



HOUSEHOLD WATER QUALITY QUESTIONNAIRE
Multiple Indicator Cluster Survey, Nigeria 2016

HOUSEHOLD INFORMATION PANEL		HH
<i>This questionnaire form is to be used for households that have been selected for water quality testing.</i>		
HH1. Cluster number: _____	HH2. Household number: _____	
HH3. Interviewer's name and number: Name _____	HH4. Supervisor's name and number: Name _____	
HH5. Day / Month / Year of interview: _____/_____/ 2 0 16	HH6. Area: Urban..... 1 Rural 2	
HH7. State name: _____ Code _____	<i>Refer to the sampling table provided for water quality testing to answer question WQ1.</i> WQ1. Is the household selected for blank testing? Yes 1 No 2	
HH8a. Name of Head of Household _____ Tel.: _____	WS1. <i>Check and record response given in WS1 of the Household questionnaire</i> _____ Main source of drinking water for household	
AS PART OF THE SURVEY WE ARE ALSO LOOKING AT THE QUALITY OF HOUSEHOLD DRINKING WATER. YOUR HOUSEHOLD HAS BEEN RANDOMLY SELECTED FOR THIS PART OF THE SURVEY AND WE WOULD LIKE TO PERFORM A SIMPLE WATER QUALITY TEST USING SAMPLES OF YOUR USUAL DRINKING WATER. THE INTERVIEW WILL TAKE ABOUT 10 MINUTES. MAY I START NOW? <input type="checkbox"/> <i>Yes, permission is given ⇒ Go to WQ3.</i> <input type="checkbox"/> <i>NO, PERMISSION IS NOT GIVEN ⇒ CIRCLE 02 IN WQ2. THE MODULE IS COMPLETE. DISCUSS THIS RESULT WITH YOUR SUPERVISOR.</i>		
WQ2 Result of water quality testing	Completed 01 Refused 02 Partly completed 03 Other (specify) 96	

WATER QUALITY TESTING		WQ
<p>WQ3. WE WOULD LIKE TO TEST YOUR DRINKING WATER. COULD YOU PLEASE PROVIDE ME WITH A GLASS OF WATER THAT YOU WOULD GIVE TO A CHILD TO DRINK?</p>	Yes 1 No2	2 ⇒ WQ9
<p>WQ4. HAVE YOU DONE ANYTHING TO THE WATER TO MAKE IT SAFER TO DRINK?</p>	Yes 1 No2 Don't Know 8	2 ⇒ WQ6 8 ⇒ WQ6
<p>WQ5. WHAT HAVE YOU DONE TO THE WATER TO MAKE IT SAFER TO DRINK?</p>	Boil.....A Add bleach / chlorine / Water Guard.....B Strain it through a clothC Use water filter (ceramic, sand, composite, etc.).....D Solar disinfection.....E Let it stand and settleF Add alum.....G Add water tablet/liquid.....H Other (<i>specify</i>).....X DK.....Z	
<p>WQ6. <i>Perform household water test</i></p> <p><i>Using the water from the glass of drinking water provided by the respondent conduct water quality test. Label H-XXXX-YY, where XXXX is the cluster number and YY is the household number. Record whether test was conducted.</i></p>	Household water test conducted 1 Household water test not conducted 2	
<p>WQ8. EARLIER, YOU TOLD US THE MAIN SOURCE OF DRINKING WATER FOR MEMBERS FOR YOUR HOUSEHOLD WAS _____. IS THIS GLASS OF WATER FROM THAT SOURCE?</p> <p><i>Refer to the answer provided for Question WS1</i></p>	Yes 1 No2	2 ⇒ WQ10
<p>WQ9. CAN YOU PLEASE SHOW ME YOUR MAIN SOURCE OF DRINKING WATER SO THAT I CAN TAKE A WATER SAMPLE FROM THAT PLACE?</p> <p><i>If 'no' probe to find out why this is not possible? Thank the respondent. The module is complete.</i></p>	Yes 1 No Water source was not functional..... 2 Water source too far..... 3 Unable to access source 4 Do not know where source is located 5 Other reason (<i>specify</i>) 6	1 ⇒ WGP0 2-6 ⇒ NEXT MODULE

