

## **CONSENT FORM (COPY FOR HOUSEHOLD)**

Greetings! My name is \_\_\_\_\_. I am working for a research institution named Duke University, and with WaterSHED-Asia, to collect information on your (1) water sources and hygiene behaviors, (2) preferences for different water treatments, and (3) other household information. You were one of about 400 households randomly chosen from this community to participate in our study. During this survey, we will ask you to taste three different water samples. Each of these samples is safe to drink and has no negative side effects. Once you have tasted these samples, we will ask you if you would buy the water purification products you prefer at a specific price. You are under no obligation to purchase these products but may do so if you find the price to be acceptable for you. We will also collect basic measurements (height, weight, etc.) of children in your household who are available. We will also ask to collect drinking-water samples if you have piped water in your household. This information may be used to improve water services in your communities.

I will not tell anyone about your answers to these questions. Although we will ask for some personal information about you, such as your name and address, we will never use that information in any report we write. We would like to have that information so we can visit you again in the future. The entire survey will take approximately 1 hour.

We do not anticipate any risks or discomfort to you by participating. Please ask me to explain anything that you don't understand before you make your decision as to whether to participate in the survey or not. Your participation in the study is completely voluntary. You do not have to answer all questions and you can stop your participation at any time. Just let me know at any time if you do not want to answer a question. There is no direct, immediate, and tangible benefit of participating in this survey. If you have any questions or concerns about the study, please contact Heam Meou (Tel: 017348498) [If you have any questions about your rights as a study participant, please contact Ameer Shaheed at WaterSHED in Phnom Penh (Tel. 078374722) or Dr. Marc Jeuland at Duke University (Tel. +1-919-613-4395)].

# Survey of water quality preferences in rural Cambodia

## Baseline Survey – Summer 2011

### I. ADMINISTRATION AND INTERVIEW OUTCOME

Number of Visits to the Household		
1. No of Visit:	2. Date of Visit:	3. Results of Visit
<b>1<sup>st</sup> Visit:</b>	a. ___ / ___ / ___ DD/MM/YY  b. ___ : ___ Time started (24 Hr)  c. ___ : ___ Time ended (24 hr)	<b>a. RETURN VISIT NOT NEEDED</b> [ 1 ] Completed [ 2 ] Partially completed, return visit not agreed [ 3 ] HH could not be located [ 4 ] HH has migrated out temporarily [ 5 ] HH refused to be interviewed  <b>RETURN VISIT NEEDED</b> [ 6 ] Partially completed, return agreed [ 7 ] No eligible person present [ 8 ] HH was locked [ 95 ] Other: _____
<i>If required:</i> <b>2<sup>nd</sup> Visit:</b>	d. ___ / ___ / ___ DD/MM/YY  e. ___ : ___ Time started (24 Hr)  f. ___ : ___ Time ended (24 hr)	<b>b. RETURN VISIT NOT NEEDED</b> [ 1 ] Completed [ 2 ] Partially completed, return visit not agreed [ 8 ] No eligible person present [ 9 ] HH was locked

FIELD			
4. <u>Interviewer</u> Completed Date ___/___/___	5. <u>Field Supervisor</u> Checked Date ___/___/___	6. <u>Data entry</u> Enter Date ___/___/___	7. <u>Data entry</u> Checked Date ___/___/___
Person's ID _____	Person's ID _____	Person's ID _____	Person's ID _____

9. Questionnaire ID \_\_\_\_\_

10. Taste Test:

a. Sample 1 Code: \_\_\_ ;      b. Sample 2 Code \_\_\_ ;      c. Sample 3 Code \_\_\_

11. WTP Offer \_\_\_\_\_ Riel

12. Conjoint group ##: \_\_\_\_\_

13. Number of first card in group: \_\_\_\_\_

## II. CONSENT

**[This is compulsory. Please read to respondent before beginning the survey. If the respondent does not agree to participate, do not continue the interview.]**

Greetings! My name is \_\_\_\_\_. I am working for a research institution named Duke University, and with WaterSHED-Asia, to collect information on your (1) water sources and hygiene behaviors, (2) preferences for different water treatments, and (3) other household information. You were one of about 400 households randomly chosen from this community to participate in our study. During this survey, we will ask you to taste three different water samples. Each of these samples is safe to drink and has no negative side effects. Once you have tasted these samples, we will ask you if you would buy the water purification products you prefer at a specific price. You are under no obligation to purchase these products but may do so if you find the price to be acceptable for you. We will also collect basic measurements (height, weight, etc.) of children in your household who are available. We will also ask to collect drinking-water samples if you have piped water in your household. This information may be used to improve water services in your communities.

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1. Are you willing to complete this interview and participate in this study?

[ 0 ] No (**Enumerator: Thank you! Terminate the interview.**)

[ 1 ] Yes

Sign here: \_\_\_\_\_

2a. Respondent name \_\_\_\_\_

2b. Age: \_\_\_\_\_ years (-9) Don't know / not sure

2c. Gender: [ 1 ] Male [ 2 ] Female

3. Can you [respondent] read or write?

[ 0 ] No [ 1 ] Yes

4. If this household has children age 5 or under, can we weigh them and take their height measurements?

[ 0 ] No [ 1 ] Yes

## III. FAMILY ROSTER, SOCIO-DEMOGRAPHICS AND ANTHROPOMETRICS

I would like to ask you some questions about your family:

1. What is the religion that most family members practice?

[ 0 ] No religion

[ 1 ] Hindu

[ 2 ] Muslim

[ 3 ] Christian

[ 4 ] Buddhist/Neo-Buddhist

[ 95 ] Other (specify \_\_\_\_\_)

[ -9 ] Don't know/Not sure

2. What is the language you speak at home?

[ 1 ] Khmer

[ 2 ] Vietnamese

[ 95 ] Other, please specify: \_\_\_\_\_

3. What is your household size? Number of household members: \_\_\_\_\_

#	4. Please name every person living in this household.	5. What gender is NAME? ( <i>Fill in with names from Q4</i> )  <i>Do not ask but observe in the case of respondent.</i>  1=Male 2=Female	6. How old is NAME?		7. What is the relationship of NAME to the head of household?  1=Head 2=Wife/ husband 3=Child/ adopted child 4=Grandchild 5=Niece/ nephew 6=Father/ mother 7=Sister/ brother 8=Son in law/ Daughter in law 9=Brother in law/ sister in law 10=Grandfather/ Grandmother 11= Father in law/ Mother in law 12= Other relative 13= Servant or servant's relative 14= Tenant or tenant's relative 95= Other (specify_____)	8. <i>Ask for member &gt;15 years.</i>  What is the current marital status of NAME?  1=Married 2=Divorced 3=Separated 4=Widow or widower -9=Don't know/not sure 95=Not married	#
			Years	Months			
01		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	01
02		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	02
03		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	03
04		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	04
05		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	05
06		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	06
07		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	07
08		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	08
09		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	09
10		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	10
11		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	11
12		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	12
13		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	13
14		1 2			1 2 3 4 5 6 7 8 9 10 11 12 13 14 95	1 2 3 4 -9 95	14

#	9. (Ask for member less than 5 years old.)  Was/ is NAME breastfed after birth?  1=No (Skip to Q12) 2=Yes, (s)he was 3=Yes, (s)he still is -9=Don't know/ Not sure (Skip to Q12) 95= no children under-5 (don't fill in below, just once in this square, then skip to 12)	10. (Ask for members less than 5 years old.)  How long was NAME exclusively or non-exclusively breastfed (i.e. with other food items)?  Record number of months.  -9=Don't know/not sure		11. Ask if member is older than 5 years old  How many years of education has [NAME] completed?  -9=Don't know / not sure (skip to Q14) -8=No formal schooling but some vocational training (skip to Q14)	12. Ask if member is older than 5 years and less than 20 years old.  Does NAME regularly attend school?  0=No 1=Yes (skip to Q16) -9=Don't know/ Not sure (skip to Q16)	13. Ask if member is older than 16 years old  Can NAME read newspapers?  0=Not at all 1=Yes, easily 2=Yes, with difficulty -9=Don't know/ not sure	#
		11a. Exclusive (only breastfed)	11b. Non-exclusive (Breastfed, with food)				
01	1 2 3 -9				0 1 -9	0 1 2 -9	01
02	1 2 3 -9				0 1 -9	0 1 2 -9	02
03	1 2 3 -9				0 1 -9	0 1 2 -9	03
04	1 2 3 -9				0 1 -9	0 1 2 -9	04
05	1 2 3 -9				0 1 -9	0 1 2 -9	05
06	1 2 3 -9				0 1 -9	0 1 2 -9	06
07	1 2 3 -9				0 1 -9	0 1 2 -9	07
08	1 2 3 -9				0 1 -9	0 1 2 -9	08
09	1 2 3 -9				0 1 -9	0 1 2 -9	09
10	1 2 3 -9				0 1 -9	0 1 2 -9	10
11	1 2 3 -9				0 1 -9	0 1 2 -9	11
12	1 2 3 -9				0 1 -9	0 1 2 -9	12
13	1 2 3 -9				0 1 -9	0 1 2 -9	13
14	1 2 3 -9				0 1 -9	0 1 2 -9	14

## IV. PERCEPTIONS OF DIARRHEA AND WATER QUALITY

### A. Perceptions of Diarrhea

I would now like to ask you about your perceptions of diarrhea.

