



## Up-scaling Basic Sanitation for the Urban Poor (UBSUP)

### Social Questionnaire for interviewing households and plot occupants

Prepared by the entire UBSUP Team

#### UBSUP Document 6 (25.04.2012)

Province		Data Collection Date	
County		Data Collector	
Town		Supervisor	
Area Name		Data Entry Clerk	
Area ID		Data Entry Date	
MajiData ID		Interview No.	
Picture ID		Picture ID	
Picture ID		Picture ID	
Remarks			

*To be completed before the interview*

Brief Description of the area (*check with the description provided in MajiData*)

### Instructions for the Data Collector:

- Introduce yourself and explain in some detail the purpose of your visit. You are working for the Water Services Trust Fund. The study intends to collect information needed to improve the sanitation situation in this city/town. But the sanitation programme can be implemented the WSTF team needs to find out what opinions and preferences the residents of this town have with regard to sanitation.
- Explain that it is very important that the **women** of this household take part in the interview.
- Explain that all (personal) information, respondents provide, remains confidential and won't be disclosed to third parties.
- Do not read out to your respondents the alternative answers we have formulated, but give them the opportunity to come up with their own ideas and when they do, just write on your answer sheet the corresponding numbers. Only read out the alternative answers to your respondents if they face problems answering the question. With the exception of a few questions respondents are asked to give **one answer per question** only.
- Please tell the people present in a polite way that due to reasons of data reliability only one person is supposed to be interviewed. Nevertheless, other persons are mostly welcome to share their views and to participate, but we can not note their answers. Therefore it is important, before we start interviewing, that we have already agreed on who is going to be interviewed.

**Nakutakia mema!!**

## SECTION A: General Information on the plot where the household lives

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1. Number of dwellings and households on the plot?

Number of <b>dwelling</b> s	
Number of <b>households</b>	

2. How many people are there residing on the plot?

Number of <b>women</b> (including girls)	
Number of <b>men</b> (including boys)	
Number of dwellings where number of persons is known	

3. Main roofing materials used on the **plot**

1.	Grass
2.	Iron/asbestos
3.	Wood
4.	Mud
5.	Makuti/ Palm leaves
88.	Other (please specify)

4. Main housing materials used for walling on the **plot**

1.	Mud
2.	Iron sheets
3.	Concrete bricks (cement)
4.	Earth bricks/ Burnt bricks
5.	Wood/ Timber
6.	Stones
88.	Other (please specify)

5. Are most of the residents living on this plot renting or owning their accommodations?

1.	Renting
2.	Owning
3.	A mix (owning & renting)
88.	Other (please specify)

6. Who owns the plot?

1. Resident landlord
2. Resident landlady
3. Non-resident landlord
4. Non-resident landlady
5. The local authority
6. The National Housing Cooperation
7. The occupants of the dwellings
88. Other (please specify)

## SECTION B: Information on the household interviewed

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7. How many people are there (living) in your household?

Number of <b>women</b> (including girls)	
Number of <b>men</b> (including boys)	

8. Gender of the head of the household

1.	Man
2.	Woman
99.	Non applicable

9. Marital status of the head of the household

1.	Married
2.	Single
3.	Divorced
4.	Widow/widower
88.	Other (specify)
99.	Non applicable

10. If you are renting your accommodation, how much rent do you pay?

1. KSh/ month:
2. Payment in kind
77. Don't know
88. Other (please specify)
99. Non applicable

11. What are the main sources of income of the **female** household members?

1. Agriculture/fishery
2. Wage employment
3. Temporary employment
4. Trade, business or shop keeping
5. Tenants
6. Relatives or others (*money transfer*)
7. Money lending
8. Some form of benefit (*pension, NSSF, etc.*)
9. No sources of income
10. No female members in this household
88. Other sources of income

12. What are the main sources of income of the **male** household members

1. Agriculture/fishery
2. Wage employment
3. Temporary employment
4. Trade, business or shop keeping
5. Tenants
6. Relatives or others (*money transfer*)
7. Money lending
8. Some form of benefit (*pension, NSSF, etc.*)
9. No sources of income
10. No male members in this household
88. Other sources of income

