	VED	Male
V-12	Singida	Singida Rural	Mtrinko	Ughandi	Misinko	Elimu	VED	Male
V-13	Singida	Singida Rural	Mungaa	Mungaa	Makungu	Makungu	Village Chairperson	Male
V-14	Singida	Singida Rural	Ikungi	Mungonyi	Mungonyi	Mungonyi	Village Chairperson	Male
V-15	Singida	Singida Rural	Mtinko	Misisi	Misisi	Barabara Kuu	VED	Male
V-16	Singida	Singida Urban	Mungumaji	Mungumaji	Mungumaji	Mungumaji	VED	Male
V-17	Singida	Singida Urban	Unyekumi	Mwendwa	Yititi	Yititi Kati	VED	Male
V-18	Singida	Singida Urban	Unyekumi	Utemeni	Kindai	Utemeni	VED	Male
V-19	Singida	Singida Urban	Unyekumi	Utemeni	Utemeni	Utemeni	VED	Male
V-20	Tabora	Igunja	Simbo	Igunja	Simbo	Bugomho	Village Leader	Male
V-21	Tabora	Igunja	Manonga	Nkinga	Nkinga	Hospital	VED	Male
V-22	Tabora	Igunja	Manonga	Ndenbezi	Moyofole	Shelusi	VED	Male
V-23	Tabora	Nzeza	Nzeza	Jijani	Uchama	Uchama Sec	VED	Male
V-24	Tabora	Nzeza	Nata	Mwango	Ilaala	Ilaala	VED	Male
V-25	Tabora	Nzeza	Nata	Mwango	Mwango	Mwango	Village Chairperson	Male
V-26	Tabora	Nzeza	Mogwe	Mogwe	Mogwe	Shaming'wa	VED	Male
V-27	Tabora	Uyui	Iga lilia	Loya	Lutona	Lutona A	VED	Male
V-28	Tabora	Sikonge	Ite lwa	Igilwa	Nyaha	Nyaha	VED	Male
V-29	Shinyanga	Kishapu	Kishapu	Uchungu	Ngunidagali	Ngunidagali	Village Chairperson	Male
V-30	Shinyanga	Kishapu	Mondo	Mwadi/Ohumbo	Mwadi/Ohumbo	Kashabi	VED	Male
V-31	Shinyanga	Kishapu	Mondo	Seke/Bukoro	Bugoro	Batunga	VED	Male
V-32	Shinyanga	Kishapu	Kishapu	Kishapu	Munze	Dida	VED	Male
V-33	Shinyanga	Maswa	Mwagala	Busi lili	Masawa	Masawa	VED	Female
V-34	Shinyanga	Maswa	Mwagala	Lalago	Gula	Busongo	Village Chairperson	Male
V-35	Shinyanga	Maswa	Mwagala	Lalago	Sulu	Sulu A	Village Chairperson	Male
V-36	Shinyanga	Maswa	Mwagala	Lalago	Mwakidiza	Dakana	VED	Male
V-37	Shinyanga	Meatu	Kineiti	Bu lyashi	Mwamshole	Mwaka lili	VED	Male
V-38	Shinyanga	Meatu	Kineiti	Paji	Mkaso	Santa	VED	Male
V-39	Shinyanga	Meatu	Nyala nja	Inalaseko	Inalaseko	Hospital	VED	Male
V-40	Shinyanga	Meatu	Mwaruzi	Mwaruzi	Mwagwila	Juwahilini	VED	Female
V-41	Shinyanga	Shinyanga Rural	Itwangi	Tinde	Nsala la	Nsala la	VED	Male
V-42	Shinyanga	Shinyanga Rural	Meamale	Meamale	Meamale B	Meamale	VED	Male
V-43	Shinyanga	Shinyanga Rural	Nindo	Pandagichiza	Pandagichiza	Beda	VED	Female
V-44	Shinyanga	Shinyanga Rural	Samya	Usanda	Mwagwila	Bulina	VED	Male
V-45	Shinyanga	Shinyanga Urban	Isadikuli	Kolandofo	Kolandofo	Hospital	Village Chairperson	Male
V-46	Shinyanga	Shinyanga Urban	Mijini	Mwagwila	Mwagwila	Negezi	VED	Male
V-47	Shinyanga	Shinyanga Urban	Mijini	Ibinzama	Ibinzama	Bugwagwe	VED	Male
V-48	Shinyanga	Shinyanga Urban	Mijini	Kizumbi	Nhe legani	Nhe legani	VED	Female
V-49	Dodoma	Dodoma Rural	Bahi	I lindi	I lindi	Mwangozo	Village Chairperson	Male
V-50	Dodoma	Dodoma Rural	Chipa nja	Chipa nja	Chipa nja	masole	VED	Female

Village No.	Region	District	Division	Ward	Village	Subvillage	Respondent Information (Position)	Sex
V-51	Dodoma	Dodoma Rural	Chipanga	Nondwa	Zelele	Pofepole	VED	Male
V-52	Dodoma	Dodoma Rural	Mundemu	Mundemu	Mundemu	Lungo	VED	Male
V-53	Dodoma	Dodoma Rural	Mritikila	Mritikila	Mritikila	Mungano	VED/VED	Female
V-54	Dodoma	Dodoma Rural	Bahi	Kijwe	Mpinga	Chigwanboga	VED	Male
V-55	Dodoma	Dodoma Rural	Mundemu	Misiri	Mchito	Mwangozo	Village Chairperson	Male
V-56	Dodoma	Dodoma Urban	Zuzu	Mwabala	Mwabala B	Muju	VED	Male
V-57	Dodoma	Dodoma Urban	Zuzu	Mkorose	Mkorose	Isanyai	VED	Male
V-58	Dodoma	Kondoa	Farkwa	Makorongo	Makorongo	Wenese	VED	Male
V-59	Dodoma	Kondoa	Kondoa Mijini	Kingale	Kingale	Kunduche	VED	Female
V-60	Dodoma	Kondoa	Kwemtoro	Lalita	Lahoda	Bwawa	VED	Male
V-61	Dodoma	Kondoa	Pahi	Bumbata	Kisaki	Mesantu	VED	Male
V-62	Dodoma	Kondoa	Farkwa	Makorongo	Khubuko	Sengese	Village Chairperson	Male
V-63	Manyara	Babati	Babati	Babati	Ma isaka	Masani	VED	Male
V-64	Manyara	Babati	Babati	Madunga	Gidungwar	Gabidaw	VED	Male
V-65	Manyara	Babati	Gorowa	Duru	Duru	Gidomondo B	VED	Female
V-66	Manyara	Babati	Gorowa	Gidas	Gidas	Shuleni	Village Chairperson	Male
V-67	Manyara	Babati	Nkaiti	Mrijingu	Mrijingu	Kwa Ngote	Village Chairperson	Male
V-68	Manyara	Babati	Nkaiti	Kuru	Kuru	Kuru	PARK WARDEN	Female
V-69	Manyara	Babati	Gorowa	Gidas	Gibabagar	Tlavi	VED	Male
V-70	Manyara	Babati	Kiru	Kiru	Malingi	Malingi Chini	VED	Male
