**Supplementary Material: Household questionnaire**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. **HOUSEHOLD CHARACTERISTICS** | | | | |
| **Questions** | | **Possible Answers** | **Response (X)** | |
| What is the total number of people in your household? | | Number People |  | |
| Please indicate which of the following categories apply to the number of completed years of those who live in the household?  People aged.... | | Under 12 years |  | |
| 12-17 years |  | |
| 18-24 |  | |
| 25-34 |  | |
| 35-44 |  | |
| 45-54 |  | |
| 55-64 |  | |
| 65-74 |  | |
| Over 75 years |  | |
| What is the total number of Men in the household? | | Men - (18+ yrs) |  | |
| What is the total number of Women in the household? | | Women - (18+yrs) |  | |
| What is the total number of Boys in the household? | | Boys - (0-17yrs) |  | |
| What is the total number of Girls in the household? | | Girls - (0-17 yrs) |  | |
| Does your Household own or rent this home/land? | | Own (land and house) |  | |
| Rent (house) |  | |
| Land rented but own house |  | |
| Rent free |  | |
| Other (Specify): | | |
| What is the household dwelling type?  *Record observation from outside the dwelling* | | Separate |  | |
| Apartment |  | |
| Joint/Barrack House |  | |
| Other |  | |
| What is the household construction type?  *Record observation from outside the dwelling* | | Kucha |  | |
| Semi-pucca |  | |
| Pucca |  | |
| Other (Specify): | | |
| What are the total number of rooms in your household? | | Number of Rooms |  | |
| How many rooms are rooms used for sleeping? | | Number of Rooms |  | |
| 1. **GREYWATER** | | | | |
| What is the main source of water used by members of your household for cooking, laundry, and personal hygiene? | Piped - Into Dwelling | |  | |
| Piped – Into Compound/Yard/Plot | |  | |
| Piped - To a Neighbour | |  | |
| Public Tap/Standpipe | |  | |
|  | | | |
| Borehole or Tube Well | |  | |
|  | | | |
| Dug Well - Protected | |  | |
| Dug Well - Unprotected | |  | |
|  | | | |
| Spring - Protected | |  | |
| Spring - Unprotected | |  | |
|  | | | |
| Rainwater Collection | |  | |
|  | | | |
| Delivered Water -Truck | |  | |
| Delivered Water - Cart | |  | |
| Water Kiosk | |  | |
|  | | | |
| Packaged Water - Bottled | |  | |
| Packaged Water - Sachet | |  | |
|  | | | |
| Surface Water (River, Stream, Dam, Lake, Pond, Canal, Irrigation Channel) | |  | |
|  | | | |
| Other (specify): | | | |
| Does this domestic water source vary by season? | Yes | |  | |
| No | |  | |
| Don’t Know | |  | |
| Other (Specify): | | | |
| *If yes, where else do you collect water from for domestic activities?* |  | | Wet | Dry |
| Piped - Into Dwelling | |  |  |
| Piped – Into Compound/Yard/Plot | |  |  |
| Piped - To a Neighbour | |  |  |
| Public Tap/Standpipe | |  |  |
|  | |  |  |
| Borehole or Tube Well | |  |  |
|  | |  |  |
| Dug Well - Protected | |  |  |
| Dug Well - Unprotected | |  |  |
|  | |  |  |
| Rainwater Collection | |  |  |
|  | |  |  |
| Delivered Water -Truck | |  |  |
| Delivered Water - Cart | |  |  |
| Water Kiosk | |  |  |
|  | |  |  |
| Packaged Water - Bottled | |  |  |
| Packaged Water - Sachet | |  |  |
|  | |  |  |
| Surface Water (River, Stream, Dam, Lake, Pond, Canal, Irrigation Channel) | |  |  |
|  | |  |  |
| Other (specify): | |  |  |

|  |  |  |
| --- | --- | --- |
| Does the source of water vary depending on activity? | Yes |  |
| No |  |
| Don't Know |  |
| Other (Specify): | |
| Where is your main domestic water source located? | In own dwelling |  |
| In own yard/plot |  |
| Don't Know |  |
| Other (Specify): | |
| In the last month, has there been any time when your household did not have enough water for domestic activities? | Yes, at least once |  |
| No, always sufficient |  |
| Don't know |  |
| Does your household store water for domestic activities in containers?  *Is it possible for you to show me?* | Roof Tank – Covered |  |
| Roof Tank - Uncovered |  |
| Water not stored in containers |  |
| Water stored in covered containers |  |
| Water stored in uncovered containers |  |
| Other (Specify): | |
| *How many containers do you use for storage for domestic activities?* | Number of Containers |  |
| *What is the approximate volume per container? – in litres* | Approximate volume per container |  |
