

**Questionnaire**

**City** -----

**Interviewer** -----

**Cluster** -----

**Household** -----

**Respondent** -----

Visits				
	1	2	3	Last visit
Date	--/~/----	--/~/----	--/~/----	--/~/----
Interviewer	-	[ ][ ]	[ ][ ]	[ ][ ]
Result	[ ][ ] [ ][ ]	[ ][ ]	[ ][ ]	[ ][ ]
Planned visit: Date: Time: Location:	_____ _____ _____ _____	_____ _____ _____ _____		Total Number of Visits [ ]

Address	<input type="text"/>
Telephone	<input type="text"/>
Head of the HH	<input type="text"/>

Field work manager	Supervisor	Recision specialist	Date
Code [ ][ ]	Code [ ][ ]	Code [ ][ ]	
Day [ ][ ]	Day [ ][ ]		Day [ ][ ]
Month [ ][ ]	Month [ ][ ]		Month [ ][ ]
Year [ ][ ][ ]	Year [ ][ ][ ]		Year [ ][ ][ ]

Qulaity qontrol procedure was conducted	1
Qulaity qontrol procedure was not conducted	2

Water audit part was conducted	1
Water audit part was not conducted	2

School followup was conducted	1
School followup was not conducted	2

## Living arrangement

Private house			1
	One HH lives in the house	1	
	More then one HH live in the house	2 [ _ _ _ ]	
Block			2
	Flor	[ _ _ _ ]	
	Total number of flors	[ _ _ _ ]	
Italian yeard			3
	Number of HHs living in the yeard	[ _ _ _ ]	

## Section S: HH Structure

### S 1. HH structure

S1.1. ID	S1.2 Names of HH members	S1.3 Gender		S1.4 Age	S1.5 Education	S1.6 Merital status	S1.7 Health condition		
		Male	Female				Healthy	With health problems time by time	With permanent health problems
1		1	2				1	2	3
2		1	2				1	2	3
3		1	2				1	2	3
4		1	2				1	2	3
5		1	2				1	2	3
6		1	2				1	2	3
7		1	2				1	2	3
8		1	2				1	2	3
9		1	2				1	2	3
10		1	2				1	2	3

## Section L. Water sources

L 1. Please tell me, in general, which water sources does your family use? **Several answers possible**

Municipal water only (piped to the HH)	1	Municipal water consumers	Alternative water consumers
Municipal (piped to the HH) and alternative water	2		
Alternative water supply only	3		

L 2. **Ask only those of respondents who consume both municipal and alternative water sources, i.e. code "2" indicated under L1.** You said you consume both municipal and alternative water sources, please tell, what is the share of municipal water in your overall family water consumption and what is the share of water from the alternative water supply system?

Share of water consumption from municipal water supply system	
Share of water consumption from alternative water supply system	
	100%

L 3. **Show the card L3. Ask all respondents.** Please, look at the card and tell me, what is the total amount of water consumed by your household from any of the sources and approximately what share is used for the following purposes:

Any kind of activity <u>within</u> the household (drink, wash, bath, trim, etc.)	
Any kind of activity <u>outside</u> the household (for garden watering, to wash car, carpets, pets, etc.)	
Economic activities (car wash station)	
	100%

**Interviewer shall explain to respondent the principle of seasonal division, i.e. what period is meant with each season**

## Section M. Municipal water

**Use of municipal water for drink.** Section filled only with respondents that use municipal water, i.e. codes "1" and "2" indicated in L1.

Now, I would like to ask you several questions in regards with the municipal water supply system:

<b>M 1.</b> When was your household using the municipal water supply system?		Year
<b>M 2.</b> How much did your household pay to get connected to municipal water supply system?		Lari
<b>M 3.</b> What was the cost of installation of water system?		Lari
<b>M 4.</b> Apart from your family, how many households share this connection?		Amount

**M 5.** Please tell, does your household use municipal water for drinking?

Yes	1	Continue
No	2	Go to M7

**M 6.** Now, please give me more details about the household use of municipal water for drinking.  
Does your household use municipal potable water? .

	<b>M2.1 High season</b>		<b>M2.2 Shoulder season</b>		<b>M2.3 Low season</b>	
	Yes	No	Yes	No	Yes	No
For children under 6	1	2	1	2	1	2
For school age girls	1	2	1	2	1	2
For school age boys	1	2	1	2	1	2
For healthy adults	1	2	1	2	1	2
For aged or disabled members of family	1	2	1	2	1	2
I don't know / question rejected	99	99	99	99	99	99

**M 7.** Please tell, do you drink municipal water directly or after treatment? **Several answers possible**

	<b>M3.1 High season</b>	<b>M3.2 Shoulder season</b>	<b>M3.3 Low season</b>	
Our household drinks municipal water without cleaning it	1	1	1	Continue if water is treated in any season. Otherwise go to M10
Our household drinks municipal water after it is cleaned	2	2	2	

**M 8.** Please tell, with what method do you treat / clean municipal water before drinking? **Several answers possible**

stalling	1
boiling	2
freezing	3
Other <b>specify</b>	
Other <b>specify</b>	

**M 9.** Please tell, approximately what amount of potable municipal water does your household clean per day? **Indicate in liters**

<b>M9.1 High season</b>	<b>M9.2 Shoulder season</b>	<b>M9.3 Low season</b>
_____ liters	_____ liters	_____ liters

## Perception of municipal water

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**M 10. Show the card M10.** I would like to ask you several questions in regards with the safety of water. Please look at the card and tell me how safe do you think the municipal water is in each season? Use 5 points scale where 1 means “very unsafe” and 5 means “absolutely safe”.

	M10.1 High season	M10.2 Shoulder season	M10.3 Low season
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor sae	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**M 11.** Please tell, does the safety of municipal water change with weather in each season?  
**Several answers possible per column**

	M11.1 High season	M11.2 Shoulder season	M11.3 Low season
change	1	1	1
does not change	2	2	2
I don't know / question rejected	99	99	99

**M 12. Show the card M12.** Look at the card and tell me how safe do you think the municipal water was per each season **five years ago**? Use 5 points scale where 1 means “very unsafe” and 5 means “absolutely safe”.

	M12.1 High season	M12.2 Shoulder season	M12.3 Low season
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor sae	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**M 13. Show the card M13.** Look at the card and tell me how safe do you think the municipal water was per each season **ten years ago**? Use 5 points scale where 1 means “very unsafe” and 5 means “absolutely safe”

	M13.1 High season	M13.2 Shoulder season	M13.3 Low season
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor sae	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**M 14. Show the card M14.** Please assess the taste of municipal water per each season? Use 5 points scale where 1 means “very rough taste” and 5 means “no taste at all”.

	<b>M14.1 High season</b>	<b>M14.2 Shoulder season</b>	<b>M14.3 Low season</b>
very rough taste	1	1	1
rough taste	2	2	2
more or less	3	3	3
slightly rough taste	4	4	4
no taste at all	5	5	5
I don't know / question rejected	99	99	99

**M 15. Show the card M15.** Please assess the smell of municipal water per each season? Use 5 points scale where 1 means “very rough smell” and 5 means “no smell at all”.

	<b>M15.1 High season</b>	<b>M15.2 Shoulder season</b>	<b>M15.3 Low season</b>
very rough smell	1	1	1
rough smell	2	2	2
more or less	3	3	3
slightly rough smell	4	4	4
no smell at all	5	5	5
I don't know / question rejected	99	99	99

**M 16. Show the card M16.** Please assess the cleanness (dirt and small swimming parts) of municipal water per each season? Use 5 points scale where 1 means “very dirty” and 5 means “very clean”.

	<b>M16.1 High season</b>	<b>M16.2 Shoulder season</b>	<b>M16.3 Low season</b>
very dirty	1	1	1
dirty	2	2	2
more or less dirty	3	3	3
clean	4	4	4
very clean	5	5	5
I don't know/question rejected	99	99	99

**M 17. Show the card M17.** Please assess the color (turbid or not) of municipal water per each season? Use 5 points scale where 1 means “not transparent at all” and 5 means “absolutely transparent”

	<b>M17.1 High season</b>	<b>M17.2 Shoulder season</b>	<b>M17.3 Low season</b>
not transparent at all	1	1	1
not transparent	2	2	2
more or less transparent	3	3	3
transparent	4	4	4
absolutely transparent	5	5	5
I don't know/question rejected	99	99	99

**M 18. Show the card M18.** Please, tell me, in general, how satisfied you are with all qualities above (taste, smell, color) of municipal source water? Use 5-point scale for assessment, where 1 means “very unsatisfied” and 5 – “very satisfied”.

	<b>M18.1 High season</b>	<b>M18.2 Shoulder season</b>	<b>M18.3 Low season</b>
very unsatisfied	1	1	1
unsatisfied	2	2	2
more or less unsatisfied	3	3	3
satisfied	4	4	4
very satisfied	5	5	5
I don't know/question rejected	99	99	99

### Schedule of municipal water

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**M 19.** How many days per week are you supplied with municipal water? *Specify*

**M 20.** Approximately how many hours per day are you supplied with municipal water? *Specify*

		<b>1 High season</b>	<b>2 Shoulder season</b>	<b>3 Low season</b>
<b>M19</b>	days per week	_____ days	_____ days	_____ days
<b>M20</b>	hours per day	_____ hours	_____ hours	_____ hours

**M 21. Show the card M21.** Please, tell me, what is your overall satisfaction with municipal water schedule? Use 5-point scale for assessment, where 1 means “very unsatisfied” and 5 – “very satisfied”.

very unsatisfied	1
unsatisfied	2
more or less unsatisfied	3
satisfied	4
very satisfied	5
I don't know/question rejected	99

**M 22. Ask only those who are not provided with 24 hours water supply.** Please, tell me, how uncomfortable do you and members of your household feel about the limited water supply? Use 5-point scale for assessment, where 1 means “very uncomfortable” and 5 – “no discomfort at all”

	children under 6	school age boys	school age girls	healthy adult men	healthy adult women	aged or disabled men	aged or disabled women
very uncomfortable	1	1	1	1	1	1	1
uncomfortable	2	2	2	2	2	2	2
more or less uncomfortable	3	3	3	3	3	3	3
almost no discomfort	4	4	4	4	4	4	4
no discomfort at all	5	5	5	5	5	5	5
I don't know/question rejected	99	99	99	99	99	99	99

**M 23. Show the card M22.** Now I would like to talk about the schedule of municipal water supply. Please, look at this card and tell me, how reliable per each season do you think the municipal water supply schedule is? Use 5-point scale for assessment, where 1 means “not reliable at all” and 5 – “very reliable”.

