

**Communication Materials  
Data Bank**

FOR  
**Rural Community-based  
Water & Sanitation  
Initiatives**

**COMMUNITY PARTICIPATION**



**World Bank Water & Sanitation Program  
Regional Water & Sanitation Group - South Asia**

*This publication is the outcome of a year-long project undertaken by the Voluntary Health Association of India (VHAI), funded by Danida and with the support of the UNDP/World Bank Water and Sanitation Program, South Asia. The main objective of the project was to establish a data bank of rural communication materials for community-based water and sanitation initiatives at the Information and Documentation Centre of the VHAI. This document contains a detailed list of communications materials available at this resource bank.*

*Material from this publication may be quoted or copied provided proper reference is made to its source*

*This publication has been prepared by Ms Swati Mitra, based on a study titled 'Establishment of a communication materials development network for community-based water and sanitation initiatives in Delhi, Rajasthan and Tamil Nadu', conducted by a project team from the VHAI, consisting of:*

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*Photographs. VHAI*

UNDP  
World Bank  
Water and Sanitation Program  
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Danida

**COMMUNICATION MATERIALS DATA BANK**  
*for*  
**Rural Community-based Water and Sanitation Initiatives**

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**UNDP/World Bank W&S Program**  
**Regional Water & Sanitation Group – South Asia (RWSG-SA)**  
**53, Lodi Estate, New Delhi 110 003**

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### **ABBREVIATIONS USED**

**AWWs** Anganwadi workers

**GOI** Government of India

**GLWs** Grassroot level workers

**MLWs** Middle level workers

**NGOs** Non-governmental organisations

**PLWs** Policy level workers

**TOTs** Training of trainers

**VHWs** Village health workers

# INTRODUCTION

1. There is now agreement within the water supply and sanitation sector globally, and in particular, in India, that no meaningful programme can be effectively implemented and sustained without community participation and without upgradation in human resources. In India, many agencies — local/bilateral/multilateral — are therefore focussing on decentralised water and sanitation programmes, in which the communities themselves play a major role in decision-making and water resource management. In other words, the project staff and beneficiaries work as partners in planning, implementation and management of water resources and environmental sanitation. Involving beneficiaries at each of these stages requires the provision of information, training and education to facilitate two-way communication. However, the experience in India during this past decade has brought to the fore certain major problems:
  - The lack of educational/communication materials — audio/visual/written;
  - Information on the availability and use of such materials;
  - The availability of these materials at all levels, from senior management to grassroots level; and
  - The lack of networking among organisations throughout India involved in using and producing communication materials.
2. These problems have resulted in much duplication in the production of materials to support community-based initiatives in the water supply and sanitation sector. This also highlights the lack of contact between different agencies and the absence of a few clearly identified and publicised centres that collect, catalogue and disseminate materials. Communication materials are largely context-specific and the immense diversity in language and culture across India further intensifies the complexity of the problem.
3. Experience has shown that, though each case is different, and requires special inputs, it is of great help to trainers to have access to textual/pictorial materials prepared for a different geographical region but on a similar subject. They may not be able to exactly duplicate that material to meet their own particular needs, but it would give them sufficient concrete examples and the confidence to proceed with adapting that material and then possibly developing their own materials
4. To initiate and facilitate this effort, the Voluntary Health Association of India (VHAI), with funding from Danida and support from the UNDP/World Bank Water and Sanitation Program, launched on the project to establish a communication materials data bank for community-based water supply and sanitation initiatives for the rural poor.
5. The project aimed at the establishment of a communication materials data bank with the following objectives:
  - To collect educational/communication materials, including audio/visual/written material, from institutes/organisations/NGOs which are involved in the development, production and dissemination of material related to rural community-based water and sanitation activities.
  - To catalogue and index the collected materials using different criteria — levels of applicability, language, geographical area, subject, etc.
  - To disseminate the information collected.