| *How many times per day do you refill the container?* | Number of times refilled per day |  |
| Does your household store any dirty water from domestic activities for other purposes? | No, Water not stored in containers |  |
| Yes, Water stored in covered containers |  |
| Yes, Water stored in uncovered containers |  |
|  | | |
| *If yes, what activities is the dirty water used for?* | Reported Activities (Specify): | |
| *How many containers do you use?* | Number of Containers |  |
| *What is the approximate volume per container? – in litres* | Volume per container |  |
| Where is the cooking usually done by the household? | In the Main House – No Separate Room |  |
| In the Main House – Separate Room |  |
| In a Separate Building |  |
| Outdoors - Open Area |  |
| Outdoors - Veranda or Covered Area |  |
| Other (Specify): | |
| How many times per daydoes the household normally generate dirty water from cooking activities? \*No washing dishes, just cooking**\*** | Number of times/day |  |
| How do you dispose of any dirty water generated during cooking?  *Is it possible for you to show me?* | Sink/drain connected to sewer |  |
| Sink/drain connected to septic tank |  |
| Sink/drain connected to pit |  |
| Sink/drain connected to soak pit |  |
| Sink/drain connected to open drain |  |
| Disposed directly to open ground |  |
| Disposed directly to open drain |  |
| Disposed directly to water body |  |
| N/A - as cooking, laundry and bathing activities are done away from the household |  |
| Don't know |  |
| Other (specify): | |
| Where does the household wash/clean kitchen items, such as dishes, utensils, pots & pans etc? | In the Main House – No Separate Room |  |
| In the Main House – Separate Room |  |
| In a Separate Building |  |
| Outdoors - Open Area |  |
| Outdoors - Veranda or Covered Area |  |
| Other (Specify): | |
| How many times per day do you wash kitchen items? | Number of times/day |  |
| How much water do you use for washing kitchen items? | | |
| *Record the approximate volume in litres* | Volume per day  \*Specify if total daily volume or if per person\* |  |
| What products do you use in your household for washing/cleaning kitchen items? … | | |
| *Are they any of the following?* | No Products |  |
| Bar or Liquid Soap |  |
| Detergent – Powder |  |
| Detergent – Liquid |  |
| Detergent – Paste |  |
| Ash/Mud/Sand |  |
| Other (Specify): | |
| *What are the products? Is it possible for you to show me? Take photos/make notes…* | | |
| How do you dispose of any dirty water generated from washing/cleaning kitchen items? | Sink/drain connected to sewer |  |
| Sink/drain connected to septic tank |  |
| Sink/drain connected to pit |  |
| Sink/drain connected to soak pit |  |
| Sink/drain connected to open drain |  |
| Disposed directly to open ground |  |
| Disposed directly to open drain |  |
| Disposed directly to water body |  |
| N/A - as cooking, laundry and bathing activities are done away from the household |  |
| Don't know |  |
| Other (specify): | |
| Where do members of your household shower or bathe? | In the Main House – No Separate Room |  |
| In the Main House – Separate Room |  |
| In a Separate Building |  |
| Outdoors - Open Area |  |
| Outdoors - Veranda or Covered Area |  |
| Other (Specify): | |
| How many times per day do the members in your household shower/bathe? | Number of times/day |  |
| How much water do you use for showering and bathing? | | |
| *Record the approximate volume– in litres* | Volume per day  \*Specify if total daily volume or if per person\* |  |
| What products do you use in your household for showering or bathing? – e.g., Soaps, Shampoo etc. | | |
| *What are the products? Is it possible for you to show me? Take photos/make notes…* | | |
| How do you dispose of any dirty water generated from showering or bathing?  *Is it possible for you to show me?* | Sink/drain connected to sewer |  |
| Sink/drain connected to septic tank |  |
| Sink/drain connected to pit |  |
| Sink/drain connected to soak pit |  |
| Sink/drain connected to open drain |  |
| Disposed directly to open ground |  |
| Disposed directly to open drain |  |
| Disposed directly to water body |  |
| N/A - as cooking, laundry and bathing activities are done away from the household |  |
| Don't know |  |
| Other (specify): | |
