



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

Testing procedure for the UBSUP toilet after commissioning

Prepared by the UBSUP team

UBSUP Document 5 (February 2013)



Name of procedure:	Monitoring testing toilets A_v1.2
When:	This questionnaire and instruction is meant for people collecting data on the UBSUP toilets during the testing phase. They are to be used right after commissioning the toilets.
For:	Data collectors.
Aim:	To guarantee transparent uniform data collection on the UBSUP toilets.
Tools/equipment needed:	Mobile phone with camera, torch
Materials needed:	Writing pad, pen

Data collection

Start:

Introduce yourself to the owner of the plot or to the members of the households on the plot. Tell them that you are going to collect data after each visit to an UBSUP toilet for the next 9 days. This information will be used to understand the sanitation habits of various users and to improve the toilet.

Ask when entering the plot for the first time:

No.	Question	Answer	Code
1	Have all adults on the plot been trained on how to use the toilet?	Yes	1
		No	2
		Don't know	3
2	What kind of covering material is used in the toilet?	Ash	1
		Wood chips / wood shavings	2
		Sand	3
		Other	4
		Don't know	5
3	Is ash available in the area?	Yes	1
		No	2
4	Are wood shavings available in the area?	Yes	1
		No	2
5	Is the ash bought or it is from the households on the plot?	Bought	1
		Own Households	2
		Don't know	3
6	How much ash is used after a long call?	Spoon	1
		Handful	2
		Other	3
		Don't know	4

7	Is the toilet comfortable to use?	Yes	1
		No	2
		Don't know	3
		No	2
		Don't know	3
8	If the toilet is NOT comfortable to use, what is the reason?	Too hot	1
		Too cold	2
		Too dark	3
		Difficult to squat	4
		Holes too small	5
		Other, record	6
		Not applicable	7
9	Is it difficult to aim properly (for both long and/or short calls), when using the SafiSan toilet?	Yes	1
		No	2
		Don't know	3
10	How do the residents of your plot dispose of their solid waste?	In a <u>special pit within the plot</u>	1
		In a <u>special pit outside the plot</u>	2
		Solid waste is <u>burned</u> (within the plot)	3
		Solid waste is <u>burned</u> (outside the plot)	4
		It is <u>buried within the plot</u>	5
		It is <u>buried outside the plot</u>	6
		Waste is dumped in the <u>pit latrine</u>	7
		It is dumped on a <u>heap in the yard</u>	8
		It is dumped in the <u>sewer</u>	9
		Solid waste is <u>dumped in a drain</u>	10
		It is dumped in the (nearby) <u>bush</u>	11
		It is dumped in the <u>stream/river/lake</u>	12
		It is dumped in a <u>nearby swamp</u>	13
		Waste is <u>dumped along the road</u>	14
		It is dumped at a <u>dumpsite</u> or at a communal point	15
		There is a private <u>kerbside waste collection system</u>	16
		<u>Other</u> solid waste disposal method	17
		Solid waste is dumped in the SafiSan <u>toilet</u>	18
		Non applicable	19
11	Have you been trained on what to do when one vaults of the toilet is full?	Yes	1
		No	2
		Don't know	3
12	Do you have the possibility of using the compost in a useful way within your plot?	Yes	1
		No	2
		Don't know	3

13	If yes, where are you planning to use the compost for?	Flowers	1
		Trees	2
		Kitchen gardening	3
		Will sell the compost	4
		Will dump it	5
		Not applicable	6

14	Are there already private service providers in the area who empty and transport the compost to those who require it for economic use?	Yes	1
		No	2
		Don't know	3

15	If yes, what kind of providers? (Multiple answers possible)	Manual emptiers	1
		Youth groups	2
		CBOs	3
		Casual labourers	4
		Others	5
		Not applicable	6

General observations done by the data collector:

Ask the landlord or house holder if you are allowed to have a look into their toilets.