1. In your opinion, what are the symptoms of diarrhea? **(Do not read the answers, encourage by asking if there is anything else until (s)he says there is nothing else and check all mentioned.)**

SN	Symptom	(1) Yes
1	Loose and water stool	1
2	Blood/mucus in stool	1
3	Abdominal pain or cramps	1
4	Soft part (soft part on skull of an toddler) sunken	1
5	Fever	1
6	Vomiting	1
7	Weakness (loss of weight, thinned/weakened limbs, not eating or drinking well)	1
8	Dehydration (marked thirst, absence of tears, dried lips, persistent skin fold)	1
9	Loss of sense (mental stupor, dizziness, convulsion/fits/seizures, unconscious)	1
10	Headache	1
11	Constipation	1
95	Other (specify _____)	1
96	Other (specify _____)	1
97	Other (specify _____)	1
-9	Don't know/not sure	1

2. What are the causes or reasons for diarrhea? **(Check all that apply. Don't Prompt)**

SN	Cause	(1) Yes
1	Eating stale foods	1
2	Eating food from street vendors	1
3	Eating food touched by flies	1
4	Unclean/smelly food	1
5	Drinking bad water (e.g., contaminated source, dirty tank)	1
6	Using unhygienic latrines / open defecation	1
7	Open drains / bad drainage	1
8	Not washing hands	1
9	Bad weather / weather change	1
10	Exposure to sun	1
11	Teething / new teeth	1
12	Some types of vaccines	1
13	Household uncleanliness	1
14	Village uncleanliness	1
95	Other (specify _____)	1
96	Other (specify _____)	1
97	Other (specify _____)	1
-9	Don't know/not sure	1

3. Do you think diarrhea can be prevented?

[ 0 ] No

[ 1 ] Yes

[ -9 ] Don't know/not sure

## B. Diarrheal disease

I would now like to ask you about diarrheal disease in your family. This information will allow us to better understand the health of this community.

1. In research, we often regard 3 or more stools a day to be diarrhea. Did any member in this household pass 3 or more loose stools in a 24 hour period or have loose motions in the past week (even if it would have started sometime before last week)? I know that you cannot know this for sure, but sometimes you may know this about members of the household.

[ 0 ] No (**Skip to Part C**)

[ 1 ] Yes

[ -9 ] Don't know (**Skip to Part C**)

#	2. Diarrhea during the past 7 days?  (0) No ( <b>Skip to next person</b> ) (1) Yes ( <b>Continue with Q7</b> )	3. Did household [member] have diarrhea today?  (If yes, prompt if blood was present. If bloody, circle 2)  (0) No (1) Yes, (2) Yes, bloody	4. Did [member] have diarrhea yesterday?  (0) No (1) Yes (2) Yes, bloody	5. Did [member] have diarrhea the day before yesterday?  (0) No (1) Yes (2) Yes, bloody	6. Did [member] have diarrhea lasting longer than 14 days?  (0) No (1) Yes (2) Yes, bloody	7. Did [member] receive any treatments during this episode of diarrhea?  (0) No ( <b>Skip to next member</b> ) (1) Yes	8. How much money was spent on treatment for [member] including travel to health centers, tests, fees?		
							Riel	US D	
01	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			01
02	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			02
03	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			03
04	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			04
05	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			05
06	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			06
07	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			07
08	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			08
09	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			09
10	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			10
11	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			11
12	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			12
13	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			13
14	0 1	0 1 2	0 1 2	0 1 2	0 1 2	0 1			14



### C. Water Sources, Treatment, and Water Quality Perceptions

I would now like to ask you some questions about your drinking water sources and about treatment that your household may apply to drinking water.

FOR CURRENT DRINKING-WATER SOURCES					
SOURCE CODE	1. What is the <b>primary source</b> of water that your household uses for DRINKING purposes at this time? <b>(Prompt as needed, multiple answers possible)</b>	2. Does your household use any <b>other</b> sources for drinking purposes at this time? <b>(Prompt as needed)</b>	3. If this water source is <b>not</b> on site, how does your household normally transport water from this supply to your house? <b>(Read all options circled in question 1)</b> <input type="checkbox"/> 0 ] On-site <b>(Skip to Q5)</b> <input type="checkbox"/> 1 ] Walking <input type="checkbox"/> 2 ] Bicycle ( ) <input type="checkbox"/> 3 ] Motorbike <input type="checkbox"/> 4 ] Paid Home Delivery <input type="checkbox"/> 95 ] Other, specify: _____	4. If not on site, how long does it take in total to go to source, collect and bring this water home?  <input type="checkbox"/> -9 ] Don't know/ not sure  _____ Minutes	5. On average, including fees, expenses and delivery charges, how much does your household actually pay per month to use this water supply during the rainy season? <b>(Estimate all fees and expenses. If nothing is paid, write "0". If yearly payment, estimate for month)</b>  <input type="checkbox"/> -9 ] Don't know / not sure
				Minutes	Riel      USD
[ 1 ] Piped water – in house tap	1	1	0 1 2 3 4 95 _____		
[ 2 ] Piped water – in yard tap	1	1	0 1 2 3 4 95 _____		
[ 3 ] Public tap / standpost	1	1	0 1 2 3 4 95 _____		
[ 4 ] Dug-well - private	1	1	0 1 2 3 4 95 _____		
[ 5 ] Dug-well public	1	1	0 1 2 3 4 95 _____		
[ 6 ] Bore well / hand pump - Public	1	1	0 1 2 3 4 95 _____		
[ 7 ] Bore well / hand pump - private	1	1	0 1 2 3 4 95 _____		
[ 8 ] Neighbors that give water away	1	1	0 1 2 3 4 95 _____		
[ 9 ] Raw surface water (e.g. stream, river, pond) <b>(Enumerator: this includes if people buy river water)</b>	1	1	0 1 2 3 4 95 _____		
[ 10 ] Water vendor	1	1	0 1 2 3 4 95 _____		
[ 11 ] Bottled water	1	1	0 1 2 3 4 95 _____		
[ 12 ] Rainwater harvesting	1	1	0 1 2 3 4 95 _____		
[ -95 ] Other; Please specify: _____	1	1	0 1 2 3 4 95 _____		

6. Do you use different water sources, or different amounts of water in the DRY season?

[0] No (**Skip to Q17**) [1] Yes

FOR DRINKING-WATER SOURCES – DURING THE DRY SEASON						
SOURCE CODE	7. If different, what is your primary drinking-water source change in the dry season?  <i>(Make sure respondent explains which are the same and which ones are different in this season; multiple code possible)</i>	8. If different, what <b>other</b> sources do you use for drinking purposes in the dry season?  <i>(Prompt as needed, only circle sources not selected in Q1 and Q2)</i>	9. If this water source is <b>not</b> on site, how does your household normally transport water from this supply to your house? ( <b>Read all options circled in questions 7 and 8</b> )  [ 0 ] On site ( <b>Skip to Q11</b> ) [ 1 ] Walking [ 2 ] Bicycle [ 3 ] Motorbike [ 4 ] Paid home delivery [ 95 ] Other, specify	10. If not on site, how long does it take to walk to source, collect and bring this water home?  <i>(Record in minutes)</i>	11. On average, including fees, expenses and delivery charges, how much does your household actually pay per month to use this water supply during the dry season? ( <b>Estimate all fees and expenses. If nothing is paid, write "0". If yearly payment, estimate for month</b> )  [ - 9 ] Don't know / not sure	
				Minutes	Riel	USD
[ 1 ] Piped water – in house tap	1	1	0 1 2 3 4 95 _____			
[ 2 ] Piped water – in yard tap	1	1	0 1 2 3 4 95 _____			
[ 3 ] Public tap / standpost	1	1	0 1 2 3 4 95 _____			
[ 4 ] Dug-well - private	1	1	0 1 2 3 4 95 _____			
[ 5 ] Dug-well public	1	1	0 1 2 3 4 95 _____			
[ 6 ] Bore well / hand pump - Public	1	1	0 1 2 3 4 95 _____			
[ 7 ] Bore well / hand pump - private	1	1	0 1 2 3 4 95 _____			
[ 8 ] Neighbors that give water away	1	1	0 1 2 3 4 95 _____			
[ 9 ] Raw surface water (e.g. stream, river, pond) <i>(Enumerator: this includes if people who buy river water)</i>	1	1	0 1 2 3 4 95 _____			
[ 10 ] Water vendor	1	1	0 1 2 3 4 95 _____			
[ 11 ] Bottled water	1	1	0 1 2 3 4 95 _____			
[ 12 ] Rainwater harvesting	1	1	0 1 2 3 4 95 _____			
[ -95 ] Other; Please specify: _____	1	1	0 1 2 3 4 95 _____			

FOR CURRENT DRINKING-WATER SOURCES					
SOURCE CODE	12. FOR THE SOURCES YOU DRINK FROM, does anyone in the household EVER drink water directly from the source? [ 0 ] No [ 1 ] Yes	13. Are there any problems with your drinking water source in this season? [ 0 ] No [ 1 ] Looks bad [ 2 ] Tastes bad [ 3 ] Smells bad [ 4 ] Bad for my health [ 5 ] Not always available (the source does NOT work 100% of the time) [ 95] Other, specify	14. Are there any problems with your drinking water source in the dry season? [ 0 ] No [ 1 ] Looks bad [ 2 ] Tastes bad [ 3 ] Smells bad [ 4 ] Bad for my health [ 5 ] Not always available (the source does NOT work 100% of the time) [ 95] Other, specify	15. <i>Enumerator; ask only if drinking water source is piped:</i> How well does your piped water run right now? [ 1 ] My water works well and reliably [ 2 ] Every day but not at the same flow [ 3 ] A few days a week, but not everyday [ 4 ] Never [-9] Don't know / not sure	16. <i>Enumerator; ask only if drinking water source is piped:</i> How well does your piped water run in the dry season? [ 1 ] My water works well and reliably [ 2 ] Every day but not at the same flow [ 3 ] A few days a week, but not everyday [ 4 ] Never [-9] Don't know / not sure
[ 1 ] Piped water – in house tap	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____	1 2 3 4 -9	1 2 3 4 -9
[ 2 ] Piped water – in yard tap	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____	1 2 3 4 -9	1 2 3 4 -9
[ 3 ] Public tap / standpost	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 4 ] Dug-well - private	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 5 ] Dug-well public	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 6 ] Bore well / hand pump - Public	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 7 ] Bore well / hand pump - private	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 8 ] Neighbors that give water away	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 9 ] Raw surface water (e.g. stream, river, pond) <i>(Enumerator: this includes if people buy river water)</i>	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 10 ] Water vendor	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 11 ] Bottled water	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[ 12 ] Rainwater harvesting	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		
[-95] Other; Please specify: _____	0 1	0 1 2 3 4 5 95 _____	0 1 2 3 4 5 95 _____		

17. Who should be responsible for improving your household's drinking water supply (**Do not prompt**)

- [ 1 ] My family
- [ 2 ] The local government
- [ 3 ] Community organizations, NGOs, and social workers
- [ 4 ] My family working with government, NGO, etc.
- [95] Other, specify: \_\_\_\_\_

18. Who should pay the costs of improving your household's drinking water supply (**Do not prompt**)

- [ 1 ] My family
- [ 2 ] The local government
- [ 3 ] Community organizations, NGOs, and social workers
- [ 4 ] My family working with government, NGO, etc.
- [95] Other, specify: \_\_\_\_\_

#### D. Water treatment, storage and handling

I now want to ask you some questions about your water treatment, storage, and handling.