	M23.1 High season	M23.2 Shoulder season	M23.3 Low season
not reliable at all	1	1	1
not reliable	2	2	2
more or less reliable	3	3	3
reliable	4	4	4
very reliable	5	5	5
I don't know/question rejected	99	99	99

**M 24. Show the card M24.** Please, tell me, in terms of the existing schedule, how reliable is the pressure (whether the pressure is changing or reducing)? Use 5-point scale for assessment, where 1 means “not reliable at all” and 5 – “very reliable”.

	M24.1 High season	M24.2 Shoulder season	M24.3 Low season
not reliable at all	1	1	1
not reliable	2	2	2
more or less reliable	3	3	3
reliable	4	4	4
very reliable	5	5	5
I don't know/question rejected	99	99	99

**M 25.** Please tell me, what is the maximum amount of days in season your hh can go without any municipal water (no water at all) so that your hh suffers no significant problems?

**M 26.** Please tell me, what is the maximum amount of days in season he can go with low pressure municipal water?

**M 27.** Please tell me, what was the longest period for the last year you can recall (number of days) in season without municipal water? How many days did this last?

		1 High season	2 Shoulder season	3 Low season
M25	without any municipal water			
M26	low pressure municipal water			
M27	one-time case without municipal water (maximum number of days)			

**M 28.** Please tell me, whether within the recent one year your hh had any problem due to low pressure municipal water supply?

Yes	1	<b>continue</b>
No	2	<b>go to section B</b>

**M 29.** Did you apply to any official structures to solve the problem of water supplied under low pressure? **Several answers possible**

none	0	<b>go to section B</b>
applied to governor's office / municipality / sakrebulo		<b>continue</b>
applied to local water supplier		
other <b>specify</b>		

**M 30. Show the card L30.** Please look at the card and tell me, what was the result of your action for solving the problem of low pressure of municipal water supply? Use 5-point scale for assessment, where 1 means "absolutely no result" and 5 – "very good result".

absolutely no result	1
no result	2
more or less result	3
good result	4
very good result	5
I don't know/question rejected	99

**Section B. Alternative water** Section filled only with respondents that use alternative water, i.e. codes "2" and "3" indicated in L1.

**B 1.** Please tell, which alternative water sources does your hh use? **Several answers possible**

Private Water Well	1
Spring Or Distant Water Source (by pipe)	2
Tanker Truck Water	3
Bottled Water (due to necessity, not free choice)	4
Manual Collection From A Municipal Water Source (e.g., a public tap)	5
Manual Collection From Alternative Water Source	6

## Use of potable alternative water

**B 2.** Please tell, which of the sources of alternative water you named does your hh use or drinking?

Private Water Well	1
Spring Or Distant Water Source (by pipe)	2
Tanker Truck Water	3
Bottled Water (due to necessity, not free choice)	4
Manual Collection From A Municipal Water Source (e.g., a public tap)	5
Manual Collection From Alternative Water Source	6

**B 3.** Now, please give me more details about the household use of alternative water for drinking. Does your household use alternative potable water for? .

	B3.1 High season		B3.2 Shoulder season		B3.3 Low season	
	Yes	No	Yes	No	Yes	No
For children under 6	1	2	1	2	1	2
For school age girls	1	2	1	2	1	2
For school age boys	1	2	1	2	1	2
For healthy adults	1	2	1	2	1	2
For aged or disabled members of family	99	99	99	99	99	99

**B 4.** Please tell, do you drink alternative water directly or after treatment? **Several answers possible**

	B4.1 High season	B4.2 Shoulder season	B4.3 Low season	
Our household drinks alternative water without cleaning it	1	1	1	Continue if water is treated in any season. Otherwise go to B7
Our household drinks alternative water after it is cleaned	2	2	2	

**B 5.** Please tell, with what method do you treat / clean alternative water before drinking? **Several answers possible**

stailing	1
boiling	2
freezing	3
Other <b>specify</b>	
Other <b>specify</b>	

**B 6.** Please tell, approximately what amount of potable alternative water does your household clean per day? **Indicate in liters**

L5.1 High season	L5.2 Shoulder season	L5.3 Low season
_____ liters	_____ liters	_____ liters

**Perception of alternative water**

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**B 7. Show the card B7.** Now, I would like to ask you several questions in regards with the safety of water. Please look at the card and tell me how safe do you think the alternative water is in each season? Use 5 points scale where 1 means “very unsafe” and 5 means “absolutely safe”.

	<b>B7.1 High season</b>	<b>B7.2 Shoulder season</b>	<b>B7.3 Low season</b>
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor sae	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**B 8.** Please tell, does the safety of alternative water change with weather in each season?  
**Several answers possible per column**

	<b>B8.1 High season</b>	<b>B8.2 Shoulder season</b>	<b>B8.3 Low season</b>
change	1	1	1
does not change	2	2	2
I don't know / question rejected	99	99	99

**B 9. Show the card B9.** Look at the card and tell me how safe do you think the alternative water was per each season **five years ago**? Use 5 points scale where 1 means “very unsafe” and 5 means “absolutely safe”.

	<b>B9.1 High season</b>	<b>B9.2 Shoulder season</b>	<b>B9.3 Low season</b>
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor sae	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**B 10. Show the card B10.** Look at the card and tell me how safe do you think the alternative water was per each season **ten years ago**? Use 5 points scale where 1 means “very unsafe” and 5 means “absolutely safe”.

	<b>B10.1 High season</b>	<b>B10.2 Shoulder season</b>	<b>B10.3 Low season</b>
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor sae	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**B 11. Show the card B11.** Please assess the taste of alternative water per each season? Use 5 points scale where 1 means “very rough taste” and 5 means “no taste at all”.

	<b>B11.1 High season</b>	<b>B11.2 Shoulder season</b>	<b>B11.3 Low season</b>
very rough taste	1	1	1
rough taste	2	2	2
more or less	3	3	3
slightly rough taste	4	4	4
no taste at all	5	5	5
I don't know / question rejected	99	99	99

**B 12. Show the card L12.** Please assess the smell of alternative water per each season? Use 5 points scale where 1 means “very rough smell” and 5 means “no smell at all”.

	<b>B12.1 High season</b>	<b>B12.2 Shoulder season</b>	<b>B12.3 Low season</b>
very rough smell	1	1	1
rough smell	2	2	2
more or less	3	3	3
slightly rough smell	4	4	4
no smell at all	5	5	5
I don't know / question rejected	99	99	99

**B 13. Show the card B13.** Please assess the cleanness (dirt and small swimming parts) of alternative water per each season? Use 5 points scale where 1 means “very dirty” and 5 means “very clean”.

	<b>B13.1 High season</b>	<b>B13.2 Shoulder season</b>	<b>B13.3 Low season</b>
very dirty	1	1	1
dirty	2	2	2
more or less dirty	3	3	3
clean	4	4	4
very clean	5	5	5
I don't know/question rejected	99	99	99

**B 14. Show the card B14.** Please assess the color (turbid or not) of alternative water per each season? Use 5 points scale where 1 means “not transparent at all” and 5 means “absolutely transparent”

	<b>B14.1 High season</b>	<b>B14.2 Shoulder season</b>	<b>B14.3 Low season</b>
not transparent at all	1	1	1
not transparent	2	2	2
more or less transparent	3	3	3
transparent	4	4	4
absolutely transparent	5	5	5
I don't know/question rejected	99	99	99

**B 15. Show the card B15.** Please, tell me, in general, how satisfied you are with all qualities above (taste, smell, color) of alternative source water? Use 5-point scale for assessment, where 1 means “very unsatisfied” and 5 – “very satisfied”.

	<b>B15.1 High season</b>	<b>B15.2 Shoulder season</b>	<b>B15.3 Low season</b>
very unsatisfied	1	1	1
unsatisfied	2	2	2
more or less unsatisfied	3	3	3
satisfied	4	4	4
very satisfied	5	5	5
I don't know/question rejected	99	99	99

**Use of well water as the alternative water source.** Questions B16-B42 for those who use well as the alternative source of water, i.e. code “1” in B1. If not, go to B43

Now, I would like to ask several questions about the costs of use of well:

**B 16.** Please tell, how many wells does your hh use?  
 ----- **specify the number**

**B 17.** For each well, **fill as many columns as in B16**

	I well	II well	III well	
B17.1 how many households share this well? <b>specify the number</b>				
B17.2 does your hh own this well?	yes	1	1	1
	no	2	2	2

	I well	II well	III well	
<b>B 18.</b> When was the well installed?				year
<b>B 19.</b> How deep is the well?				meters
<b>B 20.</b> How long a pipe is used for this well?				meters
<b>B 21.</b> What is the total cost of pipe used or this well?				Lari
<b>B 22.</b> What was the cost of digging and installing of this well? <b>Cost of pipe not included</b>				Lari
<b>B 23.</b> How long will it take before you have to change or repair the well?				months
<b>B 24.</b> Approximately how much will you have to pay to change the well?				Lari
<b>B 25.</b> Approximately how much will you have to pay to repair the well?				Lari
<b>B 26.</b> Please tell, do you have a pump installed on your well?	I well	II well	III well	
yes	1	1	1	
no <b>if with all three columns you have code “2”, go to B34, otherwise continue for all wells</b>	2	2	2	
<b>B 27.</b> What is the capacity of the pump?				q.h.