V-71	Manyara	Babati	Mugwe	Kiru	Kirongozi	Kirongozi	Village Chairperson	Male
V-72	Manyara	Babati	Mugwe	Mugwe	Mugwe Mijumani	Mugwe	VED	Male
V-73	Manyara	Hanang	Endasak	Gidabababag	Gidabababag	Gidabababag	VED	Female
V-74	Manyara	Hanang	Endasak	Masakta	Masakta	Masakta A	VED	Male
V-75	Manyara	Hanang	Simbay	Siroo	Siroo	Madani	Councilor Ward	Male
V-76	Manyara	Hanang	Bassoto	Bassoto	Bassoto	Bassoto	VED	Male
V-77	Manyara	Hanang	Bassoto	Bassoto	Bassoto	Bassoto Masariki	VED	Male
V-78	Manyara	Kiteto	Kibaya	Kibaya	Kibaya	Bonani	Village Chairperson	Male
V-79	Manyara	Kiteto	Ndedo	Ndedo	Ndedo	Madukani	VED	Male
V-80	Manyara	Kiteto	Oloboti	Njoro	Njoro	Njoro Kati	Village Chairperson	Male
V-81	Manyara	Mbulu	David	Masida	Gunyoda	Gehandu	VED	Female
V-82	Manyara	Mbulu	Dongobesh	Haytom	Ng'wandakw	Ng'wandakw	VED	Male
V-83	Manyara	Mbulu	Dongobesh	Mgabung	Endamitay	Endabat	Village Chairperson	Male
V-84	Manyara	Simanjiro	Emboreset	Emboreset	Lolborsoit	Madukani	VED	Male
V-85	Manyara	Simanjiro	Emboreset	Loibor-Street	Narakawo	Mtoni	Sub Village Chairperson/Village Chairperson	Male
V-86	Arusha	Arumeru		Oidoyosambu	Oidoyosambu	Kati	Village Chairperson	Male
V-87	Arusha	Karatu	Endabash	Kansay	Ngaibara	Basalata	VED	Male
V-88	Arusha	Karatu	Eyasi	Baray	Jobaj	Shuleni	Village Chairperson	Male
V-89	Arusha	Karatu	Karatu	Barako	Tiona	Gibs Farm	VED	Male
V-90	Arusha	Karatu	Karatu	Oideani	Oideani	Oideani-Kati	VED	Male
V-91	Arusha	Karatu	Mbulumbulu	Rhotia	Kilimalambo	Gilla la	VED	Female
V-92	Arusha	Monduli	Longido	Engarena Ibor	Org'itha	Engudoto	VED	Male
V-93	Arusha	Monduli	Longido	Namanga	Namanga	Orendake	VED	Male
V-94	Arusha	Monduli	Makuyuni	Makuyuni	Makuyuni	Makuyuni	Village Chairperson	Male
V-95	Arusha	Monduli	Monduli	Lolksale	Miserani	Chini	VED	Female
V-96	Arusha	Monduli	Longido	Longido	Longido	Mama	VED	Male
V-97	Arusha	Monduli	Kisongo	Monduli Juu	Egarki		VED	Male
V-98	Arusha	Ngorongoro	Loliondo	Oigosrok	Sakala	Sakala	Village Chairperson	Female
V-99	Arusha	Ngorongoro	Ngorongoro	Kakesio	Kakesio	Madukani	VED	Male
V-100	Arusha	Ngorongoro	Ngorongoro	Maindokamba	Lemala	Lemala	VED	Male







Village No.	Village	A. Basic Information of Village																					
		A1 Population (No.)			A2 Household (No.)	A3 Tribe	A4 A5 Power supply (Y/N) (If Yes, Other)	A6 (If Yes, Other)	A7 (If Yes, Other)	A8 Health facility (No.) (a) (b) (c) (d) (e) (f) (Other)	A9 School facility (No.) (a) (b) (c) (d) (e) (f) (Other)	A10 Economic activity (%)					A11 Group activity						
		Total	Male	Female							a	b	c	d	e	f	(Other)	a	b	c	d	(Other)	
V-06	Gidns	3,426	1,928	1,597	550	MALOCOMA	b		b		1	Disensary	1	1				50	37				
V-07	Minjingu	4,802	766	1,518	758	MASAI	c	a	a-1		2	Disensary	1	3				80	15			Economic group	
V-08	Kure	15	7	8	7	MASAI	a	a	a-3														
V-09	Cibeban	3,402	1,072	1,180	357	MALOCOMA	b	b	a-3									59	38				
V-10	Malangi	1,127	199	92	421	WAIKAG	c	a	a-3		1	Disensary	1					60	20				
V-11	Kiongozi	1,400	224	236	478	WAIKAG	b	b			1	Disensary	1					75	10				Farming, Neema & Ngovu kazi, Nykt group
V-12	Joyu wa Mjerumia	1,940	451	402	527	WAIKAG	a	b	a-2									90	5				Provision of security/protection oildol forest reserve
V-13	Gidokhabilib	3,090	1,345	1,745	515	WAIKAG	c	b	a-4		1	Disensary	1	2				49	30				
V-14	Masakta	5,795	2,063	2,029	791	WAIKAG	c	a	a-3	a-4		1	Disensary	2	1			80	15				Livestock keeping
V-15	Sirop	2,574	1,312	1,262	804	WAIKAG	c	a	a-3			1	Disensary	1				80	32				
V-16	Rassodeth	3,312	1,792	1,520	536	WAIKAG	c	b	a-3	a-4		2	Disensary	1	2			60	38				Small business
V-17	Bassotu	11,500	5,220	6,180	2,000	BARBALIC	c	a	a-1		2	Disensary	1	4				70	20				PAIEP
V-18	Kibaya	4,943	1,192	1,200	1,022	MASAI	a	a	a-3		3							70	10				
V-19	Idiedo	3,598	1,600	1,007	324	MASAI	c	a	b			1	Disensary	1				8	90				Economic group
V-20	Kiroo	5,000	2,940	3,060	1,228	MURURICE	a	a	a-1		1	Disensary	1	2				90	8				Economic group
V-21	Gunyeda	2,847	598	804	840	WAIKAG	b	b	a-2			1		1	3			80	40				
V-22	Mwandaka	2,753	522	588	840	WAIKAG	c	a	b					1				70	25				
V-23	Endamizay	3,381	701	790	1,068	WAIKAG	c	b	a-3			1	Disensary	1				90	5				changamieni to supply agro- inputs
V-24	Loliborait	5,000	-	-	700	MASAI	c	b	a-2		1		1	2				9,5	90				economic group
