Islamic Republic of Pakistan Government of Balochistan Local Government and Rural Development Department Water Supply and Sanitation Cell

Government of the Netherlands Ministry of Foreign Affairs Directorate General for International Cooperation

BALOCHISTAN RURAL WATER SUPPLY AND SANITATION PROJECT (BRUWAS)



Short Mission Report June-August 1993 Volume 2: Field Manual for Water Supply, Sanitation and Hygiene Education Activities

# **IWACO**

Consultants for Water & Environment

Head Office: P.O. Box 8520 3009 AM Rotterdam The Netherlands Project Office: 11-A Chaman Housing P.O. Box 119 Quetta - Pakistan

In cooperation with:

- UNICEF
  - Quetta Pakistan
- Agri-Bi-Con International (PvT) Ltd Islamabad - Pakistan

Rotterdam,

September 1993

822 - PK BA93-16561

<b>TABLE</b>	OF	CONTENTS:
--------------	----	-----------

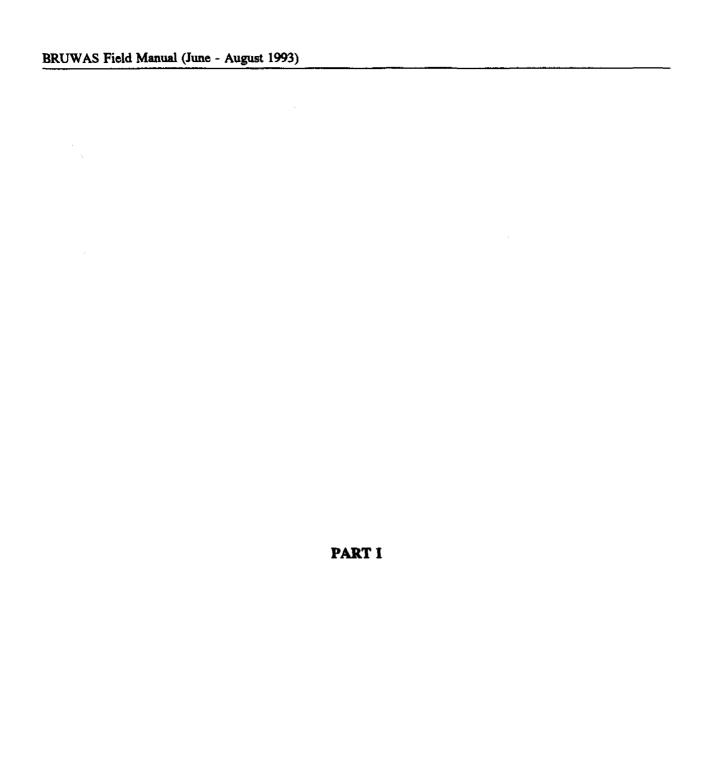
# PART I

1.	INTRODU 1.1 Gene 1.2 Set-		1 1 2
	PART II		
	PREPARA	TIONS: LOCAL AUTHORITIES MEETINGS	
	VISIT 0:	VILLAGE SELECTION	11
	VISIT 1:	INFORMATION AND MOBILIZATION	30
	VISIT 2:	COMMITMENT AND PACKAGE DEVELOPMENT	48
	VISIT 3:	CONTRACTING	54
	VISIT 4:	CONSTRUCTING	56
	VISIT 5:	INSTALLATION	57
	VISIT 6:	MONITORING AND FOLLOW-UP	58

LIBRARY IRC PO Box 93190, 2509 AD THE HAGUE Tel.: +31 70 30 689 80 Fax: +31 70 35 899 64

Fax: +31 70 35 899 64
BARCODE: 6 56

827 Ph BA 93



#### 1. INTRODUCTION

#### 1.1 GENERAL

This manual has been prepared during a mission taking place between June 28th and August 10th for the Balochistan Rural Water Supply and Sanitation Project. The mission has produced three Volumes of which this is Volume 2 (see table 1 below for more details on mission volumes). Volume 2 presents a detailed guideline for field activities for the Balochistan Rural Water Supply and Sanitation project (BRUWAS).

Table 1: Mission volumes

Volume number	Contents		
Volume 1	General Report  • mission objectives, summary of mission results and activities		
Volume 2	Field Handbook  • detailed description of Water Supply & Sanitation Extension  Programme and Hygiene Education field activities		
Volume 3	Training Manual  • training modules and materials executed during period under review		

Both Volume 2 and Volume 3 are volumes which are steadily 'growing'. During the coming 3 months these two field books have to be further detailed and adapted by BRUWAS staff according to the methodology used during the Consultants mission. The lay-out of this Field Manual allows to insert new handouts and provides staff the possibility to constantly adapt their field book to field experiences and policy changes.

Users of this manual should be careful not to apply the field guidelines too strictly. The handouts in this manual are by no means meant as a blue-print for field work. On the contrary, they should be adapted according to the local situation and demands.

However, as the BRUWAS team members stressed their need for detailed descriptions of field procedures, an attempt was made to make the handouts as detailed as possible.

It should be emphasized here, that this field handbook is a combined effort of both the Consultant and the BRUWAS team members<sup>1)</sup>: all BRUWAS team members participated in the development of the different hand-outs. Through this 'learning by doing' approach it is expected that the team will be more prepared and capable to continue this process of programme development.

Users of this manual will be BRUWAS team members who should adapt and complete this handbook in the coming months, adding their experiences, and insights to the handbook. After project completion, the W&S Cell and LGRDD staff at local levels will be the main users of this updated and completed manual.

<sup>&</sup>lt;sup>1)</sup> Special reference should be made to some of the key-staff members who contributions can be found in this field manual: Bert Huizinga, Ingrid IJssennagger, Shakeel Ahmed, Harold Lockwood, Tasleem Paracha and Shagusta Ara.

# 1.2 SET-UP OF THE MANUAL

This field manual contains the field implementation steps of the water supply and sanitation programme as well as the hygiene education programme. A total of 6 visits to each model village has been defined (Refer to Volume 1). Field level detailing has been completed up to the second visit. In the coming months BRUWAS team members themselves have to detail procedures for the remaining steps according to the methodology practised during the past 7 weeks.

A broad outline indicating the selection visit (visit 0) and each of the other six field level activities for water supply, sanitation and hygiene education is presented in the table below:

Table 2: Field activities for water supply, sanitation and hygiene education

	WATER SUPPLY /	SANITATION	HYGIENE I	EDUCATION
Visit	δδ.	ಕೆಕ <u>ೆ</u>	99	<b>ೆ</b> ರೆ
0.	Pre-selection:  "hello visit" → individual compounds briefly informed about BRUWAS	introduction of BRUWAS project brief sanitary survey brief introduction of project strategy in order to test village feasibility as model village	during "hello visit" rough observations on hygiene situation are collected	men are made aware of the need to involve women in hygiene education activities     men accept project approach for women's involvement
1.	After selection:	• preparation for:	discuss importance of 'safe	discuss importance of safe
	- community handpumps - location - community contributions - female participation & strengthening of action group  plan next visit	- location of handpumps - number of pumps - users (community) - female participation - strengthening of village organizations (profile/tasks, etc.) • feedback on women's session & plan next visit	source' inform 99 about dissemination strategy (using compound cards) selection of 99 representatives (profile & task & permanency, etc.) assessment of hygiene situation for "fetching water"	source inform & & about project strategy to involve ? ? per compound (permanent participation) men are informed about hygiene assessment sheets and (total) hygiene education programme
	- drawings (participatory development): handpump	- drawings (ditto): handpump	- drawings (participatory development): hygiene education	- drawings (participatory development): hygiene education
2.	discuss location & design of handpump with 9 ?. Check for discrepancies with men's session	• finalize commitment (involve also ??'s conclusions/options)users/location/female involvement, etc.	• feedback on last week's assignment: - safe source (knowledge) - assessment of hygiene situation of "safely fetching water" • get overview of hygiene situation (fetch water). Discuss current practices • discuss improvements for fetching water & assistance needed from ?? and BRUWAS • set targets / come to agreements with ?? • assessment of hygiene situation (safe storage / use of water) • plan next visit	• feedback on importance of 'safe source' • discuss tasks of hygiene educators (compounds) & support needed by women from men • discuss hygiene situation for 'fetching water'. Set targets & define support from men / BRUWAS project • plan next visit

