

Appendix 3: Back-check questionnaire

Water supply, sanitation and hygiene Back-check questionnaire

Oromia, Ethiopia

Back-checker's name:

Date:

Start Time:

Town:

End Time:

Enumeration map:

Household ID:

Introduction

Good morning/afternoon/evening. My name is and I am carrying out research on behalf of COWI, an independent Danish company. Can I please speak to..... (name from Household Survey questionnaire). **IF UNAVAILABLE ARRANGE A TIME TO CALL BACK.**

I understand that you were recently interviewed regarding your household's water supply and sanitation. Can I just ask you a few questions about this interview as part of our quality control check?

Q1. What date was this interview?

.....
999 Don't know/cannot remember

999

Q2. How long did the interview take?

.....
999 Don't know/cannot remember

999

Q3. What is the main source of drinking water for members of your household?

- | | | | |
|-----------------------------|--|---|----|
| 1 Piped water into dwelling | 9 Rainwater collection in closed containers | 1 | 9 |
| 2 Piped water to yard/plot | 10 Rainwater collection in open containers | 2 | 10 |
| 3 Public tap/standpipe | 11 Bottled water | 3 | 11 |
| 4 Tubewell/borehole | 12 Small-scale vendor | 4 | 12 |
| 5 Protected dug well | 13 Tanker-truck | 5 | 13 |
| 6 Unprotected dug well | 14 Surface water (river dam, lake, pond, stream, canal, irrigation channels) | 6 | 14 |
| 7 Protected spring | 15 Other (please write in) | 7 | 15 |
| 8 Unprotected spring | | 8 | |

Q4. What kind of toilet facilities does your household use?

- | | | | |
|---------------------------------|-------------------------------------|---|----|
| 1 Flush to piped sewer system | 7 Pit latrine without slab/open pit | 1 | 7 |
| 2 Flush to septic tank | 8 Bucket | 2 | 8 |
| 3 Flush/pour flush to pit | 9 Hanging toilet | 3 | 9 |
| 4 Flush/pour flush to elsewhere | 10 No facilities/bush/field | 4 | 10 |
| 5 Composting toilet | 11 Other (please write down.....) | 5 | 11 |
| 6 VIP/pit latrine with slab | | 6 | |

Q5. How many people do you live in your household on a permanent basis, including adults and children?

.....

Q6. Was the interview carried out in a professional manner?

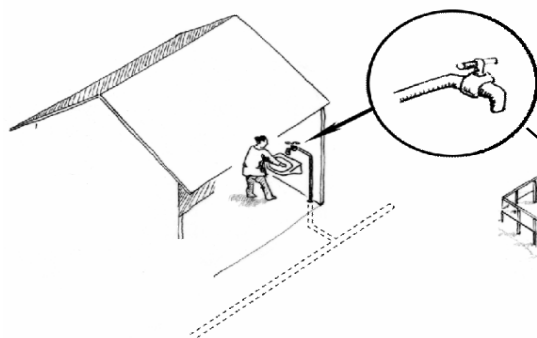
- | | | | |
|--------|-------|---|---|
| 1. Yes | 2. No | 1 | 2 |
|--------|-------|---|---|

THANK YOU FOR YOUR HELP IN THIS RESEARCH

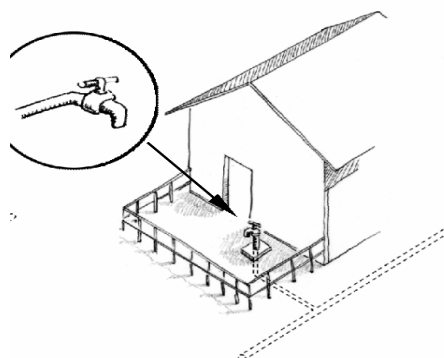
Appendix 4: Pictorials of water supply and sanitation technologies

What is the main source and alternative source of water supply for various activities in your household?