<b>B 28.</b> What is the price of pump? <i>If well is provided with several pumps, indicate the aggregate price</i>									Lari	
<b>B 29.</b> How long will it take before you have to change or repair the water pump?									months	
<b>B 30.</b> Approximately how much will you have to pay to change the pump?									Lari	
<b>B 31.</b> Approximately how much will you have to pay to repair the pump?									Lari	
	High season	Shoulder season	Low season	High season	Shoulder season	Low season	High season	Shoulder season	Low season	
<b>B 32.</b> How many days per week do you run the pump? <i>By seasons</i>									days	
<b>B 33.</b> How many hours per day do you run the pump? <i>By seasons</i>									hours	
<b>B 34.</b> Please tell me, do you have the electrical control system on your water well?	I ቻኔ	II ቻኔ	III ቻኔ							
yes	1	1	1							
no <i>if with all three columns you have code "2", go to B39, otherwise continue for all wells</i>	2	2	2							
<b>B 35.</b> What is the price of electrical control system?									Lari	
<b>B 36.</b> How long will it take before you have to change or repair the electrical control system?									months	
<b>B 37.</b> Approximately how much will you have to pay to change the electrical control system?									Lari	
<b>B 38.</b> Approximately how much will you have to pay to repair the electrical control system?									Lari	
<b>B 39.</b> Please tell, did you run the initial test on this water well?	I ቻኔ	II ቻኔ	III ቻኔ							
yes	1	1	1							
no <i>if with all three columns you have code "2", go to B41, otherwise continue for all wells</i>	2	2	2							
<b>B 40.</b> Approximately what cost did you pay for the initial testing of water well?									Lari	

**B 41.** Please tell, who in your hh is responsible for the well-functioning of the well and who is using the water from the well? **Several answers possible**

**B 42.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	B41	B 42
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of natural spring water nearby or piped, as the alternative source of water** Questions B43-B73 for those who use natural spring water nearby or piped, as the alternative source of water, i.e. code "2" in B1. If not, go to B74

I would like to ask several questions about the use and costs of functioning of natural spring water nearby or piped:

**B 43.** Please tell, how many natural spring water nearby or piped does your hh use?  
 ----- **specify the number**

**B 44.** For each spring, **fill as many columns as in B43**

		I spring	II spring	III spring
B44.1 how many households share this spring? <b>specify the number</b>				
B44.2 does your hh own this spring?	yes	1	1	1
	no	2	2	2

	I spring	II spring	III spring	
<b>B 45.</b> When was the natural spring water nearby or piped system made?				year
<b>B 46.</b> How far from the house is this spring?				meters
<b>B 47.</b> How long is the pipe between the spring and house?				meters
<b>B 48.</b> What is the total price of pipe between the spring and the house?				Lari
<b>B 49.</b> How much did it cost to install the pipe connecting to this spring?				Lari
<b>B 50.</b> What were other costs related to setup of connection between the spring and the house?				Lari
<b>B 51.</b> How long will it take before you have to change or repair the pipes connecting to the spring?				months
<b>B 52.</b> Approximately how much will you have to pay to change the pipes connecting to the spring?				Lari

<b>B 53.</b> Approximately how much will you have to pay to repair the pipes connecting to the spring?									Lari
<b>B 54.</b> Please tell me, do you have water pump installed on the start facility of this spring?	I spring	II spring	III spring						
yes	1	1	1						
no <b>if with all three columns you have code "2", go to B65, otherwise continue for all springs</b>	2	2	2						
<b>B 55.</b> What is the capacity of the pump?									q.h.
<b>B 56.</b> What is the price of pump?									Lari
<b>B 57.</b> How long will it take before you have to change or repair the water pump?									months
<b>B 58.</b> Approximately how much will you have to pay to change the pump?									Lari
<b>B 59.</b> Approximately how much will you have to pay to repair the pump?									Lari
<b>B 60.</b> How long will it take before you have to change the infrastructure around the start point of natural spring?									months
<b>B 61.</b> Approximately how much will you have to pay to change the infrastructure?									Lari
<b>B 62.</b> Approximately how much will you have to pay to repair the infrastructure?									Lari
	High season	Shoulder season	Low season	High season	Shoulder season	Low season	High season	Shoulder season	Low season
<b>B 63.</b> How many days per week do you run the spring pump? <b>By seasons</b>									days
<b>B 64.</b> How many hours per day do you run the spring pump? <b>By seasons</b>									hours
<b>B 65.</b> Please tell me, do you have the electrical control system on your spring?	I spring	II spring	III spring						
yes	1	1	1						
no <b>if with all three columns you have code "2", go to B70, otherwise continue for all springs</b>	2	2	2						
<b>B 66.</b> What is the price of electrical control system?									Lari
<b>B 67.</b> How long will it take before you have to change or repair the electrical control system?									months
<b>B 68.</b> Approximately how much will you have to pay to change the electrical control system?									Lari
<b>B 69.</b> Approximately how much will you have to pay to repair the electrical control system?									Lari

<b>B 70.</b> Please tell, did you run the initial test on this spring water?	I spring	II spring	III spring	
yes	1	1	1	
no <b>if with all three columns you have code "2", go to B72, otherwise continue for all springs</b>	2	2	2	
<b>B 71.</b> Approximately what cost did you pay for the initial testing of spring water?				Lari

**B 72.** Please tell, who in your hh is responsible for the well-functioning of the spring? **Several answers possible**

**B 73.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	B72	B73
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of water distribution tank as the alternative source of water supply** Questions B74-B79 for those who use water distribution as the alternative source of water, i.e. code "3" in B1. If not, go to B80

Now, I would like to ask several questions about the costs of use of water distribution:

	High season	Shoulder season	Low season	
<b>B 74.</b> How many times per month do you buy water from the water tank?				amount
<b>B 75.</b> What amount of water do you buy per time?				liters
<b>B 76.</b> How much do you pay per each time of water purchase?				Lari
<b>B 77.</b> How many households share this cost?				amount

**B 78.** Please tell, who in your hh is responsible to provide with the water from water distribution tank? **Several answers possible**

**B 79.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	B78	B79
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of bottled water (sold) as the alternative source of water supply** Questions B80-B87 for those who use bottled water as the alternative source of water, i.e. code "4" in B1. If not, go to B88

Now, I would like to ask several questions about the bottled water:

	High season	Shoulder season	Low season	
<b>B 80.</b> How many times per month do you buy bottled water?				amount
<b>B 81.</b> What amount of water do you buy per time?				liters
<b>B 82.</b> Approximately how much do you pay for bottled water during month?				Lari
<b>B 83.</b> How many households share this cost?				amount
<b>B 84.</b> In case you were supplied with permanent municipal water, how many liters of bottled water would you be buying per month?				liters

**B 85.** For all member of you hh, in total

	High season	Shoulder season	Low season	
<b>B 86.</b> How many times per month do they go to the shop to buy water?				amount
<b>B 87.</b> How long do they need per visit to the shop? (go to shop and come back)				min.

**Manual collection of spring water as the alternative source of water supply** Questions B88-B95 for those who use water manually collected from the municipal tap, i.e. code "5" in B1. If not, go to B96

Now, I would like to ask several questions about the manual collection of water:

	High season	Shoulder season	Low season	
<b>B 88.</b> How many times per week do all members of your hh go to collect water from the spring?				amount
<b>B 89.</b> Approximately how much water do they bring per time?				liters
<b>B 90.</b> How far from house is the spring?				meters
<b>B 91.</b> Do you use any kind of transport to bring water from the spring?	<b>High season</b>	<b>Shoulder season</b>	<b>Low season</b>	
yes	1	1	1	
no <b>if with all three columns you have code "2", go to B94, otherwise continue for all seasons</b>	2	2	2	
<b>B 92.</b> How much fuel in total do you need to drive to and back from the spring per time?				Lari
<b>B 93.</b> How many households share the water manually collected from spring or other distant water source?				amount

**B 94.** Please tell, who in your hh brings water from the spring? **Several answers possible**

**B 95.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	<b>B93</b>	<b>B94</b>
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

### **Section K. ways to solve problems related with municipal water supply**

**K 1.** Please tell me, does your hh apply following ways to solve municipal water supply problems? **Read out**

Outside Water Storage System	1
Inside Water Storage System	2
Buckets And Other Moveable Water Storage Containers	3
General Water Filter System	4
Point-Of-Use Water Filter System	5
Periodic Or Ad Hoc Water Testing	6

**Use of Outside Water Storage System** Questions K2-K47 for those who use outside water storage system as the way to solve problems with municipal water supply, i.e. code "1" in K1. If not, go to K48

Now, I would like to ask several questions about outside water storage system and costs related with it:

**K 2.** How many outside water storage tanks does your hh have?

----- **indicate the amount**

**K 3.** For each tank, tell me **fill as many columns as in K2**

		I tank	II tank	III tank
K3.1 How many households share these tanks? <b>specify</b>				
K3.2 Does your hh own these tanks?	yes	1	1	1
	no	2	2	2

	I tank	II tank	III tank	
K 4. When was the outside tank installed?				year
K 5. What is the capacity of this tank?				cubic meters
K 6. What is the price of this tank?				Lari
K 7. What was the cost of installation of tank?				Lari
K 8. How long will it take before you have to change or repair the tank?				months
K 9. Approximately how much will you have to pay to change the tank?				Lari
K 10. Approximately how much will you have to pay to repair the tank?				Lari
K 11. Please tell, do you have pump installed on this tank?	I tank	II tank	III tank	
yes	1	1	1	
no <b>if with all three columns you have code "2", go to K19, otherwise continue for all tanks</b>	2	2	2	
K 12. What is the capacity of the pump?				q.h.
K 13. What is the price of pump?				Lari
K 14. How long will it take before you have to change or repair the water pump?				months
K 15. Approximately how much will you have to pay to change the pump?				Lari
K 16. Approximately how much will you have to pay to repair the pump?				Lari
	High season	Shoulder season	Low season	
	High season	Shoulder season	Low season	
	High season	Shoulder season	Low season	
	High season	Shoulder season	Low season	
K 17. How many days per week do you run the pump? <b>By seasons</b>				days
K 18. How many hours per day do you run the pump? <b>By seasons</b>				hours
K 19. Please tell me, do you have the electrical control system on your tank?	I tank	II tank	III tank	
Yes	1	1	1	
no <b>if with all three columns you have code "2", go to K24, otherwise continue for all tanks</b>	2	2	2	
K 20. What is the price of electrical control system?				Lari
K 21. How long will it take before you have to change or repair the electrical control system?				months
K 22. Approximately how much will you have to pay to change the electrical control system?				Lari

K 23. Approximately how much will you have to pay to repair the electrical control system?				Lari
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K 24. Please tell, who in your hh is responsible for the well-functioning of the tank? **Several answers possible**

K 25. How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	K24	K25
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

K 26. Do you have distribution system installed on the tank?

yes	1	<b>continue</b>
no	2	<b>go to K49</b>

K 27. When was the distribution system installed?		year	
K 28. What is the overall length of distribution system pipes?		meters	
K 29. What is the overall price of distribution system pipes?		Lari	
K 30. What is the overall cost of installation of distribution system pipes?		Lari	
K 31. Please tell me, do you have water pump installed on the distribution system?			
yes	1		
no <b>if with all three columns you have code "2", go to K39, otherwise continue</b>	2		
K 32. What is the capacity of the pump?		q.h.	
K 33. What is the price of pump?		Lari	
K 34. How long will it take before you have to change or repair the water pump?		months	
K 35. Approximately how much will you have to pay to change the pump?		Lari	
K 36. Approximately how much will you have to pay to repair the pump?		Lari	
	High season	Shoulder season	Low season
K 37. How many days per week do you run the pump? <b>By seasons</b>			days
K 38. How many hours per day do you run the pump? <b>By seasons</b>			hours
K 39. How many people work with the distribution system?			amount
K 40. What is the monthly salary of each of them?			Lari
K 41. Please tell me, do you have the electrical control system on your distribution system?			