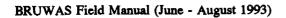
	WATER SUPPLY /	SANITATION	HYGIENE I	EDUCATION
Visit	<b>ç</b> ç	<b>ೆ</b> ರೆ	<b>6</b> 5	<b>ೆ</b> ರೆ
3.	women informed about forthcoming instruction activities options finalized (model building through 'katcha'or clay or drawings) discuss operation of handpump & daily / weekly maintenance	finalize design options / use models     assess construction options     finalize selection of well man. Inform about training programme	feedback on last week's     assignment "safe storage /     use of water", make quick     compilation of data     discuss main hygiene     mistakes. Discuss hygiene     improvements for "safe     storage / use of water"     set targets for now     improvements of hygiene     behaviour     plan next visit	• feedback on "storage / use of water" & support given by dd to 99 to be able to change behaviour • discuss hygiene situation for "storage/use of water" and, if possible, also for "usage of water" (set targets). Plan support from dd and BRUWAS project.
	- drawings of options (participatory developed)	- drawings of options (participatory developed)	·	
4.	99 informed about construction activities / well man, etc.	construction     construction training	brainstorming on why, what, how, etc. of latrines sessement of present sanitary situation plan next visit summery / wrap-up of hygiene education messages (safe source/safety fetching/safe storage & safe use) safe storage & safe use) sasessment of behavioural changes (participatory) development of drawings: latrine design hygiene behaviours regarding sanitation	brainstorming on why, what, how, when etc. of latrines. Discuss support/set targets plan next visit summary / wrap-up of hygiene education water messages (safe source / safety fetching/safe storage / safe use) sassessment of behavioural changes
5.		installations     VPC training	discuss use of latrine / support children discuss maintenance of latrine make action plan & support P? (brush making??) plan next visit	discuss use of latrine     discuss maintenance of latrine & support given by men of village and by BRUWAS to achieve maintenance objectives     plan next visit
6.	monitor operation &     maintenance of handpump     monitor number of users &     satisfaction of source	<ul> <li>monitor satisfaction with handpump / number of users training &amp; performance of well man (village contributions)</li> </ul>	wrap-up session     monitor / assessment of changed situation     set new targets	wrap-up acssion     monitor / assessment of changed situation     set new targets

In this field manual BRUWAS' approach for community based hand-pumps, latrines and hygiene education is described. A detailed description is given of the procedures, activities and the materials needed for each step or community visit. For each step 5 sections are provided:

Table 3: Set-up of the field manual

SECTIONS	INFORMATION GIVEN
Information sheet	General information on objectives, target groups, messages, communication methods and organizational issues of the activity
Activity section	Short description of all the different activities and procedures the actor has to do
Hand-out	Detailed description of some important or difficult activities
Extension Aids	Examples of possible aids to be used in the field
Monitoring and Evaluation	Monitoring and evaluation sheets

Users can pick out the section which suits them best: project members who are already quite familiar with what they have to do in the field will be satisfied with the <u>Information sheet</u>. The <u>Activity section</u> will be useful as a reminder: what do you have to do and what has proven to be the best logical order of activities. Some activities are marked with an asterix (\*): this indicates, that you can find a more detailed explanation of this activity in the handout. The <u>Hand-out section</u> will be a great help for those who go for the first time into the field or those who feel themselves rather insecure: sometimes complete texts are given or tips to help a project member out of a peculiar situation. The fourth section presents the fieldworker with examples of drawings or other <u>materials</u> which he or she may use in the field. In the <u>Monitoring section</u> sheets for monitoring of field activities for each step can be found.



PART II

BRUWAS	PREPARATIONS	INFORMATION SHEET
	DDED 4 D 4 TIONS	
	PREPARATIONS	

#### LOCAL AUTHORITIES MEETING

INFORMATION SHEET

#### STARTING UP: PREPARATIONS

# **Objectives:**

- local authorities know the project objectives and approach, including community involvement;
- local authorities provide information on geographical, demographic, economical and socio-political issues, including number of Union Councils, number of villages and approximate number of inhabitants;

# Target groups

• local authorities: Union Council Secretaries and Chairmen, Development Officers, etc.

# Method

- discussion
- demonstration of administrative materials

# Means and materials

- Union Council mapping sheets
- Union Council village and ward lists
- handout for community participation
- handout for women involvement

# Organization / process

- inform District authorities on beforehand of your arrival;
- make reservations for accommodation (conference room) and transport if needed;
- arrange working materials, including Union Council maps;

# **BRUWAS** LOCAL AUTHORITIES MEETING **ACTIVITY SECTION** 1. Greetings and introduction of BRUWAS; 2. Recapitulation of preliminary discussions; 3. Explain community involvement concept, the concept of model villages and the existing plans to change the ADP regulations;\* 4. Explain the need to involve women; let participants come up with suggestions;\* 5. Explain inputs of Union Council Secretaries / Chairmen: time and efforts needed, 6. Present workplan for the next 2 months; 7. Set a date for the next meeting with UC Secretaries.

BRUWAS	LOCAL AUTHORITIES MEETING	HAND - OUT
<ul> <li>and District staff members</li> <li>the project philosoph</li> <li>the general concept of</li> </ul>	ey-messages are given which should be passed to ers. Subsequently information is given on the factorial state of community involvement; women in development activities;	o Union Council ollowing topics:

# LOCAL AUTHORITIES MEETING

HAND - OUT

# INTRODUCTION OF PROJECT PHILOSOPHY TO DISTRICT AND UNION COUNCIL STAFF

# **Introductory remarks:**

- LGRDD is the executing agency of the project;
- (in the future) decisions as to where to start the work are going to be taken by LGRDD
- DO's and Chairmen preferably participate in the discussion and the decision making about the project's approach in the Union Councils and the villages. It is not our intention to dictate what the project should look like, even though we certainly have a role as advisors. Our project resources are limited and this may have limiting consequences.

# Project key-features:

- the concept of model villages: BRUWAS will select one or two villages in one starter Union Council that are suitable as 'model villages'. This concept of model villages allows for:
  - high coverage:
  - model villages will function as demonstrations for the area;
  - the whole community will be involved.

The project wants to work towards high water supply coverages in the villages where BRUWAS is to work. In this context: direct supply of handpumps and the possibilities for villages to get community managed handpumps.

- There are existing plans to change the ADP regulations, such as: the discontinuation of the payment of Rs 7,000 or the installation of a handpumps. Under the new regulations community members will have to pay the installations costs themselves; an increase in the allocation for the installation of latrines. The new allocation will be around Rs.1000 per latrine.
- Principle of equity: an equal distribution of handpumps over the district (e.g. total of 180 handpumps are to be distributed over 18 Union Councils in Loralai District, meaning that each Union Council will get an allocation of 10 handpumps): village selection criteria have been defined by the project;

#### Follow-up

• Development Officers, Union Council Chairmen and Secretaries prepare UCinventory, indicating (wards), villages, geographical and topographical data, etc. A priority list of 10 villages that are considered suitable for the start of BRUWAS programme have to be prepared by them. The project will make the final selection.