1. Does your household do anything to make the water safe to drink?

- [ 0 ] No (**Skip to Q9, but please make sure of this before proceeding**)
- [ 1 ] Yes
- [-9] Don't know/ not sure (**Skip to Q9**)

2. Do you ever mix treated and untreated water in the same container?

- [ 0 ] Never
- [ 1 ] Sometimes
- [ 2 ] Most of the time
- [ 3 ] Always
- [-9] Don't know/ not sure

<b>Treatment options</b>						
#	Treatment option	3. Does your household [TREAT] your drinking water? ( <i>Read options, circle one per row</i> )			Instructions	
		[ 0 ] Don't use	[ 1 ] Currently using	[ 2 ] Use but not currently	[ 3 ] Use but as needed/rarely	
1	Boil	0	1	2	3	<b>Go to Q4</b>
2A	Simple Filter (e.g. Sieve it through cloth, plastic net)	0	1	2	3	<b>Go to Q5</b>
2B	Filter (ceramic filter, Aquaguard, Pureit, etc.)	0	1	2	3	<b>Go to Q5</b>

4	Use chemical disinfectant (e.g. bleach/chlorine/etc)	0	1	2	3	<b>Go to Q6</b>
5	Use alum or treatment to settle solids in water	0	1	2	3	<b>Go to Q7</b>
95	Other (specify _____)	0	1	2	3	<b>Go to Q8</b>

## **Boil**

### 4. ***If household said that they boil their drinking water, ask:***

a. How often does your household boil your drinking water? (***Do NOT prompt.*** )

- [ 1 ] 3 times a day
- [ 2 ] Once a day
- [ 3 ] Weekly
- [ 4 ] Only during rainy season
- [ 5 ] Only when cooking
- [ 6 ] Rarely or as needed
- [ 7 ] Only when someone is sick
- [ 8 ] Only when advised by doctor, etc.
- [ 95 ] Other (specify \_\_\_\_\_)
- [ -9 ] Don't know / not sure

a. How many minutes does your household boil your drinking water on each such occasion? \_\_\_\_\_ minutes

b. For whom does your household boil drinking water?

- [1] Everyone in the family
- [2] Children only (whether or not they are sick)
- [3] Sick family members only
- [95] Other, specify \_\_\_\_\_

c. How much does it cost you to boil your water per month? \_\_\_\_\_ Riel [-9] Don't know

***(Go to Q3 and continue or go to Q10)***

## **Filter**

### 5. ***If the household said that they filter their water:***

a. What device does your household use to **primarily** filter your water?

- [ 1 ] Cloth or plastic net
- [ 2 ] Traditional multi-vessel filter (e.g. coal, sand, gravel filter)
- [ 3 ] Ceramic filter
- [ 4 ] Hi-tech commercial filter (e.g. Aquaguard)
- [ 5 ] Chemical filter
- [ 6 ] Candle filter
- [ 95 ] Other (specify \_\_\_\_\_)
- [ -9 ] Don't know / not sure

b. How often does your household filter your drinking water? (***Do NOT prompt.*** )

- [ 1 ] Daily
- [ 2 ] Weekly
- [ 3 ] Only during rainy season
- [ 4 ] Rarely or as needed
- [ 5 ] Only when someone is sick
- [ 6 ] Only when advised by doctor, etc.
- [ 95 ] Other (specify \_\_\_\_\_)
- [ -9 ] Don't know / not sure

c. How much would it cost today to buy a filtering device? \_\_\_\_\_ Riel [-9] Don't know **(Go to Q3 and continue or go to Q10)**

**Chlorine / bleach**

6. ***If the household said they use chlorine/bleach, etc. ask:***

a. How often does your household chemically treat your drinking water? **(Do NOT prompt. )**

- [ 1 ] Daily
- [ 2 ] Weekly
- [ 3 ] Only during rainy season
- [ 4 ] Rarely or as needed
- [ 5 ] Only when someone is sick
- [ 6 ] Only when advised by doctor, water supplier etc.
- [ 95 ] Other (specify \_\_\_\_\_)
- [ -9 ] Don't know / not sure

b. How much does your household spend on chlorine/bleach/etc per month? \_\_\_\_\_ Riel [-9] Don't know **(Go to Q3 and continue or go to Q10)**

**Alum or settling treatment**

7. ***If the household said they use alum or something else to settle water. ask:***

a. How often does your household use chemicals (e.g. alum) to settle your drinking water? **(Do NOT prompt. )**

- [ 1 ] Daily
- [ 2 ] Weekly
- [ 3 ] Only during rainy season
- [ 4 ] Rarely or as needed
- [ 5 ] Only when someone is sick
- [ 6 ] Only when advised by doctor, etc.
- [ 95 ] Other (specify \_\_\_\_\_)
- [ -9 ] Don't know / not sure

b. How much does your household spend on alum or such chemicals per month? \_\_\_\_\_ Riel [-9] Don't know **(Go to Q3 and continue or go to Q10)**

**Other treatment**

8. ***If the household said they use other processes to treat water, ask:***

a. How often does your household use this method to treat your drinking water? (***Do NOT prompt.***)

- [ 1 ] Daily
- [ 2 ] Weekly
- [ 3 ] Only during rainy season
- [ 4 ] Rarely or as needed
- [ 5 ] Only when someone is sick
- [ 6 ] Only when advised by doctor, etc.
- [ 95 ] Other (specify \_\_\_\_\_)
- [ -9 ] Don't know / not sure

b. How much does your household spend to use this method per month? \_\_\_\_\_Riel      [-9] Don't know (***Go to Q3 and continue or go to Q10***)

9. ***Ask only if household said they don't treat/filter their drinking water:*** Could you tell the main reason why your household does not treat the water before you drink it?

- [ 1 ] Water is already clean
- [ 2 ] Treatment does not help
- [ 3 ] Don't think that cleaning is necessary
- [ 4 ] No time for treatment
- [ 5 ] Too expensive
- [ 95 ] Other (specify \_\_\_\_\_)
- [ -9 ] Don't know / not sure



**Enumerator: ONLY take samples if PIPED CONNECTION IS PRESENT. This is ONLY if there is a water provider, and/or a tap in or outside the house. If there are NO piped connections ASK QUESTIONS, NO samples**

**Sample bags should be numbered with HOUSEHOLD NUMBER followed by SOURCE CODE (01, 02, 03, 04), e.g 092- 02**

Sample CODE	I would like to ask you about the presence of drinking water in your house:	10. Do you use [CODE]?	11. What water source does [CODE] come from? ( <b>Prompt if mix sources, use multiple code</b> )	12. <b>Observe</b> container that household stores [CODE] in..	13. <b>Observe</b> type of container...	14. Do you usually put or use ice in this water before drinking?	15. <b>Observe</b> how household takes out sample...
01	Drinking water from a pipe/tap (ASK FOR SAMPLE DIRECTLY FROM TAP)	[ 0 ] Don't use at all [ 1 ] Use currently and sample available [ 2 ] Use currently, but no sample available right now [ 3 ] Only use in dry season	[ 1 ] Piped water – in house tap [ 2 ] Piped water – in yard tap [ 3 ] Public tap / standpost [ 4 ] Private dug-well [ 5 ] Private bore / hand pump [ 6 ] Public dug-well [ 7 ] Public bore / hand pump [ 8 ] Neighbors [ 9 ] Raw surface water [ 10 ] Water vendor [ 11 ] Bottled water [ 12 ] Rainwater harvesting [ 95 ] Other; please specify	[ 0 ] No container [ 1 ] Small Peng [ 2 ] Medium Peng [ 3 ] Large Peng [ 4 ] Concrete tank [ 5 ] Non-concrete tank [ 6 ] Other container [-9 ] don't know	[0] No container [1] Raised and covered [2] On the ground and covered [3] Raised and uncovered [4] On the ground and uncovered [-9] Don't know	[ 0 ] No [ 1 ] Yes [-9] Don't know	[ 0 ] No sample [ 1 ] Pouring [ 2 ] Dipping [ 3 ] Pouring and dipping [ 4 ] Tap [ 95 ] Other (explain)
02	STORED water from pipe (ASK FOR SAMPLE. IF THIS IS PRESENT, DO NOT COLLECT WATER FROM 03)	<i>(if don't ever use, skip source 02 below)</i>					
03	Water that is STORED, NOT treated and NOT from a pipe (e.g rain water) (ASK FOR SAMPLE)	<i>(if circle 2, or 3, collect water from next source below)</i>					
04	Treated and stored water that is not tea (ASK FOR SAMPLE)						
05	Treated and stored water mixed with tea or other medicine/herb (DO NOT COLLECT)						

16. Normally, how long do you store **drinking water** from the time of treatment until you consume it?

- [ 0 ] Do not treat drinking water
- [ 1 ] Less than one day
- [ 2 ] About 1 day
- [ 3 ] More than 1 day but less than 3 days
- [ 4 ] Between 3 and 7 days
- [ 5 ] More than 7 days

**17. Enumerator: observe water storage containers and ask to confirm as needed:**

Container	a. Do you use [container] for storage of drinking water? ( <b>Read container options</b> )	b. <b>Observe and ask to confirm:</b> How many of this container does the household have?
1. Small Peng jar (360L?)	[0] No [1] Yes	
2. Medium Peng jar (650L?)		
3. Large Peng jar (1500L?)		
5. Non-concrete tank		
95. Other _____		