6. As the first step, it was decided to collect samples of materials already available from three distinct regions of India — Rajasthan, Tamil Nadu and Delhi, review them in terms of origin, development, production, dissemination and use; and develop a simple cataloguing and indexing system to retrieve materials for different purposes.
7. It is hoped that once this system has been developed on a small scale, based on the material collected during this one-year project, which is demonstrably easy to use, it will generate interest and enthusiasm among users and producers of communication materials in all other states throughout India, to share the materials they have produced with the VHAI data bank so that others may benefit from it
8. This publication contains a detailed catalogue of the material that has been collected by the Information and Documentation Division of the VHAI during this one-year project. The material is available for all organisations/institutions/NGOs who are involved in developing communication materials in the field of water and sanitation



# COMMUNICATION MATERIALS DATA BANK

## I. DEVELOPMENT COMMUNICATION

### I.1 AADUVOMAE PALLU PADUVOMAE (Tamil)

**Vivekananda Kendra, Kanyakumari, Tamil Nadu.**

This audio cassette contains Tamil songs set to folk tunes on the environment, water and health.

*Useful for TOTs, GLWs, women and children.*

### I.2 AAKRATI AND SAMPRESHAN (Hindi)

**ASTHA, Plot no 4, Bedala Road, Udaipur 313 001. Rajasthan. 10 pages.**

The booklet contains a number of illustrations on different methods of communicating with illiterates regarding health education and development activities.

*Useful for MLWs and GLWs.*

### I.3 AMRIT KI BUNDE (Hindi)

**Swachh Pariyojana, 13-B Saheli Marg, Udaipur 313 001, Rajasthan, 1988. 28 pages.**

This booklet contains folk songs in Bagdi on handpump water and sanitation.

*Useful for MLWs and GLWs.*

### I.4 a. ART OF SCRIPT WRITING; Mathikannan.

b. **ART; 3 pages.**

c. **PUPPETRY; 4 pages.**

d. **STREET THEATRE; 3 pages. (All in Tamil)**

**ASSEFA Natham Project, Natham, Kovilpatti 624 405, Tamil Nadu. 3 pages.**

Handouts in Tamil on points to remember for script writing, puppetry, street theatre and art.

*Useful for TOTs, communicators, MLWs and GLWs.*

### I.5 BROADCASTING MATERIAL ON ENVIRONMENT

a. **INDUSTRIAL POLLUTION IN DINDIGUL (TANNING INDUSTRY); Lakshman, 4 pages.**

b. **A SPECIAL REPORT ON TANNERIES; L. Antonisamy, 2 pages.**

c. **SOLUTIONS FOR DINDIGUL (POLLUTION OF WATER DUE TO TANNERIES); 10 pages.**

d. **WATER POLLUTION (Tamil); A. Rajasemhan, 2 pages.**

e. **ENVIRONMENT PROTECTION AND LAW; A.K. Rajan, 4 pages.**

**All India Radio, Madurai, Tamil Nadu; Peace Trust, Dindigul, Tamil Nadu.**

Broadcast materials in the form of reports, interviews, etc, on environmental sanitation, water pollution and tanneries.

*Useful for TOTs and MLWs.*

- I.6 CHALO GAON KI OAR (Hindi)**  
**Jyoti Punj, Samanvit Naru Unmulan Pariyojana, Janjati Kshetriya Vikas Vibhag, Udaipur, Rajasthan, 1987. 200 pages.**  
 This book is a collection of 16 dramas in local dialects on guineaworm eradication, cleanliness and sanitation in Rajasthan.  
*Useful for TOTs, communicators and GLWs.*
- I.7 COMMUNICATION AND HEALTH EDUCATION PLANNING FOR SANITATION PROGRAMMES**  
**John Hubley, 'Waterlines', Vol 5 No 3, January 1987. 5 pages.**  
 The article describes why communication and health education are vital components of sanitation programmes.  
*Useful for policy makers, TOTs and communicators.*
- I.8 KARYA SANGRAHA, AMRIT KALASH (Hindi)**  
**Jyoti Punj, Samanvit Naru Unmulan Pariyojana, Janjati Kshetriya Vikas Vibhag, Udaipur, 1987. 160 pages.**  
 The book contains messages in verse, in Bagdi, on the eradication of the guineaworm.  
*Useful for TOTs, MLWs, communicators and GLWs.*
- I.9 MEDIA WORKSHOP ON SANITATION**  
**Organised by UNICEF and Delhi Administration. Held at New Delhi, April 25-26, 1991.**  
 This kit contains a variety of communication materials such as handouts, booklets, flashcards, audio and video cassettes, posters, games and songs on various aspects of water and sanitation.  
*Useful for TOTs, MLWs, teachers and communicators.*
- I.10 PANGHAT SE UTHI KIRAN (Hindi)**  
**SWACHH, Samanvit Naru Unmulan Pariyojana, Janjati Kshetriya Vikas Vibhag, Udaipur, Rajasthan, 1988. 77 pages.**  
 The book contains a collection of six plays written in folk form in the Bagdi dialect, to create awareness on guineaworm disease and its prevention and the use of pure water.  
*Useful for TOTs, MLWs, communicators and GLWs.*
- I.11 PLANNING OF COMMUNICATION SUPPORT (INFORMATION, MOTIVATION AND EDUCATION) IN SANITATION PROJECTS AND PROGRAMMES**  
**Heli, Perret (Technology Advisory Group – TAG), The International Bank for Reconstruction and Development/The World Bank, 1818 H Street NW, Washington, DC 20433, USA, 1983. 27 pages.**  
 The report describes the types of problems in sanitation projects which communication support may help to solve or avoid, and the various techniques that may be applied.  
*Useful for communication designers, policy-makers and MLWs.*