V-25	Nirakuwo	8,894	3,234	3,660	2,886	MASAI	c	b	a-3					1				9,8	90				Security
V-26	Odemosambu	3,000	1,400	1,600	500	MASAI	c	a	b				2	2	1			70	20				Small scale business
V-27	Neibara	3,120	1,104	1,211	384	Irearians	c	a	b					4				90	10				Football association
V-28	Jobaj	1,980	700	785	206	Irearians	b	d	b					2	1			80	15				Football association team
V-29	Tiona	8,008	2,774	2,789	1,191	Irearians	b	a	a-2					2	2			70	5				Small scale burnt bricks organisation
V-30	Oisani	5,670	2,100	2,164	706	Irearians	b	a	a-1		1							85	20				Small scale
V-31	Kilimambo	3,985	1,462	1,503	480	WAIKAG	b	d	b					3	3			70	20				Football club
V-32	Ogiriba	5,093	876	1,368	1,220	MASAI	c	c	b					5	1			8	90				Small scale business unit
V-33	Nananga	15,080	4,300	4,700	2,500	MACHIGA	b	a	a-3		4	Disensary	1					50	20				Business
V-34	Naiforia	2,145	798	812	260	MASAI	c	a	b					1				20	80				Business
V-35	Miserani	2,848	1,049	1,200	290	MASAI	c	b	b					1				10	90				Business
V-36	Longido	6840	2,475	2,655	834	MASAI	c	a	b					3	1			15	70				Business
V-37	Egwiki	1,900	900	1,000	-	MASAI	b	a	a-1					1	1			20	75				Defending resources and security
V-38	Satala	3,600	1,192	1,200	1,129	MASAI	c	a	a-4					1				40	60				Economic group loaned from TASAF
V-39	Kakessio	4,495	1,132	1,138	1,100	MASAI	c	b	b					1				1	98				Security
V-100	Lenaita	2,643	848	678	659	MASAI	c	a	b					4	1			0,5	99				Economic group





Village No.	Village	B1 Water Sources (No.)										B3 Distance From Water Sources (m)										B4 Usage of Water Sources (Maximum 5 Items in each Water Source)																		
		Water Sources (No.)										Distance From Water Sources (m)										Usage of Water Sources (Maximum 5 Items in each Water Source)																		
		a	b	c	d	e	f	g	h	i	j	a	b	c	d	e	f	g	h	i	j	a	b	c	d	e	f	g	h	i	j									
Y-78	Kibaya	2	30	2	10	1															2,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
Y-79	Idodo	1	18	6	1																200	2,000	14,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing
Y-80	Njoro	1	1	2	5															1,000	2,000	2,000	500	500	500	500	500	500	500	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-81	Gunyoda	1	3	5	1	1														1,400	4,000	500	1,500	2	1,200	1,200	1,200	1,200	1,200	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-82	Ng'handakw	1	10	2	4	2	9	3												2,900	5,000	4,000	1,000	2,000	2,000	2,000	2,000	2,000	2,000	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-83	Endamila	2	15	4	2	1														5,000	2,000	4,000	8,000	8,000	8,000	8,000	8,000	8,000	8,000	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	1 2 3 4 7 Bathing	
Y-84	Loiborsit	2	2	2																3,000	3,000	2,000	4,000		2,900	2,900	2,900	2,900	2,900	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-85	Narakauro	3	1	6	1	1	7	2												10,000	1,000	500	200	200	1,000	1,000	1,000	1,000	1,000	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	
Y-86	Oidoyessambu																						10	2,000	3,000	3,000	3,000	3,000	3,000	4	4	4	4	4	4	4	4	4	4	
Y-87	Nkabarara	2	5	3	1	5	3													2,000	1,500	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-88	Jobbi	1																		4,500			1,000	1,000	1,000	1,000	1,000	1,000	1,000	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	
Y-89	Tloma	1	1	2	1	3																	200	3,000	200	800	800	800	800	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	
Y-90	Oideani	2	1	2	2	1																	200	900	2	700	1,000	1,000	1,000	3 4 5	3 4 5	3 4 5	3 4 5	3 4 5	3 4 5	3 4 5	3 4 5	3 4 5	3 4 5	
Y-91	Kilimatebo	1	2	3	1	1																	400	500	1	750	1,900	1,900	1,900	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	
Y-92	Grasira	4	2	10	2	1														1,500	2,000	500	500	2,000	500	2,000	2,000	2,000	2,000	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-93	Namanga																																							
Y-94	Naitoria	1	1	2																10,000										1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-95	Misrani	1	1	1	1	1																	100	1,500	1,500	1,500	1,500	1,500	1,500	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-96	Londido	1	10	10	1	1														8,000			1,000	3,000	1,000	3,000	1,000	3,000	1,000	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-97	Egriki																						2,000	1,500	1,000	1,000	1,000	1,000	1,000	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	3 4	