18. Does anyone in your household ever drink directly from household water storage containers without treatment?

- [ 0 ] No (**Skip to Q20**)
- [ 1 ] Yes

19. If yes, who drinks directly without treatment from these household water storage containers?

- [ 0 ] Everyone
- [ 1 ] Children
- [ 2 ] Adults
- [ 3 ] Only one child
- [ 4 ] Only one adult
- [ -9 ] Don't know

20. How often does your household clean household water storage containers? (**Do not prompt**)

- (0) Never (**Skip to Q22**)
- (1) Daily
- (2) 3-4 times a week
- (3) Once a Week
- (4) Monthly / Rarely
- (-9) Don't know / not sure
- (-8) Do not store drinking water

21. How does your household clean the household water storage containers? (**Read. Multiple code, Do not prompt**)

- [ 1 ] Rinse with water
- [ 2 ] Scrub with brush and rinse
- [ 3 ] Use soap and scrubbing
- [ 4 ] Use ash
- [ 95 ] Other (specify \_\_\_\_\_)
- [ -9 ] Don't know / not sure
- [ -8 ] Do not store drinking water

22. I now want to conduct an activity to understand how you view the quality of the water that you collect and drink. I am going to give each of you ten candies (**Enumerator: show candies to respondent and explanation sheet**). In this activity, there are no right answers and you can keep the candies at the end of the activity. I want you to divide these candies into two piles. In one pile, put the candies indicating that you think the water at the source/tap before in-house treatment, storage, and handling is safe. In the other pile, put the candies to indicate that the water is not safe. So, if you think the water is definitely safe, you should put all the candies in the safe pile (**Enumerator: demonstrate for respondent with candies and explanation sheet**). If you think that the chance that it is safe is slightly higher than the chance that it is unsafe, maybe place 6 to 8 candies in the safe pile and the rest in the unsafe pile (**Enumerator: demonstrate again**). If you think the water is definitely not safe, place all of the candies in the unsafe pile (**Enumerator: demonstrate again**).

- a. Do you have any questions about this exercise? \_\_\_\_\_
- b. **Enumerator, verify:** How many candies did the respondent put in each pile? Safe \_\_\_\_\_ Unsafe \_\_\_\_\_

23. I would now like to conduct this activity again. This time instead of dividing the candies into safe and unsafe piles for water you collect at the source/tap before in-house treatment, storage, and handling, I want you to divide them into safe and unsafe piles representing the quality of water **by the time you actually drink it after in-house treatment, storage, and handling**. In other words, if you think the water you drink is definitely safe, place all of the candies in the safe pile (**Enumerator: demonstrate again**). If you think it is definitely unsafe, place all of the candies in the unsafe pile. If you the chance that it is safe is slightly more than the chance that it is unsafe, place slightly more candies in the safe pile than the unsafe pile.

- a. Do you have any questions? \_\_\_\_\_
- b. **Enumerator, verify:** How many candies did the respondent put in each pile? Safe \_\_\_\_\_ Unsafe \_\_\_\_\_

24. What do you think about the taste and smell of your water by the time you actually drink it (after in-house treatment, storage, and handling)? (**Read options**)

- [ 1 ] I always like it
- [ 2 ] I usually like it
- [ 3 ] I am not sure I like it
- [ 4 ] I usually do not like it
- [ 5 ] I never like it
- [-9 ] Don't know

25. What does your household use for handwashing? (**Do not prompt**)

- [ 1 ] Water only (**Skip to Q28**)
- [ 2 ] Soap or detergent powder
- [ 3 ] Ash (**Skip to Q27**)
- [-9 ] Don't know (**Skip to Q28**)
- [ 95 ] Other, specify: \_\_\_\_\_ (**Skip to Q28**)

26. Can you show me your soap and tell me the brand?

- [ 0 ] No
- [ 1 ] Yes, record brand: \_\_\_\_\_

27. When do you use soap/detergent or ash to wash your hands? (**Do not prompt, multiple code**)

- [ 1 ] Washing clothes
- [ 2 ] Washing children
- [ 3 ] Bathing
- [ 4 ] After washing babies
- [ 5 ] After defecating
- [ 6 ] Before preparing food
- [ 7 ] Before eating
- [ 8 ] Before handling water
- [ 9 ] Whenever hands are dirty
- [-9 ] Dont know
  
- [ 95 ] Other, specify: \_\_\_\_\_

28. What type of toilet do you use?

<p>a) With water</p>	<p>[1] flush to piped sewer system                  [2] Flush to septic tank or other container                  [3] Hand flush to tank or container                  [4] Hand flush to elsewhere                  [95] Other, please specify:                  _____                  _____</p>	<p>b) Without water</p>	<p>[1] No toilet, open defecation                  [2] Pit latrine with stone/floor                  [3] Pit latrine with no stone slab/floor                  [4] Covered pit latrine with air duct                  [5] Latrine with compost                  [6] Hanging latrine (over water)                  [7] Dry latrine (separate liquid and solid waste)                  [8] Bucket                  [95] Other (specify):                  _____</p>
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29. Is this toilet public or private?

- [ 0 ] No toilet
- [ 1 ] Public
- [ 2 ] Private
- [ 3 ] Neighbor's toilet
- [ 95 ] Other, please specify: \_\_\_\_\_

30. (Enumerator: **observe**) Are there animal faeces in any of the household living spaces?

- [ 0 ] No
- [ 1 ] Yes

## V. CHOICE SETS

We will now have a different exercise. I will show you cards with different choices and features of treated water, for drinking water purposes. Here is an example card. **(Enumerator: please show example card)**

This card has three options: option 1, option 2, and your existing drinking water option. **(Enumerator: please point to each option on example card)**

Each option has four features: price, taste/smell, effectiveness, and quantity available each day. **(Enumerator: please point to each feature on example card)**

1. The money shows on the card indicates the price of the treated water. In this example, option 1 has a cost of 5000 Riel per day. Option 2 costs 100 Riel per day. The cost that is shown is the daily price for the quantity of the water that is shown in that option. The existing cost has the daily cost you currently pay to treat water (including fuel or other materials).

Do you understand the price attribute? \_\_\_\_\_

2. The next attribute is taste/smell. In this example, option 1 has bad taste/smell. Option 2 has no bad taste/smell. The existing option has the same taste/smell as the water you use now.

Do you understand the taste/smell attribute? \_\_\_\_\_

3. The third attribute is effectiveness against disease. As you may know, treatment does not always work to avoid disease. The people inside the circle on this card are those who treat water with this method. The blue ones are protected. The red ones are not. Inside the circle, some people are blue and protected, but some people are red and not protected. Outside the circle, all people are red and not protected, because they do not treat water. Just because these people are red does not mean they will be sick. Like riding a motorcycle, there can be an accident, but there may not be. Wearing a helmet provides some protection, like water treatment, but it may not always work to avoid injury. In this example, Option 1 provides very high protection, and Option 2 provides low protection. Your existing water treatment provides current level of protection.

Do you have any questions about the effectiveness attribute? \_\_\_\_\_

4. Finally, the last attribute is the quantity of water you can get with this method in one day. In this example, Option 1 provides at most 50 liters in one day. **(Enumerator: show 1 L bottle and explain that this option provides at most 50 bottles in one day)**. Option 2 provides at most 5 liters in one day. Remember that the price that is shown is for this daily quantity of water. Your existing treatment provides the current quantity of water in one day.

Do you have any questions about the quantity feature? \_\_\_\_\_

I will now ask you about different options, compared with your existing water.

### First Set:

Group # \_\_\_\_\_

Card # \_\_\_\_\_

Here is the first card. **(Enumerator: show first card)**. Please examine the options in this card, and their different features...

1. Do you prefer Option 1, Option 2, or your existing drinking water (Option 3)?

[1] Option 1

[2] Option 2

[3] Option 3: Existing water **(Skip to Q7)**

2. How certain are you in selecting option # \_\_\_\_ (**write in card number of the respondent's first preference from Q1**) as your first preference?
- [ 1 ] Very certain
  - [ 2 ] Somewhat certain
  - [ 3 ] Somewhat uncertain
  - [ 4 ] Very uncertain
  - [-9 ] Don't know/ Unsure
3. Would you purchase option # \_\_\_\_ at the given price of \_\_\_\_ Riel per day? (**write in card number of the respondent's first preference from Q1**)?
- [ 1 ] Yes
  - [ 2 ] No
  - [-9 ] Don't know/ Unsure (**skip to Q5**)
4. How certain are you that you would or would not purchase option # \_\_\_\_ ? (**Write in card number of the respondent's first preference from Q1; read choices for respondents**)
- [ 1 ] Very certain
  - [ 2 ] Somewhat certain
  - [ 3 ] Somewhat uncertain
  - [ 4 ] Very uncertain
  - [-9 ] Don't know/ Unsure
5. What was the most important feature of option # \_\_\_\_ (**write in card number of the respondent's first preference from Q1**) to you? (**Multiple answers possible**)
- [ 1 ] Price
  - [ 2 ] Taste feature
  - [ 3 ] Effectiveness
  - [ 4 ] Convenience
  - [-9 ] Don't know/ Unsure
6. Why did you not prefer option # \_\_\_\_ (**write card number of the card that the respondent DID NOT select in Q1**)? (**Multiple answers possible**)
- [ 1 ] Too expensive
  - [ 2 ] Don't want bad tasting water
  - [ 3 ] Effectiveness was too low
  - [ 4 ] Inconvenience
  - [-9 ] Don't know/ Unsure
- Skip to Q9**
7. Why did you not prefer option 1 to your current drinking option? (**Multiple answers possible**)
- [ 1 ] Too expensive
  - [ 2 ] Don't want bad tasting water
  - [ 3 ] Effectiveness was too low
  - [ 4 ] Inconvenience
  - [-9 ] Don't know/ Unsure

8. Why did you not prefer option 2 to your current drinking option? (**Multiple answers possible**)

- [ 1 ] Too expensive
- [ 2 ] Don't want bad tasting water
- [ 3 ] Effectiveness was too low
- [ 4 ] Inconvenience
- [ -9 ] Don't know/ Unsure

9. You have completed one card. Do you understand this exercise or should I explain it again for you?

- [ 0 ] No more explanation needed (**Continue**)
- [ 1 ] Please explain again (**Enumerator: please re-read explanation of the exercise from above**)

**Second Set:** Here is the second card. (**Enumerator: show second card**). Please examine the options in this card, and their different features...

