

**The Project for Rural Water Supply (Phase III) in the Republic of The Gambia**  
Questionnaire for Sample Household Survey

Serial No. \_\_\_\_\_

Date of Interview \_\_\_\_/\_\_\_\_/2009  
(Day) (Month)

Name of Interviewer \_\_\_\_\_

SITE No. \_\_\_\_\_

Site Name \_\_\_\_\_

Name of Village \_\_\_\_\_ (Specify in case that the site consists of several villages.)

Name of District \_\_\_\_\_ Name of Region \_\_\_\_\_

## Section A. Personal Information of the Respondent

A-1. Name of Respondent	[ ]
A-2. Sex of Respondent	[1] Male [2] Female [ ]
A-3. Age of Respondent	[ ]years
A-4. Relationship of Respondent to the Household Head	[1] Household Head [ ] [2] Spouse [3] Father or Mother [4] Child [5] Brother or Sister [6] Others If the answer is "[5] Others", please specify. [ ]

## Section B. Information of the Household

B-1. Sex of Household Head	[1] Male [2] Female [ ]
B-2. Age of Household Head	[ ]years
B-3. Marital Status of Household Head	[1] Married (monogamous) [2] Married (polygamous) [3] Single/ never married [4] Widow/Widower [5] Divorced [6] Separated [ ]
B-4. How many people usually live in your household?	[1] Adult men (age 18 and above) [ ]persons [2] Adult women (age 18 and above) [ ]persons [3] Boy children (age 3-17) [ ]persons [4] Girl children (age 3-17) [ ]persons [5] Babies (boy) (under 3) [ ]persons [6] Babies (girl) (under 3) [ ]persons
B-5. How many people can read letter or newspaper without difficulty among the persons age 18 and over in your household?	[1] Men [ ]persons [2] Women [ ]persons
B-6. Are there other persons not living in your household for working away from home?	[1] Yes → B-7 [2] No → B-8 [ ]
B-7. How many persons are working away from home?	[ ]persons Please indicate "-1" if not applicable.
B-8. How many children are at school-age in your household?	[1] Boy [ ]persons [2] Girl [ ]persons
B-9. How many children are attending school among the ones stated in B-8?	[1] Boy [ ]persons [2] Girl [ ]persons If some children are out of school, → B-10 Please indicate "-1" if not applicable.

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B-10. What is the reason for children not attending school, if any?	<hr/> <hr/>
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Section C. Existing Water Source for the Household

C-1. Does your household have access to safe water source for drinking?	[1] Yes [2] No [ ]																												
C-2. What is the main water source for drinking and cooking for members of your household?	[1] Stream/River/Pond [ ] [2] Unprotected well without concrete lining nor cover [3] Rainwater collection If the answer is “[10] Others”, please specify. [4] Hand dug well with concrete lining, windlass, bucket, and cover [ ] [5] Hand dug well with hand pump [6] Borehole with hand pump [7] Public taps [8] Piped into yard [9] Piped into house [10] Others																												
C-3. Whose property is the main water source which your household usually uses?	[1] Own property [ ] [2] Community [3] Neighbour [4] Others If the answer is “[4] Others”, please specify. [ ]																												
C-4. What is your perception on the quality of water from the source selected in C-2?	[1] Good → C-6 [ ] [2] Acceptable → C-6 [3] Bad → C-5																												
C-5. If the answer to C-4 is “[3] Bad”, why do you think so?	[1] Water is salty [ ] [2] Water is muddy [3] Water is rusty [4] Others [-1] Not applicable If the answer is “[4] Others”, please specify.																												
C-6. What is your perception on quantity of water from the source selected in C-2?	[1] Sufficient throughout a year → C-9 [ ] [2] Seasonal → C-7 [3] Not sufficient throughout a year → C-9																												
C-7. If the answer to C-6 is [2] Seasonal, which month is the water available? (Multiple answer. Please tick the box.)	<table border="1" style="width: 100%; text-align: center;"> <tr> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td><td></td><td></td> </tr> <tr> <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> </td> </tr> </table> <p style="text-align: right;">Please indicate “-1” if not applicable.</p>	J	F	M	A	M	J	J	A	S	O	N	D																
J	F	M	A	M	J	J	A	S	O	N	D																		
C-8. If the answer to C-6 is [2] Seasonal, how does your household get drinking water during the period apart from the month(s) indicated in C-7?	<hr/> <hr/>																												
C-9. What time does your household fetch water normally from the main water source? (multiple answer)	[1] Before 6:00 [ ] [2] 6:00 – 9:00 [3] 9:00 – 12:00 [4] 12:00-15:00 [5] 15:00 – 18:00 [6] After 18:00																												