13. *Assessment of the household income level (by the Data Collector). The household is/has:*

1. Very poor
2. Poor
3. Medium income
4. High income
88. Other (please specify)
99. Non applicable

14. Does your household have (own) the following items?
- |    |  |     |     |
|----|--|-----|-----|
| a. | Fridge                                 | Yes | = 1 |
| b. | Television                             | No  | = 2 |
| c. | Radio/music system                     |     |     |
| d. | DVD player                             |     |     |
| e. | Sofa set                               |     |     |
| f. | Gas/electric cooker                    |     |     |
| g. | Car (including a pick-up, light truck) |     |     |
| h. | Paid satellite connection (pay-TV)     |     |     |
15. What are the religions of the members of your household? (multiple answers possible)
1. Christian
  2. Muslim
  3. Hindu
  4. No religion
  88. Other (please specify)

### **SECTION C: Information on Water Supply & Electricity (PLOT-level)**

16. Is the plot connected to the water distribution network (provided by WSP)?
1. Yes
  2. No
  77. Don't know
17. Is the (water supply) connection metered and billed (by the WSP)?
1. Yes, metered and billed
  2. Yes, metered but not billed
  3. Yes, billed but not metered
  4. No (not metered and billed)
  77. Don't know
  99. Non applicable
18. How does your household pay for its water?
1. Flat monthly rate
  2. According to the meter readings
  3. Per oil drum
  4. Per 20-litre container
  5. Included in the rent
  88. Other (please specify)
  99. Non applicable
19. Is the plot connected to the electricity grid (Kenya Power)?
1. Yes
  2. No
20. Is the connection metered and billed?
1. Yes, metered and billed
  2. Yes, metered but not billed
  3. Yes, billed but not metered
  4. No (not metered and billed)
  77. Don't know
  99. Non applicable

## SECTION D: Current Sanitation Situation

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### Sanitation at plot level

21. How many toilets are there on your plot?  
Number [.....]
22. Which types of functioning toilets are found on the plot? (*max. 3 answers possible*)
1. Flush toilet
  2. Traditional pit latrine
  3. Improved pit latrine (air vent, proper superstructure)
  4. Ventilated Improved Pit latrine (VIP)(vent pipe, fly screen)
  5. Pour flush toilets
  6. Urine diversion latrine
  7. Toilet linked to septic tank
  8. Biogas latrine (bio-digester)
  9. Toilet linked to sewer
  10. Public (fee paying) facility
  11. Toilet with raised platform and open discharge
  12. No toilets on the plot
  88. Other sanitation facility
  99. Non applicable
23. What type of toilet or sanitation practice is your household currently using? (consider all toilets on the plot)
1. Flush toilet
  2. Traditional pit latrine
  3. Improved pit latrine (air vent, proper superstructure)
  4. Ventilated Improved Pit latrine (VIP)(vent pipe, fly screen)
  5. Pour flush toilets
  6. Urine diversion latrine
  7. Toilet linked to septic tank
  8. Biogas latrine (bio-digester)
  9. Toilet linked to sewer
  10. Public (fee paying) facility
  11. Toilet with raised platform and open discharge
  12. Flying toilet or toilet bag (“peepoo”)
  13. Open defecation
  88. Other sanitation facility or practice
  99. Non applicable
24. Does your household have its own toilet?
1. Yes
  2. No
25. (If **yes**, see *previous question*); Do you share your latrine with other households?
1. Yes
  2. No
  3. Sometimes
  99. Non applicable

26. Are outsiders (not visitors, but just outsiders) allowed to use the toilet?
1. Yes
  2. No
  3. Sometimes
27. Do outsiders have to pay for using the toilet?
1. Yes
  2. No
  3. Sometimes
  99. Non applicable
28. (If **yes**, see *previous question*) How much?
1. KSh.....per use
  2. KSh .....per month
  77. Don't know
  99. Non applicable
29. What are the advantages of sharing a toilet? (*multiple answers possible*)
1. Shared maintenance
  2. It's cheaper
  3. Less use of space
  4. It's a source of income
  5. No advantages
  88. Other (please specify)
  99. Non applicable
30. What are the disadvantages of sharing a toilet? (*multiple answers possible*)
1. Poor maintenance and hygiene
  2. No privacy
  3. Pit gets full quickly
  4. No disadvantages
  5. Queuing
  88. Other (please specify)
  99. Non applicable
31. Approximately how many people (including the children) are using the toilet you use?
1. No: [.....]
  66. It varies
  77. Don't know
32. Are both **men and women** using the same toilets?
1. Yes
  2. No
  3. Sometimes
33. Do members of your household also use toilet facilities found outside the plot?
1. Yes
  2. No
  3. Sometimes
  77. Don't know