MESSAGES FOR: THE CONCEPT OF COMMUNITY INVOLVEMENT

**COPY (PARTLY FROM INGRID)** 

#### LOCAL AUTHORITIES MEETING

HAND - OUT

# MESSAGES REGARDING: INVOLVEMENT OF WOMEN

- 1. Safe water + safe sanitation + hygiene education contribute to a healthy life; Hygiene education teaches you how to use the new facilities in a safe way;
- 2. Women and daughters play an important role in collecting water, cleaning the house, washing the clothes, taking care for the little children, etc. They are the prime users of the facilities;
- 3. This main group of users should use the facilities and should use them in a safe way;
- 4. Potential beneficiaries will only use the facility if it is according to their needs and preferences;
- 5. So: we need to consult the majority of both men and women in the village;
- 6. That's why we can only work in villages where men and women are convinced it is important to be consulted.
- 7. However, we face barriers in consulting every man and woman or even every compound: our resources are limited and cultural values prevail us from men entering the compounds.
- 8. The question is <u>how</u> we can consult everybody. We want you to think about a strategy how we can assist all the men and the women in the village, and not only a few people.
- 9. We propose: from every compound we need 2 active women who are able to communicate hygiene messages (like how to take better care for your children and your family). These women will have to meet on a time set by the community and in a 'neutral' place like a school building, a health outlet, or another place which allows women to observe purdah. Please think about such a place and a workable approach.
- 10. Of course your ladies will communicate to you what they have been learning. But we think it is also important that men are informed about these hygiene issues as well, so we propose that you are briefed as well.
- 11. In other words, we want to have a separate male and a female village organization. In each organization at least one participant of each compound is represented. We ask you to think about a list with the names of at least one male and -for the women- two female who will regularly attented these meetings and will be able to pass the messages and information to the other houses of their compound.

BRUW	'AS	LOCAL AUTHORITIES MEETING	MONITORING AND INFORMATION SHEET
		MONITORING AND EVALUATION	
Distr	ict:	•••••	
Num	ber of U	Union Councils represented:	
1a.	How n	nany UC inventories are received?	
1b.	Quality maps: inform	y of inventories:	
2a.	Projec	t philosophy explained:	
2b.	Projec	t philosophy understood:	
3a.	Comm	unity involvement explained:	
3b.	Wome	n involvement: suggestions received from UC mem	bers
(to b	e furthe	developed)	

BRUWAS	VILLAGE SELECTION	INFORMATION SHEET
	VISIT 0: VILLAGE SELECTION	

# VILLAGE SELECTION

INFORMATION SHEET

#### Objectives:

- To select 2 villages per Union Council as model village;
- To obtain general information about the target Union Council;
- To assess the possibility of women involvement in the project activities.

# Target group

Male community members of Union Council villages; (female community members)

# Method

- discussion and dialogue with male community members;
- sanitary survey and water quality test;
- village mapping;
- village inventory;
- observation and informal interviewing;
- acquaintance visit with women in compounds.

#### Means and materials

- Union Council map
- village inventory sheet
- · sanitary survey sheet and testing equipment
- hand-out and topic list for discussion with men
- visual aids materials

# Organization / process

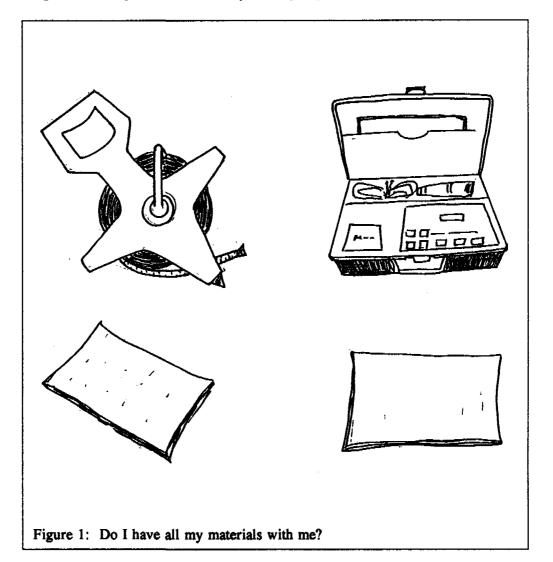
• inform the District authorities on before hand.

# BRUWAS VILLAGE SELECTION ACTIVITY SECTION

# **VILLAGE VISITS**

# **Preparations**

- 1. Select your teamleader;
- 2. Assign tasks to other team members;
- 3. Make sure every team member is clear about his tasks (who / what / why / where / when / how);
- 4. Check whether all materials are available and in proper condition;
- 5. Prepare mentally for the activities you are going to do.



IWACO B.V., Department of Overseas Operations

#### VILLAGE SELECTION

HAND - OUT

# Village meeting

- 1. Present yourself to the village elders;\*
- 2. Request for meeting with male representatives of every household;
- 3. Arrange seating arrangements;
- 4. Make an impression tour through the village; observations, map 1, village inventory form, water testing, etc.;
- 5. Exchange main observations with team members before starting the discussion;
- 6. Have discussion with the male community members;\*
- 7. Conclude the discussion and make agreements on the main subjects discussed;\*
- 8. Ask villagers to draw their own village map (map 2);
- 9. Discuss with your team members briefly, whether this village makes any change to be selected as model village;\*
- 10. Make clear or make appointments whether BRUWAS will come back (when / why / where / etc.).



Figure 2: What kind of village is this?

#### VILLAGE SELECTION

**HAND - OUT** 

This hand-out present information regarding:

- criteria for village selection;
- ethics and regulations while visiting a village;
- introduction to the villagers (maliks, etc.);
- discussion topics with male villagers: community managed water supply facilities, women's involvement, community contributions and project contributions, closing of session with villagers.

# CRITERIA FOR MODEL VILLAGE SELECTION

- 1. Accessability of the village;
- 2. Village size (500-1000 inhabitants);
- 3. Present water supply situation;
- 4. Applicability of communal or group pumps:
  - public wells that can be improved and used;
  - present depth of water table.
- 5. Community cooperation (men and women involvement;)
- 6. Possibility to cooperate through other projects;
- 7. Socio-political situation: community unity or factions;
- 8. No conflicts with ongoing projects or programmes;
- 9. Poverty criteria: are most needy communities included?

# VILLAGE SELECTION

HAND - OUT

#### VILLAGE ETHICS

# Before going to the village

- Dress up in local dress and wear easy shoes (Shalwar Qamiz is the common dress). The female staff members should preferably use the chador.
- Remember you take your note book and other things like teaching aids, handouts and village maps with you;
- Before entering in a village put off the music in your car. Loud music does not look very polite;

# Behaviour in the village

- Greet according to the local custom.
- Use the local language and simple words.
- Sit in the same place with the people: do not create too much distance. Keep eyecontact.
- Listen carefully to the villagers and have interest in their problems and sympathize wit them; give proper answers.
- Do not interrupt the villagers and/or your team members during discussion.
- Speak in a loud voice but do not shout.
- Don't look your watch frequently, because it may seem you are in a hurry;
- If, during discussion or teaching villagers or colleagues made a 'mistake' don't laugh, but try to correct them in a friendly way.
- Don't promise anything which is not in your hand. Do no raise any expectations which you or the project can not fulfil;
- Do not present yourself as being superior to the villagers; present yourself as a common man: this will invite villagers to tell you about their problems, to tell you the truth and treat you as a friend;

# VILLAGE SELECTION

HAND - OUT

# INTRODUCTION: FIRST ARRIVAL AT A VILLAGE

It is custom to first greet the local headman, mullah or other influential person. The following text may guide you through this activity:

- Greet the malik, mullah and other villagers;
- Inform the villagers about your presence;
- Introduce yourself and project briefly and the objectives of visiting the village.

