**Asia Pro Eco Project**
ITN-BUET, Bangladesh

*Case Study on a Water Supply and Sanitation implementation Project*

# QUESTIONNAIRE

Questionnaire number: [ ][ ][ ]

Date: [ ]

**Name of the working location:** [ ] **A**

## 1. Socio-economic Profile of the Respondent

Q1.1 Name of the respondent: _____

Q1.2 Age: _____

Q1.3 Gender: Male [ ] Female [ ]

Q1.4 Education Qualification: [ ]

| | | | |
|---|---|---|---|
| Class I-V = 1 | No Formal Education = 2 | Illiterate = 3 | Other = 4 |

Q1.5 Profession: [ ]

| | | | | | |
|---|---|---|---|---|---|
| Hawker | 1 | Laborer (Transportation) | 6 | Student | 11 |
| Laborer (Hotel) | 2 | Servant | 7 | Unemployed | 12 |
| Laborer (Industry) | 3 | Small Business | 8 | Retired/Aged | 13 |
| Laborer (Construction) | 4 | Service | 9 | House wife | 14 |
| Rickshaw/Van/Cart puller | 5 | Handicraft/Small Cottage | 10 | Other | 15 |

Q1.6 Family Members:

| | |
|---|---|
| Male | |
| Female | |
| Children | |
| Total | |

Q1.7 Head of the Household (HH): Male [ ] Female [ ]

Q1.8 Profession of the Head of the HH: [ ]
(If other than respondent)
[Use the same code no. from Q1.5]

Q1.9 How long you are living in the present slum?

Specify: Year [ ] Month [ ]

Q1.10 House ownership: [ ]

| | | | |
|---|---|---|---|
| Owner = 1 | Tenant = 2 | Sub-Tenant = 3 | Other = 4 |

Q1.11 Total Earning Members: [ ]

Q1.12 Total Monthly Family Expenditure: Tk. [ ]

Q1.13 Monthly saving: Tk. [ ]

**2. Information about the Water Supply System**

Q2.1 What is the main source of collecting water for daily use? [ ]

| | | | |
|---|---|---|---|
| WASA Water Line (Legal Connection) | 1 | Illegal Connection from WASA | 2 |
| Ground Water | 3 | Other, specify | 4 |

Q2.2 How do you collect water? [ ]

| | | | |
|---|---|---|---|
| From Household Connection | 1 | From Community Water Point | 2 |
| Other, specify | 3 | | |

Q2.3 How many Households collect water from one water point, (ask the question that are collecting water from the Community Water Point)?

| | |
|---|---|
| Number of Household | |

Q2.4 How many times do you get water per day?

| | |
|---|---|
| | times/per day |

Q2.5 Do you have meter connection for the water line?

Yes [ ] No [ ]

(If “Yes”, go to the next question and if “No”, go to Q2.7)

Q2.6 Who takes the meter reading?

| | | | |
|---|---|---|---|
| Water Point Committee (WPC) member | 1 | WASA Official | 2 |
| DSK | 3 | Other, specify | 4 |

Q2.7 Who collect the monthly payment for water used? [ ]

| | | | | | |
|---|---|---|---|---|---|
| Water Point Committee member | 1 | DSK | 2 | WASA Official | 3 |

Q2.8 How long you are using the present option?

Specify: Year [ ] Month [ ]

Q2.9 Who selected the specific type of water option? [ ]

| | | | |
|---|---|---|---|
| People of the Community | 1 | Government organizations | 2 |
| DSK | 3 | Other, specify | 4 |

Q2.10 Who provided initial support to install water point at your community? [ ]

| | | | |
|---|---|---|---|
| People of the Community | 1 | Government organizations | 2 |
| DSK | 3 | Other, specify | 4 |

Q2.11 Who selected the site for the installation of hardware (Water point)? [ ]

| | | | |
|---|---|---|---|
| People of the Community | 1 | Government organizations | 2 |
| DSK | 3 | Other, specify | 4 |

Q2.12 Who is responsible for maintaining cleanliness of the water point? [ ]

| | | | | | |
|---|---|---|---|---|---|
| User Households | 1 | Caretaker | 2 | Other, specify | 3 |

Q2.13 How often the Water Point Committee meet? [ ]

| | | | |
|---|---|---|---|
| Once in a month | 1 | Once in two months | 2 |
| Irregularly | 3 | Other, specify | 4 |

Q2.14 Are you satisfied with the present community water point option; please mention the level of your satisfaction.

| | |
|---|---|
| Fully Satisfied | 1 |
| Somewhat Satisfied | 2 |
| Neither Satisfied nor dissatisfied | 3 |
| Somewhat Dissatisfied | 4 |
| Fully Dissatisfied | 5 |

Q2.15 Please mention your satisfaction levels on the following issues.

| | |
|---|---|
| Water Quality | |
| Water Quantity | |
| Service | |
| Management | |

(Use same code no. from Q2.14)

Q2.16 Is the quality of water tested by any organizations?