34. Does your household also use flying toilets, toilet bags or “bush facilities”?
1. Yes
  2. No
  3. Sometimes
  77. Don't know
35. Does your household have to pay for using the toilet?
1. Yes
  2. No
  3. Sometimes
36. (*If yes, see previous question*) How much?
1. KSh.....per call (use)
  2. KSh .....per month
  66. It varies
  77. Don't know
  88. Other (please specify)
  99. Non applicable

## SECTION E: Solid Waste

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37. How do the residents of your plot dispose off their solid waste?
1. In a special pit within the plot
  2. In a special pit outside the plot
  3. Solid waste is burned (within the plot)
  4. Solid waste is burned (outside the plot)
  5. It is buried within the plot
  6. It is buried outside the plot
  7. Waste is dumped in the pit latrine
  8. It is dumped on a heap in the yard
  9. It is dumped in the sewer
  10. Solid waste is dumped in a drain
  11. It is dumped in the (nearby) bush
  12. It is dumped in the stream/river/lake
  13. It is dumped in a nearby swamp
  14. Waste is dumped along the road
  15. It is dumped at a dumpsite or at a communal point
  16. There is a private kerbside waste collection system
  88. Other solid waste disposal method (please describe)
  99. Non applicable
38. If there is a private kerbside waste collection system, how much is paid for these services?
1. KSh [.....] per collection
  2. KSh [.....] per week
  3. KSh [.....] per month
  77. Don't know
  99. Non applicable
39. Is there a rubbish pit on the plot?
1. Yes
  2. No



40. Do you separate organic waste (e.g. food leftovers) from other wastes?
1. Yes
  2. No
  3. Sometimes
41. Do you use your toilet to dump solid household wastes?
1. Yes
  2. No
  3. Sometimes
  99. Non applicable
42. (*If yes, see previous question*) Which wastes are dumped in the toilet?
1. Cloths
  2. Bottles
  3. Batteries
  4. Old shoes
  5. Dead animals
  6. Sanitary towels/tampons
  7. Chemicals/poison
  8. No wastes are dumped in the toilet
  9. Used baby diapers (Pampers)
  88. Other wastes (please specify)
  99. Non applicable

## SECTION F: Hygiene Practices and Provisions

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43. What do you use for your personal hygiene (*anal cleansing method used*)? (*baada ya haja, unatumia nini kwa usafi kama vile tissue, maji,....*)
1. Water
  2. Tissue paper
  3. Newspapers
  4. Old (cement) bags
  5. A combination (water and paper)
  6. Leaves
  7. Sand/ Stone
  8. Hands
  9. Nothing
  88. Other (please specify)
  99. Non applicable
44. (*If water is used for personal hygiene, see previous question*) How is water used for personal hygiene? (*drawn from a bucket, a small plastic teapot, etc.*) (*multiple answers possible*)
1. Using a cup
  2. A small jerrycan
  3. Using a hand washing facility
  4. Drawn from a bucket
  5. Using a small plastic teapot
  6. Drawn from an oil-drum
  6. From a tap
  88. Other (please specify)
  99. Non applicable