Y-98	Sakala	1	1	4	1	1														850	1,000	200	1,000	4,000	1,000	4,000	1,000	4,000	1,000	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-99	Kakesio	2	6	4	8	7														5,000	2,000	4,000	1,500		3,500	1,200	3,400	1,200	3,400	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4	
Y-100	Luania																						500	5,000	500	5,000	500	5,000	500	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	



Village No.	Village	B. Questions on Water Resource and Water Supply Conditions																									
		B5 Satisfaction of Water Quality & Quantity of Each Water Source				B6 B7 B8 Rainy season (Other) Dry season (Other)				B9 B10 B11		B12 Fetching by (Mainly) (Other)		B13 Store by (Mainly) (Other)		B14 Problem of water & sanitation (Other) (Other)											
a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v	w	x	y	z		
Y-40	Manzila	3 3-1	2																								
Y-41	Nsalila	1	2																								
Y-42	Mesala B	2	1																								
Y-43	Pandagichiza	1	2																								
Y-44	Manyada	1	3 3-4																								
Y-45	Yolandoto	2	3 3-1																								
Y-46	Negazi	3 3-4	2																								
Y-47	Ibrizanta	3 3-4	2																								
Y-48	Nilelani	2	2																								
Y-49	Ilindi	2	1																								
Y-50	Chiguluka	3 3-4	1																								
Y-51	Zejete	3 3-4	1																								
Y-52	Mundamu	1	1																								
Y-53	Milikila	1	1																								
Y-54	Miranga	2	1																								
Y-55	Mchito	1	3 3-2 3-3																								
Y-56	Mhabela B	1	1																								
Y-57	Mkonze	3 3-2 3-3	2																								
Y-58	Makorongo	2	2																								
Y-59	Kinsale	3 3-4	1																								
Y-60	Lahoda	2	1																								
Y-61	Kisaki	2	2																								
Y-62	Rhubunko	1	2																								
Y-63	Maisaka	3 3-4	1																								
Y-64	Gidunear	3 3-1	3 3-1 3-2																								
Y-65	Duru	3 3-4	1																								
Y-66	Grdas	2	1																								
Y-67	Minjinsu	3 3-4	1																								
Y-68	Kuro	1	2																								
Y-69	Gibobagar	3 3-1	3 3-1 3-4																								
Y-70	Malangi	1	1																								
Y-71	Klongezi	1	1																								
Y-72	Moyu wa Mierumani	1	2																								
Y-73	Gidababiree	3 3-4	3 3-2 3-4																								
Y-74	Nasakita	1	1																								
Y-75	Sirap	1	1																								
Y-76	Bassodesh	3 3-1 3-2	3 3-1 3-2 3-3 3-4																								
Y-77	Bassotu	2	3 3-1 3-2 3-3 3-4																								



Village No.	Village	B. Questions on Water Resource and Water Supply Conditions															
		85		86		87		88		89		90		91		92	
Satisfaction of		Water Quality & Quantity of Each Water Sources		Rainy season		Dry season		Mainly		Mainly		Mainly		Mainly		Mainly	
d (Reason)		e (Reason)		f (Reason)		g (Reason)		h (Reason)		i (Reason)		j (Reason)		k (Reason)		l (Reason)	
a (Reason)	b (Reason)	c (Reason)	d (Reason)	e (Reason)	f (Reason)	g (Reason)	h (Reason)	i (Reason)	j (Reason)	k (Reason)	l (Reason)	m (Reason)	n (Reason)	o (Reason)	p (Reason)	q (Reason)	r (Reason)
V-76	Kibaya	1			3 3-2	1	1	3 3-2									
V-79	Ndedo	3 3-4			3 3-2	1	1										
V-80	Njero	3 3-1 3-4	2		3 3-2	1											
V-81	Gupya	1		1	2			3 3-1									
V-82	Ng wandaw	2		3 3-1	3 3-2	3	3-1										
V-83	Endimlay	1		3 3-1 3-4	3 3-1 3-2 3-4			3 3-4									
V-84	Leborsoif	1	2					3 3-2									
V-85	Narakuwo	2		3 3-2													
V-86	Oiboyocambu																
V-87	Ngibara	1		2	3 3-3												
V-88	Jobsj	1															
V-89	Tlom				3 3-1			3 3-1									
V-90	Oideani				3 3-1 3-2												
V-91	Kilimbenbo				3 3-2												
V-92	Oertha		2		3 3-2												
V-93	Namanga																
V-94	Natoris	1			3 3-2												
V-95	Miserani				3 3-2												
V-96	Longido	1			3 3-2 3-3												
V-97	Emitik																
V-98	Sakala	3 3-1	1		3 3-1 3-2												