<p>WQ10. FROM WHICH SOURCE WAS THE WATER YOU PROVIDED IN THIS GLASS COLLECTED?</p>	<p>Piped water Piped into dwelling 11 Piped into compound, yard or plot 12 Piped to neighbor 13 Public tap / standpipe 14 Tube Well, Borehole..... 21 Dug well Protected well..... 31 Unprotected well..... 32 Water from spring Protected spring 41 Unprotected spring 42 Rainwater collection 51 Tanker-truck..... 61 Cart with small tank / drum 71 Surface water (river, stream, dam, lake, pond, canal, irrigation channel)..... 81 Bottled water 91 Sachet (pure) water..... 92 Other (<i>specify</i>) _____ 96</p>	
<p>WQ11. CAN YOU PLEASE SHOW ME THE SOURCE OF THE GLASS OF DRINKING WATER SO THAT I CAN TAKE A WATER SAMPLE FROM THAT PLACE?</p> <p><i>If 'no' probe to find out why this is not possible? Thank the respondent. The module is complete.</i></p>	<p>Yes 1 No Water source was not functional..... 2 Water source too far..... 3 Unable to access source 4 Do not know where source is located 5 Other reason (<i>specify</i>) _____ 6</p>	<p>1 ⇒ WGP0 } 2-6 ⇒ WQ13</p>
<p>WGP0 Ensure that the below position checklist is followed before recording reading (WGP1-WGP2) to the form:</p> <p><input type="checkbox"/> Checked estimated accuracy of reading to at least ± 5 meters</p> <p><input type="checkbox"/> Reading made at the water source</p>		
<p>WATER SOURCE GPS LOCATION:</p>	<p>Degrees Decimal degrees</p>	
<p>WGP1. LATITUDE:</p>	<p>_____ . _____</p>	
<p>WGP2. LONGITUDE:</p>	<p>_____ . _____</p>	
<p>WQ12. Perform source water test</p> <p><i>Using a sample of water taken at the source conduct water quality test. Label S-XXXX-YY, where XXXX is the cluster number and YY is the household number. Record whether test was conducted.</i></p>	<p>Source water test conducted 1 Source water test not conducted 2</p>	
<p>WQ13. Check WQ1</p> <p><input type="checkbox"/> Household was selected for blank water testing ⇒ WQ14</p> <p><input type="checkbox"/> Household was not selected for blank water testing ⇒ Thank the respondent. The module is complete.</p>		
<p>WQ14: Perform blank water test</p> <p><i>Using a sample of sterile water given by the supervisor conduct water quality test. Label B-XXXX-YY, where XXXX is the cluster number and YY is the household number. Record whether test was conducted.</i></p>	<p>Blank water test conducted 1 Blank water test not conducted 2</p>	

<i>Thank the respondent. The module is complete.</i>		
--	--	--

WATER QUALITY TESTING RESULTS		WQ
Following 24-48 hours of incubation the results from the water quality tests should be recorded.		
WQ15. Day / Month / Year of recording test results: _____ / _____ / 2016		
In the boxes below: -Record 3-digit count of colonies. -If more than 99 colonies are counted, record '100' -If it is not possible to read results / results are lost, record '998' -If microbial testing was not done, record '999'		
Record results of <u>Household</u> water test		
WQ16. Record number of red/pink colonies in 1 mL household water sample	Number of colonies	_____
WQ17. Record number of blue colonies in 1 mL household water sample	Number of colonies	_____
WQ18. Record number of red/pink colonies in 100 mL household water sample	Number of colonies	_____
WQ19. Record number of blue colonies in 100 mL household water sample	Number of colonies	_____
Record results of Source water test		
WQ20. Record number of red/pink colonies in 1 mL Source water sample	Number of colonies	_____
WQ21. Record number of blue colonies in 1 mL Source water sample	Number of colonies	_____
WQ22. Record number of red/pink colonies in 100 mL Source water sample	Number of colonies	_____
WQ23. Record number of blue colonies in 100 mL Source water sample	Number of colonies	_____
Record results of <u>Blank</u> water test		
WQ24. Record number of red/pink colonies in 1 mL Blank water sample	Number of colonies	_____
WQ25. Record number of blue colonies in 1 mL Blank water sample	Number of colonies	_____
WQ26. Record number of red/pink colonies in 100 mL Blank water sample	Number of colonies	_____
WQ27. Record number of blue colonies in 100 mL Blank water sample	Number of colonies	_____

Measurer's Observations

Supervisor's Observations