Yes ☐ No ☐

(If “Yes”, go to the next question and if “No”, go to Q2.19)

Q2.17 Please mention the name of the organizations:

1. _____
2. _____

Q2.18 Do they test the quality of Water on a regular basis?

Yes ☐ No ☐

Q2.19 Do you think that the existing water system has provided positive impact on your daily life/lifestyle?

Yes ☐ No ☐

(If “Yes”, go to the next question and if “No”, go to Q2.18)

Q2.20 How you have benefited from the system?

_____

_____

Q2.21 Do you think that there are scopes to improve the existing water point system?

Yes ☐ No ☐

(If “Yes”, go to the next question and if “No”, go to Q3.1)

Q2.22 How the system can be improved?

_____

_____

## 3. Information about the Sanitation system

Q3.1 Where do you defecate? ☐

| | | | |
|---|---|---|---|
| Cluster Latrine | 1 | Own Sanitary Latrine (Pit Latrine) | 2 |
| Own Sanitary Latrine (Twine Pit Latrine) | 3 | Own Unhygienic Latrine | 4 |
| Common Unhygienic Latrine | 5 | Open Place (inside slum) | 6 |
| Open Place (outside slum) | 7 | Other, specify | 8 |

(If answer “1, 2 & 3”, ask the next question, other wise go to Q3.3?)

Q3.2 Is the latrine has water connection?

Yes ☐ No ☐

Q3.3 Where do you dispose feces of children under five years of age? ☐

| | | | | | |
|---|---|---|---|---|---|
| Latrine | 1 | Other fixed place | 2 | No fixed place | 3 |

Q3.4 How many Households use the Cluster latrine?

| | |
|---|---|
| Number of Household | |

Q3.5 How long you are using the present latrine option?

Specify: Year [ ] Month [ ]

Q3.6 Who selected the specific type of latrine option? [ ]

| | | | |
|---|---|---|---|
| People of the Community | 1 | Government organizations | 2 |
| DSK | 3 | Other, specify | 4 |

Q3.7 Who provided initial support to install the latrine at your community? [ ]

| | | | |
|---|---|---|---|
| People of the Community | 1 | Government organizations | 2 |
| DSK | 3 | Other, specify | 4 |

Q3.8 Who selected the site for the installation of Cluster/Own Latrine? [ ]

| | | | |
|---|---|---|---|
| People of the Community | 1 | Government organizations | 2 |
| DSK | 3 | Other, specify | 4 |

Q3.9 Who is responsible for maintaining cleanliness of the latrine? [ ]

| | | | | | |
|---|---|---|---|---|---|
| User Households | 1 | Caretaker | 2 | Other, specify | 3 |

Q3.10 What is the frequency of emptying the pit? [ ]

| | | | | | |
|---|---|---|---|---|---|
| Once in six months | 1 | Once in a year | 2 | Other, specify | 3 |

Q3.11 What is the process to empting the pit? [ ]

| | | | | | |
|---|---|---|---|---|---|
| Manually | 1 | Using Vacuum Cleaner Machine | 2 | Other, specify | 3 |

Q3.12 How often the Sanitary Latrine Committee meet? [ ]

| | | | |
|---|---|---|---|
| Once in a month | 1 | Once in two months | 2 |
| Irregularly | 3 | Other, specify | 4 |

Q3.13 Are you satisfied with the present latrine option; please mention the level of your satisfaction.

| | |
|---|---|
| Fully Satisfied | 1 |
| Somewhat Satisfied | 2 |
| Neither Satisfied nor dissatisfied | 3 |
| Somewhat Dissatisfied | 4 |

| | |
|---|---|
| Fully Dissatisfied | 5 |

## 4. Community's contribution and financial aspects

Q4.1 How much money do you pay each month for water used?

| | | |
|---|---|---|
| Tk. | | per month |

Q4.2 What is the basis of your payment?

Fix rate ☐ based on DWASA Bill ☐

(If "Fix rate", go to the next question; otherwise go to Q4.4)

Q4.3 Who fixed the monthly payment? ☐

| | | | | | |
|---|---|---|---|---|---|
| Yourself | 1 | Water Point Committee | 2 | Other, specify | 3 |

Q4.4 Do you receive any monthly bill for water used?

Yes ☐ No ☐

(If "Yes", go to the next question and if "No", go to Q4.6)

Q4.5 What is the form of receiving monthly water bill? ☐

| | | | | | |
|---|---|---|---|---|---|
| Prepared by Water Point Committee | 1 | Direct bill from DWASA | 2 | Other, specify | 3 |

Q4.6 Did you have any contribution to install the water point?