45. Is the toilet also used as a bathroom (for bathing)?
1. Yes
  2. No
  3. Sometimes
  99. Non applicable
46. Is the toilet also used for other purposes such as storage?
1. Yes
  2. No
  3. Sometimes
  99. Non applicable
47. Are the toilets (is the toilet) on the plot equipped with a hand washing facility?
1. Yes
  2. No
  99. Non applicable
48. Is this hand washing facility currently in use?
1. Yes
  2. No
  99. Non applicable
49. Is there at the moment a piece of soap at the toilet/hand washing facility?
1. Yes
  2. No
  99. Non applicable
50. Do you always wash your hands *after* using the toilet?
1. Yes
  2. No
  3. Sometimes
  88. Other (please specify)
  99. Non applicable
51. (If **yes**, see *previous question*) Even after a short-call?
1. Yes
  2. No
  3. Sometimes
  99. Non applicable
52. (If **no** or **sometimes**, see *previous question 49*) **Main** reason why not?
1. No hand washing facility
  2. Inadequate water supply
  3. No soap available
  4. No time to wash hands/always in a hurry
  5. Not knowing why hand washing is important
  6. Not seeing the need
  7. Forgetfulness
  8. Soap is expensive
  9. It's a cultural/religious practice
  88. Other reason (please specify)
  99. Non applicable

53. What do you use to wash hands?
1. Water
  2. Water and soap
  3. Sand (soil) and water
  4. Ashes and water
  5. Sand (soil)
  6. Ashes
  75. Don't wash
  88. Other (please specify)
  99. Non applicable
54. Do you think it is important to wash your hands after using the toilet?
1. Yes
  2. No
  3. Sometimes
  88. Other (please specify)
55. (If **yes**, see *previous question*) **Main** reason why?
1. To prevent (transmission of) diseases
  2. To prevent the contamination of food
  3. To clean them (the hands)
  4. Don't know why hand washing is important
  5. It's a cultural/religious practice
  6. It's a tradition/It's common practice
  88. Other (please specify)
  99. Non applicable
56. (If **not**, see *question 54*) **main reason** why?
1. Washing hands does not stop transmission of diseases
  2. Washing hands is not good
  3. It's wastage of water
  4. Don't know why hand washing is important
  88. Other (please specify)
  99. Non applicable

## SECTION G: Keeping the Toilet Clean

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57. Who clean(s) the toilet(s) that you use?
1. The users
  2. Specific plot members
  3. The women
  4. The men
  5. The landlord
  6. The tenants
  7. A cleaner (e.g. a specialised company)
  8. No one cleans the toilet(s)
  9. The caretaker
  88. Other (please specify)
  99. Non applicable

58. Do you pay for having the toilet cleaned?
1. Yes
  2. No
  3. Sometimes
  99. Non applicable
59. How often is the toilet cleaned?
1. More than once per day
  2. Once per day
  3. Several days a week
  4. Weekly
  5. Monthly
  6. When it is dirty
  7. When people have time
  8. It is never cleaned
  88. Other (please specify)
  99. Non applicable
60. How do you clean the toilet you use?
1. Water is used for cleaning the toilet
  2. Soap and water is used for cleaning the toilet
  3. By sweeping
  4. We don't clean it
  88. Other (please specify)
  99. Non applicable
61. *(If the toilet is never cleaned, see previous question)* What prevents you from cleaning your toilet?
1. Lack of water
  2. Lack of commitment
  3. No cooperation between users
  4. The landlord/landlady is responsible
  5. The toilet is in very poor (technical) condition
  6. Lack of cleaning materials (e.g. broom)
  7. Lack of cleaning chemicals (e.g. detergents)
  8. Not necessary to clean
  88. Other reason (please specify)
  99. Non applicable
62. Do you think the toilet(s) is (are) clean most of the time?
1. Yes
  2. No
63. Do you think the toilet(s) is (are) clean at the moment?
1. Yes
  2. No
  3. Not really clean and not really dirty

64. (If **not**, see previous question) Why do you think your toilet is dirty?
1. It is not cleaned (frequently enough)
  2. It is difficult to keep it clean (because of its design, materials used, etc.)
  3. Too many people are using it
  4. No one feels responsible
  5. The way it is used
  6. The way it is maintained and cleaned
  88. Other (please specify)
  99. Non applicable

**Instruction for the Data Collector: Please visit the toilet after the interview.**

## **SECTION H: Operation & Maintenance of Toilets**

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65. Who is responsible for repairing the toilet (when it is damaged)?
1. The household
  2. All households (families) living on the plot
  3. The landlord/landlady
  4. The tenants
  5. A specialised company/person
  6. Nobody is responsible
  77. Don't know
  88. Other (please specify)
  99. Non applicable
66. What are the most common repair works? >> Repairing the:
1. walls
  2. roof
  3. slab
  4. pit
  5. basin
  6. door
  7. locks
  8. hand washing facility
  88. Other (please specify)
  99. Non applicable
67. Who pays for the repair works?
1. The household
  2. All households (families) living on the plot
  3. The landlord/landlady
  4. The tenants
  88. Other (please specify)
  99. Non applicable

## SECTION I: Emptying Practices (for those using pit latrines and septic tanks)

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68. Is the toilet you use full now?