# Text example:

We are working for rural areas and are trying to get information about the water situation, sanitary conditions and hygiene education by involving communities to solve their problems with the available resources. We want to talk with the people in your village to get to know about their problems and help them in solving those by utilizing the local available resources.

Would you be kind enough to arrange the meeting of the villagers in which at least one or two male members of each family can participate. This place should be large enough to enable all the villagers to sit properly and take part actively in the discussion.

#### VILLAGE SELECTION

HAND - OUT

# DISCUSSION MEETING WITH VILLAGE MEN

#### INTRODUCTION

# Introduce project

- Greet the villagers;
- Introduce yourselves;
- Request the villagers to introduce themselves briefly (depending on the size of the group). This will smoothen the discussion and relax the atmosphere.

# Text example:

You have seen that we are working for rural areas and we are trying to get information about the water situation, sanitary conditions and the possibilities to start a hygiene education by involving communities to solve their problems with the available resources. We want to talk with the people in your village to get to know about their problems and help them in solving those by utilizing the local available resources.

# Introduce objectives of visit

We are here to collect information about existing water resources. On the basis of this information the project can think to assist you in getting water supply and sanitary facilities. This will be achieved by involvement of the community.

# Analyze the village situation: needs assessment

Discuss with the villagers their priority needs. Bring in your observations (village inventory and sanitary survey).

#### Questions to be asked:

- What are the problems in your village (no school, water, health facility, road and electricity?
- Which problems are more serious than others?
- Which problem you want to solve first? Why?
- What did the villagers do to solve this problem?
- How is the sanitary situation in the village?
- What did villagers do to improve the situation?
- What were barriers to these solutions?
- Where you relieve yourself?
- What difficulties do you face (rain, sickness, purdah problems, insects)?
- BRUWAS can assist you in solving some of these problems.

### VILLAGE SELECTION

**HAND - OUT** 

# Discuss possible solutions

#### SOLUTIONS

What did the village do to solve these problems?

While working with the villagers on community development projects and discussing community contributions and participation, they may be reluctant to take part in the development by saying "we are poor, do not have a time, do not have resources". Ask the villagers:

- 1. What type of problems you are facing regarding water supply, sanitation and hygiene education?
- 2. Are these problems disturbing you?
- 3. What will you do if you want to construct the mosque?
- 4. If a poor sick person need medical help and does not have the resources how the villagers help him to get treatment.
- 5. If there is flood in your area how the people work to save their lives?

For all above questions the answers will be:

- 1. We are very much in a trouble specially our women and young children have to go very far to fetch a water.
- 2. Women are always complaining about weakness and pain
- 3. We contribute for the construction of mosque.
- 4. To save our lives from the flood we will work together.

#### **EXAMPLES**

# Self help:

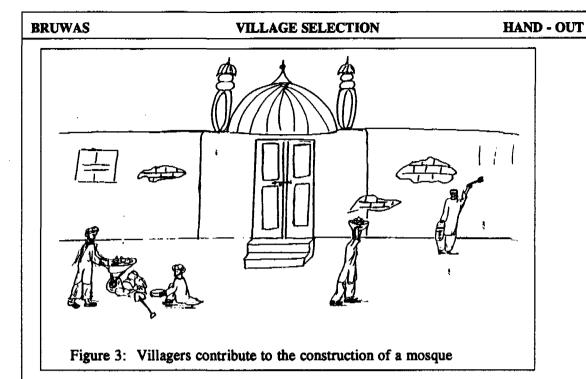
Chinese saying, it is better to give skill of fishing to the beggar instead of giving him fish to eat. So he will never be hungry again.

#### Joint action

The clap can not make noise with single hand, join your hand with us and then we can work best.

# Common decision-making:

If the people individually contribute a little will altogether become a lot.



# Discuss available resources

- manpower / labour
- time
- materials
- concept of community involvement

Often people will object against community contributions. The following proverbs may help you to support your statements:

- a clap can not give noise with a single hand;
- it is better to give some skill to the beggar instead of giving him something to eat, a chinese saying goes;
- if some person provide you wheat and it is your responsibility to make a bread;
- we cannot work without your participation or involvement. Apart from the fact that our resources are limited, it is of utmost importance that communities participate in the de

# Discuss involvement of women

(check the hand-out of the module "preparations":

- why
- whom
- what
- how
- where

#### VILLAGE SELECTION

HAND - OUT

#### **Ouestions to be asked:**

Who is responsible in your house for cleaning? Who takes care for the children? Who fetches water? Etc.

Because women play so many important roles in water and sanitation, we would like to consult them in the siting and designing of water supply and sanitation facilities. If this village will be selected for the W&S and Hygiene Education activities of BRUWAS there will be a need to select a group of villagers who will be responsible to get information and pass this information to other women in the compound. From every compound two women will have to be selected to be part of such a village group / organization.

# Conclusions and agreements of the discussion

After discussion with villagers take five minutes with your team members and discuss whether this village suitable for community participation or not (first impressions). If yes, say to them that:

# Text example:

We will come back on (date & time). Please discuss community participation matters among yourselves and other village members. Select area for the handpump, but don't start work until our staff member have come to an agreement with you. Have a nice time we will meet again Insha Allah. Khuda Hafise.

Wrap up the meeting. Follow the monitoring sheet to check whether all items have been discussed. Make arrangements for the next visit.

BRUWAS Field Manual (June - August 1993)

A. VILLAGE:	UNION COUNCIL:	DISTRICT:	Code
VILLAGE CHARACTERISTIC	QUE	STION	REMARK
B. Distance from district HQ	Q1. Distancekm  Q2. Driving time min.	Q3. Type of road (Mark with X):  1 metalled km  2 kacha	REMARK
C. Village size	Q4. Estimate of present population Q5. Estimated number of compounds Q6. Number of clusters		
D. Health facility	Q7. Is there a health facility? (Mark w  0 no health facility 1 basic health unit 2 rural health centre 3 nother & child health cent  9 other WRITE IN	4 dispensary 5 private practitioner	
E. Schools	Q8. Are there schools? (Mark with X)  0 no schools 1 mosque school  9 other WRITE IN	2 boys primary school 3 girls primary school	
F. Drinking water	Q9. From where do people get their dri  Inside the village:  1 spring 2 stream/river 3 compound wells 4 communal well  9 other WRITE IN	Outside the village:  5 spring at km 6 stream at km 7 karez at km	

BRUWAS Field Manual (June - August 1993)

A. VILLAGE:	UNION COUNCIL:	DISTRICT:	Code	<u>l</u> .
VILLAGE CHARACTERISTIC	QUESTION		REMARK	
G. Handpumps	Q10. Have handpumps been installed in the past? (N  0 no handpumps have been installed  1 yes, there are handpumps	fark with X)		
H. Latrines	Q11. Have latrines been installed in the past? (Mark  0 no latrines have been installed  1 yes, there are latrines	c with X)		
I. Phed scheme	Q12. Is there a Phed scheme? (Mark with X)  0 no Phed scheme  1 yes, there is a Phed scheme but it does  2 yes, there is a functioning Phed scheme			
J. Technical applicability communal handpumps	Q13. Are there communal wells that can be improved the provided and the communal wells are communal well(s) but the provided are communal well(s) but the provided communal well was are communal well(s) but the provided communal wells are communal wells are communal wells are communal wells.  Q14. What is the average depth of the water table in the water from ground level.  Q15. How is the quality of the ground water in this communal wells.  Q16. What is the average depth of the water table in the water from ground level.  Q17. How is the quality of the ground water in this communal wells.	ney are not in use wells n this village?		
K. Services and artisans		es		MARIAN DECK CARDO