V-99	Akresio	2			3 3-2												
V-100	Lemala				2			3 3-1									

Village No.	Village	C1 M/Y/DA (Year)	C2 (f, a)		C3 (f, a)		C4 (f, b)		C5 (f, c)		C6 (f, c)		C7 (f, d)		C8 Pay O&M cost per...		C9 Collecting by		C10 Keeping by		C11 Spare parts		C12 Repair		C13 (Y/N)		C14 (If "Yes")		C15 (If "Yes")								
			(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)	(f)	(a)					
V-1	Kyalosangi	1993	f		f											c	b	c	b					a	a												
V-2	Misuna	1996	g		f										c		b	a						b													
V-3	Kidarafa	1997					b								c		b	a						a													
V-4	Nselebe	2003	f		b										d	Everyday	b	d	CHICCO					a	b												
V-5	Zwando	2004	f		f										d	After 3 month	b	b						a	d												
V-6	Makutapora	2003	f		a										d	Everyday	b	c						a	d												
V-7	Kishangwa	1993	c		g										a		b	d	P. Chission Manyoni					b													
V-8	Chicola	1997	f		e										c		a	c						b													
V-9	Issoko	2005	h		d										a		b	a						a	e												
V-10	Mitere	1992					b								a		b	a						b													
V-11	Samburu	2002	f		d										a		a	a						a	a												
V-12	Mipinko	2005	a		g										a		b	a						a	a												
V-13	Makungu	2005	a		b										d	Everyday	b	b						a	d												
V-14	Mangonyi	1997					b								d	Everyday	b	c						b													
V-15	Msisi	1996					b								d	3 times per year	b	c						b													
V-16	Munung'aji	2005	d		g										a		c	a						a	d												
V-17	Ititi	2003	b		a										a		b	d	SEMA					a	d												
V-18	Kindai							c							a		b	d	SUNASA					a													
V-19	Izunga	2007								i	h				d	Don't know	a	a						a													
V-20	Siabo	2002	f		g										d	When people fetching water	d							a													
V-21	Nkinga	2006	f		f										c		a	a						a	e												
V-22	Moyofoke	2004	g		g										d	NA	d	NA						a	e												
V-23	Uchama	2007								e	h				c		b	a						b													
V-24	Ilagaja	2001	f		f										d	ORC OBER IS used as a...	a	a						a													
V-25	Mwasuguli	2000	f		f										c		a	a						a													
V-26	Mizawa	2006	b		f										c		a	a						a	e												
V-27	Lutona	2000	f		f										c		a	a						a	e												
V-28	Nyahu	2007								e	h				c		b	d	Don't know					a													
V-29	Nuundazali	2003	f		g										c		c	a						a	d												
V-30	Mwadui Luhubo	1998	f		g										a		c	a						a	a												
V-31	Bucoro	1997	f		g										c		c	a						a	a												
V-32	Mhuzze	2007								i	b				a		b	d	Bank					a	a												
V-33	Masaawa	2000	f		g										c		c	a						a	d												
V-34	Gula	2003	f		g										c		c	a						a	d												
V-35	Sulu	2001	e		f										c		c	a						a	c												
V-36	Mekidiga	2002	g		g										d		c	a						a	c												

Village No.	Village	C1 WU/MUA (Year)	C2 (F.S.) (1st/2001)	C3 (F.S.) (1st/2001)	C4 (F.S.) (Other)	C5 (F.S.) (1st/01)	C6 (F.S.) (1st/01)	C7 (F.S.) (Other)	C8 Pay DM cost per (Other)	C9 Collecting by (Other)	C10 Keeping by (Other)	C11 Spare parts		C12 Repair		C13 (Y/N)		C14 (If "Yes")		C16 (If "Yes")			
												(Other)	(Other)	(Other)	(Other)	(Other)	(Other)	(Other)	(Other)	(Other)	(Other)	(Other)	(Other)
V-37	Mkamishiele	1987	f	d					c	c	c	a	c			a	a						
V-38	Makao	2007				g	h		c	c	c	a	c			a	e						
V-39	Imalaseko	2004	g	e					c	c	c	a	c			a	g						
V-40	Mesgwilla	2000	f	f					d	Once there is need for maintenance.	c	a	c			a	a						
V-41	Nesiala	1999	e	e					a		c	a	c			a	a						
V-42	Manjala B	1995	e	g					c	Pump attendant	c	a	a			a	a						
V-43	Pandegichiza	1997	f	g					c		c	a	a			a	a						
V-44	Harvada	1999	f	g					c		c	a	a			a	a						
V-45	Kolandoto	1992	f	b					a		c	a	a			a	a						
V-46	Neseci	1994	b	g					a		c	a	a			a	a						
V-47	Binzama	2003		c					a		c	b	c			a	a						
V-48	Niolagani	1995	f	b					a		c	a	a			a	a						
V-49	Jlindi		d	a					d	Agent	d	Agent	d			a	a						
V-50	Chikuluka	1995	a	a					d	Per Plastic bucket	c	b	c			a	a						
V-51	Zajele		d	f					c	No idea of WU/MUA	c	b	c			b	b						
V-52	Mundemu		d	a					e		c	a	a			b	b						
V-53	Metikila		d	f					a	Agent sale water	c	a	a			b	b						
V-54	Mpinga	2003	f	b					d	Agent	c	b	c			a	a					Per year	
V-55	Mchito		d	a					d	Per Plastic bucket	c	b	c			b	b						