16	Instruction posters (use and maintenance) available?	Yes	1
		No	2

17	Is ash or wood shavings present in the toilet?	Yes	1
		No	2

18	Has solid waste been dumped in the toilet?	Yes	1
		No	2

19	If waste is dumped in the toilet, indicate what kind of waste (tick more than one option if necessary)	Diapers	1
		Hygiene pad	2
		Plastic material	3
		Glass	4
		Newspaper	5
		Bones	6
		Other	7

20	Is the urine section blocked?	Yes	1
		No	2
		Cannot verify	3

21	Are the faeces in the vault dry? Can you tell if water or urine has entered the vault?	Yes	1
		No	2
		Cannot verify	3

22	Is the toilet smelling?	Yes	1
		No	2
		Cannot verify (air freshener used?)	3

23	Are there flies and insects in the toilet?	Yes	1
		No	2

Record daily

The following observations are subjective. To minimise the subjectiveness it is important that the observations are carried out by the same observer.

Check daily inside the toilet	9am	12am	16pm	19pm
Number of flies	none	none	few	few
Smell	none	little	bad	bad
Temperature	ok	hot	hot	ok

Example of monitoring schedule

Number of flies: None (no fly is observed inside the toilet)
 Few (less than 5 flies are observed inside the toilet)
 Many (more than 5 flies are observed inside the toilet)

Smell: None (no bad odour is observed inside the toilet)
 Little (a vague odour is observed inside the toilet)
 Bad (a strong stench is observed inside the toilet)

Temperature: Ok (the temperature inside the toilet is comfortable)
 Hot (the temperature inside the toilet is warm/hot)
 Cold (the temperature inside the toilet is cold)

RECORD after EACH toilet-visit:

No.	Question	Answer	Code
24	Time of toilet visit	Record time hh:mm	
25	Gender of the visitor	Female	1
		Male	2
26	Child	Yes	1
		No	2
27	Does the user wash his/her hands after visiting the toilet?	Yes	1
		No	2
28	Does he/she use soap when washing hands?	Yes	1
		No	2
29	Is the toilet properly used (no splashing of urine, dirty toilet, waste in the urine-hole etc)	Yes	1
		No	2
30	If no, choose the reason why not used properly.	Floor left dirty	1
		Floor left wet	2
		Dumped waste in the toilet	3
		Urine hole blocked with solid waste, ash, wood shavings or faeces	4
		Other	5
		Not applicable	

31	What kind of material is used for anal cleansing?	Toilet tissue	1
		Newspaper	2
		Water	3
		Other	4
		None	5
		Don't know	6

32	If waste is dumped in the toilet, indicate what kind of waste.	Diapers	1
		Menstrual pad	2
		Plastic material	3
		Glass	4
		Newspaper	5
		Other	6

ASK after EACH toilet-visit (when needed):

33	Ask the user if it was a short or long call	Short	1
		Long	2
		Doesn't want to answer	3

34	Does the user live on the plot?	Yes	1
		No	2

Answer sheet 1

Name data collector:	Location:
----------------------	-----------

1: Questions to be asked when entering the plot for the first time

Question	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Answer															

2: General observations done by the data collector

Question	16	17	18	19	20	21	22	23
Answer								

3: To be recorded daily

Check daily inside the toilet	9am	12am	16pm	19pm
Number of flies				
Smell				
Temperature				

Number of flies: 1: None (no fly is observed inside the toilet)
 2: Few (less than 5 flies are observed inside the toilet)
 3: Many (more than 5 flies are observed inside the toilet)

Smell: 4: None (no bad odour is observed inside the toilet)
 5: Little (a vague odour is observed inside the toilet)
 6: Bad (a strong smell is observed inside the toilet)

Temperature: 7: Ok (the temperature inside the toilet is comfortable)
 8: Hot (the temperature inside the toilet is warm/hot)
 9: Cold (the temperature inside the toilet is cold)

Answer sheet 2

Name data collector:	Location:
----------------------	-----------

4: Record after EVERY toilet-visit:

Date																	
Time:																	
Gender of the visitor?																	
Child?																	
Does the user washes hands?																	
Does he/she uses soap?																	
Is the toilet properly used?																	
If no, why not used properly.																	
Material for anal cleansing?																	
Waste dumped in toilet?																	
Small/long call/no answer																	
Lives the user on the plot?																	