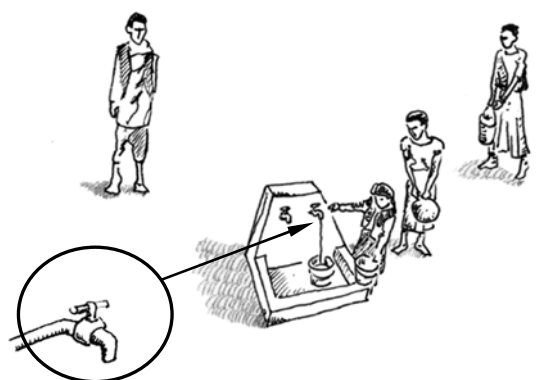
1. Piped water into dwelling



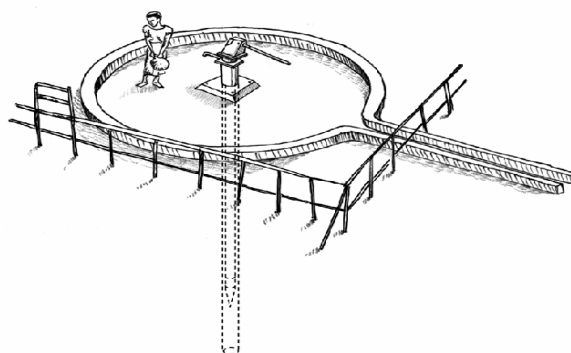
2. Piped water to yard/plot



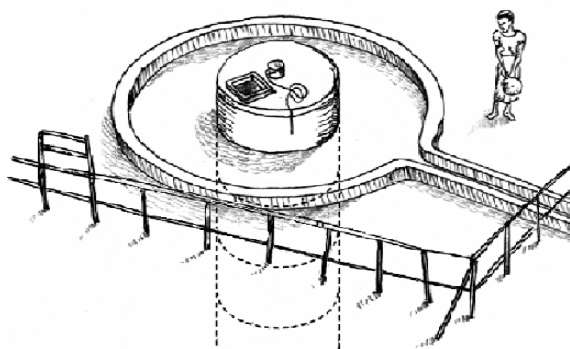
3. Public tap/standpipe



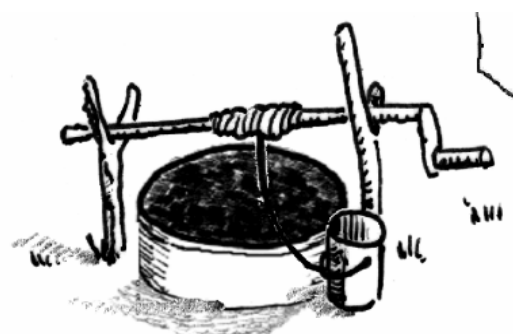
4. Tubewell/borehole



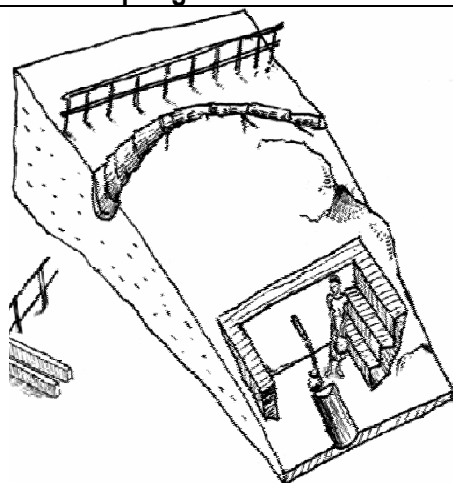
5. Protected dug well



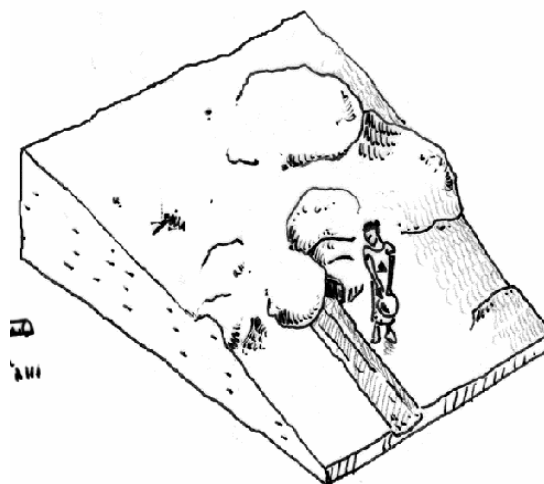