| How many times per day/week does the household generate dirty water from cleaning activities? e.g., mopping, wiping surfaces, cleaning the toilet etc. | Number of times per day or week  \*Clearly stipulate if by day or week\* |  |
| How much water do you use for cleaning? | | |
| *Record the approximate volume– in litres* | Volume for cleaning  \*Specify if per day or week\* |  |
| What products do you use in your household during cleaning activities? Do you use soap or detergents? | | |
| *Are they any of the following?* | No Products |  |
| Bar or Liquid Soap |  |
| Detergent- Powder |  |
| Detergent – Liquid |  |
| Detergent - Paste |  |
| Ash/Mud/Sand |  |
| Other (Specify): | |
| *What are the products? Is it possible for you to show me? Take photos/make notes….* | | |
| How do you dispose of any dirty water generated from cleaning the house?  *Is it possible for you to show me?* | Sink/drain connected to sewer |  |
| Sink/drain connected to septic tank |  |
| Sink/drain connected to pit |  |
| Sink/drain connected to soak pit |  |
| Sink/drain connected to open drain |  |
| Disposed directly to open ground |  |
| Disposed directly to open drain |  |
| Disposed directly to water body |  |
| N/A - as cooking, laundry and bathing activities are done away from the household |  |
| Don't know |  |
| Other (specify): | |
| Where is the laundry usually done by the household? | In the Main House – No Separate Room |  |
| In the Main House – Separate Room |  |
| In a Separate Building |  |
| Outdoors - Open Area |  |
| Outdoors - Veranda or Covered Area |  |
| Other (Specify): |  |
| How many times per day does the household generate dirty water from laundry activities? | Number of times per day or week:  \*Clearly stipulate if by day or week\* |  |
| How much water do you use when doing laundry? | | |
| *Record the approximate volume – in litres* | Volume for cleaning  \*Specify if per day or week\* |  |
| Do you use any products for laundry activities? E.g., soaps or detergents? | | |
| *Are they any of the following?* | No Products |  |
| Bar or Liquid Soap |  |
| Detergent- Powder |  |
| Detergent – Liquid |  |
| Detergent - Paste |  |
| Ash/Mud/Sand |  |
| Other (Specify): |  |
| *What are the products? Is it possible for you to show me? Take photos/make notes* | | |
| How do you dispose of any dirty water generated doing the laundry?  *Is it possible for you to show me?* | Sink/drain connected to sewer |  |
| Sink/drain connected to septic tank |  |
| Sink/drain connected to pit |  |
| Sink/drain connected to soak pit |  |
| Sink/drain connected to open drain |  |
| Disposed directly to open ground |  |
| Disposed directly to open drain |  |
| Disposed directly to water body |  |
| N/A - as cooking, laundry and bathing activities are done away from the household |  |
| Don't know |  |
| Unable to observe |  |
| Other (specify): | |
| Are there any other household activities we have not mentioned that generate dirty water? | Yes |  |
| No…. move to Section 3. Sanitation. |  |
| If yes, what are they? | Reported Activities (Specify): | |
| How often do you do these activities and what are the approximate quantities? | | |
| *How frequently do you do each of these activities?* | Specify if per day, per week, per person etc. |  |
| *How much water do you use for each activity?* | Volume of water in Litres |  |
| Are there any additional products you use in your household for domestic activities that we have not mentioned?  *What are the products? Is it possible for you to show me? Take photos/make notes…* | No, not shown |  |
| Bar or Liquid Soap |  |
| Detergent- Powder |  |
| Detergent – Liquid |  |
| Detergent - Paste |  |
| Ash/Mud/Sand |  |
| Other (Specify): | |
| Where do you dispose of the dirty water? | Sink/drain connected to sewer |  |
| Sink/drain connected to septic tank |  |
| Sink/drain connected to pit |  |
| Sink/drain connected to soak pit |  |
| Sink/drain connected to open drain |  |
| Disposed directly to open ground |  |
| Disposed directly to open drain |  |
| Disposed directly to water body |  |
| N/A - as cooking, laundry and bathing activities are done away from the household |  |
| Don't know |  |
| Unable to observe |  |
| Other (specify): |  |
|  |  |  |

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| 1. **SANITATION** | | | |