10. Do you prefer Option 1, Option 2, or your existing drinking water (Option 3)?

- [1] Option 1
- [2] Option 2
- [3] Option 3: Existing water (**Skip to Q16**)

11. How certain are you in selecting option # \_\_\_\_ (**write in card number of the respondent's first preference from Q10**) as your first preference?

- [ 1 ] Very certain
- [ 2 ] Somewhat certain
- [ 3 ] Somewhat uncertain
- [ 4 ] Very uncertain
- [ -9 ] Don't know/ Unsure

12. Would you purchase option # \_\_\_\_ (**write in card number of the respondent's first preference from Q10**)?

- [ 1 ] Yes
- [ 2 ] No
- [ -9 ] Don't know/ Unsure (**skip to Q14**)

13. How certain are you that you would purchase option # \_\_\_\_ ? (**Write in card number of the respondent's first preference from Q10; read choices for respondents**)

- [ 1 ] Very certain
- [ 2 ] Somewhat certain
- [ 3 ] Somewhat uncertain
- [ 4 ] Very uncertain
- [ -9 ] Don't know/ Unsure

14. What was the most important feature of option # \_\_\_\_ (**write in card number of the respondent's first preference from Q10**) to you? (**Multiple answers possible**)

- [ 1 ] Price
- [ 2 ] Taste feature
- [ 3 ] Effectiveness
- [ 4 ] Convenience



[ -9 ] Don't know/ Unsure\

15. Why did you not prefer option # \_\_\_\_ (**write card number of the card that the respondent DID NOT select in Q10**)? (**Multiple answers possible**)

[ 1 ] Too expensive

[ 2 ] Don't want bad tasting water

[ 3 ] Effectiveness was too low

[ 4 ] Inconvenience

[ -9 ] Don't know/ Unsure

→**Skip to Q18**

16. Why did you not prefer option 1 to your current drinking option? (**Multiple answers possible**)

[ 1 ] Too expensive

[ 2 ] Don't want bad tasting water

[ 3 ] Effectiveness was too low

[ 4 ] Inconvenience

[ -9 ] Don't know/ Unsure

17. Why did you not prefer option 2 to your current drinking option? (**Multiple answers possible**)

[ 1 ] Too expensive

[ 2 ] Don't want bad tasting water

[ 3 ] Effectiveness was too low

[ 4 ] Inconvenience

[ -9 ] Don't know/ Unsure

18. You have completed two cards. Do you understand this exercise or should I explain it again for you?

[ 0 ] No more explanation needed (**Continue**)

[ 1 ] Please explain again (**Enumerator: please re-read explanation of the exercise from above**)

### **Third Set:**

Here is the third card. (**Enumerator: show third card**). Please examine the options in this card, and their different features...

19. Do you prefer Option 1, Option 2, or your existing drinking water (Option 3)?

[1] Option 1

[2] Option 2

[3] Option 3: Existing water (**Skip to Q25**)

20. How certain are you in selecting option # \_\_\_\_ (**write in card number of the respondent's first preference from Q19**) as your first preference?

[ 1 ] Very certain

[ 2 ] Somewhat certain

[ 3 ] Somewhat uncertain

[ 4 ] Very uncertain

[ -9 ] Don't know/ Unsure

21. Would you purchase option # \_\_\_\_ (**write in card number of the respondent's first preference from Q19**)?

[ 1 ] Yes

[ 2 ] No

[ -9 ] Don't know/ Unsure (**skip to Q23**)

22. How certain are you that you would purchase option # \_\_\_\_ ? (**Write in card number of the respondent's first preference from Q19; read choices for respondents**)

[ 1 ] Very certain

[ 2 ] Somewhat certain

[ 3 ] Somewhat uncertain

[ 4 ] Very uncertain

[ -9 ] Don't know/ Unsure

23. What was the most important feature of option # \_\_\_\_ (**write in card number of the respondent's first preference from Q19**) to you? (**Multiple answers possible**)

[ 1 ] Price

[ 2 ] Taste feature

[ 3 ] Effectiveness

[ 4 ] Convenience

[ -9 ] Don't know/ Unsure

24. Why did you not prefer option # \_\_\_\_ (**write card number of the card that the respondent DID NOT select in Q19**)? (**Multiple answers possible**)

[ 1 ] Too expensive

[ 2 ] Don't want bad tasting water

[ 3 ] Effectiveness was too low

[ 4 ] Inconvenience

[ -9 ] Don't know/ Unsure

→**Skip to Q27**

25. Why did you not prefer option 1 to your current drinking option? (**Multiple answers possible**)

[ 1 ] Too expensive

[ 2 ] Don't want bad tasting water

[ 3 ] Effectiveness was too low

[ 4 ] Inconvenience

[ -9 ] Don't know/ Unsure

26. Why did you not prefer option 2 to your current drinking option? (**Multiple answers possible**)

[ 1 ] Too expensive

[ 2 ] Don't want bad tasting water

[ 3 ] Effectiveness was too low

[ 4 ] Inconvenience

[ -9 ] Don't know/ Unsure

27. You have completed three cards. Do you understand this exercise or should I explain it again for you?

[ 0 ] No more explanation needed (**Continue**)

[ 1 ] Please explain again (**Enumerator: please re-read explanation of the exercise from above**)

#### Fourth Set:

28. Do you prefer Option 1, Option 2, or your existing drinking water (Option 3)?  
[1] Option 1  
[2] Option 2  
[3] Option 3: Existing water (**Skip to Q34**)
29. How certain are you in selecting option # \_\_\_\_ (**write in card number of the respondent's first preference from Q28**) as your first preference?  
[ 1 ] Very certain  
[ 2 ] Somewhat certain  
[ 3 ] Somewhat uncertain  
[ 4 ] Very uncertain  
[ -9 ] Don't know/ Unsure
30. Would you purchase option # \_\_\_\_ (**write in card number of the respondent's first preference from Q28**)?  
[ 1 ] Yes  
[ 2 ] No  
[ -9 ] Don't know/ Unsure (**skip to Q32**)
31. How certain are you that you would purchase option # \_\_\_\_ ? (**Write in card number of the respondent's first preference from Q28; read choices for respondents**)  
[ 1 ] Very certain  
[ 2 ] Somewhat certain  
[ 3 ] Somewhat uncertain  
[ 4 ] Very uncertain  
[ -9 ] Don't know/ Unsure
32. What was the most important feature of option # \_\_\_\_ (**write in card number of the respondent's first preference from Q28**) to you? (**Multiple answers possible**)  
[ 1 ] Price  
[ 2 ] Taste feature  
[ 3 ] Effectiveness  
[ 4 ] Convenience  
[ -9 ] Don't know/ Unsure
33. Why did you not prefer option # \_\_\_\_ (**write card number of the card that the respondent DID NOT select in Q28**)? (**Multiple answers possible**)  
[ 1 ] Too expensive  
[ 2 ] Don't want bad tasting water  
[ 3 ] Effectiveness was too low  
[ 4 ] Inconvenience  
[ -9 ] Don't know/ Unsure  
**→Skip to Q36**

34. Why did you not prefer option 1 to your current drinking option? **(Multiple answers possible)**
- [ 1 ] Too expensive
  - [ 2 ] Don't want bad tasting water
  - [ 3 ] Effectiveness was too low
  - [ 4 ] Inconvenience
  - [ -9 ] Don't know/ Unsure
35. Why did you not prefer option 2 to your current drinking option? **(Multiple answers possible)**
- [ 1 ] Too expensive
  - [ 2 ] Don't want bad tasting water
  - [ 3 ] Effectiveness was too low
  - [ 4 ] Inconvenience
  - [ -9 ] Don't know/ Unsure
36. You have completed four cards. Do you understand this exercise or should I explain it again for you?
- [ 0 ] No more explanation needed **(Continue)**
  - [ 1 ] Please explain again **(Enumerator: please re-read explanation of the exercise from above)**

**Fifth Set:** Here is the fifth card. **(Enumerator: show fifth card)**. Please examine the options in this card, and their different features...

37. Do you prefer Option 1, Option 2, or your existing drinking water (Option 3)?
- [1] Option 1
  - [2] Option 2
  - [3] Option 3: Existing water **(Skip to Q43)**
38. How certain are you in selecting option # \_\_\_\_ **(write in card number of the respondent's first preference from Q37)** as your first preference?
- [ 1 ] Very certain
  - [ 2 ] Somewhat certain
  - [ 3 ] Somewhat uncertain
  - [ 4 ] Very uncertain
  - [ -9 ] Don't know/ Unsure
39. Would you purchase option # \_\_\_\_ **(write in card number of the respondent's first preference from Q37)**?
- [ 1 ] Yes
  - [ 2 ] No
  - [ -9 ] Don't know/ Unsure **(skip to Q41)**
40. How certain are you that you would purchase option # \_\_\_\_ ? **(Write in card number of the respondent's first preference from Q37; read choices for respondents)**
- [ 1 ] Very certain
  - [ 2 ] Somewhat certain
  - [ 3 ] Somewhat uncertain
  - [ 4 ] Very uncertain
  - [ -9 ] Don't know/ Unsure

41. What was the most important feature of option # \_\_\_\_ (*write in card number of the respondent's first preference from Q37*) to you? (*Multiple answers possible*)
- [ 1 ] Price
  - [ 2 ] Taste feature
  - [ 3 ] Effectiveness
  - [ 4 ] Convenience
  - [ -9 ] Don't know/ Unsure
42. Why did you not prefer option # \_\_\_\_ (*write card number of the card that the respondent DID NOT select in Q37*)? (*Multiple answers possible*)
- [ 1 ] Too expensive
  - [ 2 ] Don't want bad tasting water
  - [ 3 ] Effectiveness was too low
  - [ 4 ] Inconvenience
  - [ -9 ] Don't know/ Unsure
- Skip to Q45**
43. Why did you not prefer option 1 to your current drinking option? (*Multiple answers possible*)
- [ 1 ] Too expensive
  - [ 2 ] Don't want bad tasting water
  - [ 3 ] Effectiveness was too low
  - [ 4 ] Inconvenience
  - [ -9 ] Don't know/ Unsure
44. Why did you not prefer option 2 to your current drinking option? (*Multiple answers possible*)
- [ 1 ] Too expensive
  - [ 2 ] Don't want bad tasting water
  - [ 3 ] Effectiveness was too low
  - [ 4 ] Inconvenience
  - [ -9 ] Don't know/ Unsure
45. You have completed five cards. Do you understand this exercise or should I explain it again for you?
- [ 0 ] No more explanation needed (**Continue**)
  - [ 1 ] Please explain again (**Enumerator: please re-read explanation of the exercise from above**)

**Sixth Set:** Here is the sixth card. (**Enumerator: show sixth card**). Please examine the options in this card, and their different features...