## I.12 PREVENTION OF DISEASES

**UNICEF, 73, Lodi Estate, New Delhi 110 003.**

This pamphlet gives complete information, with illustrations on how to prevent diseases, personal hygiene, cleanliness, sanitation, use and maintenance of latrines. School education, prevention of diarrhoeal diseases, preparation of ORS, and the treatment of diarrhoea are also explained.

*Useful for teachers, MLWs, GLWs and VHWs*

## I.13 PROGRAMME COMMUNICATION : METHODS FOR IMPROVING MESSAGES AND MATERIAL ASSESSING EDUCATIONAL PROGRAMMES; 53 pages.

The report enumerates the various tools which would be used for assessing communication materials. Sample questionnaires and interview schedules are also given.

*Useful for planners, MLWs and communication designers.*

## I.14 PROJECT REPORT: COMPREHENSION OF POSTERS ON HEALTH AND SANITATION BY RURAL COMMUNITY

**SWACH, Pushpa Gupta, Dept of Home Science, Extension Education, College of Home Science, Rajasthan Agricultural University, Udaipur Campus, Udaipur, Rajasthan, 1990. 114 pages.**

The project report contains the methodology, sampling, field test, results and conclusion along with visuals, charts and tables.

*Useful for policy-makers, TOTs and communicators.*

## I.15 REFLECTIONS: THROUGH THE EYES OF A CHILD

**Voluntary Health Association, Delhi, Room Nos 2-3 and 379, Hanuman Mandir Market, Munirka, New Delhi, 1989. 64 pages.**

A report on a poster competition organised by the VHAI, Delhi, highlighting the activities of the VHAI, such as training programmes, school health programmes, resource centres, dissemination of information and health action. A list of associate member schools, organisations, institutional members and individual members is also presented.

*Useful for teachers, voluntary organisations, MLWs and communicators*

## I.16 RURAL SANITATION AND WATER SUPPLY: AN INTEGRATED APPROACH

**Information:**

1. Introduction;
2. Water supply;
4. Sanitary latrines;
5. Community participation;
6. School health promotion;
10. Training;
11. Communication.

**Department of Rural Development, assisted by Danida, South Arcot district, Tamil Nadu. Project Advisory Group Integrated Rural Sanitation and Water Supply Project, 40 Chamiers Road, Madras 600 018, Tamil Nadu. 8 folders.**

Colourful and glossy folders with photographs and visuals on the above topics and a brief write-up on each topic.