yes	1	
no <b>if with all three columns you have code "2", go to K47, otherwise continue</b>	2	
<b>K 42.</b> What is the price of electrical control system?		Lari
<b>K 43.</b> How long will it take before you have to change or repair the electrical control system?		months
<b>K 44.</b> Approximately how much will you have to pay to change the electrical control system?		Lari
<b>K 45.</b> Approximately how much will you have to pay to repair the electrical control system?		Lari
<b>K 46.</b> How many households share the distribution system?		amount

**K 47.** Please tell, who in your hh is responsible for the well-functioning of the outside water storage tank? **Several answers possible**

**K 48.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	<b>K47</b>	<b>K48</b>
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of inside water storage system** Questions K49-K71 for those who use inside water storage system as the way to solve problems with municipal water supply, i.e. code "2" in K1. If not, go to K72

Now, I would like to ask several questions about inside water storage system and costs related with it:

**K 49.** How many outside water storage tanks does your hh have?  
 ----- **indicate the amount**

**K 50.** For each tank, tell me **fill as many columns as in K49**

	I tank	II tank	III tank
<b>K3.1</b> How many households share these tanks? <b>indicate the amount</b>			
<b>K3.2</b> Does your hh own these tanks?	yes	1	1
	no	2	2

	I tank	II tank	III tank	
<b>K 51.</b> What is the capacity of this tank?				cubic meters
<b>K 52.</b> What is the price of this tank?				Lari
<b>K 53.</b> What was the cost of installation of tank?				Lari
<b>K 54.</b> How long will it take before you have to change or repair the tank?				months

K 55. Approximately how much will you have to pay to change the tank?									Lari
K 56. Approximately how much will you have to pay to repair the tank?									Lari
K 57. Please tell, do you have pump installed on this tank?	I tank	II tank	III tank						
yes	1	1	1						
no <b>if with all three columns you have code "2", go to K65, otherwise continue for all tanks</b>	2	2	2						
K 58. What is the capacity of the pump?									q.h.
K 59. What is the price of pump?									Lari
K 60. How long will it take before you have to change or repair the water pump?									months
K 61. Approximately how much will you have to pay to change the pump?									Lari
K 62. Approximately how much will you have to pay to repair the pump?									Lari
	High season	Shoulder season	Low season	High season	Shoulder season	Low season	High season	Shoulder season	Low season
K 63. How many days per week do you run the pump? <b>By seasons</b>									days
K 64. How many hours per day do you run the pump? <b>By seasons</b>									hours
K 65. Please tell me, do you have the electrical control system on your tank?	I tank	II tank	III tank						
yes	1	1	1						
no <b>if with all three columns you have code "2", go to K70, otherwise continue for all tanks</b>	2	2	2						
K 66. What is the price of electrical control system?									Lari
K 67. How long will it take before you have to change or repair the electrical control system?									months
K 68. Approximately how much will you have to pay to change the electrical control system?									Lari
K 69. Approximately how much will you have to pay to repair the electrical control system?									Lari

**K 70.** Please tell, who in your hh is responsible for the well-functioning of the inside storage tank?

**Several answers possible**

**K 71.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	K70	K71
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of Buckets and Other Moveable Water Storage Containers Questions K72-K78 for those who use Buckets and Other Moveable Water Storage Containers as the way to solve problems with municipal water supply, i.e. code “3” in K1. If not, go to K79**

Now, I would like to ask several questions about the use buckets and other moveable water storage containers:

**K 72.** What types of moveable water storage containers does your hh use?

1. -----
2. -----
3. -----
4. -----
5. -----

<b>K 73.</b> Imagine you fill all containers you use for storing the water. How much water would you have??		liters
<b>K 74.</b> Please tell, what do you think is the approximate value of buckets and other moveable water storage containers you have?		Lari
<b>K 75.</b> How many households share these buckets and other moveable water storage containers?		amount
<b>K 76.</b> How long will it take before you have to change buckets and other moveable water storage containers?		months

**K 77.** Please tell, who in your hh is responsible for collection of water in buckets and other moveable water storage containers? **Several answers possible**

**K 78.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	<b>K77</b>	<b>K78</b>
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of filter system** Questions K79-K87 for those who use filter system as the way to solve problems with municipal water supply, i.e. code "4" or/and "5" in K1. If not, go to K88

Now, I would like to ask several questions about the filter system:

<b>K 79.</b> When did you buy the water system?		year
<b>K 80.</b> How many filters do you have?		amount
<b>K 81.</b> What is the total price of these filters?		Lari
<b>K 82.</b> What was the total cost for setup of this filter system?		Lari
<b>K 83.</b> How many households share these filter system?		amount
<b>K 84.</b> How long will it take before you have to change or repair the water filter system?		months
<b>K 85.</b> Approximately how much will you have to pay to change the tank?		Lari
<b>K 86.</b> Approximately how much will you have to pay to repair the tank?		Lari

**K 87.** Tell, who in your hh is responsible for the well-functioning of the filter system? **Several answers possible**

**K 88.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	<b>K87</b>	<b>K88</b>
s	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of water test services** Questions K89-K96 for those who test the water in their hh as the way to solve problems with municipal water supply, i.e. code "6" in K1. If not, go to K97

Now, I would like to ask several questions about the testing of water:

Within the recent one year, how many times did you or members of your hh:

<b>K 89.</b> Test the municipal water?		amount
<b>K 90.</b> Test the well water?		amount
<b>K 91.</b> Test the natural spring or other distant water sources?		amount
<b>K 92.</b> Test water from other alternative sources?		amount
<b>K 93.</b> How much does it cost to test the water?		Lari
<b>K 94.</b> How many households shared the costs of water testing?		amount

**K 95.** Please tell, who in your hh is responsible for the testing of water? **Several answers possible**

**K 96.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	<b>K95</b>	<b>K96</b>
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**K 97.** Please tell me, you or the members of your hh, how would you use time you would have spared in case you are provided with 24 hour municipal water supply? For what else, else?

children under 6	
school age boys	
school age girls	
healthy adult men	
healthy adult women	
aged or disabled men	
aged or disabled women	

## Section P. Sewage system

**P 1.** Please tell me, which sewage system does your hh use? **Several answers possible**

municipal sewage system only	1	users of municipal sewage system	
municipal and alternative sewage systems	2		users of alternative sewage system
alternative sewage system only	3		

**P 2. Question or respondents living in house blocks.** Please tell me, how long from your home is the closest toilet with the running water in it?

\_\_\_\_\_ meters

**Municipal sewage system.** This section is to be filled with respondents that use the municipal sewage system, i.e. codes "2" and "3" in P1

Now, I would like to ask several questions about the municipal sewage system:

<b>P 3.</b> When did you hh get connected to municipal sewage system?		year
<b>P 4.</b> How much did your hh pay to get connected to municipal sewage system?		Lari
<b>P 5.</b> What were the costs of hh for installation of municipal sewage system?		Lari
<b>P 6.</b> Including you, how many households share this connection?		amount

**P 7. Show the card P7.** Look at the card and tell me how safe for your household do you think the municipal sewage system is in terms of sanitation? Use 5 points scale where 1 means "very unsafe" and 5 means "absolutely safe".

	<b>P7.1 High season</b>	<b>P7.2 Shoulder season</b>	<b>P7.3 Low season</b>
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor sae	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**P 8. Show the card P8.** How safe for your neighborhood do you think the municipal sewage system is in terms of sanitation? Use 5 points scale where 1 means "very unsafe" and 5 means "absolutely safe".

	<b>P8.1 High season</b>	<b>P8.2 Shoulder season</b>	<b>P8.3 Low season</b>
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor sae	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**P 9. Show the card P9.** Please, tell me, how satisfied you are with the functioning of municipal sewage system? Use 5 points scale where 1 means “very unsatisfied” and 5 means “very satisfied”.

	<b>P9.1 High season</b>	<b>P9.2 Shoulder season</b>	<b>P9.3 Low season</b>
very unsatisfied	1	1	1
unsatisfied	2	2	2
more or less unsatisfied	3	3	3
satisfied	4	4	4
very satisfied	5	5	5
I don't know/question rejected	99	99	99

**Alternative sewage system:** This section is to be filled with respondents that use the alternative sewage system, i.e. codes “2” and “3”

**P 10. Show the card P10.** How safe for your household do you think the alternative sewage system is in terms of sanitation? Use 5 points scale where 1 means “very unsafe” and 5 means “absolutely safe”.

	<b>P10.1 High season</b>	<b>P10.2 Shoulder season</b>	<b>P10.3 Low season</b>
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor safe	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**P 11. Show the card P11.** How safe for your neighborhood do you think the alternative sewage system is in terms of sanitation? Use 5 points scale where 1 means “very unsafe” and 5 means “absolutely safe”.

	<b>P11.1 High season</b>	<b>P11.2 Shoulder season</b>	<b>P11.3 Low season</b>
very unsafe	1	1	1
more or less unsafe	2	2	2
neither unsafe nor safe	3	3	3
more or less safe	4	4	4
absolutely safe	5	5	5
I don't know / question rejected	99	99	99

**P 12. Show the card P12.** Please, tell me, how satisfied you are with the functioning of alternative sewage system? Use 5 points scale where 1 means “very unsatisfied” and 5 means “very satisfied”.