1. Yes
2. No
77. Don't know
99. Non applicable

69. What happens when the toilet you use is full?

1. It is totally emptied
2. It is partially emptied
3. A new toilet is constructed (i.e. the toilet is not emptied)
4. A new pit is dug (next to the toilet)
5. Nothing happens
6. It has never been full
7. Allow it to overflow in the drain/river/ditch, etc.
8. Adding chemicals
9. Toilet never got full
77. Don't know
88. Other (please specify)
99. Non applicable

70. Why is the toilet you use not emptied?

1. Due to dumping of other wastes (bottles, plastics, etc.)
2. The content of the toilet has become solid
3. There are no people who can empty the toilet
4. It's a taboo
5. It's not a tradition here to empty toilets
6. Too expensive
7. Lack of emptying services
8. The toilet never got/gets full
9. The landlord/landlady does not see the need
10. A new pit is dug
88. Other (please specify)
99. Non applicable

71. How long does it take for your toilet to fill up?

1. Less than one month
2. A month
3. Between 1 month and 6 months
4. Between 7 months and one year
5. 1 to 5 years
6. 6 to 10 years
7. More than 10 years
8. The toilet never got/gets full
77. Don't know
88. Other (please specify)
99. Non applicable

72. Has your latrine ever been emptied?

1. Yes
2. No
77. Don't know
99. Non applicable

**Instruction for the Data Collector:** *If latrine has never been emptied: skip from 73 to 82*

73. (If **yes**, see previous question) How often is the toilet/septic tank emptied (frequency)?

1. Less than one month
2. Monthly
3. Between 1 month and 6 months
4. Between 7 months and one year
5. 1 to 5 years
6. 6 to 10 years
7. More than 10 years
8. The toilet never got/gets full
77. Don't know
88. Other (please specify)
99. Non applicable

74. What are the main problems related to toilet emptying? (*record more than one answer if necessary*)

1. The costs involved
2. Access to the toilet
3. Finding the people to empty it
4. Tried but failed to empty/difficult to empty
5. Lack of emptying services
6. Bad smell
7. Spillages while emptying
8. Lack of cooperation and commitment
9. Landlord/landlady does not see the need
10. No problems
77. Don't know
88. Other (please specify)
99. Non applicable

75. Who empties the toilet you use? (if it has been emptied)

1. The household does it
2. All households (families) living on the plot empty the latrine
3. The landlord/landlady (does it/has it done)
4. The tenants
5. Another specialised company
6. The Council (local authority)
7. The Water Service Provider (WSP)
8. We never empty/emptied our latrine(s)
77. Don't know
88. Other (please specify)
99. Non applicable

76. How is the latrine you use emptied? (i.e. emptying by hand, exhauster truck, etc.)

1. The manual pit emptiers (bucket emptying)
2. Mechanical emptying (Gulper pump, Vacutug pump, Maped pump etc.)
3. Exhausters/ Vacuum tanks (WSP, private)
77. Don't know
88. Other (please specify)
99. Non applicable

77. (If **yes**, *see previous question*) How is the sludge disposed of?

1. Dumped in a nearby drain
2. Dumped on an empty plot
3. Dumped in the river
4. Dumped on an empty piece of land
5. It is taken to the treatment works
6. It is composted
7. Draining into another pit
77. Don't know
88. Other (please specify)
99. Non applicable

78. Do you think the sludge is disposed of in a good way?

1. Yes
2. No
3. Sometimes
4. Don't know
99. Non applicable

79. (If the toilet you use is emptied, *see previous question*) How much is paid for emptying the pit/septic tank?