V-56	Mobala B		d	f					d	Village leader's operate the source	c	b	c			b	b						
V-57	Mkonze		d	a					b		c	a	a			b	b						
V-58	Makorongo		d						a	No knowledge of WU/MUA	c	a	a			b	b						
V-59	Kingale		d						d	Plastic bucket	c	b	c			b	b						
V-60	Lahoda		d						a		c	b	c			b	b						
V-61	Kisaki		d						d	Plastic bucket	c	a	a			b	b						
V-62	Khubunko		d						c	They haven't idea	c	a	a			b	b						
V-63	Rajisaka	2002	g	g					c		a	a	a			b	b						
V-64	Gidongwe	1998	f	a					a		c	a	a			a	d					3	
V-65	Duru	1995	c	g					d		c	a	a			b	b						
V-66	Gidas	2001	f	g					c		c	a	a			b	b						
V-67	Minjingu	2007					f	b	d	As they catch water 20sh per bucket	c	a	a			c	b						
V-68	Kuro		d				d		d	NA	d	NA	d			a	e					TANAPA	
V-69	Gibabagar	2003					a		c		c	a	a			c	c						
V-70	Malanzi	2004	f	g					a		c	d	c			c	c						
V-71	Kiongozi	2004	f	g					c		d	VED	d			b	b						
V-72	Mbuyu wa Mjerumani	2005	h	b					d	Buy from vender (Tsh160/20l)	c	c	a	a		a	d						Per year

Village No.	Village	C1 MGT/MA (Year)	C2 (If "a") (If "b")	C3 (If "a") (If "b")	C4 (If "a") (If "b")	C5 (If "a") (If "b")	C6 (If "a") (If "b")	C7 (If "a") (If "b")	C8 Pay DM cost per (Other)	C9 Collecting by (Other)	C10 Keeping by (Other)	C11 Spare parts		C12 Repair (Other)	C13 (Y/N)	C14 (If "Yes")		C15 (If "Yes")		
												(a)	(b)			(a)	(b)	(a)	(b)	(a)
V-73	Gizhababing	a	h	f					a	b	c	a			b					
V-74	Mesakta	a	i	a					d	c	c	b			a	d	MEDECO	2	2	Per year
V-75	Strop	c			f	b			c	b	c	a			b					
V-76	Bassodesh	b		e					d	b	c	d	NA	NA	NA	e	NA			NA
V-77	Bassotu	b		e					a	b	c	d	Lako water	c	b					
V-78	Kibaya	c			f	e			d	c	c	a			b					
V-79	Indedo	c			f	b			d	c	c	a			b					
V-80	Hjoro	c			f	b			d	c	c	b			b					
V-81	Gunyoda	c			f	b			c	c	c	a			b					
V-82	Ng'wendakw	c			e	a			a	c	c	a			b					
V-83	Endemilay	a	e	c					c	c	c	a			a	a				
V-84	Loiborsoit	c			f	d			d	c	c	a			b					
V-85	Narakuwo	c			f	b			c	c	c	a			b					
V-86	Bidonyosambu	a	i	e					a	c	c	a			a	a				
V-87	Ngalbaira	c			f	a			c	c	c	a			b					
V-88	Jobaj	a	f	f					a	c	c	a			a	d	ISF			
V-89	Tiona	c			f	b			c	c	c	a			b					
V-90	Oideani	c			e	c			a	c	c	a			b					
V-91	Kilinetambo	c			f	b			c	c	c	a			b					
V-92	Ogirha	a	f	f					a	c	c	a			a	a				
V-93	Namanga	a	c	b					a	c	c	a			a	a				
V-94	Naitoria	a	e	a					c	c	c	a			a	d	World vision			
V-95	Miserani	a	f	e					c	c	c	a			b					
V-96	Longido	a	f	e					c	c	c	a			a	a				
V-97	Egwiki	a	e	f					c	c	c	a			a	a				
V-98	Sakala	c			f	b			a	c	c	a			b					
V-99	Kakesio	c			f	c			d	c	c	a			b					
V-100	Lemala	c			f	b			a	c	c	a			b					

Village No.	Village	D. Questions on Health, Hygiene and Sanitation Conditions										E. Questions on Flood/Insect Problem												
		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	E1	E2	E3	E4	E5	E6	E7	E8
	Water borne disease (Cause of disease) (Other)	Should treat (Other)	Preventive by (Other)	Type of latrine (Other)	Disposal (Other)	After disposal (Other)	Before disposal (Other)	ANC (Other)	(If 'Yes')	(Times/month/year)	(If 'Yes')	(Times/month/year)	015	016	017	018	019	020	021	022	023	024	025	026
Y-1	Kyalosangi	a	b	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-2	Misuna	a	c	a	a	c	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-3	Kidarita	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-4	Ngelembwe	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-5	Mwando	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-6	Makufopora	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-7	Kishangu	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-8	Chikola	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-9	Isseke	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-10	Masare	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-11	Sabaruru	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-12	Misinko	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-13	Makungu	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-14	Mangonyi	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-15	Mesisi	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-16	Mungumaji	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-17	Ititi	