BRUWAS Field Manual (June - August 1993)

VILLAGE:	UNION COUNCIL:	DISTRICT:	Code
. Other projects	Q18. Are other projects working in this	village? (Mark with X)	
	0 no other projects 1 yes WRITE IN	AND THE RESIDENCE OF THE PARTY	
M. Community cooperation	Q19. Are there different groups in this	village? (Mark with X)	
	0 no 1 yes, but they participate ir 2 yes, they do <u>not</u> participat		
	Q20. Does this village already have exp	erience with community participation? (Mark with X)	
	0 no 1 yes WRITE IN		
	Q21. What is your estimate of possible	cooperation in bruwas for the men in this village? (Mark	with x)
	1 strong Q22.	The reasons for my estimate are:	
	2average		
	3weak		
	Q23. What is your estimate of possible	cooperation in BRUWAS for the <u>women</u> in this village? (	Mark with X)
	1 strong Q24.	The reasons for my estimate are:	
	2average		
	3 weak		
LAGE INVENTORY MADE B	Y	DATE	

VISIT	0: -	p.25
-------	------	------

# VILLAGE MAPPING

BRU	WAS VILL	AGE SELECT	TION EXTENSION AIDS
A	WELL SURVEY: WELL No/NAME SITE OBSERVATION DATE: _/_/_		VILLAGE: U.C.: DIST:
1.	Distance to nearest latrine	m	If < 50 m is latrine on higher ground than well? Y / N
2.	Distance to other sources of pollution (animal excreta, rubbish sites etc)	m	If < 50 m describe:
3.	Is there existing fence or wall to restrict animals from well?	Y/N	If no is there evidence of animals around well-head? Describe:
4.	Distance to centre or compound of user group	m	
5.	Sub-soil type and condition at well-head?	,	Type: sandy/loam/clay Stability (describe):
6.	If well is un-lined describe condition		Stable / Un-stable Description:
7.	How old is the well?	yrs	
8.	Does the well ever run dry?	Y/N	If yes how often? Every 1 / 2 / 5 / 10 years? Other:
9.	Is there always enough water for all users	s? Y/N	If no how much is available (litres/person/day)?  Wet season l/p/d  Dry season l/p/d
10.	Are the users happy with the water from well?	the Y/N	If no what is the main complaint? Describe:

BRU	WAS VILLAG	E SELECT	ION	EXTENSION AIDS
В	WELL SURVEY: WELL No/NAME: TESTING DATE: _/_/_		VILLAGE: DIST:	
1.	Inside diameter of well?	m		
2.	Total well depth?	m -GL		
3.	Water level?	m -GL		
4.	If the well is lined how far is this?	m -GL	Lining type: Condition:	
5.	Water temperature	°C		
6.	pH value			
7.	Electrical conductivity	µS/cm		
8.	Total dissolved solids (TDS)	mg/l		
9.	Turbidity	T.U.		
10.	Free chlorine residual	mg/l		
11.	Total chlorine residual	mg/i		
12.	Taste of water?	:	sweet / salty	
			musty / metallic	
13.	Colour of water?		Describe:	

BRUWAS	VILLAGE SELECTION	EXTENSION AIDS
COMMUN	ITY INVOLVEMENT: COMMITMENT	INVENTORY
District:	Union Council: Village:	•••••
Date:		
posing the following presented by the vill	sed with the village men the main topics, rough concluding questions and fill in the informal lage men. Be aware, that you are not promisons: let the village men talk!	ntion and decisions as
Conclusions of the	discussion:	
	ns and needs in this village are according to	
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
Possible solutions to	solve water supply problems according to	the men are:
• • • • • • • • • • • • •		
	a project and the community will be:	
4 4		
• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
community:		
• • • • • • • • • • • • • • • • • • • •		
Possible solutions to	solve sanitary problems according to the r	men are:
• • • • • • • • • • • • • • • • • • • •		
Contributions from	a majore and the community will be.	
	a project and the community will be:	
community:		
• • • • • • • • • • • • •		
about their water su Men should be cons	community think it is important to consult the pply, sanitation and hygiene education needs sulted through (procedure):	
Women should be c	consulted through (procedure):	
	• • • • • • • • • • • • • • • • • • • •	

# VILLAGE SELECTION

MONITORING AND EVALUATION SHEET

# MONITORING AND EVALUATION

# Baseline data check

- 1. Is the target group interested in the programme? Is there a need and do people want:
  - improved water supply
  - improved sanitation facilities
  - improved hygiene status
- 2. Is the target group prepared and able to pay (part) of the costs?
- 3. Can target group contribute materials or labour?
- 4. Does the target group have time, energy (and consent) to participate actively in programme?
- 5. Preferred type of technology
- 6. Is there any need for hygiene education?

BRUWAS	INFORMATION & MOBILIZATION	INFORMATION SHEET
•	MICHT 1 INFORMATION AND MODILIZA	MION
	VISIT 1: INFORMATION AND MOBILIZA	ATION

#### INFORMATION & MOBILIZATION

INFORMATION SHEET

# Objectives:

#### men.

- 1. to show the village men the type of installations that BRUWAS can help them to install;
- 2. hygiene education: to explain to village men why it will be beneficial to themselves and their households to install handpumps and latrines;
- 3. to explain and clarify the procedures that the project wants to follow in its "model villages":
- 4. to ask villagers in preparation of the 2<sup>nd</sup> visit:
  - to discuss their willingness towards the project conditions (site, communal well, 2 females / compound, tools and mason available, labour and material contributions).

#### women:

- 1. to obtain feedback regarding the impact of the last visit to the village (including informal meeting with village women);
- 2. to inform women about the community contributions the village has to make to get water supply and sanitation facilities;
- 3. to show women the types of installations that BRUWAS can help them to install;
- 4. to assess the present behaviours of village women regarding "safe water";
- 5. to explain the women the hygiene education activities for the coming 5 weeks;
- 6. to make drawings to support the hygiene education programme.

#### Target group

Male and female community members of model villages

# Method

- discussion and dialogue with male community members;
- discussion and dialogue with female community members;
- participatory development of visual aids;
- community self survey: situational analysis of hygiene situation by women;
- observation and informal interviewing.

# Means and materials

- drawings of facility options (handpumps and latrines);
- hand-out for discussion and dialogue;
- drawing materials (paper / colours / pens / board)
- maps from the selected model villages;
- sanitary survey and water testing equipment;
- handouts on women involvement / community participation.

#### Organization / process

•

BRUWAS	INFORMATION & MOBILIZATION	ACTIVITY SECTION

#### **INFORMATION & MOBILIZATION**

**ACTIVITY SECTION** 

#### BRUWAS IMPLEMENTATION STEPS FOR MODEL VILLAGES

#### FIRST VILLAGE VISIT

- 1. After BRUWAS has selected a model village, the project will need to execute its implementation programme there. It is thought that 6 or 7 visits to a model village will be needed to get the handpumps installed. This handout explains how the 1st visit should be conducted.
- 2. The 1\* visit consists of 3 parts, as shown below:

#### 1. Discussion with men

This part of the visit is done by the whole team. You explain the BRUWAS procedures to the village men and prepare them for making a final agreement with the project during the 2<sup>nd</sup> visit.

It is important to end the discussion by giving the men an assignment for your 2<sup>nd</sup> visit!

1

#### 2. Discussion with women

This part of the visit is done by the ladies on the team. They introduce the programme to the village ladies and start-up the hygiene education programme in a separate meeting with the women. Here again it is important to make an agreement on what you are going to do during the 2<sup>nd</sup> visit!