1. KSh.....for having the pit emptied
2. KSh .....per month
77. Don't know
99. Non applicable

80. Is this a reasonable amount?

1. Yes
2. No
77. Don't know
99. Non applicable

81. What is the maximum amount you are (your household is) willing to pay for having your latrine emptied?

1. KSh.....for having the pit emptied
2. KSh .....per month
77. Don't know



82. Are there pit emptiers working in this area (neighborhood)?

1. Yes
2. No
3. Sometimes
77. Don't know
88. Other (please specify)
99. Non applicable

83. Would you be willing to use organic fertiliser made of human waste?

1. Yes
2. No
3. Sometimes
88. Other (please specify)

84. (If **not**, see previous question) Why not?

1. We have no use for it
2. It is not good to use human waste
3. It can cause disease
4. It's a taboo
5. We are not used to it
88. Other (please specify)
99. Non applicable

## SECTION J: Opinions Regarding Sanitation

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85. What do you consider to be the **three (3) main problems in your area** as far as sanitation (toilets, toilet use) is concerned?

1. There are no toilets (no access to toilets)
2. Toilets are not sufficient
3. Toilets are dirty
4. Toilets are dangerous (in poor technical condition)
5. Toilets (pits) are full
6. Toilets are not well maintained (taken care of)
7. Toilets are far
8. It is risky to go to the toilet (e.g. at night)
9. The toilet smells
10. The toilet is too dark
11. The toilet overflows
12. Toilets are expensive (to use)
13. Toilets do not have a hand washing facility
14. Faecal sludge is dumped in the area
15. High water table
16. Sandy soils and collapsing pits
17. Toilets do not offer privacy
18. Flies and/or termites
19. Sharing
20. No problem
77. Don't know
88. Other (please specify)

86. Are you satisfied with your sanitation situation?

1. Yes
2. No
3. Sometimes

87. What are the **three (3)** main **disadvantages** of the toilet(s) **you** use? *(if necessary read out the disadvantages we have formulated and take your time to ask this important question)*

1. Limited access to toilets
2. Toilets are not sufficient (resulting in queuing)
3. Toilets are dirty
4. Toilets are dangerous (in very poor technical condition)
5. Toilets (pits) are full
6. It is difficult or impossible to empty the toilets
7. Toilets are not well maintained (taken care of)
8. Toilets are far (from our house)
9. It is dangerous to go to the toilet (e.g. at night)
10. The toilets smell
11. The toilets are too dark
12. The toilets overflow
13. Toilets are not user-friendly (especially for the elderly & disabled)
14. The toilets do not offer sufficient privacy
15. The toilets are used by both men and women
16. Toilets are expensive (to use)
17. Toilets do not have a hand washing facility
18. Flies
19. Sharing the toilet
20. No disadvantages
77. Don't know
88. Other (please specify)
99. Non applicable

88. Which of the following **technical** problems are you experiencing with the toilet you use? *(read out the answers we have formulated)*

1. Destruction of the toilet by termites
2. Collapsing of the pit because of heavy rains
3. Collapsing of the pit because of overflowing
4. Overflowing of the pit due to the high water table
5. Collapsing of toilets because of landslides
6. Collapsing of the toilet (including pits) because of poor structure
7. Toilet used by (too many) others
8. Emptying is (too) complicated
9. Emptying has to be done too frequently (too often)
10. Using the toilet is too complicated/ cumbersome
11. Handling the compost and urine
12. Maintaining the biogas installation
13. Using the biogas installation
14. Using the compost and/or urine
15. Leaking roofs
16. No roofs
88. Other (please specify)
99. Non applicable

89. Do you think your toilet is user friendly? (*men, women, children*)?

1. Yes
2. No
3. Sometimes
99. Non applicable

90. Do you think your toilet is also user friendly for the handicapped?

1. Yes
2. No
3. Sometimes
99. Non applicable

## SECTION K: Improving Sanitation

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91. What is most important for your household/family? (*read out the options to the respondent*)

1. Having a TV
2. Safe water
3. Access to a good school
4. Improved sanitation
5. Access to a clinic or hospital
77. Don't know/ no opinion

92. Do you feel your toilet/the toilet you use needs improving?

1. Yes
2. No
77. Don't know

93. (*If yes, see previous question*) Who is responsible for improving the toilets you use?