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C-10.	How long does it take to reach the main water source from your house?	[1] Less than 15 minutes [2] More than 15 min. and less than 30 min. [3] More than 30 min. and less than 60 min. [4] More than 60 minutes	[ ]
C-11.	How long do you have to queue up before you get your turn to fetch water?	[1] Less than 15 minutes [2] More than 15 min. and less than 30 min. [3] More than 30 min. and less than 60 min. [4] More than 60 minutes	[ ]
C-12.	Why do you prefer this main water source of drinking water?	[1] Distance [2] Time [3] Water quality [4] No better alternative [5] Financial [6] Others	[ ] If the answer is “[6] Others”, please specify. [ ]
C-13.	Do you fetch water for washing, gardening, or for livestock from the same source with drinking water stated in C-2?	[1] Yes → C-17 [2] No → C-14	[ ]
C-14.	If answer to C-13 is [2] No, what is the main source for <u>washing</u> ?	[1] Stream/River/Pond [2] Unprotected well without concrete lining nor cover [3] Rainwater collection [4] Hand dug well with concrete lining, windlass, bucket, and cover [5] Hand dug well with hand pump [6] Borehole with hand pump [7] Public taps [8] Piped into yard [9] Piped into house [10] Others [-1] Not applicable	[ ] If the answer is “[10] Others”, please specify. [ ]
C-15.	If answer to C-13 is [2] No, what is the main source for <u>gardening</u> ?	[1] Stream/River/Pond [2] Unprotected well without concrete lining nor cover [3] Rainwater collection [4] Hand dug well with concrete lining, windlass, bucket, and cover [5] Hand dug well with hand pump [6] Borehole with hand pump [7] Public taps [8] Piped into yard [9] Piped into house [10] Others [-1] Not applicable	[ ] If the answer is “[10] Others”, please specify. [ ]

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C-16. If answer to C-13 is [2] No, what is the main source of <u>drinking water for livestock</u> ?	[1] Stream/River/Pond [2] Un protected well without concrete lining nor cover [3] Rainwater collection [4] Hand dug well with concrete lining, windlass, bucket, and cover [5] Hand dug well with hand pump [6] Borehole with hand pump [7] Public taps [8] Piped into yard [9] Piped into house [10] Others [-1] Not applicable	[     ]  If answer is “[10] Others”, please specify.  [     ]
C-17. Does the water source for livestock have perennial water supply?	[1] Yes [2] No	[     ] [     ]
C-18. What kind of vessel does your household use to fetch and carry water?	[1] Container with a lid [2] Container without a lid [3] Bucket with a lid [4] Bucket without a lid [5] Wash basin [6] Others	[     ]  If the answer is “[6] Others”, Please specify.  [     ]
C-19. How much capacity in litre is the vessel to fetch and carry water?	_____ litre	<b>To the enumerator: ask the respondent to show you the vessel to check its capacity.</b>
C-20. How much water does your household consume per day on average?	[1] Drinking/ cooking -----[     ] containers/ buckets [2] Washing-----[     ] containers/ buckets [3] Gardening -----[     ] containers/ buckets [4] Bathing -----[     ] containers/ buckets	
C-21. Is the quantity of water enough for drinking and cooking purposes?	[1] Yes [2] No	[     ] [     ]
C-22. If you can get more water, would your household increase your water use?	[1] Yes → C-23 [2] No → C-24	[     ] [     ]
C-23. If yes to C-22, for which purposes would your household increase water use?  <i>(multiple answer)</i>	[1] Drinking/ cooking [2] Washing [3] Gardening [4] Bathing [5] Cattle watering [6] Others [-1] Not applicable	[     ]  If the answer is “[6] Others”, please specify.  [     ]
C-24. Who usually collect water in your household?  <i>(multiple answer)</i>	[1] Adult men [2] Adult women [3] Boy child [4] Girl child [5] Water vendors [6] Others	[     ]  If the answer is “[6] Others”, please specify.  [     ]
C-25. Could you briefly describe problems you and your household members are encountered related to present water supply condition?	_____ _____	

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#### Section D. Existing Sanitation Facilities and Hygiene Practices of the Household