ŧ

#### 3. Team orientation in village

After having finalized the meeting with the men, and while the team ladies are meeting with the village ladies, the team's men go around the village with some representatives and estimate the number of compounds and the number of wells needed, look for suitable well sites, and inspect a number of the wells.

3. Each of the three parts of the visit that were mentioned above, is further explained on the next page.

#### **INFORMATION & MOBILIZATION**

**ACTIVITY SECTION** 

#### Session with men

- 1. Introduce yourself and the BRUWAS project;
- 2. Discuss the following issues:
  - pump site must be accessible to everybody: it must be a community well;
  - well man ("mistrie") will be assigned by the villagers and will be trained by the project to repair the handpump;
  - self help basis: the pump will be the property of all the community members; everybody have to contribute; installation costs have to be borne by community; operation and maintenance will be responsibility of the community;
  - need to involve two women of every compound in hygiene education activities;
  - strengthening of village organizations;
- 3. Discuss the importance of using water from a safe source;
- 4. Explain how the project is going to organize hygiene education activities with the village women and village men;
- 5. (Prepare) hygiene education drawings with help of the audience;
- 6. Set a date for the next visit.

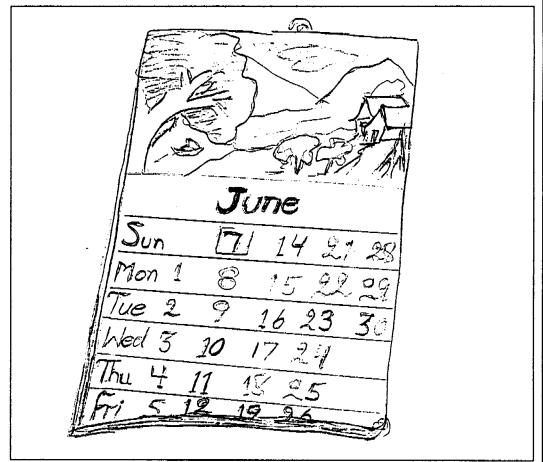


Figure 4: Plan your next visit with the villagers

#### **INFORMATION & MOBILIZATION**

**ACTIVITY SECTION** 

#### Session with women

- 1. Introduce yourself and the BRUWAS project;
- 2. Inform the ladies:
  - pump site must be accessible to everybody;
  - well man ("mistrie") will be assigned by the villagers and will be trained by the project to repair the handpump;
  - self help basis: the pump will be the property of all the community members; everybody have to contribute; installation costs have to be borne by community; operation and maintenance will be responsibility of the community;
- 3. Question: what can the women do regarding the operation / maintenance of this facility;
  - 2 women should participate from each compound in hygiene education on a
    permanent basis; these women are responsible to convey the messages to other
    households in their compound and train their sisters / mothers, daughters, other
    relatives, etc.;
  - in future latrines will be constructed in every compound;
  - we already discussed briefly the ideal situation: in future we will discuss with you the possible extra's or options for your handpump;

#### **Baseline survey**

- 4. Show the poster with water fetching:
  - check whether the containers on the poster are understood;
  - ask which containers are used most often for water fetching?
- 5. Show the poster with 'washing hands':
  - check whether pictures are understood;
  - what do you do before filling the pot?
- 6. Show the poster with 'storage of water':
  - check whether pictures are understood;
  - in what type of container do you store the water?
  - how often do you clean your storage tank (less than once a week = not washed);
- 7. Show the poster with 'place for storage of water':
  - check whether pictures are understood;
  - where is the storage container placed (on table or not)
- 8. Show the poster with 'usage of water':
  - · check whether pictures are understood;
  - how do people take water for drinking purposes: straight from cup or not / cup stored or not:
- 9. **Explain** the sheets to be filled in by every compound. Discuss with the ladies about the use of the sheets: how you are going to do this?
- 10. Make agreements on next visit.
- 11. Set a date for a next visit.

#### INFORMATION & MOBILIZATION

**HAND - OUT** 

#### MODEL VILLAGE - VISIT NO. 1 PART I - MEETING WITH VILLAGE MEN

PART I - MEETING WITH VILLAGE MEN			
VISIT OBJECTIVES	EXPECTED OUTPUT		
To show to villagers the types of installations that     BRUWAS can help them to install	Villagers know:  1. which types of handpumps and latrines are available 2. the costs of installing each facility 3. the advantages and disadvantages of each model		
<ol> <li>Hygiene education: to explain to village men why it will be beneficial to themselves and their households to install handpumps and latrines</li> </ol>	<ol> <li>Men understand the different sheets for assessing the hygiene situation, which will be used by the women;</li> <li>Men provide preliminary insight in the way familie are fetching, storing and using water;</li> </ol>		
3. To explain and clarify the procedures that the project wants to follow in its "model villages"	Villagers know the following aspects of project methodology:  1. BRUWAS is willing to assist the community, but the community must be willing to work on a self-help basis. This means that:  • compounds that are going to use the same handpump must be willing to contribute and work together to get the pump installed, operated, and maintained  • the site on which a pump is going to be placed must be made accessible to everybody. The project wants a document on which this is registered  • all compounds must send two women to meeting with the team's hygiene educators to discuss the desired design of the handpump facility and to start the hygiene education work  • if there are suitable artisans in the village, the project is prepared to train them in how to do all construction and installation work. If at all possible, the village is asked to nominate a candidate  2. handpumps are free of cost, installation costs @ Rs ###### must be paid by the community  3. LGRDD pays Rs.@@@@@ for installation of a latrine, with a maximum of ## latrines per compound		
<ul> <li>4. To ask villagers, in preparation of the 2<sup>nd</sup> visit:</li> <li>to discuss amongst themselves, whether they are willing to join the project's approach as explained in step 2 above;</li> <li>to discuss amongst themselves how many handpumps they need and where they need to be put, in preparation for the next visit</li> </ul>	Before the 2 <sup>nd</sup> visit villagers assess:  1. their willingness to join the project 2. the number of compounds and the number of persons in their village and those which will use the handpump; 3. the number of handpumps that they needs; 4. possible sites for these handpumps.		

# BRUWAS INFORMATION & MOBILIZATION HAND - OUT MODEL VILLAGE - VISIT NO. 1 PART II - PROGRAMME INTRODUCTION AND HYGIENE EDUCATION TO

WOMEN

VISIT OBJECTIVES	EXPECTED OUTPUT



Figure 5: Active and capable women should be members of the female organizations

# **BRUWAS** HAND - OUT INFORMATION & MOBILIZATION **MODEL VILLAGE - VISIT NO. 1** PART III - TEAM'S VILLAGE ORIENTATION VISIT OBJECTIVES **EXPECTED OUTPUT** During this part of the visit 1. Assessment of: 1. the team itself gets a good impression of the aspects mentioned under Visit • village and population size • number of handpumps needed Objectives • possible sites • suitability and condition of existing 2. and in this way prepares its own opinion about the village for the next meeting wells with community members water quality

#### **INFORMATION & MOBILIZATION**

HAND - OUT

# MODEL VILLAGE - VISIT NO. 1 PART IV - PROGRAMME INTRODUCTION AND HYGIENE EDUCATION TO WOMEN

VISIT OBJECTIVES	EXPECTED OUTPUT
To get feedback on last weeks visit to the village women	Women inform BRUWAS about:  the applicability of the approach (two women per compound educate the other women in their compound);  whether they applied SSS and their appreciation of the product and the problems they had to face.
To inform women about the community contributions the village has to make to get water supply and sanitation facilities	Village women have to know:  1. BRUWAS is willing to assist the community but the community must be willing to work on a self-help basis:  • site for handpump must be accessible to everybody;  • village contributions for installation, operation and maintenance (what can be your role?);  • 2 women of every compound should participate on a permanent basis to hygiene education sessions;  • a local craftsman will be trained to repair the pump if the need arises.  2. Village have to contribute to installation costs of handpumps
2. To show women the types of installations that BRUWAS can help them to install	Female villagers know:  1. Which type of handpumps and latrines are available.  2. The advantages and disadvantages of each model.
3. To assess the present behaviours of village women regarding "safe water"	<ol> <li>Village women provide insight in the way they fetch, carry, store and use water.</li> <li>Village women know how to fill in situational analysis sheets and agree how and when to fill them in before BRUWAS' next visit.</li> </ol>
4. To explain the women the hygiene education activities for the coming 5 weeks	
5. To make drawings to support the hygiene education programme / to explain the situation through drawings	5. x draft drawings will be made on safe water supply and safe use.

