**BASELINE: Water Point Data Collection Tool**

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| **Data collected from all water points will be uploaded through CommCare, with the date and time data collected, and the GPS location of the water source. These should be auto populated through CommCare.** |

**Instructions to enumerator:**   
 *Provide background to the project:   
  
“The International Rescue Committee (IRC) is running a project to help communities in Nigeria, Chad, and Somalia get safer drinking water. We do this by placing small in-line chlorination (ILC) devices on community water points. These devices add the right amount of chlorine to make water safer to drink and to help prevent water-related illnesses.*

*As part of this project, IRC teams check the water quality every day and follow the costs of the system to make sure it is working well and remains affordable. We also collect feedback from community members so we can keep improving the service.*

*Your participation—such as answering a few survey questions or letting us test your water —helps us understand how well the system works and how to make it better for everyone. Thank you for supporting efforts to keep your community’s water clean and safe.”*  
*Then ask the water point attendant/manager/head of the water user committee if you can see the improved water source for the community and ask a few questions about the water source and water availability.*

**WATER SOURCE INFORMATION**

* **Location (select from drop down menu, pre-populated)**
* **What is the name of the water point?** (free text)

***Instructions to enumerator:*** *Generate a random number with a specific format* (GW + 3 letters of country + WP + 4 digits eg. GW-TCD-WP-0001) *+ Label  
  
\*\*Make sure to write down this number with the associated water point name\*\**

* **Does the water source have a records booklet?** 
  + Yes
  + No
  + Don’t know
* **Do you know the year the water source was constructed?** 
  + Yes
  + No (skip to Estimated age question)
  + Don’t know/ no records (skip to Estimated age question)
* **Year the water source was constructed (all responses skip to Number of reservoir questions)**
* Between 2025 and 2020
* Between 2019 and 2015
* Between 2014 and 2010
* Between 2009 and 2005
* Before 2005
* **Estimated age of the water source (select one)**
  + Built within the last year
  + Built within two years
  + Built within the last five years
  + Built within the last 10 years
  + Built within the last 20 years
  + Built more than 20 years ago
  + Don’t know
* **How many reservoirs does this water system have?** (Answer decimals from 1 to 20)
* **For each reservoir, please indicate the type of material and size.**

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| **A) Type of material (Plastic, Metal, Concrete)** | **B) Size in m3 (decimals from 0.50 to 100)** |
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* **Approximate the number of households using this water source.**
* **What is the MAIN source of power for the motorized pump?** (multiple options can be selected)
  + Fuel
  + Solar
  + Electricity
  + Wind
* **Is there a back-up power supply for the motorized pump?** 
  + Yes
  + No (skip to Materials between pump and reservoir question)
  + Unsure (skip to Materials between pump and reservoir question)
* **What is the back-up power supply for the motorized pump?** 
  + Standby Fuel Generator for solar systems (skip to Materials pump/reservoir question)
  + Energy storage batteries for solar systems (skip to Materials pump/reservoir question)
  + Second standby fuel generator for electricity or fuel systems (skip to Materials pump/reservoir question)
  + Other
* **If “Other” back-up power supply, what is it?**
* **What kinds of material make up the pipes between the pump and the reservoir?** 
  + Plastic
  + Metal
  + Mixed metal and plastic
  + Don’t know
* **What kinds of material make up the pipes between the reservoir and the distribution taps?**
  + PVC (plastic)
  + Metal
  + Mixed metal and plastic
  + I don’t know
* **How many water distribution taps exist for this water point/system?** (number 000 format)
* **Is the inlet to the tank at the top or bottom of the tank?**
  + Top
  + Bottom
  + I don’t know
* **Who manages this water source?** 
  + Community (skip to Satisfaction with management question)
  + Private individual (skip to Satisfaction with management question)
  + NGO (skip to Satisfaction with management question)
  + Government (skip to Satisfaction with management question)
  + Other
* **If “Other” person who manages the water source, please specify.**
* **How satisfied are YOU with the management of the water source?** 
  + Very dissatisfied
  + Dissatisfied
  + Satisfied
  + Very Satisfied
* **Do users pay for water from this source?** 
  + Yes
  + No (skip to Unable to supply question)
* **What currency are you using?**
* **How much do people pay per liter of water?**