D-1.	Which type of sanitation facility does your household have?	[1] Pit latrine → D-3 [2] Pit latrine with concrete slab (San Plat: Sanitary Platform) → D-3 [3] VIP latrine → D-3 [4] Pour flush latrine → D-3 [5] Flush to septic tank → D-3 [6] Nothing → D-2 [7] Others → D-3	[ ]    If the answer is “[7] Others”, please specify. [ ]
D-2.	If the answer to D-1 is [6] Nothing, where do you and your household members go to toilet?	[1] In yard [2] Bush [3] Neighbour’s latrine [4] Others [-1] Not applicable	[ ] If the answer is “[4] Others”, please specify. [ ]
D-3.	Where does your household dispose the rubbish?	[1] Buried in the yard [2] Burned [3] Collection point in the village/Compound [4] River [5] Others	[ ]  If the answer is “[5] Others”, please specify. [ ]
D-4	When do you and your household members normally practice h and washing? <i>(multiple answer)</i>	[1] Before start cooking [2] Before start eating [3] After going to the latrine [4] After working outside [5] After handling children’s faeces [6] Others	[ ]  If the answer is “[5] Others”, please specify. [ ]
D-5.	How is it done?	[1] In the basin [2] Outside the basin [3] Pour water from a cup [4] Others	[ ] If the answer is “[4] Others”, please specify. [ ]
D-6.	How does your household keep drinking water in your house?	[1] In a jar inside the house with a cover [2] In a jar inside the house without a cover [3] Others	[ ] If the answer is “[3] Others”, please specify. [ ]
D-7.	Is water treated before drinking in your household?	[1] Yes → D-8 [2] No → Section E	[ ]
D-8	If Yes to D-7, how is it treated?	[1] Filtering [2] Allowing it to settle [3] Putting chlorine [4] Boiling [5] Others [-1] Not applicable	[ ]  If the answer the is “[5] Others”, please specify. [ ]

#### Section E. Health Status of Members of Household

E-1.	What are the major diseases affecting members of your household? <i>(multiple answer)</i>	[1] Diarrhoea [2] Eye diseases [3] Skin diseases [4] Malaria [5] Respiratory Diseases [6] Others	[ ]  If the answer is “[6] Others”, please specify. [ ]
E-2.	During the past two weeks, did any member of your household have diarrhoea?	[1] Yes → E-3 [2] No → E-5 [3] Unknown → E-5	[ ]

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E-3.	If Yes to E-2, who had diarrhoea? (multiple answer)	[1] Adult men [ ] [2] Adult women [3] Children (age 3-17) [4] Baby (under 3) [-1] Not applicable	
E-4.	If Yes to E-2, how was it treated? (multiple answer)	[1] Give medicine [ ] [2] Give ORS [3] Give traditional herb [4] Take to PHC/clinic/ hospital [5] Take to traditional healer [6] Others [-1] Not applicable	If the answer is "[6] Others", please specify. [ ]
E-5.	Do you know any diseases which cause by drinking and using contaminated ( unsafe) water source? (multiple answer)	[1] Diarrhoea [2] Dysentery [3] Typhoid [4] Cholera [5] Bilharzias [6] Scabies [7] Others [8] Unknown	[ ] If the answer is "[7] Others", please specify. _____
E-6.	How would you protect yourself and your household members from getting these diseases?		
E-7.	Have you and/or your household members ever received a programme for hygiene promotion by any organisation?	[1] Yes → E-8 [ ] [2] No → E-10	
E-8.	If yes to E-7, where did you receive the programme? (multiple answer)	[1] At clinic/ hospital [ ] [2] From health worker [3] From radio [4] From TV [5] At school [6] From family member [7] At mosque/ church [8] Others [-1] Not applicable	If the answer is "[8] Others", please specify. [ ]
E-9.	If yes to E-7, what was the useful information for you and your household?		
E-10.	Could you briefly describe problems you and your household members are encountered in relation with health and hygiene?		

### Section F. Maintenance of Water and Sanitation Facilities

F-1.	Is your household supposed to pay for operation and maintenance cost of the water facility which your household uses for drinking water?	[1] Yes → F-2 [ ] [2] No → F-4 [3] Unknown → F-5	
F-2.	If yes to F-1, how much is your household supposed to pay? (please choose a mode of payment which is applicable.)	[1] D_____ per container [2] D_____ per household per month [3] D_____ per household per year [4] D_____ per other mode of payment (specify _____) [-1] Not applicable [-2] Don't know	