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-18	Kindai	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-19	Igunza	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-20	Simbo	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-21	Nkiringa	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-22	Moyofoke	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-23	Uchama	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-24	Ilagaja	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-25	Mwaguzuli	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-26	Migwa	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-27	Lutona	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-28	Nyafua	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-29	Ngunzaali	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-30	Iwedui Lumbuo	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-31	Bugoro	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-32	Mwanzee	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-33	Masenna	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-34	Golia	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-35	Sulu	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a
Y-36	Mwekidiga	a	c	a	a	c	b	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

Village No.	Village	D. Questions on Health, Hygiene and Sanitation Conditions											E. Questions on Fluoride Problem										
		D1 Water borne disease (Other)	D2 Cause of disease (Other)	D3 Treated at (Other)	D4 Preventing by (Other)	D5 Should treat (Other)	D6 Latrine (No.) (Y/N)	D7 Type of latrine (Other)	D8 Type of latrine (Other)	D9 0: none (Other)	D10 After toilet (Y/N)	D11 Before sanitation (Y/N)	D12 Hygiene education (Y/N)	D13 (F.Year) NGO (Other)	D14 (Times) (month/year)	D15 Frequency (Other)	D16 Cause of (Other)	D17 How to protect (Y/N)	D18 How to protect (Y/N)	D19 Fluoride (Y/N)	D20 Fluoride (Y/N)		
V-37	Mwanshale	c	a	a	a	a	c	a	c	a	a	b			b	b	c	Don't know	Don't know	a	a	b	
V-38	Makao	d	a	d	a	a	c	a	c	a	a	a	b		a	a	a	Don't know	Don't know	a	a	b	
V-39	Jmalakco	c	a	d	a	a	c	a	c	a	a	a	b		b	b	c	Don't know	Don't know	b	b	b	
V-40	Mwagwila	c	a	d	a	a	c	a	c	a	a	a	b		b	b	c	NA	Don't know	a	a	b	
V-41	Msalila	b	c	d	a	a	d	b	a	a	b	a	b		b	b	c	Don't know	Don't know	a	a	b	
V-42	Mwamla R	d	c	f	Dispensary	b	c	a	a	a	a	a	a		b	b	a	Don't know	Don't know	a	a	b	
V-43	Paodasi chitza	d	a	f	Dispensary	a	c	a	a	a	a	a	a		b	b	a	Don't know	Don't know	a	a	b	
V-44	Mhanyada	b	c	f	Dispensary	b	f	d	a	a	a	a	d	Dispensary	Month	b	b	c	Don't know	Don't know	a	a	b
V-45	Kolandoto	b	a	d	a	a	a	c	a	a	a	a	a		year	a	a	a	Don't know	Don't know	a	a	b
V-46	Negazi	c	a	d	a	a	a	c	b	a	a	a	a		year	a	b	c	Don't know	Don't know	a	a	b
V-47	Ibrizemata	a	a	d	a	a	a	c	b	a	a	a	b		month	b	b	c	Don't know	Don't know	a	a	b
V-48	Mhilelani	c	a	d	a	a	a	c	b	a	a	a	b		month	b	b	c	Don't know	Don't know	a	a	b
V-49	Ilandi	d	a	d	b	a	b	a	b	a	a	a	a		year	c	b	b	Don't know	Don't know	a	a	b
V-50	Chiguluka	a	c	d	b	a	a	c	f	a	a	a	b		month	a	b	a	Don't know	Don't know	a	a	b
V-51	Zajele	c	a	d	b	a	c	a	e	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-52	Mudomu	c	a	d	a	a	a	f	f	a	a	a	b		month	a	b	a	Don't know	Don't know	a	a	b
V-53	Mwikitia	b	c	f	Dispensary	b	a	c	e	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-54	Mainga	e	c	d	b	a	c	a	c	a	a	a	b		year	c	b	a	Don't know	Don't know	a	a	b
V-55	Mhito	e	a	d	a	a	a	b	a	b	a	b	b		month	c	b	a	Don't know	Don't know	a	a	b
V-56	Mabala B	c	a	f	Dispensary	a	a	b	a	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-57	Mkonze	e	c	d	b	a	a	a	c	a	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-58	Makorongo	d	a	d	a	a	a	a	c	a	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-59	Kingile	c	a	d	a	a	a	a	c	a	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-60	Laboda	d	a	d	a	a	a	a	c	a	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-61	Kisaki	c	a	d	a	a	a	a	c	a	a	a	b		year	a	a	a	Don't know	Don't know	a	a	b
V-62	Rhubuko	d	a	d	a	a	a	a	f	a	a	a	c	World vision	year	c	b	a	NA	NA	a	a	b
V-63	Maisaka	c	a	d	a	a	a	a	c	a	a	a	b		year	c	b	a	Don't protect	Don't protect	b	b	b