6. Unprotected dug well



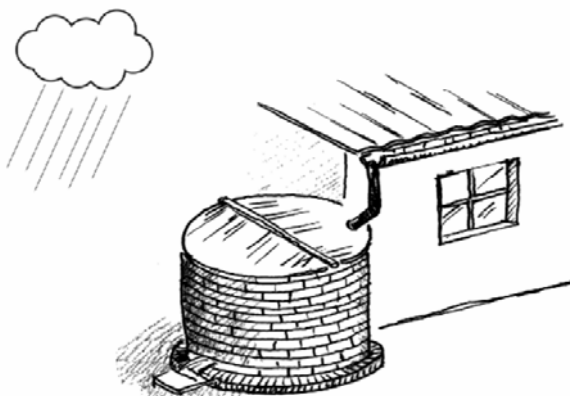
7. Protected spring



8. Unprotected spring



9. Rainwater collection in closed container



10. Rainwater collection in open container

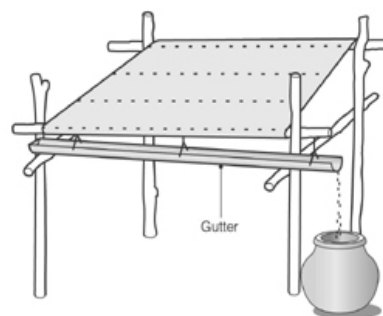


Figure 3.5. Stretched woven plastic sack catchment

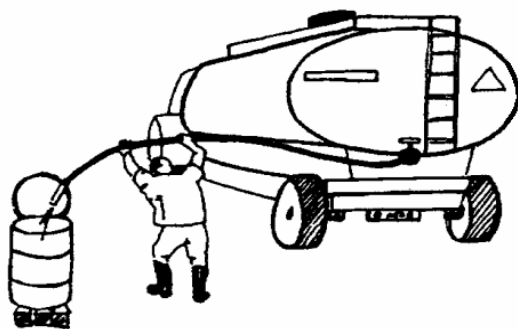