46. Do you prefer Option 1, Option 2, or your existing drinking water (Option 3)?
- [1] Option 1
  - [2] Option 2
  - [3] Option 3: Existing water (**Skip to Q52**)
47. How certain are you in selecting option # \_\_\_\_ (*write in card number of the respondent's first preference from Q46*) as your first preference?
- [ 1 ] Very certain
  - [ 2 ] Somewhat certain
  - [ 3 ] Somewhat uncertain

- [ 4 ] Very uncertain  
[ -9 ] Don't know/ Unsure
48. Would you purchase option # \_\_\_\_ (*write in card number of the respondent's first preference from Q46*)?  
[ 1 ] Yes  
[ 2 ] No  
[ -9 ] Don't know/ Unsure (*skip to Q50*)
49. How certain are you that you would or would not purchase option # \_\_\_\_ ? (*write in card number of the respondent's first preference from Q46; read choices for respondents*)  
[ 1 ] Very certain  
[ 2 ] Somewhat certain  
[ 3 ] Somewhat uncertain  
[ 4 ] Very uncertain  
[ -9 ] Don't know/ Unsure
50. What was the most important feature of option # \_\_\_\_ (*write in card number of the respondent's first preference from Q46*) to you? (*Multiple answers possible*)  
[ 1 ] Price  
[ 2 ] Taste feature  
[ 3 ] Effectiveness  
[ 4 ] Convenience  
[ -9 ] Don't know/ Unsure
51. Why did you not prefer option # \_\_\_\_ (*write card number of the card that the respondent DID NOT select in Q46*)? (*Multiple answers possible*)  
[ 1 ] Too expensive  
[ 2 ] Don't want bad tasting water  
[ 3 ] Effectiveness was too low  
[ 4 ] Inconvenience  
[ -9 ] Don't know/ Unsure  
→**Skip to next section**
52. Why did you not prefer option 1 to your current drinking option? (*Multiple answers possible*)  
[ 1 ] Too expensive  
[ 2 ] Don't want bad tasting water  
[ 3 ] Effectiveness was too low  
[ 4 ] Inconvenience  
[ -9 ] Don't know/ Unsure
53. Why did you not prefer option 2 to your current drinking option? (*Multiple answers possible*)  
[ 1 ] Too expensive  
[ 2 ] Don't want bad tasting water  
[ 3 ] Effectiveness was too low  
[ 4 ] Inconvenience  
[ -9 ] Don't know/ Unsure

## VI. TASTE TESTS

I am now going to ask you to rank your preference among three different samples of water. Unlike many sources of drinking water, which may be contaminated with things that can make you sick, each of these samples has been treated to make it very safe for drinking. However, these samples have been treated in different ways, so they might not all taste the same, and we want to know which you prefer so that we can better understand which water treatment your community most prefers. **Enumerator: Administer the three samples.**

1. Which sample did you like the best? **(Multiple answers possible if respondent likes more than one)**
  - [ 1 ] Sample 1
  - [ 2 ] Sample 2
  - [ 3 ] Sample 3
  - [ -9 ] Don't know /Not sure **(Skip to Q4)**
  
2. What did you like about \_\_\_\_\_? **(Fill in sample listed in Q1. Do not prompt, select all that apply)**
  - [ 1 ] Taste
  - [ 2 ] Consistency
  - [ 3 ] Appearance
  - [ 4 ] Smell
  - [ 95 ] Other, specify \_\_\_\_\_
  - [ -9 ] Don't know /Not sure
  
3. How does this water compare with your ordinary drinking water?
  - [ 1 ] It is better
  - [ 2 ] About the same
  - [ 3 ] It is worse
  - [ -9 ] Don't know / not sure
  
4. Which sample was your least favorite? **(Multiple answers possible if respondent dislikes more than one)**
  - [ 1 ] Sample 1
  - [ 2 ] Sample 2
  - [ 3 ] Sample 3
  - [ -9 ] Don't know/ Not sure **(skip to Q7)**
  
5. What didn't you like about \_\_\_\_\_? **( Do not prompt, select all that apply)**
  - [ 1 ] Taste
  - [ 2 ] Consistency
  - [ 3 ] Appearance
  - [ 4 ] Smell
  - [ 95 ] Other, specify \_\_\_\_\_
  - [ -9 ] Don't know /Not sure

6. How does this water compare with your ordinary drinking water?

- [ 1 ] It is better
- [ 2 ] About the same
- [ 3 ] It is worse
- [ -9 ] Don't know / not sure

7. ***For enumerator, based on responses to this section, please enter the sample bottle numbers in order of preference. If the respondent only had a first preference but not a third preference, leave the second and third spaces blank. If the respondent only had a least favorite, but not a first preference, leave the second and third spaces blank. If the respondent did not have any preferences, leave all the spaces blank and skip to the next section:***

- a. First preference: \_\_\_\_\_
- b. Second preference: \_\_\_\_\_
- c. Third preference: \_\_\_\_\_

***Enumerators: Only read this script if the respondent had a first preference. If the respondent did not have a favorite sample, skip to the next section.***

7.1 Now I am going to ask you about your willingness to pay for your preferred water option. Know that this water is high quality and perfectly safe to drink. As you know, water treatments do not all cost the same.

Do you have any questions about what I have told you? \_\_\_\_\_

7.2. I want to know if you would buy this water at a specific price. Note that I am not selling this water to you today, but I want to know your opinion.

Do you have any questions about what I have told you? \_\_\_\_\_

7.3. When you answer this question, you should consider the following factors:

- a) The current source of water you use, including its price, the cost of treatment to you, the quality and taste or smell of the water
- b) The taste and smell of the new water, the quality, and the price of this water
- c) Your household budget, and the other things you would like to spend money for.

Do you have any questions about what I have told you? \_\_\_\_\_

7.4. Let me give you some examples:

- a) First, you may not pay much for the water you currently drink, but perhaps it is of poor quality and sometimes leads to illness among those who drink it. Some people in this case will choose to buy the new water because they like the higher quality. Other people will say that the higher price of the new water is not worth the change in quality.
- b) Second, you may feel that the quality of your existing water is adequate, but the taste and smell of this water is not good. Some people in this situation will choose to buy the new water because they like the taste. Other people will find that the improved taste and smell is not justified for the higher cost.

Do you have any questions about what I have told you? \_\_\_\_\_

7.5. When you answer this question, I want you to be truthful about whether you would be willing to pay the price that I will offer you. The response you provide may be used to decide how to best serve your community with improved water. If you say “no” that you would not buy this water but actually think “yes” that you would, we may think that people in this community do not want the better water enough to justify the cost, and the community could lose the opportunity to have this improved water. On the other hand, if you or others say “yes” that you would pay the price but in reality think “no”, your community may end up



with a water supply that is expensive and that you do not want. This water system could replace other projects that would have higher benefit for your community.

Do you have any questions about what I have told you? \_\_\_\_\_

8. Would you be willing to pay \_\_\_\_\_ Riel for 200 liters of your favorite sample?

[ 1 ] Yes

[ 2 ] No

[ -9 ] Don't know/ Unsure (***Skip to next section***)

9. How certain are you that you would or would not pay \_\_\_\_\_ Riel for 200 liters of your favorite sample?

[ 1 ] Very certain

[ 2 ] Fairly certain

[ 3 ] Fairly uncertain

[ 4 ] Very uncertain

[ -9 ] Don't know/ Unsure

## VII. INCOME/ ASSETS

I am now going to ask you some questions about the income and assets of your household. This information will be kept strictly confidential, but we appreciate your honesty as it will allow us to estimate the general wealth of this community.