	<b>P12.1 High season</b>	<b>P12.2 Shoulder season</b>	<b>P12.3 Low season</b>
very unsatisfied	1	1	1
unsatisfied	2	2	2
more or less unsatisfied	3	3	3
satisfied	4	4	4
very satisfied	5	5	5
I don't know/question rejected	99	99	99

**P 13.** Please tell me, what type of alternative sewage system do you use? **Several answers possible**

Septic Tank System	1
Other Type Of Sewage Storage System	2
Sewage Outfall System	3
Sewage Tanker Truck Service	4

**Use of septic tank system** Questions P14-P48 for those who use the septic tank system as the way to solve problems with municipal water supply, i.e. code "1" in P13. If not, go to P49

Now, I would like to ask several questions about the septic tank system:

**P 14.** How many septic tanks do you have?  
 ----- **indicate the amount**

**P 15.** For each septic tank, tell me ... **fill as many columns as in P14**

	I tank	II tank	III tank	
P15.1 how many households share these septic tanks? Indicate the amount				
K15.2 does you hh own these tanks?	yes	1	1	1
	no	2	2	2

	I tank	II tank	III tank	
<b>P 16.</b> When was the septic tank system installed?				year
<b>P 17.</b> What is the capacity of septic tank?				cubic meters
<b>P 18.</b> What is the price of septic tank?				Lari
<b>P 19.</b> What was the total cost for setup of septic tank?				Lari
<b>P 20.</b> What is the length of sewer pipe to the septic tank?				meters
<b>P 21.</b> What is the total price of these pipes?				Lari
<b>P 22.</b> What was the total cost for setup of these pipes?				Lari
<b>P 23.</b> What is the length of sewer outfall pipes?				meters
<b>P 24.</b> What is the total price of sewer outfall pipes?				Lari
<b>P 25.</b> What was the total cost for setup of sewer outfall pipes?				Lari
<b>P 26.</b> How long will it take before you have to change or repair the tank?				months
<b>P 27.</b> Approximately how much will you have to pay to change the tank?				Lari
<b>P 28.</b> Approximately how much will you have to pay to repair the tank?				Lari
<b>P 29.</b> How long will it take before you have to change or repair sewer pipes?				months
<b>P 30.</b> Approximately how much will you have to pay to change sewer pipes?				Lari

P 31. Approximately how much will you have to pay to repair sewer pipes?									Lari
P 32. Please tell, do you have pump installed on the septic tank?	I tank	II tank	III tank						
yes	1	1	1						
no <b>if with all three columns you have code "2", go to P40, otherwise continue for all tanks</b>	2	2	2						
P 33. What is the capacity of the pump?									qh
P 34. What is the price of pump?									Lari
P 35. How long will it take before you have to change or repair the water pump?									months
P 36. Approximately how much will you have to pay to change the pump?									Lari
P 37. Approximately how much will you have to pay to repair the pump?									Lari
	High season	Shoulder season	Low season	High season	Shoulder season	Low season	High season	Shoulder season	Low season
P 38. How many days per week do you run the pump? <b>By seasons</b>									days
P 39. How many hours per day do you run the pump? <b>By seasons</b>									hours
P 40. Please tell me, do you have the electrical control system on your septic tank?	I tank	II tank	III tank						
yes	1	1	1						
no <b>if with all three columns you have code "2", go to P47, otherwise continue for all tanks</b>	2	2	2						
P 41. What is the price of electrical control system?									Lari
P 42. How long will it take before you have to change or repair the septic tank electrical control system?									months
P 43. Approximately how much will you have to pay to change the septic tank electrical control system?									Lari
P 44. Approximately how much will you have to pay to repair the septic tank electrical control system?									Lari
P 45. How many people work for the proper functioning of septic tank?									amount
P 46. What is the monthly salary of each of them?									Lari

**P 47.** Please tell, who in your hh is responsible for the well-functioning of the septic tank? **Several answers possible**

**P 48.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	P47	P48
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of sewer channel system** Questions P49-P83 for those who use sewer channel system as the way to solve problems with municipal water supply, i.e. code "3" in K1. If not, go to P48

Now, I would like to ask several questions about the sewer channel:

**P 49.** Please tell me

P49.1 how many household share this sewer channel		
P49.2 Does your hh own this sewer channel?	No	1
	Yes	2

<b>P 50.</b> When was the sewer channel installed?		year
<b>P 51.</b> What is the distance to the end of sewer channel?		meters
<b>P 52.</b> What is the length of sewer channel pipes?		meters
<b>P 53.</b> What is the overall price of these pipes?		year
<b>P 54.</b> How long will it take before you have to change or repair these pipes?		months
<b>P 55.</b> Approximately how much will you have to pay to change pipes?		Lari
<b>P 56.</b> Approximately how much will you have to pay to repair pipes?		Lari
<b>P 57.</b> What was the cost of installation of sewer channel? (price of pipes and pump)		Lari
<b>P 58.</b> Please tell me, do you have pump installed at the end of sewer channel?		
yes	1	
no <b>if with all three columns you have code "2", go to P66, otherwise continue</b>	2	
<b>P 59.</b> What is the capacity of the pump?		q.h.
<b>P 60.</b> What is the price of pump?		Lari
<b>P 61.</b> How long will it take before you have to change or repair this pump?		months
<b>P 62.</b> Approximately how much will you have to pay to change the pump?		Lari
<b>P 63.</b> Approximately how much will you have to pay to repair the pump?		Lari

	High season	Shoulder season	Low season	
<b>P 64.</b> How many days per week do you run the pump at the end of sewer channel? <b>By seasons</b>				days
<b>P 65.</b> How many hours per day do you run this pump? <b>By seasons</b>				hours
<b>P 66.</b> Please tell me, do you have pump installed to connect house to the sewer channel?				
yes	1			
no <b>if with all three columns you have code "2", go to P74, otherwise continue</b>	2			
<b>P 67.</b> What is the capacity of this pump?				q.h.
<b>P 68.</b> What is the price of pump connecting house to the sewer channel?				Lari
<b>P 69.</b> How long will it take before you have to change or repair the pump?				ገገገ
<b>P 70.</b> Approximately how much will you have to pay to change the pump?				Lari
<b>P 71.</b> Approximately how much will you have to pay to repair the pump?				Lari
	High season	Shoulder season	Low season	
<b>P 72.</b> How many days per week do you run the pump? <b>By seasons?</b>				days
<b>P 73.</b> How many hours per day do you run the pump? <b>By seasons</b>				hours
<b>P 74.</b> Please tell me, do you have the electrical control system on your sewer channel?				
yes	1			
no <b>if with all three columns you have code "2", go to P79, otherwise continue s</b>	2			
<b>P 75.</b> What is the price of electrical control system?				Lari
<b>P 76.</b> How long will it take before you have to change or repair the electrical control system?				months
<b>P 77.</b> Approximately how much will you have to pay to change the electrical control system?				Lari
<b>P 78.</b> Approximately how much will you have to pay to repair the electrical control system?				Lari
<b>P 79.</b> how long will it take before changing or repairing of some other component				months
<b>P 80.</b> Approximately how much will you have to pay to change the electrical control system?				Lari
<b>P 81.</b> Approximately how much will you have to pay to repair the electrical control system?				Lari

**P 82.** Please tell, who in your hh is responsible for the well-functioning of the sewer channel?

**Several answers possible**

**P 83.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	<b>P82</b>	<b>P83</b>
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Use of tank truck for feces** Questions P84-P89 for those who use tank truck for faeces as the way to solve problems with municipal water supply, i.e. code "4" in P13. If not, go to P90

Now, I would like to ask several questions about the tank trucks for faces:

	High season	Shoulder season	Low season	
<b>P 84.</b> How many times per season do you use tank trucks for feces?				amount
<b>P 85.</b> What is the cost of one time use of tank trucks for feces?				Lari
<b>P 86.</b> How many households share this cost?				amount

**P 87.** Please tell, who in your hh is responsible for provision of tank trucks for faeces? **Several answers possible,**

**P 88.** How many hours per week do each of them spend for this activity? **Indicate the total amount of hours per week**

	<b>P87</b>	<b>P88</b>
children under 6	1	
school age boys	2	
school age girls	3	
healthy adult men	4	
healthy adult women	5	
aged or disabled men	6	
aged or disabled women	7	

**Questions P89-90 for all respondents!!!**

**P 89.** Please tell, during how many days a week there is a smell coming from the sewer system of the hh?

<b>P89.1 High season</b>	<b>P89.2 Shoulder season</b>	<b>P89.3 Low season</b>

_____ days	_____ days	_____ days
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**P 90.** Please tell, during how many days a week there is a smell coming from the sewer system in the neighborhood / street?

<b>P90.1 High season</b>	<b>P90.2 Shoulder season</b>	<b>P90.3 Low season</b>
_____ days	_____ days	_____ days

## Section I. Level of education

I 1. Please tell me during the past year how many times has your household got information about the importance and usefulness of good water supply and sewer system?

Hasn't received any information at all	0	<b>Proceed to page 14</b>
Specify the number of months	---	<b>Continue</b>

I 2. Please tell me the sources of information

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

I 3. **Put this question to a household with a school age child.** Please tell me when was the last time that your children had classes about sanitary standards at school?

Didn't have any classes at all	0
Specify the number of months	---
Don't know/it's difficult to answer	99

I 4. **Show the card 14.** Please tell me how content you are with the level of knowledge of you and your household members about water and sewer system hygiene. Please use a 5 score evaluation scale where 1 refers to "very unsatisfied" and 5 means "very satisfied."

Very unsatisfied	0
Unsatisfied	1
More or less satisfied	2
Satisfied	3
Very satisfied	4
Very unsatisfied	5
Don't know/it's difficult to answer	99

I 5. Please tell me how often is your household being informed about general water quality testing?

I 6. Please tell me how often is your household being informed about specific water quality testing?

	I5 General testing	I6 Specific testing
Never	0	0
Once a month	1	1
Once in three months	2	2
Once in 6 months	3	3
Once in a year	4	4
Rather rarely	5	5

I 7. Please tell me how content you are with your knowledge about general water testing.

I 8. Please tell me how content you are with your knowledge about specific water testing. Please use a 5 score evaluation scale where 1 refers to "very unsatisfied" and 5 means "very satisfied."

	I7 General testing	I8 Specific testing
Very unsatisfied	1	1
Unsatisfied	2	2
More or less satisfied	3	3
Satisfied	4	4
Very satisfied	5	5

I 9. Please tell me how often your household is informed about the methods of saving water/consuming it in economical ways

Never	0
Once a month	1
Once in three months	2
Once in 6 months	3
Once in a year	4
Rather rarely	5

I 10. Please tell me how satisfied you are with your knowledge about water saving and economical water consuming methods? Please use a 5 score evaluation scale where 1 refers to "very unsatisfied" and 5 means "very satisfied."

Very unsatisfied	1
Unsatisfied	2
More or less satisfied	3
Satisfied	4
Very satisfied	5

I 11. Please tell me about the methods of water saving and economic water consuming that you and your household uses.

Do not use any water saving method	0
<b>Specify</b>	
<b>Specify</b>	
<b>Specify</b>	

I 12. Please tell me if you recall any occasion when you had a debate with your neighbors or representatives of WaterChannel or municipality about the proper functioning of water supply and sewer system?

Yes, there has been such a case for the past year	1	<b>Continue</b>
No, no such case has happened for the past year	2	<b>Proceed to 114</b>

I 13. Please tell me more about the discussion, what it was about and who were involved in it?