11. Bottled water



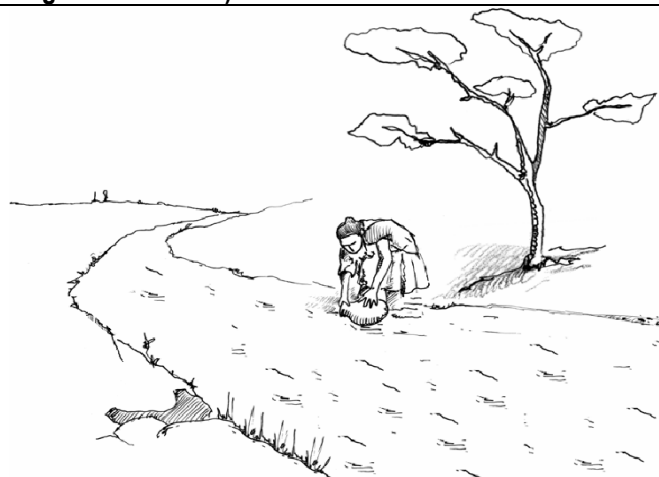
12. Small scale vendor



13. Tanker-truck

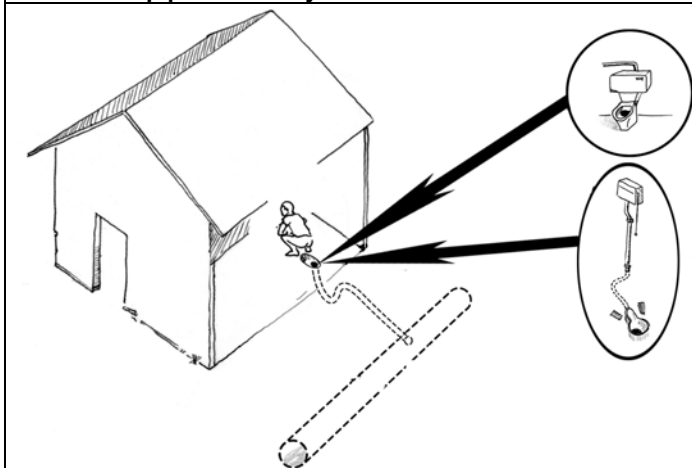


14. Surface water (river, dam, lake, pond, stream, canal, irrigation channels)

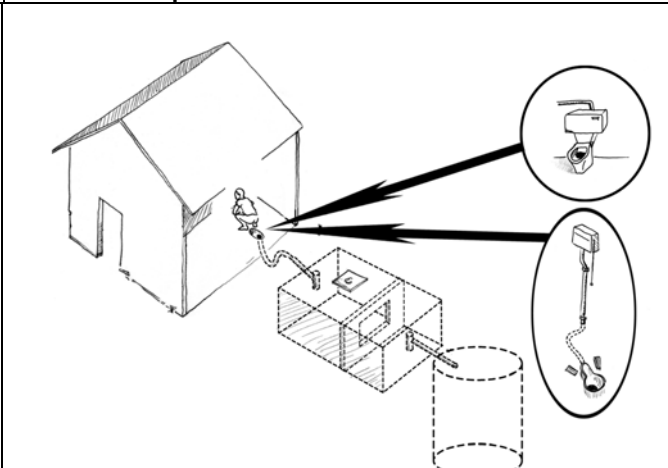


What is the toilet practice of your household/what kind of toilet facilities does your household use?