1. **Do not ask, observe only (multiple code):** What is the material for the floor of the house?
  - [ 1 ] Tiles
  - [ 2 ] Cement Concrete
  - [ 3 ] Stone
  - [ 4 ] Brick
  - [ 5 ] Wood / bamboos
  - [ 6 ] Earth / mud
  - [ 95 ] Other (specify \_\_\_\_\_)
  
2. **Do not ask, observe only (multiple code):** What is the material used for the walls of the house?
  - [ 1 ] Cement Concrete
  - [ 2 ] Stone and cement
  - [ 3 ] Brick
  - [ 4 ] Metal / zinc sheets
  - [ 5 ] Wood
  - [ 6 ] Mud
  - [ 7 ] Plastic / tent
  - [ 8 ] Thatch / bamboos / palm or coconut leaves, etc
  - [ 95 ] Other (specify \_\_\_\_\_)
  
3. **Do not ask, observe only (multiple code):** What is the material used for roof in the house?
  - [ 1 ] Cement Concrete
  - [ 2 ] Metal / zinc
  - [ 3 ] Fiber cement
  - [ 4 ] Tiles
  - [ 5 ] Plastic / tent
  - [ 6 ] Thatch / palm or coconut leaves etc
  - [ 95 ] Other (specify \_\_\_\_\_)
  
4. I will now ask you about the rooms in your house...
  - a. How many total rooms are in your house?: \_\_\_\_\_
  
  - b. Do you have a separate room used as kitchen?
    - [ 0 ] No
    - [ 1 ] Yes
  
  - c. Do you have separate rooms used for livestock or storage?
    - [ 0 ] No
    - [ 1 ] Yes
  
5. Does your family own or rent this house?
  - [ 1 ] Own
  - [ 2 ] Rent (**Go to Q10**)
  - [ 3 ] Neither. Live in friend/ relatives home (**Go to Q11**)
  
6. What do you think would be the market value of your house today? (**Record -9 if respondent does not know the answer or is not sure**)
  - 6A. House only: \_\_\_\_\_ Riels
  - 6B. Plot only: \_\_\_\_\_ Riels
  - 6C. House and plot: \_\_\_\_\_ Riels

**(Go to Q11)**

7. Only for renter: How many rooms do you rent and how much do you pay each month for rent? **(Record -9 if respondent does not know the or is not sure)**

7A. Number of rooms: \_\_\_\_\_  
 7B. Riels per month: \_\_\_\_\_

8. About how much money does your household spend per month?  
 -9=Don't know/not sure

8A. Food: \_\_\_\_\_ Riels  
 8B. Fuel (for cooking): \_\_\_\_\_ Riels  
 8C. Electricity: \_\_\_\_\_ Riels  
 8D. Health Expenses: \_\_\_\_\_ Riels  
 8E. Education: \_\_\_\_\_ Riels  
 8F. Transport: \_\_\_\_\_ Riels  
 8G. Landline: \_\_\_\_\_ Riels  
 8H. Cellphone: \_\_\_\_\_ Riels  
 8I. Liquor and Tobacco: \_\_\_\_\_ Riels  
 8J. Total: \_\_\_\_\_ Riels

9. About how much money does your household earn per month?  
 -9=Don't know/not sure

12A. Salaries/wages: \_\_\_\_\_ Riels  
 12B. Sales of agricultural production: \_\_\_\_\_ Riels  
 12C. Rental for house/ land/ equipment: \_\_\_\_\_ Riels  
 12D. Self-employment: \_\_\_\_\_ Riels  
 12E. Remittances: \_\_\_\_\_ Riels  
 12F. Other (specify: \_\_\_\_\_): \_\_\_\_\_ Riels

#	ACTION	10. Has your household [ACTION] in last 2 years? <i>(Read answers)</i>  0=No 1=Yes -9=Don't know/ Not sure	11. How many acres of land did your household [ACTION]?  -9=Don't know/not sure  <i>(Ask only for items that the respondent answered yes to in Q13)</i>	12. What will be the market value of this land today (in Riels)?  -9=Don't know/ not sure  <i>(Ask only for items that the respondent answered yes to in Q13)</i>
1	Own or buy crop land	0 1 -9		
2	Take crop land on lease	0 1 -9		
3	Give crop land on lease	0 1 -9		
4	Sell crop land	0 1 -9		

How many [ANIMAL] does your household currently own?

#	Animal	13. How many of the following animals does your household currently own?  -9=Don't know/ not sure
1	Cows	

2	Horses	
3	Pigs	
4	Goats/sheep	
95	Other valuable livestock (specify: _____)	

How many [ASSET] does your household currently own?

#	Asset/ consumer durables	14. How many [ASSET] does your household currently own? -9=Don't know/ not sure
1	Refrigerators	
2	Electric fan	
3	Television	
4	Bicycle	
5	Motorcycle	
6	Car or truck	
7	Tractor	
8	Cellphone	
9	Mosquito net	

***If not continuing to Section 8, say:***

Thank you for your time and participation!

## VIII. REVEALED PREFERENCE SCENARIO

*For non RCT communities only*

We are almost finished, and only have one more task to complete. Now that you have had a chance to taste the different products and think about their advantages and disadvantages, I want to know whether you are willing to actually buy any of these water treatment products. You do not have to buy any products; we simply want to give you the opportunity to buy them if you decide you like them and find the price to be acceptable.

We are going to tell you more about the products you tasted and compared in the earlier questions. After I tell you about these products, if you are interested in purchasing them at a lower price, either my supervisor or I will return later today to deliver the products. When we return, we will clarify which treatment product corresponded to your favorite sample.

**Enumerator: Do not ask**

1. **From previous, record the sample bottle numbers in the order of that the respondent prefer?**

a. First \_\_\_\_\_ b. Second \_\_\_\_\_ c. Third \_\_\_\_\_

These water samples were treated in different ways. Two of the samples were treated with a method that involves adding a tablet to 20 liters of water, mixing it well by stirring, and waiting 30 minutes before drinking. There were two types of tablets for that method, which have different taste and smell. The third sample was bottled water, just like the water you can purchase in some stores around your village. You can drink the water from any of these types and be certain that it will not make you sick. Alternatively, if you drink untreated water straight from the tap you might get sick. The two different tablets are totally safe and have been developed for use in communities like yours where there are sometimes problems with contaminated water.

2. Do you have any questions about what I have told you?

\_\_\_\_\_

3. Do you understand how the products are used? Yes \_\_\_ No \_\_\_

4. Please repeat to me how you use the products (**Enumerator: check all that are stated, then explain any items left out by the respondent or correct respondent if other steps are mentioned**)

(1) Add a tablet to 20 liters amount of water \_\_\_\_\_

(2) Mix water well by stirring \_\_\_\_\_

(3) Wait 30 minutes before drinking \_\_\_\_\_

(4) Other steps mentioned \_\_\_\_\_

Please specify \_\_\_\_\_

5. Do you trust that both the tablet products are safe to use and effective for cleaning water?

[1] Yes, both are safe

[2] No, neither are safe

[3] Only one is safe. Please specify which one \_\_\_\_\_

Later today, my supervisor or I will return to give you the opportunity to buy the treatment product you preferred that uses the method described above. Before you respond, I will explain to you how this is going to work. First, I will ask you to tell me how much you would pay for one package of the product, which contains 10 tablets, and can treat 200 liters in total (remember that each tablet is good for treating 20 liters). This is not the price you will actually pay for the product. This is just the highest price you would be willing to pay for the product.

Then, without looking, you will draw a piece of paper out of this bag. (**Enumerator: show bag to the respondent**). These pieces of paper have one price written on them. All of the prices are lower than the market price for the water treatment

product, so no matter what, you will get a discount.

If the price on the paper is lower than the price you told me initially, you will buy the product at the discounted price listed on the paper, not at the one you told me. You only have to buy this product at that price if my supervisor or I confirm later today that this product was in fact used to treat your favorite sample of water. If it was not, you are under no obligation to buy the product at the discounted price, but you still may.

If you consider this transaction carefully, you will understand that the price you draw from this bag is in no way connected to the price you state you are willing to pay. You will see that you have every reason to tell the truth about the highest price you would be willing to pay for each product. For example, if you give me a price that is lower than the one you would pay, you might draw a price that is higher and miss the chance to gain the product even though you would be willing to buy it at that price. However, if you give a price that is higher than you would be willing to pay, you may end up having to pay a price that is higher than you really want to pay. So, it makes sense for you to tell me the truth about your maximum price. This is also important for our research because we want to know what you really think about these products.

Do you have any questions about how this will work? \_\_\_\_\_

Please note that, no matter what happens, we will not force you to pay the price you draw, but we would appreciate it if you tell us the truth and participate honestly since we are trying to understand how people like you value clean water that is treated in different ways and has different tastes.

Let us practice with a simple product that you know well: **[Perhaps a packet of soap]**. The market price for this product is 1000 Riel. If you tell me you would pay 1500 Riel but would really be willing to pay the market price of 500 Riel, you might draw a price of 800 Riel and lose the chance to have the soap at a price of 800 Riel. If you tell me 500 but would really be willing to pay only 1500 Riel, you may draw 800 Riel and then have to pay a higher price than you want to pay for the soap.

6. What is the highest price you would pay for this product [soap]? \_\_\_\_\_ Riel

Please draw a paper out of this bag. **Enumerator, allow the respondent to draw a price from the bag with the soap prices. If the respondent draws a price that is lower than the price recorded in Q8, ask the respondent to pay the price. Do not force the respondent to pay if he / she changes his / her mind, but if this occurs, remind the respondent that we really want him / her to tell the truth next time about how much he / she is willing to pay. If the respondent draws a price that is higher than the price recorded in Q6, the respondent does not buy the product.**

7. This was for practice, so you can keep the soap and money (**Enumerator: please return the money and give the soap to the respondent**). Now that you have had this practice, do you have any questions about how this works?

\_\_\_\_\_  
**Enumerator: if the respondent is confused, please clarify questions or reread the explanation.**

Now we will repeat this exercise for the product we discussed previously.

8. What is the highest price you would pay for a product that treats water similar to your favorite water sample?  
\_\_\_\_\_ Riel
9. What is the highest price you would pay for a product that treats water similar to your second favorite water sample? \_\_\_\_\_ Riel

**Enumerator, allow the respondent to draw a price from the bag with the water treatment product prices.**

10. **Enumerator, record the price drawn from the bag here** \_\_\_\_\_ Riel

**If the respondent draws a price that is lower than the prices recorded in Q8 and Q9, tell the respondent:**

Later in the day, a member of our team will return to inform you which product you preferred, and give you the opportunity to buy it at the price you drew from the hat, which is lower than the prices you told me you would be willing to pay for it. Do you have any questions?

---

***If the respondent draws a price that is lower than the price recorded in Q8 only, tell the respondent:***

Later in the day, a member of our team will return to inform you if your favorite product is one of the treatment products I described. If it is, he/she will give you the opportunity to buy it at the price you drew from the hat, which is lower than the price you told me you would be willing to pay for it. If your favorite sample was bottled water, you will still have a chance to buy your second choice at that price, if you change your mind and decide you would actually be willing to pay this price. Do you have any questions?