**Several answers are possible**

About water consuming tax – <b>with a neighbor</b>	1
About sewer services tax - <b>with a neighbor</b>	2
About water supply services - <b>with a neighbor</b>	3
About sewer system services - <b>with a neighbor</b>	4
About water consuming tax – <b>with WaterU rep</b>	5
About sewer services tax - <b>with WaterChannel rep</b>	6
About water supply services - <b>with WaterChannel rep</b>	7
About sewer system services - <b>with WaterChannel rep</b>	8
About water consuming tax - <b>with Municipality rep</b>	9
About sewer services tax - <b>with Municipality rep</b>	10
About water supply services - <b>with Municipality rep</b>	11
About sewer services tax - <b>with Municipality rep</b>	12
<b>Specify</b>	
<b>Specify</b>	

**I 14.** Please tell me how often your household is informed about the rules and process calculating municipal water bill and sewer services tax

Never	Never
Once a month	Once a month
Once in three months	Once in three months
Once in 6 months	Once in 6 months
Once in a year	Once in a year
Rather rarely	Rather rarely

**I 15.** Please tell me how well you know about the ways of calculating municipal water supply bill?  
Please use a 5 score evaluation scale where 1 refers to “I know nothing at all” and 5 means “I know absolutely in detail”

**I 16.** Please tell me how well you know about the ways of calculating municipal sewer services bill? Please use a 5 score evaluation scale where 1 refers to “I know nothing at all” and 5 means “I know absolutely in detail”

	<b>I 15. Water supply bill</b>	<b>I 16. Sewer services bill</b>
I know nothing at all	1	1
Actually I don't know	2	2
I know more or less	3	3
I know	4	4
I know absolutely in detail	5	5

**I 17. Show the card 117.** Please look at the card and tell me according to your estimations, how difficult it is for you and your household to follow hygiene and sanitary norms because of the improper municipal water supply and sewer system in your town/village. Please use a 5 score evaluation scale where 1 refers to “Very dangerous” and 5 means “Absolutely safe”

	<b>I17.1 High season</b>	<b>I17.2 Shoulder season</b>	<b>I17.3 Low season</b>
It's very difficult	1	1	1
It is difficult more or less	2	2	2
It's not difficult	3	3	3
It's not difficult at all	4	4	4
I don't know/refuses to answer	99	99	99

**I 18.** I want to ask you a few questions about the quality of water supply and sewer system.  
Please tell me if water is leaking in your house.

	დობ	არა
<b>I18.1</b> From water tubes	1	2
<b>I18.2</b> From taps	1	2
<b>I18.3</b> From wash-down toilet bowl (meaning the flow of little water running through the toilet tubes)	1	2

**I 19.** Please tell me how many GEL approximately has your household spent for the past year.

	GEL
<b>I19.1</b> For repairing leaking tube	
<b>I19.2</b> For repairing leaking equipment	

**Section H. Healthiness**

Please recall and tell me:

	For 6 years old children		For school age boys		For school age girls		For healthy grown up men		For healthy grown up women		For aged or unhealthy men		For aged or unhealthy women	
<b>Not meaning acute diseases</b>	For the past 12 months	For the past two weeks	For the past 12 months	For the past two weeks	For the past 12 months	For the past two weeks	For the past 12 months	For the past two weeks	For the past 12 months	For the past two weeks	For the past 12 months	For the past two weeks	For the past 12 months	For the past two weeks
<b>H 1.</b> Number of cases of diarrhea (gastrointestinal diseases)														
<b>H 2.</b> Number of gastrointestinal diseases in the household apart from diarrhea														
<b>H 3.</b> Number of respiratory disease in the household (flu, virus, )														
<b>H 4.</b> Number of cases when neighbors got ill with the above listed diseases														

**H 5.** Please recall and tell me how many of the above listed stomach diseases were caused by water in your opinion.

----- **Specify the number**

**H 6.** Please tell me what methods of treatment you and your household have applied for treating above listed stomach diseases (mentioned in H1 and H2)

**Several answers are possible**

Self treatment – by means of diet	1
Self treatment – by means of medicine	2
Doctor's prescription – by means of diet	3
Doctor's prescription – by means of medicines	4
Other <b>specify</b>	
Other <b>specify</b>	
I don't know/refuses to answer	99

Please recall all the cases of stomach illnesses (mentioned in H1 and H2) of you and your family members and tell me:

	For the past 12 months	For the past two weeks
<b>H 7.</b> Including the cases of you and your household members being ill with diarrhea and other stomach diseases, how many times in total have you visited a doctor?		
<b>H 8.</b> How much in total have you and your household members spent on the doctor consultancy and examinations?		
<b>H 9.</b> How much in total have you and your household spent on medicines and other items of treatment?		
<b>H 10.</b> How much in total have you and your household members have spent on hospital treatment?		
<b>H 11.</b> Among all incidents combined other than diarrhea and other gastrointestinal diseases how many days have you and your household wasted? (Please include the days when you and your household members have had to distract from your main activities, from your job, studies, vacation, etc.)		

**Section S. Sanitary norms fulfillment**

Please think well and tell me:

	1. High season	2. Shoulder season	3. Low season
<b>S 1.</b> How many times a week do you and your household members take a bath/shower per week?			
<b>S 2.</b> How many of your household members wash their hands <b>with only water</b> before each meal?			
<b>S 3.</b> Please tell me how many of your household members wash their hands <b>with water and soap</b> before each meal.			
<b>S 4.</b> Please tell me how many of our household members <b>do not wash hands before each meal</b>			
<b>S 5.</b> How many of your household wash hands <b>with only water</b> after <b>using toilet</b> ?			
<b>S 6.</b> How many of your household wash hands <b>with water and soap</b> after <b>using toilet</b> ?			
<b>S 7.</b> Please tell me how many of our household members <b>do not wash hands after using toilet.</b>			

<b>S 8.</b> How many times a week are bed sheets washed in your household?			
<b>S 9.</b> How many times a week do all members of your household change clothes (all household members in total)			
<b>S 10.</b> How many times a week is the floor washed in your household?			
<b>S 11.</b> How many times a week is your bathroom thoroughly cleaned?			
<b>S 12.</b> How many times a week is your kitchen thoroughly cleaned?			
<b>S 13.</b> How many times a week are water buckets and portable water dishes cleaned/washed?			

**S 14.** Please tell me about the cases when you have had to leave the dishes unwashed after your meal because of the unstable water supply schedule.

**S 15.** If yes, approximately how many hours do you leave the dishes unwashed?

	<b>S14</b>	<b>S15</b>
Yes, there have been such cases	1	
No, there have not been such cases	3	

**S 16.** Does any member of your household go to school?

Yes	1	<b>Carry on</b>
No	2	<b>Proceed to S22</b>

**S 17.** Please tell me what kind of a toilet the schools provide for children

Bowl with running water	1
Turkish toilet with running water	2
Other <b>specify</b>	

**S 18.** Please tell me if there are separate toilets for boys and girls

Yes	1
No	2

**S 19.** Is the water constantly running at schools?

Yes	1
No	2

**S 20.** Please tell me what kind of soap they have at school?

Dry	1
Liquid	2
None	0

**S 21.** Please name the sources of potable water at school

Municipal tap water	1
Well water	2
Spring water or water adjoined by the tube from the nearest spring	3
Water container	4
Bottled water (purchased)	5
Water collected by hand from municipal water spring (i.e. public tap)	6
Water collected by hand from the nearby alternative water source	7
Other <b>specify</b>	

Now I'm going to ask you about the activities of you and your household members. In average, how many hours do you spend a week on:

Number of hours per week	Children aged up to 6	Children boys	School age girls	Healthy grown-up men	Healthy grown-up women	Aged or unhealthy men	Aged or unhealthy women
<b>S 22.</b> Cooking?							
<b>S 23.</b> Taking care of children (aside from playing)?							
<b>S 24.</b> Taking care of family members being sick from water borne disease							
<b>S 25.</b> Taking care of family members being sick for other reasons?							
<b>S 26.</b> Cleaning the house?							
<b>S 27.</b> Household chores?							
<b>S 28.</b> Outdoor chores?							

**S 29. Put this question only to women. Show the card S29.** კითხვა დაუსვით მხოლოდ ქალებს. აჩვენეთ ბარათი **S29.** From your point of view, do you think you can use water in unlimited amount? Use 5 score assessment scale where 1 means "I cannot use at all" and 5 means "I can use it all"

I cannot use it at all	1
I cannot use it	2
I can use it more or less	3
I can use it	4
I can use it all	5

**S 30. Put this question only to men. Show the card S30.** From your point of view, do you think you can use water in unlimited amount? Use 5 score assessment scale where 1 means "I cannot use at all" and 5 means "I can use it all"

I cannot use it at all	1
I cannot use it	2
I can use it more or less	3
I can use it	4
I can use it all	5

## Section F. Future moods

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**F 1.** In your opinion, in case of unfailing municipal water supply will the incurred water consumption expenditures increase, decrease or stay the same?

They will increase	1
They will stay the same	2
They will decrease	3
I don't know/refuse to answer	99

**F 2. Ask if they apply to alternative water supply sources. Show the card F2.** Please, tell me, what do you think is the likelihood of switching to municipal water provided that the water supply will be 24/7? Use 5-point scale for assessment, where 1 means "absolutely not possible" and 5 – "absolutely possible"

I definitely will not switch	1
I probably will not switch	2
Maybe I will switch, maybe I will not	3
I probably will switch	4
I definitely will switch	5
Don't know/refuse to answer	99

**F 3. Ask this question to alternative water supply and sewer system.** Please, tell me, after switching to municipal water supply and sewer systems, what will be the likely behavior of your hh regarding disposition of existing coping assets (e.g., water tank, water pump, etc.)?

**Several answers are possible**

Will preserve them, but will not use	1
Will cancel them, but will keep them in possession	2
Will sell	3
Will give to someone else	4
Other <i>specify</i>	
Other <i>specify</i>	

**F 4.** Imagine that municipal water supply was 24/7 without delays. In such case, F4.1. – what would be the most appropriate monthly cost of water supply per one hh member? F4.2. what would be the low cost? F4.3 what would be the high cost? F4.4.what would be the high cost which you would refuse to pay?