Yes ☐ No ☐

(If "Yes", go to the next question and if "No", go to Q4.14)

Q4.7 What kind of contribution you made to install the water point? ☐

| | | | | | |
|---|---|---|---|---|---|
| Monetary | 1 | Non Monetary (Labor, land, food grain, time) | 2 | Both (Money and labor, land, food grain, time) | 3 |

(If answer "1 or 3", ask the following question, otherwise go to Q5.1)

Q4.8 How much money did you contribute at the installation phase for building the water point?

| | |
|---|---|
| Amount in Tk. | |

Q4.9 Are you repaying the installation cost for the water point through monthly installment?

| Yes | | No | |
|---|---|---|---|

(If “Yes”, go to the next question and if “No”, go to Q3.14)

Q4.10 How much money do you pay as monthly installment?

| Tk. | | per month |
|---|---|---|

Q4.11 Do you repay the monthly installation cost regularly?

| Yes | | No | |
|---|---|---|---|

Q4.12 How many installments have been considered to repay the installation cost?

| No. of Installment | |
|---|---|

Q4.13 Do you have access to see all the documents of WPC including finance?

| Yes | | No | |
|---|---|---|---|

Q4.14 Do you pay any money on a monthly basis to use the latrine?

| Yes | | No | |
|---|---|---|---|

(If “Yes”, go to the next question and if “No”, go to Q4.16)

Q4.15 How much money do you pay each month for using the latrine?

| Tk. | | per month |
|---|---|---|

Q4.16 Did you have any contribution to install the latrine at the installation face?

| Yes | | No | |
|---|---|---|---|

(If “Yes”, go to the next question and if “No”, go to Q5.1)

Q4.17 What kind of contribution you made to install the latrine? [ ]

| Monetary | 1 | Non Monetary (Labor, land, food grain, time) | 2 | Both (Money and labor, land, food grain, time) | 3 |
|---|---|---|---|---|---|

(If answer “1 or 3”, ask the following question, otherwise go to Q5.1)

Q4.18 How much money did you contribute at the installation phase for building the latrine?

| Amount in Tk. | |
|---|---|

Q4.19 Are you repaying the installation cost for the latrine through monthly installment?

Yes ☐ No ☐

(If “Yes”, go to the next question and if “No”, go to Q5.1)

Q4.20 How much money do you pay as monthly installment for the latrine?

| Amount in Tk. | |
|---|---|

Q4.21 Do you repay the monthly installation cost regularly for the latrine?

Yes ☐ No ☐

Q4.22 How many installments have been considered to repay the installation cost for the latrine?

| No. of Installment | |
|---|---|

Q4.23 Do you have access to see all the documents of sanitary latrine committee including finance?

Yes ☐ No ☐

**5. Involvement of the Stakeholders**

Q5.1 Have you got any cooperation from NGO/GoB?

Yes ☐ No ☐

(If “Yes”, go to the next question and if “No”, go to Q6.1)

Q5.2 Please mention the names of those organizations.

1. _____
2. _____
3. _____

Q5.3 What kind of cooperation you have got from them?

1. _____
2. _____
3. _____

**6. Hygiene awareness and practices**

Q6.1 Do you wash your hands regularly before taking meals?

Yes ☐ No ☐ Sometimes ☐

Q6.2 Do you wash your hands before feeding your children?

Yes ☐ No ☐ Sometimes ☐

Q6.3 Did you wash your hands before introducing the current intervention?

Yes ☐ No ☐

Q6.4 Do you use sandal/shoe in the latrine?

Yes ☐ No ☐ Sometimes ☐

Q6.5 Do you wash your hands after defecate?

Yes ☐ No ☐ Sometimes ☐

(If “Yes”, go to the next question and if “No”, go to Q6.7)

Q6.6 What do you use after defecate? ☐

| | | | | | |
|---|---|---|---|---|---|
| Only Water | 1 | Soap | 2 | Ash | 3 |
| Soil | 4 | Other, specify | 5 | | |

Q6.7 Do you wash your hands after anal cleansing of your children?

Yes ☐ No ☐ Sometimes ☐

(If “Yes”, go to the next question and if “No”, go to Q6.9)

Q6.8 What do you use after anal cleansing of your children? ☐

| | | | | | |
|---|---|---|---|---|---|
| Only Water | 1 | Soap | 2 | Ash | 3 |
| Soil | 2 | Other, specify | 5 | | |

Q6.9 Did any member of your family suffer from any diseases during last three months?

Yes ☐ No ☐

(If “Yes”, go to the next question and if “No”, go to Q6.11)

Q6.10 Mention names of the major diseases and reasons:

| Use Diseases code | Use Reason code |
|---|---|
| | |
| | |
| | |

Disease code:

| | | | | | |
|---|---|---|---|---|---|
| Diarrhea | 1 | Typhoid | 2 | Dysentery | 3 |
| Jaundice | 2 | Skin diseases | 5 | Other, specify | 6 |

Reason code:

| | | | | | |
|---|---|---|---|---|---|
| Water during collection | 1 | Water during preservation | 2 | Water during consumption | 3 |
| Human feces | 4 | Animal feces | 5 | Contact with filth | 6 |
| Other, specify | 7 | | | | |

Q6.11 Do you think there are relations between water and cleanliness?

Yes ☐ No ☐

(If “Yes”, go to the next question and if “No”, go to Q6.11)

Q6.12 How you will be benefited if you keep yourself clean?

_____

_____

**Thank you for you cooperation**