#### **INFORMATION & MOBILIZATION**

**HAND - OUT** 

### Participatory development of visual aids: making a drawing with help of the audience

#### Disease:

- 1. (what) What is the most common and serious disease in your village?
- 2. (who + position) You were discussing that children / adults / ... are most affected by this disease: how does this person look like when having this disease: sitting, lying, standing, etc.
- 3. What are the signs and symptoms when this person has this particular disease: thin or fat person, vomiting, shit around, lethargic, colour of the face, expression on the face, etc.
- 4. (situation) Clothes, skin colour, bedding, room or tent, etc.

#### Causes:

5. If one of the causes is bad water source, how does such a source look like: environment, source it self, surroundings of the source, etc.

Does it have a cover?

Are its surroundings clean?

Where is the bucket placed?

Are animals around?

Other cause = food. What is the actual problem: how should I draw this?

Other cause = lack of sanitation (latrine + environment): how to draw this: problem, surroundings, etc.

#### Prevention / ideal situation:

- 6. draw handpump: explain briefly how it functions and looks like;
- 7. surroundings of the handpump: purdah wall), trees for the shade, apron, drainage, gardening, animals trenching, proper place for putting the buckets, gate or not, etc.

BRUWAS	INFORMATION & MOBILIZATION	HAND - OUT
<u> </u>		

#### **INFORMATION & MOBILIZATION**

**EXTENSION AIDS** 

Villagers should be involved in the planning of development activities, in this case: hygiene education activities. In order to facilitate this process, women will be invited to draw their compounds on rectangular cards. These drawings should indicate the different family-dwellings in the compound. The female representatives of every compound have to pass the hygiene messages and other important information to the other (female) compound members. The card will help these women to plan their own 'extension activities': between the previous and the following visit of BRUWAS the woman has to contact x households. It is up to her how she is going to achieve this, but the card is her personal planning tool. Each time a woman has passed hygiene information to one of the houses of the relatives in her compound, she will mark this on her card. The female representative will keep this card with herself.

After each visit a new card should be drawn, so that at the end of BRUWAS' interventions at least 6 compound-cards per compound will be filled in.

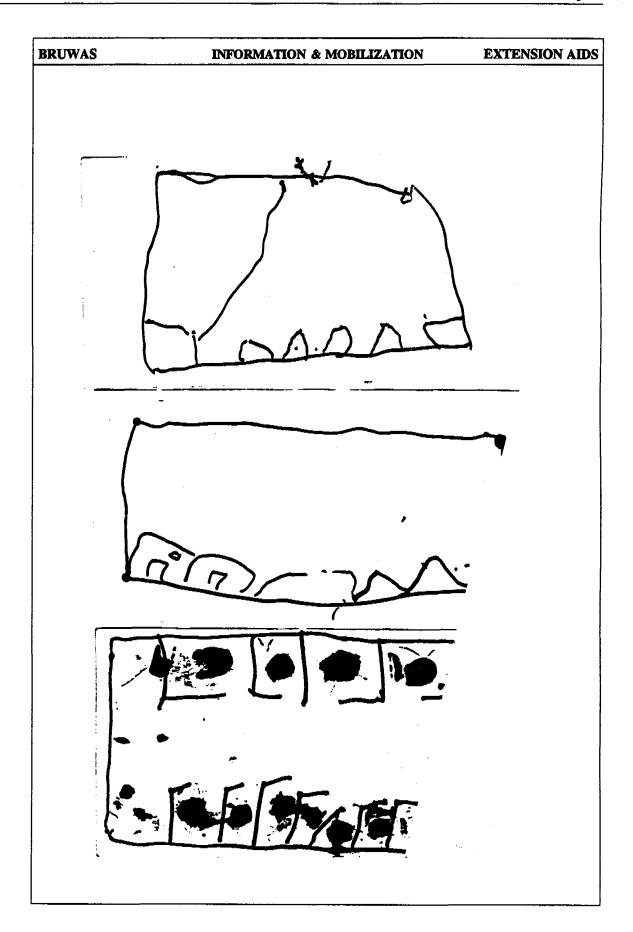
The following pages show how women have marked their cards.

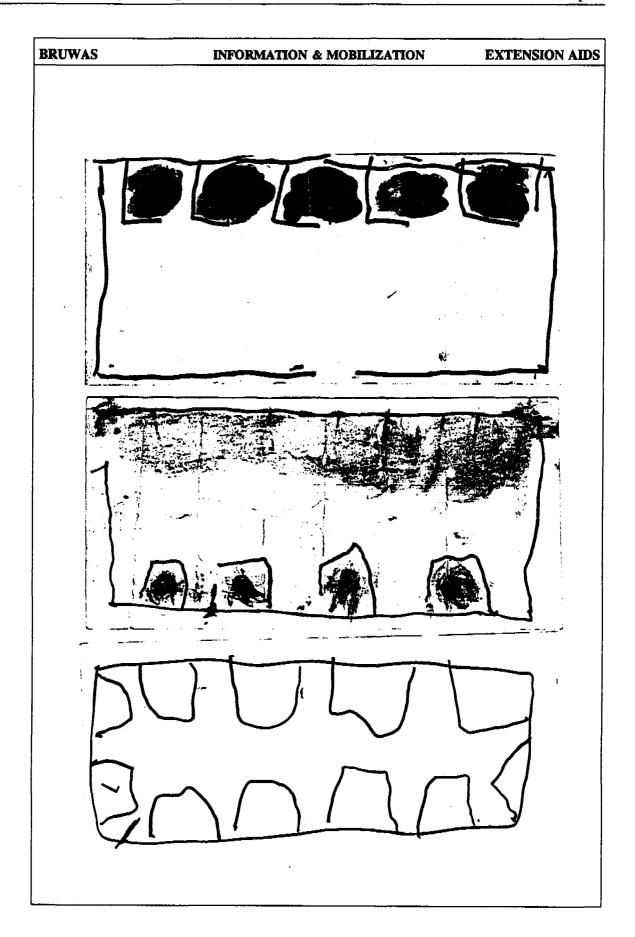
Experimentation with this method showed, that it has some concomitant, positive, side-effects: women are proud to (be able to) draw their own compound cards and to make their own planning: they like to have something in their hands which shows their efforts.

Assessment of health and hygiene problems is a first step towards a successful hygiene education programme. Preferably such an assessment should be done in a participatory way. BRUWAS has developed sheets which can be used by the villagers to assess their own hygiene situation.

As indicated in paragraph 1.2 of this field manual ("set-up of the manual") different sheets should be used for each visit: the first visit will concentrate on 'fetching water safely', the sheets for 'safe storage of water' and 'safe use of water' will be used during the second visit, etc., etc.