	Specify in GEL
F4.1. Affordable	
F4.2. Low	
F4.3. High	
F4.4. Very high	

**F 5.** I will now quote several monthly prices for uninterrupted water supply per person. Please, tell me if you would agree to pay the cost. **Stop filling in the table as soon as code "1" is indicated.**

	1 GEL	2 GEL	3 GEL	4 GEL	5 GEL	6 GEL	7 GEL	8 GEL	9 GEL	10 GEL
Wouldn't pay	1	1	1	1	1	1	1	1	1	1
Would pay	2	2	2	2	2	2	2	2	2	2

**Swction D. Income and Expenses**

**D 1. Working Status:**

ID	D1.1 Working Status of HH member							D1.2 Position (Only for Employed and Self employed)			D1.3 Average Monthly Income (Only for Employed and Self employed)
	Employed	Self-employed	Unemployed	Housewife	Student	Puple	Pensioner	Managerial	Qualified	Unqualified	
1	1	2	3	4	5	6	7	1	2	3	
2	1	2	3	4	5	6	7	1	2	3	
3	1	2	3	4	5	6	7	1	2	3	
4	1	2	3	4	5	6	7	1	2	3	
5	1	2	3	4	5	6	7	1	2	3	
6	1	2	3	4	5	6	7	1	2	3	
7	1	2	3	4	5	6	7	1	2	3	
8	1	2	3	4	5	6	7	1	2	3	
9	1	2	3	4	5	6	7	1	2	3	
10	1	2	3	4	5	6	7	1	2	3	

**D 2.** Has your household member received any of the following aids from state within last month and how much?

ID	Names	Old age pension	disability pension	survivor's pension	scholarship	temporary disability allowance	Disabled war veteran pension or special pension for the persons of equal condition	Disabled war veteran, war veteran pension or special pension for the persons of equal	Special aid for alone pensioners and disabled persons	Aid for IDPs (Internally displaced persons)	Other income (from state) -- -- -- -- --
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

**D 3.** Who is the proprietor of your main residential (apartment/house)? (circle)

Belongs to household	<b>1</b>	<b>Continue to the question D5</b>
Rented from private body	2	
Rented from the state Other	3	
Mortgaged	4	
Is in the free utilization	5	
Other Do not know	6	<b>Continue to the question D5</b>
Do not know	7	

**D 4.** Please, tell, how much did you pay (GEL)

Residential rent last month (without municipal tax)	
Interest for credit	

**D 5.** Does your family own other building or structure ( including building under construction)

Yes	<b>1</b>
No	<b>2</b>

**D 6.** Please indicate, how much money (GEL) has your family received related to wedding, christening, birthday, funeral or other private or family ceremonies over the last month?

1. Money	
2. Presents	

**D 7.** Please tell me, what amount of aid has your family or its member received from relatives, friends, state or international organization by means of supplied goods and services for free, covering accrued expenses over the last month? (evaluate the value of non-monetary aid approximately)

1. Pecuniary aid	
2. Foodstuffs	
3. Clothes, shoes or other commodities	
4. Study fee	
5. Medical treatment expenses - monetary aid or policy	
6. Transportation services free of charge	
7. Charge of consumed electricity	
8. Medicines	
Other type of aid - - - - -	

**D 8.** Please tell me, if your family has received income from the mentioned sources and how much, over last month? (evaluate non-monetary aid approximately)

1. Interest from share, stock, securities, deposits, lent money	
2. Income derived from rent fee of some property	
3. Inherited money	
4. Alimony	
Other - - - - -	

**D 9.** Please tell me, how much money has your family used from following sources over the last month?

1. Cash savings	
2. Savings on a bank account	
3. Money borrowed from private body	
4. Accumulated salary, scholarship, pension, aid	
5. Bank credit	
6. Pawnshoped	
Other - - - - -	

**D 10.** Please tell me, the following about your family over the previous month...

1. in what amount did your family increase the cash savings	
2. What amount was put on a bank account by your family	
3. In what amount did your family cover the debt of private body	
4. In what amount did your family cover the bank credit	
5. In what amount did your family cover the value of products, services taken in debt	
6. What amount has your family lent the money	
Other - - - - -	

**D 11.** Please tell me, the following about your family, over the last month...

1. What amount of money transferred by the relatives from abroad has your family received	
2. What was the value of products sent by the relatives from abroad to your family	

**D 12.** Think for awhile and tell me, whether you family has received any additional monetary or non-monetary aid over the previous month...

1. Monetary income	
2. Non-monetary income (evaluate the value of non-monetary income approximately)	

**D 13.** Please tell, how much have you spent within last month (GEL)?

1. On maintenance/repairing of own vehicle for private usage	
2. On transportation of some goods	
3. How much has you family spent on travelling	

**D 14.** Please tell, how much have you paid within last month (GEL)?

1. Electricity consumption	
2. Natural gas consumption	
3. Water supply fee (including sanitaryware service)	
4. Sanitaryware service fee	
5. User charge and minute fee	
6. Garbage collection fee	
7. Cleaning fee	
8. Elevator service fee	
9. Cable TV and Internet fee	
10. Other municipal fees	

**D 15.** Please tell, how much have you spent over last month (GEL)?

On purchasing of fuel for heating, light, meal preparation	
------------------------------------------------------------	--

**D 16.** Please tell, how much have you spent over last month (GEL)?

1. On purchasing of clothes and shoes for the family members	
2. On purchasing of fabrics for your family needs	
3. On purchasing of articles of prime necessity for your family members	

**D 17. Please tell, how much has your family spent over last month (GEL)?**

1. On upbringing of the children of preschool age (kindergarten, nanny)	
2. On elementary, secondary education of children	
3. How much have you spent on purchasing of study materials and study fees	
4. On specialized secondary education	
5. On higher education	
6. Being qualified or upgrade of professional skills	

**D 18. Please tell, how much have you spent on purchasing of below mentioned goods and services over last month (GEL)?**

1. Expenses related to cultural events (movie, theatre, opera, concert, museum, sport events, etc)	
2. Entertainment and recreation places (sport halls, swimming pools, tennis courts, etc)	
3. Printing of photos and photo materials, purchase of spare part (film, cassette, battery, etc)	
4. Purchase of domestic animals (dog, cat), fishes and ornamental plants and expenses related to their caring	
5. Gambling (lottery, totalizator, casino)	
6. Newspapers, Magazines	
Other (name) _____	

**D 19. What were the expenditures of your family according to the list given below over last month?**

1. Money or parcel sent to relatives abroad (please indicate approximate value of a parcel)	
2. Amount of the money presented or value of the belongings, goods (except presents connected with some ceremony)	
3. Financial, commission charges (money transfer, etc)	
4. Legal service (notary, lawyer, legal consulting, etc)	
5. Lost money	
Other expenses	

**D 20.** Have you purchased or received for free, some products, live animals for further slaughtering, please see the list below over last month?

	Bought		For free
	quantity	GEL	quantity
1. Crops (corn, wheat, soya, etc) (kg)			
2. Grapes or chacha (for wine, vodka, grape juice, etc) (kg)			
3. Fat for canned meals (l)			
4. Tomatoes, wild plums or other, for sauce (kg)			
5. Fruits for compotes, jams and preserves (kg)			
6. Vegetables for marinades (kg)			
7. Vegetables (tomatoes, aubergine, peppers, carrots, etc) for preserving (kg)			
8. Meat for preserving (kg)			
9. Live animals or birds to be slaughtered			
10. Milk (l)			
11. Sugar (kg)			
12. Slat (kg)			
Other (name)			

**D 21.** Have you conducted any type of building or repairing works in relation with your main residential or other private buildings-structures last year or have you purchased construction materials for such purpose?

Yes	1	Continue
No	2	Continue to the question D26

**D 22.** Please tell,

How much have you spent on construction or overhaul, purchasing of construction materials, workmen payment, including transportation of materials and workmen over last year	
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**D 23.** How much have you spent last year (GEL)?

On small repairing works of main residential and other private buildings-structures, sanitaryware or electric wiring for ensuring their proper service;	
on housemaid, cleaner, cook hiring	

**D 24.** How much money (GEL) have you spent on purchase of expensive goods over the last year:

1. Share in capital, stock and other securities	
2. of land, device for household purposes	
3. Transportation facilities	
4. Antique, unique commodities	
5. Jewelry, precious stones	
6. Apartment, dacha, garage, other real estate	
Other - - - - -	
Other - - - - -	

**D 25.** Please tell, how much have you spent on purchasing of below mentioned goods and services over last year (GEL)?

a. TV set, audio/video/radio equipment, photo and video cameras	
b. Computer	
c. Musical instruments	
d. Toys (computer, cars, construction sets, dolls, etc)	
e. Sports kit (ball, racket, skis, etc)	
f. Books, canvas, sculptures, etc	
g. Entertainment and recreation places (sport halls, swimming pools, tennis courts, etc)	
h. 15. Other goods and services related to recreation and entertainment (name)	
i. _____	
j. Repairing of durable goods related to recreation, entertainment and culture	
k. Other (name) _____	

**D 26.** How much has your family spent over last year?

On arrangement of some dinner party (wedding, christening, birthday, funeral, etc)	
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**D 27.** Please tell, how much have you spent over last year(GEL)?

At the wedding, christening, birthday, funeral or other ceremony in other family	
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**D 28.** How much have you spent last year (GEL)?

1. On purchasing of appartment	
2. On purchasing land	
3. On purchasing of transportation facilities	
4. On purchasing of furniture, household appliances and devices, their installing and repairing	
5. Manufactural goods for family needs	

**D 29.** How much have you spent over last year (GEL)?

1. On current (outpatient) treatment of the family member with chronic disease	
2. On current (outpatient) treatment of ill family members	
3. On current inpatient treatment of the family members	
4. On childbirth and antenatal (maternity welfare) clinics	
5. On dental treatment of family members	
6. On preventive treatment and/or purchase of medicines or some medical devices	
7. On purchasing of medical therapeutic instruments and devices for private usage within last three months	

**D 30.** How much have you spent last year (GEL)?

On recreation in health resorts, sanatoriums, etc	
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**D 31.** Have you paid some tax related to the land over last year? Please answer, how much have you spent on this over last year (GEL)?