1. Ourselves
2. The landlord/landlady
3. The tenants
4. The Local Authority (Council)
5. The Government
77. Don't know
88. Other (please specify)

94. Are there any plans to improve your toilet?

1. Yes
2. No
77. Don't know
88. Other (please specify)

95. (*If yes, see previous question*) What do you plan to do?

1. Ensure that the (existing) toilet remains clean
2. Rehabilitate and/or improve the existing toilets
3. Build new pit latrine toilets
77. Don't know
88. Other type of intervention (please specify)
99. Non applicable

96. What would be your preferred toilet or sanitation practice?

1. Traditional pit latrine
2. Toilet bag (“peepoo”) → biodegradable
3. Open defecation (bush, drain, etc.)
4. Improved pit latrine (air vent, proper superstructure)
5. Ventilated Improved Pit latrine (VIP)(vent pipe, fly screen)
6. Pour flush toilets
7. Urine diversion toilet
8. Flush toilet
9. Biogas latrine (bio-digester)
10. Public (fee paying) facility
11. Toilet with raised platform and open discharge (e.g. toilet built on a river bank)
12. Composting toilets
13. Flying toilets
88. Other sanitation facility (please specify)

97. **Why** is this preferred toilet or sanitation practice?

1. Modern/good/stylish
2. Easy to clean
3. Affordable
4. Easy to construct
5. No smell
6. No flies
7. User friendly
8. Easy to maintain
9. Durable
10. Secure
11. Privacy
12. Does not get full quickly
13. Enough light
14. Safe
15. Can be used as a bathroom
16. Produces biogas/manure
17. It’s common
18. Comfortable
19. Cleanliness/Hygiene
88. Other (please specify)

98. Does your landlord/landlady think that good toilets are important for the tenants?

1. Yes
2. No
77. Don’t know
99. Non applicable

99. What can you say about the willingness and ability of your landlord to invest in improved sanitation?

1. Yes, he/she is able and willing
2. He/she is able but not willing
3. He/she is willing but not able
4. He/she is not able and willing
88. Other (please specify)
99. Non applicable

100. What can you say about your willingness and ability to pay a somewhat higher rent to get better toilets?

1. Yes, I am able and willing
2. I am able but not willing
3. I am willing but not able
4. I am not able and willing
88. Other (please specify)
99. Non applicable

101. If you were able – what would be the one most important thing you would do to improve your toilet?

1. Improve the walls (e.g. better materials)
2. Improve the door / Install a door
3. Improve the floor/slab
4. Improve the roof
5. Install a vent pipe (upgrade to a VIP)
6. Install a composting chamber
7. Reduce the smell
8. Improve the lighting
9. Improve privacy
10. Prevent attacks by ants & termites
11. Install a lock
88. Other (please specify)
99. Non applicable

102. Should a good toilet be well lit or dark inside?

1. Dark
2. Well Lit
3. Not too light and not too dark
77. No opinion / Don't know
88. Other (please specify)

**Explain the following to your respondents:**

- *The Water Services Trust Fund is developing a project approach/concept for household and plot level sanitation.*
- *Some people believe that beneficiaries should contribute to the (investment) costs of improved latrines*

103. Who do you think should contribute to the cost of an improved toilet? **(Do not read out the answers)**

1. Landlord/landlady
2. Tenants
3. Both
4. The Local authority
5. The Government
6. The household
88. Other (please specify)
99. Non applicable

104. Do you feel that the beneficiaries should also be asked to contribute to the cost of an improved toilet?

1. Yes
2. No

105. (If **yes**, see question **102**) Suppose an improved latrine costs KSh 30,000. How much should the landlord/landlady/owner contribute?

1. KSh..... (one amount)
99. Non applicable

106. (If **yes**, see question **102**) Suppose an improved latrine costs KSh 30,000. How much should the tenants (not necessarily residents) contribute?

1. KSh..... (one amount)
99. Non applicable

107. (If **yes**, see question **106**) How should beneficiaries contribute? (e.g. in kind, financial contribution, instalments, contribution to be included in the water bill, etc.)