| What kind of toilet facility do members of your household usually use?  *Is it possible for you to show me?* | | Flush/Pour Flush to Piped Sewer System |  |
| Flush/Pour Flush to Septic Tank |  |
| Flush/Pour Flush to Pit Latrine |  |
| Flush/Pour Flush to Open Drain |  |
| Flush to don't know where |  |
|  |  |
| Dry Pit Latrine - with slab |  |
| Dry Pit Latrine - no slab/open pit |  |
|  |  |
| Composting Toilet - Twin Pit with Slab |  |
| Composting Toilet - Twin pit no slab |  |
| Compositing Toilet – Other |  |
|  |  |
| Bucket |  |
| Container Based Sanitation |  |
| Hanging Toilet/Hanging Latrine |  |
|  |  |
| No Facility/Bush/Field |  |
| Other (specify): | |
| *\*If households use a pour-flush system,*  *Ask…*  *What is the source of the water used to ‘flush’ the toilet?* | | N/A |  |
| Piped - Into Dwelling |  |
| Piped – Into Compound/Yard/Plot |  |
| Piped - To a Neighbour |  |
| Public Tap/Standpipe |  |
|  |  |
| Borehole or Tube Well |  |
|  |  |
| Dug Well - Protected |  |
| Dug Well - Unprotected |  |
|  |  |
| Spring - Protected |  |
| Spring - Unprotected |  |
|  |  |
| Rainwater Collection |  |
|  |  |
| Delivered Water -Truck |  |
| Delivered Water - Cart |  |
| Water Kiosk |  |
|  |  |
| Packaged Water - Bottled |  |
| Packaged Water - Sachet |  |
|  |  |
| Surface Water (River, Stream, Dam, Lake, Pond, Canal, Irrigation Channel) |  |
| Other (specify): | |
| *\*If pour/flush… Ask -*  *How much water do you use for the toilet?*  *Record the volume in litres.* | | Volume of water for flushing  \*Specify if per day or per person, or per toilet use\* |  |
| \*If household latrine discharges to a septic tank, Ask… Where does your septic tank discharge to? | | N/A |  |
| To a leach field/soak pit |  |
| To a sewer |  |
| To an open drain |  |
| To open ground |  |
| To water body |  |
| Don’t know |  |
| Other (Specify): | |
| Where is the toilet facility located?  *Is it possible for you to show me?* | | In own dwelling |  |
| In own yard/plot |  |
| Elsewhere |  |
| Do you share the facility with others who are not members of your household? | | Yes |  |
| No |  |
| *\*If yes to using a Shared Toilet, Ask…*  *How many households share the toilet?* | | Number of households |  |
| Don’t know |  |
| 1. **DRINKING WATER** | | | |
| What is the main source of drinking water for members of your household? Is it the same as the water source for domestic activities? | | Yes, it is the same |  |
| No, it is different… |  |
| \*If the household drinking water source is different to the domestic water source, what is it? | | N/A |  |
| Piped - Into Dwelling |  |
| Piped – Into Compound/Yard/Plot |  |
| Piped - To a Neighbour |  |
| Public Tap/Standpipe |  |
|  |  |
| Borehole or Tube Well |  |
|  |  |
| Dug Well - Protected |  |
| Dug Well - Unprotected |  |
|  |  |
| Spring - Protected |  |
| Spring - Unprotected |  |
|  |  |
| Rainwater Collection |  |
|  |  |
| Delivered Water -Truck |  |
| Delivered Water - Cart |  |
| Water Kiosk |  |
|  |  |
| Packaged Water - Bottled |  |
| Packaged Water - Sachet |  |
|  |  |
| Surface Water (River, Stream, Dam, Lake, Pond, Canal, Irrigation Channel) |  |
| Other (Specify): | |
| In the household do you do anything to the water to make it safer to drink? | | Yes – Boil |  |
| Yes – Add bleach/chlorine |  |
| Yes – Strain it through a cloth |  |
| Yes – Use water filter |  |
| Yes – Solar disinfection |  |
| Let it stand and settle |  |
|  |  |
| No |  |
| Don’t Know |  |
| Other (Specify) | |
| Is the drinking water supplied from your main source usually acceptable to you? | | Yes – Acceptable |  |
| No – Unacceptable Taste |  |
| No – Unacceptable Colour |  |
| No – Unacceptable Smell |  |
| No – Contains Materials |  |
| Don’t Know |  |
| Other (Specify): | |
| 1. **HANDWASHING** | | | |
| Where do members of your household most often wash their hands?  *Is it possible for you to show me?* | Fixed tap/sink – In Dwelling | |  |
| Fixed tap/sink – In Plot | |  |
| Mobile object reported.  (Bucket, Kettle, Jug) | |  |
| No handwashing place in dwelling/yard/plot | |  |
| Other (Specify): | | |
| Do you use any soap or other materials for handwashing? | Yes | |  |
| No, no materials | |  |
| *If yes, are they any of the following?* | Bar or Liquid Soap | |  |
| Other (Specify): | | |