*Useful for large organisations and planners.*

- I.17 SAFAI APNAIYE – BIMARI HATAIYE (Hindi)**  
**School Health Scheme, Delhi Administration, and UNICEF, New Delhi.**  
 This health folder, using the format of the snakes and ladders game, gives complete information on personal hygiene, cleanliness, sanitation and the use of latrines.  
*Useful for teachers, MLWs, GLWs, VHWs, women and children.*
- I.18 SANITATION KIT FOR MOTIVATORS (English)**  
**CHETNA, Ahmedabad, Gujarat; UNICEF, 73 Lodi Estate, New Delhi 110 003.**  
 The kit contains different types of communication materials on sanitation, such as booklets, rotatory disc, leaflets, games, playing cards, etc, on personal hygiene, sanitation, latrines, chullah and soakage pits.  
*Useful for TOTs, MLWs, teachers, communicators, AWWs and children.*
- I.19 SEEKH: KABYA SANGRAH (Hindi)**  
**Suman Bhatnagar et al, Samanvit Naru Unmulan Pariyojana, Government of Rajasthan and UNICEF, 1987. 36 pages.**  
 This booklet contains folk songs and short plays in Hindi and Bagdi to highlight the eradication of the guineaworm disease.  
*Useful for MLWs and GLWs.*
- I.20 SLOGANS ON DRACUNCULIASIS (GUINEAWORM) ERADICATION PROGRAMME (Hindi)**  
**Department of Health, Government of Rajasthan, Jaipur. 28 pages.**  
 The booklet contains slogans, in the local dialect, to highlight the importance of safe drinking water to eradicate the disease.  
*Useful for GLWs.*
- I.21 SONGS ON HEALTH, WATER AND SANITATION (Hindi)**  
**Samaj Karya and Anubandhan Kendra, Shivdaspura 303 903, Jaipur, Rajasthan. 12 pages.**  
 This booklet contains folk songs and slogans in the local dialect on water and sanitation, health and sanitation, and water-borne diseases with illustrations.  
*Useful for MLWs and GLWs.*
- I.22 STRENGTHENING COMMUNICATION FOR THE PROMOTION OF SANITATION**  
**K.R. Parvathy, Intensive Rural Sanitation Program, Rajasthan; New Concept Consultancy Services. 80 pages.**  
 The report is on a field test of audio-visual materials for sanitation. It also gives guidelines for developing a communication strategy and the production of quality material.  
*Useful for policy-makers and project implementors.*

**I.23 SWACH NO BAYONI (Bagdi)**

**SWACH, Swachata Jal aur Samudayik Swasthya Pariyojana, 45-B, Panchavati, Udaipur. 1990. 34 pages.**

The book contains songs and slogans in Bagdi on various health issues such as water and sanitation, immunisation and cleanliness.

*Useful for MLWs, communicators, teachers, GLWs and children.*

**I.24 SWACH RO SANDESH (Mewari)**

**SWACH, Swachata Jal aur Samudayik Swasthya Pariyojana, 45-B, Panchavati, Udaipur. 14 pages.**

A collection of songs and slogans in Mewari on water-borne diseases, guineaworm and sanitation.

*Useful for teachers, MLWs, communicators, GLWs and children.*

**I.25 SWASTHYA CHALISA (Hindi)**

**Jyotipunj, C-2, Aakashvani Colony, Sector 5, Udaipur, Samanvit Naru Unmulan Pariyojana, Udaipur, Rajasthan, 1987. 32 pages.**

This booklet contains slogans on matters of health, cleanliness, sanitation and drinking water.

*Useful for MLWs and GLWs.*

**I.26 SWASTHYA SAMBANDHI NARO KA VIVRAN (Hindi)**

**Gramin Vikas Vigyan Samiti, Jelu Gagdi, Jodhpur. 5 pages.**

This booklet contains slogans on health education such as family planning, water and sanitation, literacy and health, and dracunculiasis disease.

*Useful for MLWs and GLWs.*

**II. DRINKING WATER**

**II.1 DRINKING WATER**

**Government of Rajasthan and UNICEF; Directorate of Health & Family Welfare and Delhi Administration, Delhi; Water Mission, Delhi; Science and Technology for Women, DST, New Delhi; CHETNA, Ahmedabad, Gujarat; Programme Support Unit, Indo-Dutch Cooperation, Lucknow, UP; UNDP/World Bank Water and Sanitation Program. 10 posters.**

These posters deal with clean drinking water, cleanliness, use of handpumps, water purification, etc

*Useful for masons, TOTs, MLWs, GLWs, women and children.*

**II.2 DRINKING WATER: INADEQUATE REGULATION OF HOME TREATMENT UNIT LEAVES CONSUMERS AT RISK**

**United States, General Accounting Office, Washington, DC 20548, USA, 1991. 46 pages.**

The report reviews the consumer and health concerns associated with home water treatment units. It also gives the regulatory controls required to protect the public from false claims or potential health risks from these units.