V-64	Gideneer	c	a	d	b	a	a	a	c	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-65	Duru	c	a	d	a	a	a	a	c	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-66	Gidas	d	c	d	b	a	a	a	c	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-67	Mirinjingu	d	a	d	a	a	a	a	c	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-68	Kuro	f	NA	f	NA	d	NA	a	a	a	a	a	a		month	c	a	a	Don't know	Don't know	a	a	b
V-69	Gibabagar	c	a	d	b	a	a	a	c	b	a	a	b		month	a	a	a	Don't know	Don't know	a	a	b
V-70	Malangl	c	a	d	a	a	a	a	c	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-71	Kiongozi	d	a	d	a	a	a	a	c	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b
V-72	Mhoyu wa Mjerumani	c	a	d	a	a	a	a	c	b	a	a	b		month	c	b	a	Don't know	Don't know	a	a	b

Village No.	Village	D. Questions on Health, Hygiene and Sanitation Conditions													E. Questions on Florida Problem																			
		D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	E1	E2	E3	E4	E5	E6	E7	E8										
	Water borne disease (Other)	Cause of disease (Other)	Treated at (Other)	Prevented by (Other)	Should treat (Other)	Latrine (No.) (Other)	Latrine (Yes) (Y/N)	Type of latrine (Other)	Type of latrine (Other)	Diagnosis (Other)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)	Attended for sanitation (Y/N)									
V-73	Grabababing	d	a	d	b	a	d	a	a	c		b	a	a	a	c		AURA	1	year	c		a	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-74	Ncaika	c	a	d	b	a	c	a	a	c		b	c	a	a	c		AURA	1	year	c		b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-75	Srop	d	a	f	b	f	Dispensary	d	a	c		b	a	a	c			AURA	1	year	c		b	a	a	NA	a	a	a	Don't know	a	a	b	
V-76	Bassodosh	d	a	d	a	a		d	a	a		b	a	a	c	d		Hydrom hospital	1	month	c		a	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-77	Bassutu	f	a	f	b	a		d	a	c		b	a	a	d			Hydrom hospital	1	year	c		a	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-78	Kibaya	a	a	f	b	f		b	a	b		a	a	a	a				4	year	c		b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-79	Nedic	d	a	d	b	a		d	a	b		b	a	a	c			Water aid	1	year	c		b	b	c	Don't know	Don't know	a	a	a	Don't know	a	a	b
V-80	Njoro	d	a	d	a	a		b	a	b		b	a	a	b								b	b	c	Don't know	Don't know	a	a	a	Don't know	a	a	b
V-81	Guyoda	d	a	d	a	a		c	a	a		b	a	a	a				4	year	c		b	b	a	Don't know	a	a	a	Don't know	a	a	b	
V-82	Ng'wandakw	c	a	d	b	a		c	a	a		b	a	a	a				1	month	c		b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-83	Endantilay	c	a	d	a	a		b	a	a		b	a	a	a				1	year	c		b	b	a	Don't know	a	a	a	Don't know	a	a	b	
V-84	Loiboripit	d	a	d	a	a		d	a	a		b	a	a	a				1	month	c		b	b	b	Don't know	a	a	a	Don't know	a	a	b	
V-85	Narakauro	c	a	d	a	a		d	a	a		b	a	a	b								b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-86	Olongosambu	c	a	d	b	a		c	a	a		c	a	a	a				4	year	b		b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-87	Ngaribara	d	a	d	a	a		d	a	a		b	a	a	b								b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-88	Jabaj	a	a	d	a	a		d	a	a		b	a	a	a								b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-89	Tiona	d	a	d	a	a		c	a	a		b	a	a	a				1	month	c		b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-90	Oideani	d	a	d	a	a		c	a	a		b	a	a	a				2	year	b		b	b	c	Don't know	Don't know	a	a	a	Don't know	a	a	b
V-91	Kilimateno	d	a	d	a	a		c	a	a		b	a	a	a				4	year	b		b	b	c	Don't know	Don't know	a	a	a	Don't know	a	a	b
V-92	Oreirha	d	a	d	b	a		d	a	a		b	a	a	a				1	year	c		b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-93	Nananga	d	a	d	b	a		b	a	a		a	a	a	a				2	month	c		b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-94	Naroria	d	a	d	a	a		d	a	a		b	a	a	b								b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-95	Miserani	d	a	d	b	a		d	a	b		a	a	a	b								b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-96	Longido	c	a	d	b	a		d	a	a		b	a	a	a				2	year	c		b	b	c	Don't know	Don't know	a	a	a	Don't know	a	a	b
V-97	Egalki	c	a	d	a	a		d	a	c		b	a	b	b								b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-98	Sakata	d	a	d	b	a		c	a	a		b	a	a	a				4	year	c		b	a	a	Don't know	a	a	a	Don't know	a	a	b	
V-99	Kakesio	d	a	d	a	a		d	a	a		b	a	a	b								b	b	c	Don't know	Don't know	a	a	a	Don't know	a	a	b
V-100	Lemata	d	a	d	a	a		c	a	a		b	a	a	a				1	month	c		b	a	a	Don't know	a	a	a	Don't know	a	a	b	