---

***If the respondent draws a price that is higher than the prices recorded in Q8 and Q9, tell the respondent:***

Later in the day, a member of our team will return to inform you which treatment product you preferred. He/she will then give you the opportunity to buy it at the price you drew from the hat, even though it is higher than the price you told me you would be willing to pay for it. If your favorite sample was bottled water, you will still have a chance to buy your second choice at that price, if you decide you would actually be willing to pay this price. Do you have any questions?

---

Later today, my supervisor or I will also return with some follow up questions on this exercise.

**Supervisor follow up**

I will now tell you which water sample was your favorite, which was your second favorite, and which was your least favorite...

***Before follow-up, record the sample bottle numbers and types in the order that the respondent preferred?***

11. a. First choice sample number \_\_\_\_\_ b. Type: (1) Bottled water  
(2)\_Regular Aquatabs  
(3) TM Aquatabs\_
12. a. Second choice sample number \_\_\_\_\_ b. Type: (1) Bottled water  
(2)\_Regular Aquatabs  
(3) TM Aquatabs\_
13. a. Third choice sample number \_\_\_\_\_ b. Type: (1) Bottled water  
(2)\_Regular Aquatabs  
(3) TM Aquatabs\_
14. Your favorite sample was \_\_\_\_\_. (***Please read sample type from question 11, written in by supervisor).***)
15. Your second favorite was \_\_\_\_\_. (***Please read sample type from question 12, written in by supervisor).***)
16. Your least favorite was \_\_\_\_\_. (***Please read sample type from question 13, written in by supervisor).***)

***Enumerator / supervisor: Read only the description that is checked below.***

---

- Supervisor, check here if the respondent's stated prices for both the favorite and second favorite samples were lower than the price listed on the paper.**

Earlier today, you stated that you would buy your favorite and second favorite products at a price lower than the price you drew from the paper. The price you stated was \_\_\_\_ Riel. The price listed on the paper was \_\_\_\_ Riel. Since you said you would not pay the price you drew, you do not have to purchase either product. However, you may still purchase the products if you want.

17. Would you like to purchase either of the products described above at the price you drew from the paper earlier, which was \_\_\_\_ Riel?
- [ 1 ] No (proceed with debriefing)
- [ 2 ] Yes, the product that treated my favorite sample, if not bottled water (**sell product and proceed with debriefing**)
- [ 3 ] Yes, the product that treated my second favorite sample, if not bottled water (**sell product and proceed with debriefing**)
- [ 4 ] Yes, both non bottled water products (**sell product and proceed with debriefing**)
- [ 5 ] Yes, the product that treated my third favorite sample, if not bottled water (**sell product and proceed with debriefing**)

I want to ask you some questions about your response to this exercise. **Skip to Question 23.**

---

- Supervisor, check here if the respondent's stated price for either of the favorite two samples was higher than the price listed on the paper:**

Earlier today, you stated that you would buy your first or second favorite products at a price higher than the price you drew from the paper. The price you stated was \_\_\_\_ Riel for your favorite sample, and \_\_\_\_ Riel for your second favorite sample. The price listed on the paper was \_\_\_\_ Riel.

**If both favorite products are Aquatabs and TM Aquatabs, read the following:**

**If the first choice in question 14 corresponds to the option "Aquatabs"/TM Aquatabs", read the following:**

As I just informed you, your two preferred product are called Aquatabs and TM Aquatabs (**Choose appropriate option based on the information in question 14**). These are treatment products that makes the water clean; when you drink water treated with this product it eliminates elements of the water that can make you sick. They are totally safe and have been developed for use in communities like yours where there are sometimes problems with contaminated water. You can now purchase these products at the price that you drew earlier today, which were \_\_\_\_ Riel for your favorite product, for 10 tablets that treat 200 liters of water and \_\_\_\_ Riel for your second favorite product, for 10 tablets that treat 200 liters of water.

**(Sell the product to the respondent for the price they drew from the paper. Skip to debriefing questions).**

18. \_\_\_\_ Respondent purchased both products at the price they drew from the paper
- \_\_\_\_ Respondent only purchased favorite product at the price they drew from the paper
- \_\_\_\_ Respondent only purchased second favorite product at the price they drew from the paper
- \_\_\_\_ Respondent did not purchase either product at the price they drew from the paper

**If the first choice in question 14 corresponds to the option "None (bottled water)" and second choice in question 14 corresponds to "Aquatabs"/TM Aquatabs read the following:**

Your preferred product is bottled water. This is treated water that is clean; it does not have any elements that can make you sick. Unfortunately, as you know, bottled water is very expensive. Your second favorite was called Aquatabs / TM Aquatabs (**Choose appropriate option based on the information in question 15**). This is a treatment product that makes the water clean; when you drink water treated with this product it eliminates elements of the water that can make you sick. It is totally safe and has been developed for use in communities like yours where there are sometimes problems with contaminated water. You can now purchase this product at the price that you drew earlier today, which was \_\_\_\_ Riel, for 10 tablets that treat 200 liters of water.



Since these products were not your favorite choices, you do not have to purchase either product. However, you may still purchase the products if you want.

**(Sell the product to the respondent for the price they drew from the paper. Skip to debriefing questions).**

19. \_\_\_\_ Respondent purchased their second favorite product at the price they drew from the paper  
\_\_\_\_ Respondent did not purchase their second favorite product at the price they drew from the paper

**If the first choice in question 14 corresponds to the option "Aquatabs"/TM Aquatabs and second choice in question 14 corresponds to Bottled Water read the following:**

Your preferred product is "Aquatabs/ TM Aquatabs" **(Choose appropriate option based on the information in question 15)**. This is a treatment product that makes the water clean; when you drink water treated with this product it eliminates elements of the water that can make you sick. It is totally safe and has been developed for use in communities like yours where there are sometimes problems with contaminated water. Your second preferred product is bottled water. This is treated water that is clean; it does not have any elements that can make you sick. Unfortunately, as you know, bottled water is very expensive. However, you can purchase your favorite product at the price that you drew earlier today, which was \_\_\_\_ Riel, for 10 tablets that treat 200 liters of water.

**(Sell the product to the respondent for the price they drew from the paper. Skip to debriefing questions).**

20. \_\_\_\_ Respondent purchased their favorite product at the price they drew from the paper  
\_\_\_\_ Respondent did not purchase their favorite product at the price they drew from the paper

### **Skip to Question 23**

---

**Supervisor, check here if the respondent's stated price for only the favorite sample was higher than the price listed on the paper:**

Earlier today, you stated that you would buy your favorite product only at a price higher than the price you drew from the paper. The price you stated was \_\_\_\_ Riel for your favorite sample, and \_\_\_\_ Riel for your second favorite sample. The price listed on the paper was \_\_\_\_ Riel.

**If the first choice in question 14 corresponds to the option "Aquatabs"/TM Aquatabs, read the following:**

As I just informed you, your preferred product is called "Aquatabs"/"TM Aquatabs" **(Choose appropriate option based on the information in question 14)**. This is a treatment product that makes the water clean; when you drink water treated with this product it eliminates elements of the water that can make you sick. It is totally safe and has been developed for use in communities like yours where there are sometimes problems with contaminated water. You can now purchase this product at the price that you drew earlier today, which was \_\_\_\_ Riel, for 10 tablets that treat 200 liters of water.

**(Sell the product to the respondent for the price they drew from the paper. Skip to debriefing questions).**

21. \_\_\_\_ Respondent purchased the product at the price they drew from the paper  
\_\_\_\_ Respondent did not purchase the product at the price they drew from the paper

**If the first choice in question 14 corresponds to the option "None (bottled water)", read the following:**  
Your preferred product is bottled water. This is treated water that is clean; it does not have any elements that can make you sick. Unfortunately, as you know, bottled water is very expensive. There are also two other products that make your water clean that are much less expensive, but you did not like their taste as much. Your second favorite was called Aquatabs / TM Aquatabs **(Choose appropriate option based on the information in question 15)**. This is a treatment product that makes the water clean; when you drink water treated with this

product it eliminates elements of the water that can make you sick. It is totally safe and has been developed for use in communities like yours where there are sometimes problems with contaminated water. You can now purchase this product at the price that you drew earlier today, which was \_\_\_\_\_ Riel, for 10 tablets that treat 200 liters of water. Since this product was not your favorite choice, and you said you would not pay the price you drew, you do not have to purchase either product. However, you may still purchase the products if you want.

22. Would you like to purchase either of the products described above at the price you drew from the paper earlier, which was \_\_\_\_\_ Riel?
- [ 1 ] No (proceed with debriefing)
  - [ 2 ] Yes, the product that treated my second favorite sample (sell product and proceed with debriefing)
  - [ 3 ] Yes, the product that treated my third favorite sample (sell product and proceed with debriefing)
  - [ 4 ] Yes, both (sell product and proceed with debriefing)

**Skip to Question 23**

**Debriefing**

23. If you were to play this game again, would you change the maximum prices you stated before?

Yes \_\_\_\_\_ No \_\_\_\_\_ (**End Questionnaire**)

24. What prices would you pay?

- (1) What is the highest price you would pay for your preferred water? \_\_\_\_\_ Riel
- (2) What is the highest price you would pay for your second favorite water? \_\_\_\_\_ Riel

25. Why would you change your prices?

- (1) My stated prices were too low; I lost the chance to obtain my preferred product \_\_\_\_\_
- (2) My stated prices were too high; I paid too much \_\_\_\_\_
- (3) I did not understand the procedure \_\_\_\_\_
- (95) Other; please specify: \_\_\_\_\_
- (-9) Don't know / not sure

**(Enumerator, if the prices listed in Q24 are lower than the prices drawn from the bag, offer to allow the respondent to buy the products at their new stated prices. If not, end questionnaire.)**

26. Your new stated price for your preferred water is still lower than the price you drew from the bag. Would you like to purchase the product to treat this water at the new price?
- Yes \_\_\_\_\_ No \_\_\_\_\_
27. Your new stated price for your second favorite water is still lower than the price you drew from the bag. Would you like to purchase the product to treat this water at the new price?
- Yes \_\_\_\_\_ No \_\_\_\_\_

**Thank you for your time and participation!**