Land rent	
Other fees (name)	

**D 32. How much have you spent over last year? (GEL)**

On purchasing and repairing of equipment and tools for home and agricultural land	
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**D 33. Has your household made any expenses over last year?**

Related to maintenance of the land	
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**D 34. How much have you spent over last year?**

Keeping domestic animals	
Feeding domestic animals	
Purchase domestic animals	

**D 35. Have you yield any type of harvest over last year?**

yes	<b>continue</b>
no	<b>continue to the question D38</b>

**D 36. What quantity of harvest have you yield over last year?**

	Quantity of harvest (kg)
1. Wheat	
2. Corn	
3. Cucumber	
4. Tomato	
5. beetroot	
6. Carrot	
7. Potato	
8. Cabbage	
9. Aubergine	
10. Onion	
11. Garlic	
12. Pkhaleuli (spinach), green haricot, peas	
13. Watermelon, melon, pumpkin	
14. Greenery, radish	
15. Animal feeding crops	
16. (soya, barley, oat)	
17. Coarse food for animals (hay, straw)	
18. Haricot	
19. Fruits with stones (cherry, plum, peach, wild plum...)	
20. Apple	
21. Pear	
22. Other seed fruits (quince, medlar,...)	
23. citrus plants (lemon, tangerine, orange)	
24. Subtropical fruits (persimmon, pomegranate, fig, ...)	
25. Grape	
26. berries (strawberry, raspberry, currant, blackberry,	

gooseberry)	
27. Buts, wild nuts, almonds	
28. Tea (raw materials)	
29. Sunflower	
30. Tobacco (dried)	
31. Flowers (piece)	
32. Forest fruits (chestnut, blackberries, mushrooms)	
33. Young plants of vine, citrus, and fruits (piece)	
34. Vegetable seedlings (piece)	
35. Other (name)	

**D 37.** If you have sold any of the above listed products, please indicate the money gained of it

The sum gained over last year	
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**D 38.** Have you processed crops, fruits, vegetables or tea over last year?

yes	<b>continue</b>
no	<b>continue to the questiion D41</b>

**D 39.** Please indicate the volume of produced goods?

	Produced goods
1. Flour (kg)	
2. Wine (l)	
3. Vodka (l)	
4. Vegetable oil (l)	
5. Sauce, tomato paste (l)	
6. Dried fruits, Churchkhela (kg)	
7. Compote (l)	
8. Preserves, jam (l)	
9. Marinade (l)	
10. Preserved meals (l)	
11. Other type of processed goods (bran, etc)	
12. Tea (kg)	
Other (name)	

**D 40.** If you have sold any goods listed above, how much money have you gained? (GEL)

The sum gained over last year	
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**D 41.** Have you gained cattle and bird breeding products over last year?

yes	<b>continue</b>
no	<b>continue to the questiion D44</b>

**D 42.** What amount of cattle and bird breeding products have you gained over last year?

	Amount of produced goods
1. Beef (kg)	
2. Pork (kg)	
3. Meat of other animal (kg)	
4. Bird meat (kg)	
5. Milk (l)	
6. Egg (c)	
7. Wool, feather (kg)	
8. Leather (c)	
9. Honey (kg)	
Other (name):	

**D 43.** If you have sold any goods listed above, how much money have you gained? (GEL)

The sum gained over last year	
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**D 44.** Have you processed any cattle-breeding poultry products over last year?

yes	<b>continue</b>
no	<b>continue to the questiion D47</b>

**D 45.** If you have processed any cattle-breeding poultry products, please name what amount of goods have you produced?

	Quantity of gained products
1. Sausage (kg)	
2. Ham, gammon (kg)	
3. Other preserves (kg)	
4. Sour milk (l)	
5. Sour cream (kg)	
6. Cottage cheese (kg)	
7. Cheese (kg)	
8. Cream (kg)	
9. Butter (kg)	
10. Wool products (kg)	
Other products (name):	

**D 46.** If you have sold any goods listed above, how much money have you gained? (GEL)

The sum gained over last year	
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**D 47.** Have your family lumbered firewood over last year and if yes

	(m <sup>3</sup> )
what quantity of firewood have you lumbered	
Any expenses connected with lumbering of firewood	

**D 48.** How much money (GEL) have you spent on purchase of expensive goods over the last month:

7. Share in capital, stock and other securities	
8. of land, device for household purposes	
9. Transportation facilities	
10. Antique, unique commodities	
11. Jewelry, precious stones	
12. Apartment, dacha, garage, other real estate	
Other - - - - -	
Other - - - - -	

**Please bear in mind and explain to the respondents that questions regarding water consumption deals with municipal water consumption only when the water is running in the system. This section does not inquire about consuming water from reservoirs or other alternative sources!!!**

**Section W. Water consumption**

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**W 1.** Please tell me how many taps you have

In the residential house (building) (shower/bath tap does not count)	
Outside the residential house (in the yard or non-residential space)	
Shower/bath tap	

Now I'm going to ask you about the taps in your hh. I will list several activities for which it is needed to open the tap. Please consider the behaviors of every hh member and tell me approximately how many hours is each tap in your hh running for the purpose of the activities listed below. **Please bear in mind that this question deals with the time when the municipal water is running in the taps and not the water collected in reservoirs or alternative sources.** Tell me the total duration of water running hours for each action per day or per week, as you think fit.

Please tell me the approximate time of water running indoor considering behavior of all hh members.

Consider behavior of all hh members!!!	Hours per day	Hours per week
<b>W 2.</b> Faucet Is On For Cooking Purposes		
<b>W 3.</b> Faucet Is On For Potable Water Purposes		
<b>W 4.</b> Faucet Is On For Hand Washing		
<b>W 5.</b> Faucet Is On For Watering In-House Plants		
<b>W 6.</b> Faucet Is On For Teeth Brushing		
<b>W 7.</b> Faucet Is On For Washing Dishes		
<b>W 8.</b> Faucet Is On For In-House Wet-Cleaning Procedures		
<b>W 9.</b> Faucet Is On For Outdoor Wet-Clean Procedures		
<b>W 10.</b> Faucet Is On For Laundry (excluding the automatic washing machine)		
<b>W 11.</b> Faucet Is On For Treating Domestic Animals		
<b>W 12.</b> Faucet Is On For Storing Water (for filling all kinds of reservoirs)		
<b>W 13.</b> Faucet Is On For <b>Other Purposes</b>		

**Fill in the table below in case of having bath/shower faucet.** Let me ask you the same questions about bath/shower taps. Please tell me the approximate time of water running in these faucets considering behavior of all hh members.

Consider behavior of all hh members!!!	High season		Shoulder season		Low season	
	Hours per day	Hours per week	Hours per day	Hours per week	Hours per day	Hours per week
<b>W 14.</b> Time Showerhead Is On For Taking Shower/Bath						
<b>W 15.</b> Time Bathtub Faucet Is On For Cooking Purposes						
<b>W 16.</b> Time Bathtub Faucet Is On For Potable Water Purposes						
<b>W 17.</b> Time Bathtub Faucet Is On For Hand Washing						
<b>W 18.</b> Time Bathtub Faucet Is On For Watering In-House Plants						
<b>W 19.</b> Time Bathtub Faucet Is On For Teeth Brushing						
<b>W 20.</b> Time Bathtub Faucet Is On For Washing Dishes						
<b>W 21.</b> Time Bathtub Faucet Is On For In-House Wet-Cleaning Procedures						
<b>W 22.</b> Time Bathtub Faucet Is On For Outdoor Wet-Clean Procedures						
<b>W 23.</b> Time Bathtub Faucet Is On For Laundry (excluding the automatic washing machine)						
<b>W 24.</b> Time Bathtub Faucet Is On For Treating Domestic Animals						
<b>W 25.</b> Faucet Is On For Storing Water (for filling all kinds of reservoirs)						
<b>W 26.</b> Faucet Is On For <b>Other Purposes</b>						

Fill in the table below in case of having an outdoor tap. Let me ask you the same questions about outdoor taps. Please tell me the approximate time of water running in these faucets considering behavior of all hh members.

Consider behavior of all hh members!!!	High season		Shoulder season		Low season	
	Hours per day	Hours per week	Hours per day	Hours per day	Hours per week	Hours per day
W 1. Faucet Is On For Outdoor Gardening						
W 2. Faucet For Car Washing						
W 3. Faucet For Carpet Washing						
W 4. Faucet Is On For Cooking Purposes						
W 5. Faucet Is On For Potable Water Purposes						
W 6. Faucet Is On For Hand Washing						
W 7. Faucet Is On For Watering In-House Plants						
W 8. Faucet Is On For Teeth Brushing						
W 9. Faucet Is On For Washing Dishes						
W 10. Faucet Is On For In-House Wet-Cleaning Procedures						
W 11. Faucet Is On For Outdoor Wet-Clean Procedures						
W 12. Time Bathtub Faucet Is On For Laundry (excluding the automatic washing machine)						
W 13. Faucet Is On For Treating Domestic Animals						
W 14. Faucet Is On For Storing Water (for filling all kinds of reservoirs)						
W 15. Faucet For Other Non-Economic Purposes						
W 16. Faucet For Other Economic Purposes (i.e. operating a car wash facility, carpet wash facility, etc.)						

W 17. Do you have an automatic washing machine in your household?

Yes	1	Carry on
No	2	Proceed to W20

W 18. Approximately how many times a week do you use the washing machine?

High season	Shoulder season	Low season

W 19. Please tell me the model of your washing machine. ***In case the respondent isn't able to name the exact model, ask him/her to show you the machine and write down its specifications!***

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**W 20.** When your reservoirs (moveable buckets and containers) are full or half full with water and you want to refill them with new municipal water when it's running, how much of the collected water do you have to discard? I'm not asking about the part of the remaining water that you discard but what I want to know is approximately what part of your reservoir do you have to spill for filling the reservoir with anew?

Don't discard collected water	0
Indicate the approximate share of discarded water	%

**W 21.** Please tell me the approximate number of toilet flushes with municipal water in your hh. (not dealing with the toilets being flushed with water from containers or other alternative water sources)

Toilets are not washed down with municipal water	0	<b>Finish the interview</b>
Indicate the number of wash downs a day (considering the behavior of all hh members)		<b>Continue</b>

**W 22.** Please tell me the approximate volume of toilet wash down basin. ***In case the respondent is unable to name the volume of the basin, ask him/her to show it to you and assess its volume yourself!***

\_\_\_\_\_ **liters.**

**W 23.** Please specify flow rate of each tap:

In the residential house (building) (shower/bath tap does not count)	
Outside the residential house (in the yard or non-residential space)	
Shower/bath tap	

## Section U. School followup

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Date of the visit: \_\_/\_\_/\_\_

### U 1. Toilet the school:

Bowl with running water	1
Turkish toilet with running water	2
Other <i>specify</i>	

### U 2. Are separate toilets for boys and girls:

Yes	1
No	2

### U 3. Was water on during your visit?

Yes	1
No	2

### U 4. Type of soap at school toilet:

Dry	1
Liquid	2
None	0

### U 5. Sources of potable water at school:

Municipal tap water	1
Well water	2
Spring water or water adjoined by the tube from the nearest spring	3
Water container	4
Bottled water (purchased)	5
Water collected by hand from municipal water spring (i.e. public tap)	6
Water collected by hand from the nearby alternative water source	7
Other <i>specify</i>	