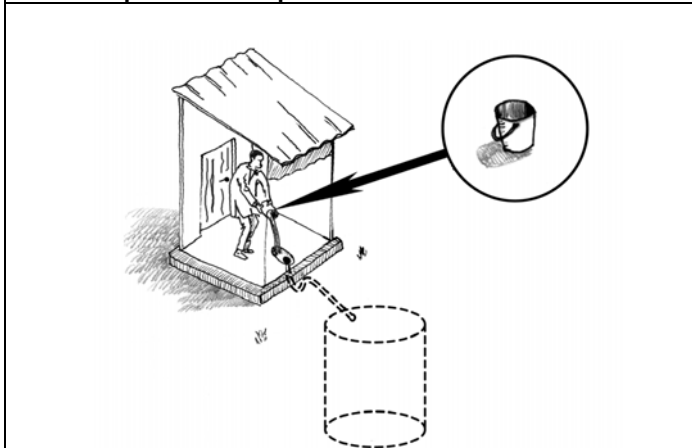
1. Flush to piped sewer system



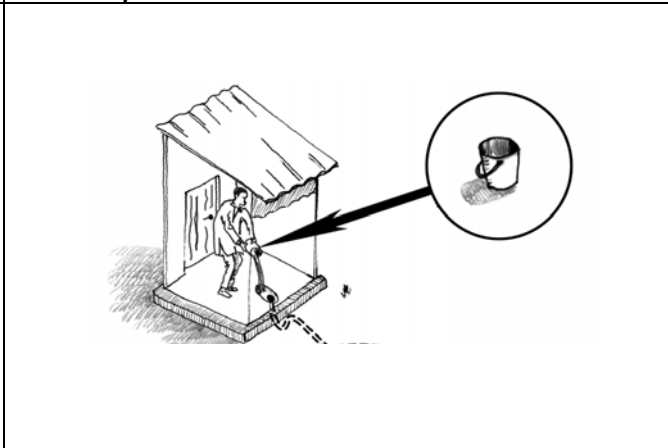
2. Flush to septic tank



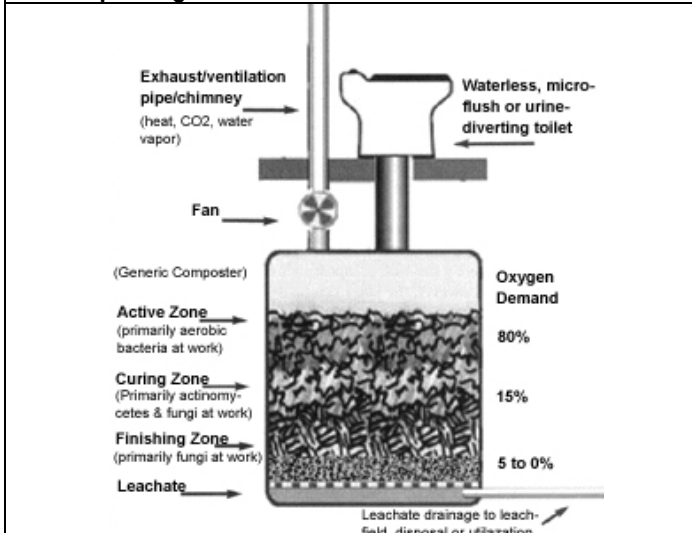
3. Flush/pour flush to pit



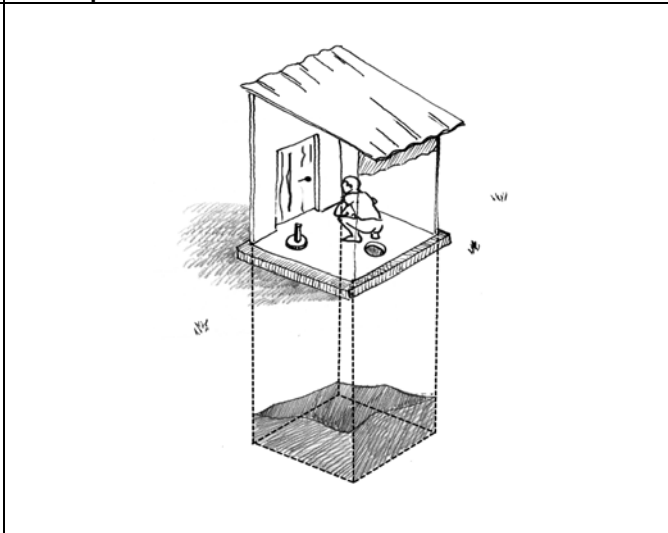
4. Flush//pour flush to elsewhere



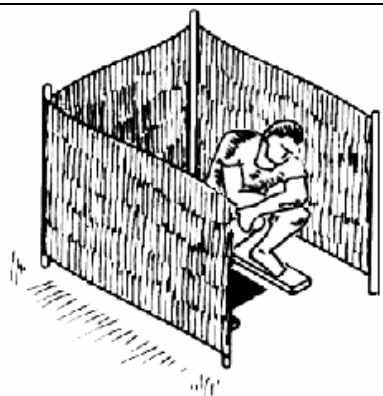
5. Composting toilet



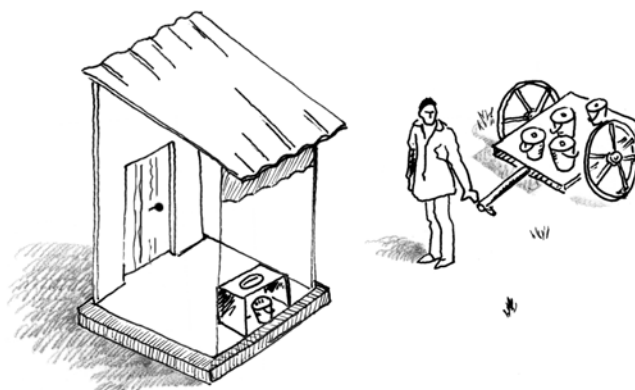
6. VIP/pit latrine with slab



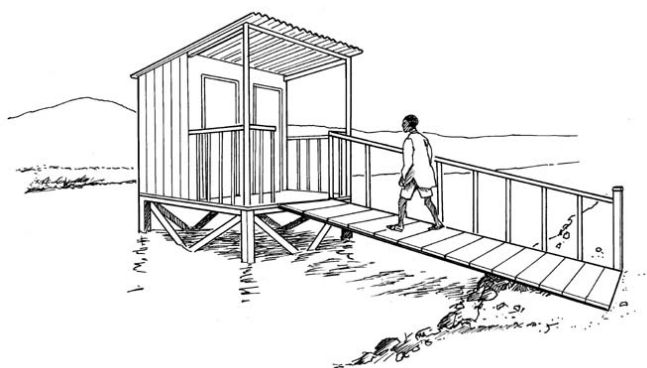
7. Pit latrine without slab/open pit



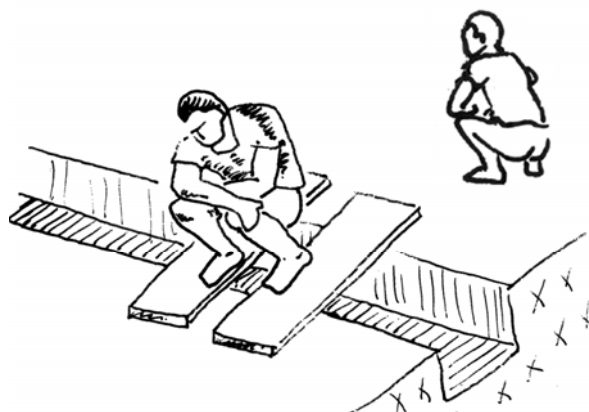
8. Bucket/bucket latrine (where fresh excreta are manually removed)



9. Hanging Toilet



10. No facilities/bush/field etc.



Appendix 5: Interview guide for meetings with local authorities

Appendix 5: Questions for meetings with local authorities

Questions - Municipal or Water Office

Instructions to Team Leader

When entering a new town/area, first visit the municipal or water office to introduce yourself and the survey team. Show the introduction letter from the national authorities to the officials you meet.

1. Town/area: _____
2. Date and time of visit: _____
3. Name of officer(s) met: _____

Water supply

4. What type(s) of water supply is there in the town?
5. If there is a piped supply, about what percent of the town area is covered?
6. Are there public taps?
 - a. If yes, how many?
 - b. How many hours per day are public taps open?
7. At present, does the piped system provide water to consumers 24 hours a day?
 - a. If no, how many hours per day?
8. Have any improvements in the water supply been made recently?
 - a. If yes, what improvements?
 - b. Who paid for these improvements?

Sanitation

9. What type of sanitation facilities are there in the town?
10. Are there public toilets in the town?
 - a. If yes, how many?
 - b. Where are they located? (Mark on map, if available.)
11. Is there piped sewerage anywhere in the town?
 - a. If yes, what area(s)? (Mark on map, if available.)
 - b.

12. Have any improvements been made in the town's sanitation situation lately? Yes No

- a. If yes, what improvements?
- b. Who paid for these improvements?

Drainage

13. Is there a piped or open channel drainage system in the town?

- a. If yes, what area(s) are covered? (Mark on map, if available.)

Ethnic minority groups and poor areas

14. Do any ethnic minority groups live permanently in the town?

- a. If yes, what groups?
- b. What language(s) do they speak?

15. Do any ethnic minority groups live in separate neighbourhoods?

- a. If yes, where are these neighbourhoods? (Mark on map, if available)

16. Are there slum/poor areas in the town?

- a. If yes, where are these areas located? (Mark on map, if available)

Thank the official for their cooperation.