*Useful for policy-makers, planners and engineers.*

### II.3 **SAAF PAANI AUR SAFAI – ISMEN SAB KI BHALAI (Hindi)**

**National Drinking Water Mission. A set of 31 flip charts.**

The flip charts explain the importance of clean and safe drinking water, in the format of questions and answers. The contents include causes of water-borne diseases, importance of clean water, and maintenance of the area around handpumps.

*Useful for TOTs, teachers, MLWs and GLWs.*

### II.4 **WATER IS LIFE, CONSERVE IT**

**Indo-German Social Service Society, 28, Lodi Road, Institutional Area, New Delhi 110 003, 1992.**

The calendar contains captions and write-ups on water and its use in agriculture, forestry and industry.

*Useful for NGOs and MLWs.*

## III. **ENVIRONMENTAL SANITATION**

### III.1 **ENVIRONMENTAL CLEANLINESS**

**Medical and Health Services, Rajasthan.**

This pamphlet gives information, with illustrations, on environmental sanitation, personal hygiene, cleanliness and water-borne diseases.

*Useful for MLWs and GLWs.*

### III.2 **ERADICATION OF SCAVENGING TRAINING REHABILITATION OF SAFAI KARAMCHARIES IN BIHAR**

**Sulabh International, New Delhi, 1988. 74 pages.**

The book explains the objectives of the project, the methods of converting the bucket dry latrines into Sulabh Shauchalayas and their operation and maintenance. It also suggests ways and means of eradicating scavenging and proposes special rehabilitation programmes for scavengers.

*Useful for PLWs and MLWs.*

- III.3
- a. **HIRAU NE SHAUCHALAY KYON BANVAYA; 15 charts.**
  - b. **SHAUCHALAY BANANE KI VIDHI; 6 charts.**
  - c. **RAMAVTAR KA NAYA SHAUCHALAY; 10 charts.**
  - d. **PHOOLMATI KA RAHASYA; 12 charts.**
  - e. **BACHCHE SWASTHYA KE RAKSHAK; 10 charts.**
  - f. **SWACH BACHCHE, SWASTHYA BACHCHE; 9 charts. (All in Hindi)**

**CHETNA, 3rd floor, Drive-in Cinema Building, Thaltej Road, Ahmedabad 380 054, Gujarat; and Programme Support Unit (PSU), Indo-Dutch Cooperation, Akshay, 5th floor, North Wing, 2, Sarojini Naidu Marg, Lucknow 226 001, Uttar Pradesh.**

These flip-charts explain the construction of latrines and their maintenance and use; and the maintenance of handpumps; cleanliness, personal hygiene; etc.

*Useful for teachers, masons, MLWs, GLWs, women and children.*

**III.4 JALBANDH GHARELU SHAUCHALAY MARG DARSIKA (Hindi)**

**CHETNA, 3rd floor, Drive-in Cinema Building, Thaltej Road, Ahmedabad 380 054, Gujarat, 1991. 20 pages.**

This book stresses on the importance of using a sanitary latrine. The explanations are very clear and are supported by visuals. It also contains simple technical details on the construction and maintenance of latrines.

*Useful for MLWs and GLWs.*

**III.5 PEASANT PERCEPTIONS – FAMINE CREDIT NEEDS SANITATION (VOL I)**

**Bangladesh Rural Environment Committee (BRAC), 66, Mohakhali, C/A Dhaka 12, Bangladesh, 1984. 22 pages.**

This book contains information on conditions and causes, relief programmes, social environment, village credit and perceptions regarding sanitation.

*Useful for policy-makers and researchers.*

**III.6 PEOPLE, WATER & SANITATION: WHAT THEY KNOW, BELIEVE AND DO IN RURAL INDIA**

**National Drinking Water Mission, 9th floor, Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi 110 003, 1990. 40 pages.**

The study was conducted with assistance from UNICEF in various districts of India. It discusses some of the very basic issues concerning the situation of water and sanitation in the country and contains photographs.

*Useful for planners and project implementors.*

**III.7 PROCEEDINGS OF THE SEMINAR ON LOW-COST SANITATION TO ERADICATE SCAVENGING AND REHABILITATION**

**Urban Development Department, Uttar Pradesh; Housing and Urban Development Corporation, Government of India; and Sulabh International, Lucknow, Uttar Pradesh, January 20-21, 1987. 21 pages.**

Background papers on scavenging, free programmes, publicity, loan facilities, etc, along with conclusions and recommendations.