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F-3.	If yes to F-1, does your household actually pay for the cost?	[1] Yes [2] No [3] Unknown [-1] Not applicable	[            ] If the answer is “[2] No”, → F-4
F-4.	If no to F-3, what is the reason for your household not to pay for the cost?	<hr/> <hr/>	
F-5.	Is your household supposed to pay for drinking water for live stock (cattle) as well?	[1] Yes → F-6 [2] No → F-7 [3] Unknown → F-7	[            ]
F-6.	If yes to F-5, how much is your household supposed to pay?	[1] D _____ per head of livestock [2] D _____ per household per month [3] D _____ per household per year [4] D _____ per other mode of payment (specify _____) [-1] Not applicable [-2] Don't know	
F-7.	Who is usually maintaining water facility which your household uses for drinking water?	[1] Village Water Committee [2] Nobody [3] Others [4] Unknown	[            ] If the answer is “[3] Others”, please specify [            ]
F-8.	Who is responsible for repairs of the water facility when it breaks down?	[1] Village Water Committee [2] Area Council [3] Department of Water Resources [4] Nobody [5] Others [6] Unknown	[            ] If the answer is “[5] Others”, please specify [            ]
F-9.	Do you see a need for the present water supply conditions to get improved for domestic use?	[1] Yes → F-10 [2] No → Section G	[            ]
F-10	Which option is desirable for you if the present water supply conditions are improved to obtain domestic water?	[1] Rehabilitating existing borehole/ shallow well with handpump [2] Rehabilitating existing piped scheme with communal taps [3] Constructing communal borehole with handpump [4] Constructing communal borehole with motor pump (supply at the water source) [5] Constructing piped scheme with communal taps [6] Others [-1] Not applicable	[            ] If the answer is “[4] Others”, please specify [            ]
F-11.	If yes to F-9, who do you think should be primarily responsible for operation and maintenance of the water facility you selected?	[1] Village Water Committee [2] Area Council [3] Department of Water Resources [4] Private company contracted by the community [5] Others [-1] Not applicable	[            ] If the answer is “[5] Others”, please specify [            ]
F-12.	If yes to F-9, would your household be willing to pay for user fee for the improved water facility?	[1] Yes → F-13 [2] No → Section G [-1] Not applicable	[            ]
F-13.	If Yes to F-12, how much could your household pay for user fee <b>for a borehole with handpump</b> ?	[1] D _____ per container [2] D _____ per household per month [3] D _____ per household per year	

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	[4] D _____ per other mode of payment (specify _____) [-1] Not applicable [-2] Don't know <i>(Please choose a mode of payment which the household prefer to.)</i>
F-14. If Yes to F-12, how much could your household pay for user fee <b>for a water scheme with motor pump which supplies water at the borehole (no extension of distribution pipes in the village)?</b>	[1] D _____ per container [2] D _____ per household per month [3] D _____ per household per year [4] D _____ per other mode of payment (specify _____) [-1] Not applicable [-2] Don't know <i>(Please choose a mode of payment which the household prefer to.)</i>
F-15. If Yes to F-12, how much could your household pay for user fee <b>for a piped water scheme with motor pump which supplies water from public taps locate in the village?</b>	[1] D _____ per container [2] D _____ per household per month [3] D _____ per household per year [4] D _____ per other mode of payment (specify _____) [-1] Not applicable [-2] Don't know <i>(Please choose a mode of payment which the household prefer to.)</i>

**Section G. Economic Status of the Household**

G-1. What are the main income sources of your household which bring cash income? Please indicate average amount of income per month. <i>(multiple answer)</i>	[1] Farming D _____ [2] Trading D _____ [3] Salary from employer D _____ [4] Pension D _____ [5] Remittance from family working elsewhere D _____ [6] Others 1 (Specify _____) D _____ [7] Others 2 (Specify _____) D _____																												
G-2. When can you get cash income in a year? <i>(Multiple answer. Please tick in the box)</i>	<table border="1"> <tr> <td>J</td><td>F</td><td>M</td><td>A</td><td>M</td><td>J</td><td>J</td><td>A</td><td>S</td><td>O</td><td>N</td><td>D</td><td></td><td></td> </tr> <tr> <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></td> </tr> </table>	J	F	M	A	M	J	J	A	S	O	N	D																
J	F	M	A	M	J	J	A	S	O	N	D																		
G-3. How do you earn a living during the period a part from the month(s) indicated in G-2?	_____																												
G-4. What is the most costly thing in your household expenses in a month? Please indicate five items from the most costly one.	1. _____ D _____ 2. _____ D _____ 3. _____ D _____ 4. _____ D _____ 5. _____ D _____																												
G-5. Does your household keep any savings or cash?	[1] Yes → G-6 [ ] [2] No → G-7 [ ]																												
G-6. Where does your household keep savings or cash?	[1] Bank [ ] [2] Co-op [ ] [3] Household [ ] [4] Others [ ] [-1] Not applicable [ ] If the answer is [5] Others, please specify [ ]																												
G-7. How many livestock does your household own?	[1] Cattle for farming [ ] [2] Cattle for breeding [ ] [3] Donkey [ ] [4] Horse [ ] [5] Goat [ ] [6] Sheep [ ] [7] Others [ ]																												
G-8. How many members in your household earn a living?	[1] Adult men [ ] [2] Adult women [ ] [3] Boy child [ ] [4] Girl child [ ]																												



7-3 環境影響評估證書