**SYSTEM FUNCTIONALITY**

* **In the last 1 year, has the water source been unable to supply water?** 
  + Yes
  + No (skip to Alternative water source question)
  + Don’t know (skip to Alternative water source question)
* **The last time the water source was unable to supply water, what was the reason?** (multiple options can be selected)
  + Water source issues (skip to 2-days+ interruption question)
  + Energy supply issues (skip to 2-days+ interruption question)
  + Infrastructure & equipment damage (skip to 2-days+ interruption question)
  + Other
* **If “Other” reason the water source was unable to supply water, please specify.**
* **In the last one year, how often was this water source not able to provide water for more than two consecutive days?** 
  + None
  + 1-4 times
  + 5-9 times
  + More than 10 times
  + Don’t know
* **What alternative water source was used by community members, the last time the MAIN water source was unable to supply water?** (multiple options can be selected)
  + Piped water
    - Piped into dwelling
    - Piped into compound, yard or plot
    - Piped to neighbor
    - Public tap/ standpipe
    - Water source or tubewell
  + Dug well
    - Protected well
    - Unprotected well
  + Water from spring
    - Protected spring
    - Unprotected spring
  + Rainwater collection
  + Delivered water
    - Tanker-truck
    - Cart with small tank/ drum
  + Water Kiosk
  + Packaged water
    - Bottled water
    - Sachet water
  + Surface water (river, stream, dam, lake, pond, canal, irrigation channel)
  + Other
* **If “Other” source type, please specify.**
* **Is the water currently flowing from the source?** 
  + Yes, water flowing/available at time of visit (skip to Weather conditions question)
  + No, water not flowing (dry/non-functional)
  + Intermittent flow (not reliable)
* **If no or intermittent, describe WHY?**

**WATER FLOW**

* **What are the current weather conditions?** 
  + Heavy rain
  + Rain
  + Dry
* **How many minutes does it take to fill a 20L jerrycan from this water source?** ***Instructions to enumerator****: Use a stopwatch to measure actual filling time.*
* **What are the maximum daily pumping hours?** 
  + < 4 hours/day
  + 4–8 hours/day
  + 8–16 hours/day
  + > 16 hours/day
  + Continuous 24-hour supply
  + Don’t know/ no records
* **Yesterday, do you know how many times the water source reservoir filled up?** 
  + Yes
  + No (skip to Water treatment question)
  + Don’t know/ no records (skip to Water treatment question)
* **How many times per day did the reservoir fill up?**

**WATER TREATMENT**

* **Is there any water treatment at the water source?** 
  + Yes
  + No (skip to Water testing question)
* **What type of treatment is provided at the water source?** 
  + Chlorination with In-Line Chlorinator (ILC)
  + Manual Chlorination at the reservoir
  + Manual bucket chlorination at the water tap
  + No chlorination
* **If other treatment provided at the water source, please specify.**

**WATER TESTING**

***Instructions to enumerator:*** *Explain to the water point attendant/manager/head of the water user committee that you now want to take a water sample to test.   
  
\*\*Before taking the sample, write the Water Point ID # on the sampling bottle.*

* **Was a water sample taken for testing**?
  + Yes
  + No
* **Where were the water samples collected?**
* Between the pump and the reservoir
* In the water tank/reservoir
* Between the reservoir and the distribution taps
* At the distribution tap

**SANITARY INSPECTION OF THE WATER SOURCE**

* **Is the water source cap missing or in poor condition?** 
  + Yes
  + No
* **Is the water source in a location where fuel or oil could enter it?** 
  + Yes
  + No
* **Does the floor around the water source allow water to pass through it?** 
  + Yes
  + No
* **Is drainage inadequate, which could allow water to accumulate in the water source area?** 
  + Yes
  + No
* **Are the water source and pump adequately covered?** 
  + Yes
  + No
* **Is the fence or barrier around the water source and pump missing or inadequate?** 
  + Yes
  + No
* **Are there toilets/ latrines within 100 meters of the water source?** 
  + Yes
  + No
* **Can other sources of pollution be seen within 50 meters of the water source?** *(e.g. open defecation, animals, open drains, rubbish, commercial/ industrial activity, fuel storage/ disposal)*
  + Yes
  + No
* **Is there any unprotected entry points to the aquifer within 100 meters of the water source?** 
  + Yes
  + No

**END OF WATER POINT SURVEY**