*Useful for large organisations and PLWs.*

**III.8 ROAD TO FREEDOM: A SOCIOLOGICAL STUDY ON THE ABOLITION OF SCAVENGING IN INDIA**

**Bindeshwar Pathak, Motilal Banarasidass Publishing Pvt Ltd, Delhi, 1991. 254 pages.**

The book discusses the historical perspective of scavengers through the ages, and the efforts taken by different organisations for the liberation of scavengers.

*Useful for policy-makers, sociologists and researchers.*

### III.9 SAFAI KA JADU (Hindi)

**Delhi Nagar Nigam and Sulabh International. 14 pages.**

This is a pictorial manual about personal hygiene, cleanliness, water and the sanitation and use of Sulabh Shauchalayas.

*Useful for MLWs, GLWs and VHWs.*

### III.10 SAFAI KI ESTHITI MEN SUDHAR KE LIYE BHARAT SARKAR DWARA NIYUKT JAN SAMITI KI SIFARISHEN (Hindi)

**Samajik Karyakramo ki Upsamiti, Rashtriya Gandhi Janam Shatabdi Samiti, Rajghat, New Delhi 110 002. 42 pages.**

This booklet gives information on cleaning gutters and latrines.

*Useful for NGOs working for scavengers.*

### III.11 SANITATION

**Directorate of Health and Family Welfare, Delhi Administration; Gramin Vikas and Panchayati Raj Vibhag, Government of Rajasthan, Jaipur, Rajasthan; UNICEF, 73, Lodi Estate, New Delhi 110 003; Sulabh Centre for Mass Communication, 83, Mahaveer Enclave, Palam Dabri Marg, New Delhi 110 045; Sulabh Sanitation Awareness Program, B-40, Greater Kailash Part I, New Delhi 110 048; Sulabh International, Dakshin Gandhi Maidan, Patna 800 001, Bihar; Integrated Rural Sanitation and Water Supply Project, Danida-DRD, 40, Chamiers Road, Madras 600 018; and Programme Support Unit (PSU), Indo-Dutch Cooperation, Akshay, 5th floor, North Wing, 2 Sarojini Naidu Marg, Lucknow 226 001.**

These 12 posters provide information on the use and maintenance of waterseal home latrines, the diseases caused by open defecation, low-cost latrines, etc.

*Useful for engineers, planners, MLWs, teachers, GLWs, women and children.*

### III.12 SANITATION: A WAY OF LIFE

**UNICEF, 73 Lodi Estate, New Delhi 110 003, 1987. 36 pages.**

The handbook discusses in clean and simple language sanitation problems and solutions in the community.

*Useful for teachers, students and community organisers.*

### III.13 SOAKPIT

**Technology for Rural Development Series I, N. Kamamma, Department of Science and Technology, New Delhi; Gandhigram Rural Institute, Gandhigram 624 302, Tamil Nadu, 1992. 10 pages.**

Booklet and brochure on soakpit construction and use, supported by visuals.

*Useful for MLWs, masons and women.*



**III.14 SOCIO-ECONOMIC SURVEY OF SULABH SHAUCHALAYAS AT RANCHI: A CASE OF SOCIAL ENTREPRENEURSHIP**

**Xavier Institute of Social Service, Post Box 9, Purulia Road, Ranchi 834 007, Bihar, 1979. 37 pages.**

The survey includes the genesis of the problem, the socio-economic background and opinions and attitudes of beneficiaries. Supported by tables and drawings along with conclusions and suggestions.

*Useful for NGOs and TOTs.*

**III.15 SUTTRUPURA SUGATHAARAM (Tamil)**

**Gandhigram Rural Development and Family Welfare Trust, Gandhigram, Madurai, Tamil Nadu 624 309, 1982. 14 pages.**

The booklet contains information on environmental sanitation, cleanliness, harmful effects of garbage and drainage water, use of latrines, clean drinking water, etc.

*Useful for teachers, GLWs and children.*

**III.16 SWACH LOG AUR ASWACH DESH (Hindi)**

**N.R. Malkani, National Gandhi Janam Shatabdi Samiti, Gandhi Smarak Nidhi, Rajghat, New Delhi, 1989-90. 155 pages.**

This book contains information on sanitation in India including the situation in various states, Gandhi's views on cleanliness, the duty of the municipality, etc.