1. Financial contribution; one amount
2. Financial contribution; instalments
3. Contribution in kind
4. Both (financial and in kind)
88. Other (please specify)
99. Non applicable

108. Are you aware of your Constitutional right to access adequate sanitation?

1. Yes
2. No

109. What do you consider as the three (3) main problems in this area?
1. Poor access to safe (clean) water
  2. Poor access to adequate (proper sanitation)
  3. Transport
  4. High population
  5. Health problems, access to clinics
  6. The price of water is too high
  7. Insufficient clean water
  8. The distance to the water source is too long
  9. Lack of a good solid waste/garbage collection system
  10. Lack of a good sanitation system
  11. The water table is too high
  12. Poor drainage system
  13. Lack of land for farming
  14. Lack of land for residence
  15. Difficulty in getting enough food
  16. Lack of electricity
  17. There is too much crime and vandalism
  18. Proper housing
  19. Insufficient cash income
  20. Unemployment
  21. No schools (or not enough schools)
  22. No playgrounds for children
  23. No community facilities (e.g. a community hall)
  24. Flooding
  25. No rubbish pits
  88. Other problems (please specify)
  99. Non applicable
110. Are you aware of any programs or projects which are promoting or marketing improved latrines in the area?
1. Yes
  2. No
111. Have you or other members of your household ever been approached by a project or the local authority concerning improving your sanitation?
1. Yes
  2. No
  77. Don't know
112. (Ask this question only to households owning or using an **improved toilet**<sup>1</sup>) Did the improved latrine indeed result in an improvement of the sanitation situation?
1. Yes
  2. No
  77. Don't know

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<sup>1</sup> **Improved** toilet: Pour flush, Flush, VIP, Improved Pit Latrine, UDDT and Composting toilet.

**Unimproved** toilet & practices: Open defecation, Bucket toilet and Pit latrine.

## SECTION L: Observations made by the Data Collector

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113. Please write down the gender of the interviewee.

M	Male
F	Female

114. Respondent is a tenant and/or landlord? (**Important**)

1.	Tenant
2.	Landlord
3.	Free lodging
4.	House owner (plot occupied by a single household)
88.	Other (Specify)

### ***Ask if it is possible to see the toilet used by the respondents***

*If you have a camera, take one or more geo-referenced pictures of the toilet facility used by the household interviewed and record the picture numbers.*

115. *If possible measure the dimensions [w \* d \* h (in cm)]*

116. *Assess the technical condition of the toilet.*

1. Good
2. Fair
3. Poor
99. Non applicable

117. *Assess the hygienic condition of the toilet.*

1. Good
2. Fair
3. Poor
99. Non applicable

118. *Assess the usage of the toilet (e.g. the toilet is used for solid waste dumping or used as a bathroom) (more than one answer is possible)*

1. The toilet is used for the intended purpose
2. The toilet is also used to dump waste
3. The toilet also serves as a bathroom
4. The toilet is used for storage
88. Other (please specify)
99. Non applicable



119. What are the main technical problems that can be expected during the construction of an improved toilet? (Constraints such as a high water table, sandy or rocky soils). (Multiple answers possible)
1. Rocky soils
  2. Sandy soils
  3. High water table
  4. Space for the toilet (sufficient units)
  5. Space to work
  6. No problem
  88. Other (please specify)
120. Is there space for one (1) or more improved toilets? (according to your observation)
1. Yes
  2. No
121. Will (according to you) the improved toilet be accessible for:
- a) An exhauster truck?
    1. Yes
    2. No
  - b) An animal or hand drawn cart?
    1. Yes
    2. No
  - c) Frog men (manual pit emptiers) and their equipment?
    1. Yes
    2. No

**Guidelines for the Data Collector:**

- Tell all respondents and other people present that you have asked all your questions. Thank everybody for their co-operation and explain that the survey results will be used to improve the water and sanitation situation of the low income areas of Kenya.
- Ask respondents if they wish to make comments concerning the interview or the questions asked. If people wish to do so, write down their remarks on your answer sheet
- Do you wish to make any comments regarding this particular interview or the respondents that were interviewed? Write these comments on your answer sheet.