Women will be invited to assess the situation in their own compounds: through observation or by asking the female members of the other households in the compound. The information they have gathered should be indicated on the sheets. During the next visit, the sheets will be recollected: then you should make a quick analysis of the main bottlenecks and use this information for starting up discussions on behavioural changes. It is important, that the women plan their own behavioural objectives: you should guide the women in this process.





#### **INFORMATION & MOBILIZATION**

**EXTENSION AIDS** 

#### Example:

During the last visit you introduced the 'safe storage' sheet: every woman had promised to assess the situation in her own compound and to record her findings on the safe storage sheet.

During this visit you recollected the sheets and made a quick inventory of the hygiene behaviour of households regarding the storage of water.

Through discussion and 'probing' you try to sensitize the women: what do they regard as the most urgent behavioural change with respect to 'safe storage of water': try to motivate the women to formulate themselves a clear objective for all the compounds in their village:

"After coming Friday we are all going to use a lid on or storage tanks" or "We are going to clean our container every two days", etc., etc.

When the objective is clear a planning should be made: who will clean the container in my compound: Does he or she need some materials for that (soap / brush or other things). How are we going to get these things in my compound?

The BRUWAS team members can organize short group discussion sessions between female representatives of different compounds which allow them to discuss these barriers with other women.

During a next session the BRUWAS staff member should give follow-up to these activities: were other households in the compound informed about the new behaviour (see the compound card) and are they willing to participate? Did the female representative have any problems in motivating the other households? How can BRUWAS assist these women to overcome these problems?

The situational assessment sheets were specially developed for illiterate users. Our tests showed that women are able to use the sheets to assess the hygiene situation in their compounds. However, proper explanation on how to use the sheets is necessary. It is also recommended that an enlarged copy of a sheet is used when introducing a new topic: during the session the whole group tries to fill in the sheet. This gives you the opportunity to find out where women still encounter difficulties in filling in the sheet. At the same time, it gives you a preliminary insight in the hygiene behaviour of the people.

On the next pages you find examples of the sheets to be used during the first session (information and mobilization). The sheets for the second and the third visit can be found in those sections.

WASH HANDS  DISTRICT: UNION COUNCIL:  KILLI:  Date:	RUWAS	INFORMATION &	MOBILIZATION	EXTENSION AII
DISTRICT: UNION COUNCIL:  KILLI:  Date:				
DISTRICT: UNION COUNCIL:  KILLI:  Date:		XXI A CYY	HANDS	
WASH HANDS NOT WASHED	D.T.C.M.D.T.C.M.	WASH	HANDS	
WASH HANDS NOT WASHED		· · · · · · · · · · · · · · · · · · ·		
	KILLI:		· Dat	e:
	WASH HANDS			
		_ / /	-00	** 
				30
			1. 1. 1.	
			A STATE OF THE STA	
	کیتے	<i>₽</i>		
•				
		<b>4</b> 00		
4				
*			,	
			\$	

BRUWAS	INFO	RMATION &	MOBILIZATI	ON E	XTENSION AID
	V	VATER F	ETCHING	}	
DISTRICT:					
UNION COUNC				Data	
KILLI:	* * * * * *			Date:	
CONTAINER	^	WASHED		NOT WASHED/	
	1				
	- Control of the cont				
	*				
CZ.	2				
			<u> </u>		

BRUWAS	COMMITMENT AND PACKAGE DEVELOPMENT	INFORMATION SHEET
l	VISIT 2: COMMITMENT AND PACKAGE DEVI	ELOPMENT
: :		

## COMMITMENT AND PACKAGE DEVELOPMENT

#### INFORMATION SHEET

#### **Objectives:**

Village men and women decide on:

- users number
- location of pumps
- number of pumps to be installed
- commitment to CP
- formal agreement for community well.
- explanation of design options + additions
- village discusses options

#### Target group

Male and female community members of model villages.

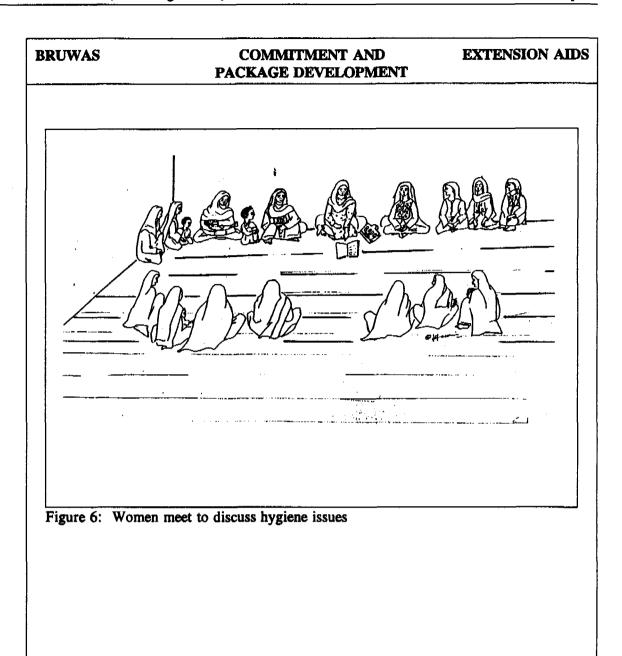
#### Method

- discussion and dialogue with male community members;
- discussion and dialogue with female community members;
- participatory development of visual aids.

#### Means and materials

- drawings of facility options (handpumps and latrines);
- hand-out for discussion and dialogue;
- drawing materials (paper / colours / pens / board)
- maps from the selected model villages;
- sanitary survey and water testing equipment.

#### Organization / process



BRUWAS	COMMITM PACKAGE DI	MENT AND EVELOPMENT	EXTENSION AIDS
CARRYING (	OF WATER		
	CARRYING	OF WATER	
DISTRICT	!:		
UNION CO	UNCIL:		Date:
HOW CAF	RRIED?		
			#
		441	_

BRUWAS	COMMITMENT A PACKAGE DEVELO		ENSION AIDS
CLEAN STORAG	E SHEET		
	CLEAN STORA	AGE	
DISTRICT:			•
UNION COUNCI	L:	<b>9</b>	
KILLI:		Date:	*****
CONTAINER S	TORED		
A STATE OF THE STA		4/	

B	RUWAS	COMMITM PACKAGE DE	MENT AND		ON AIDS
STORAGE OF WATER					
	DISTRICT:				
	UNION COUNCIL:	• • • • • • •			
	KILLI:			Date:	_
	CONTAINER	WASHED	de No	OT WASHED	
		WASHING			2

BRUWAS	CONTRACTING	INFORMATION SHEET
	<b>VISIT 3: CONTRACTING</b>	

BRUWAS	CONTRACTING	EXTENSION AIDS
CLEAN USAGE SHEET		
	WATER USAGE	
DISTRICT:	•••••	
UNION COUNCIL:	• • • • • •	
RILLI:		Date:
WOLL THE PROPERTY OF SHIP	CVID CEODED	CVD NOT CHOPED
HOW TAKEN?	CUP STORED	CUP NOT STORED
	=,	
		90 10 10

BRUWAS	CONSTRUCTING	INFORMATION SHEET
•		
·		
	VISIT 4: CONSTRUCTING	

VISIT 5: INSTALLATION	BRUWAS	INSTALLATION	INFORMATION SHEET
			1
VISIT 5: INSTALLATION			
VISIT 3. INSTALLATION		VICIT 5- INCTALLATION	
		VISIT 5. INSTREMITION	
		·	

BRUWAS	MONITORING AND FOLLOW-UP	INFORMATION SHEET
	VISIT 6: MONITORING AND FOLL	OW-UP