*Useful for policy-makers, MLWs and GLWs.*

**III.17 TOWARDS BETTER HEALTH (Hindi and English)**

**UNICEF, 73, Lodi Estate, New Delhi 110 003; Water Mission, New Delhi.**

A set of six flip charts dealing with sanitation and diseases, waste water and garbage disposal, latrines, personal hygiene and vector control.

*Useful for TOTs, MLWs, teachers, GLWs, women and children.*

**III.18 TOWARDS BETTER HEALTH**

- a. **Garbage pit; 12 minutes.**
- b. **Soakage pit; 14 minutes.**
- c. **Smokeless chullah; 17 minutes.**
- d. **Two pit waterseal toilet; 27 minutes.**

**UNICEF, Upper India Office, Lucknow, Uttar Pradesh.**

The video cassette contains four films regarding the technical details of construction of garbage pits, bund-making methods, production of manure from garbage, etc.

*Useful for TOTs, MLWs, technicians, masons, GLWs, youth and women.*

### III.19 USE AND MAINTENANCE OF WATERSEAL LATRINE

**UNICEF, 73, Lodi Estate, New Delhi 110 003, 1988. 24 pages.**

This booklet contains instructions on the use and maintenance of waterseal latrines, how to attend to latrine blockage, repairs, etc. It is supported by visuals.

*Useful for MLWs and masons*

### III.20 WATER AND SANITATION – SCHOOL GUIDE

**CHETNA, 3rd floor, Drive-in Cinema Building, Thaltej Road, Ahmedabad 380 054, Gujarat. 20 pages.**

This booklet gives detailed information on the importance of waterseal latrines, the use and maintenance of the water tank, with pictures and illustrations.

*Useful for teachers, MLWs and GLWs.*

## IV. HEALTH EDUCATION

### IV.1 ANGANWADI KI SWACHATA (Hindi)

**UNICEF, 73, Lodi Estate, New Delhi 110 003, 1988. 21 pages.**

This book contains basic information on cleanliness, environment-related diseases, their spread, importance of clean water, food and environmental sanitation.

*Useful for teachers, MLWs, GLWs and AWWs.*

### IV.2 AROGYA DARSHIKA (PART I)

**J.C. Lodha, Seva Mandir Prakashan, Udaipur, Rajasthan. 44 pages.**

This health manual is about personal hygiene, cleanliness and effects of alcoholism and smoking.

*Useful for VHWs and GLWs.*

### IV.3 CLEAN VILLAGE

**UNICEF, 73, Lodi Estate, New Delhi 110 003.**

This set of eight flip charts contains large size pictures on school sanitation, personal hygiene, sanitary latrines and worm-related diseases such as hook-worm, round-worm, etc.

*Useful for TOTs, teachers, MLWs, GLWs and children.*

### IV.4 DO YOU KNOW?

**UNICEF, Madras, Tamil Nadu. Set of 40 charts.**

The flip charts are on water-borne diseases such as diarrhoea, the importance of safe drinking water, chlorination of water, maintenance of latrines, soakage pit and garbage disposal.

*Useful for TOTs, teachers, communicators, MLWs, GLWs, women and children.*

**IV.5 EVALUATION OF HEALTH EDUCATION ACTIVITIES AND HUMAN RESOURCE DEVELOPMENT OF INTEGRATED RURAL WATER SUPPLY**

**Health Education and Environmental Sanitation Project, Bichhwara Block, Dungarpur District, Rajasthan; P.N. Sehgal, Voluntary Health Association of India, 40, Institutional Area, South of IIT, near Qutab Hotel, New Delhi 110 016. 99 pages.**

An evaluation report of IRWSHEES project, which describes the aims and objectives, method of data collection, sampling techniques, manpower involvement and findings.

*Useful for policy-makers, planners, project supervisors and MLWs.*

**IV.6 EXPERT COMMITTEE ON TRAINING OF HEALTH PERSONNEL IN HEALTH EDUCATION OF THE PUBLIC**

**Technical Report Series No 156, WHO, Geneva, Switzerland, 1958. 40 pages.**

This report contains the discussions held at the expert committee meeting on the needs for training, objectives, roles of workers, planning, organisation and training.

*Useful for policy-makers, large organisations, training institutes and NGOs.*

**IV.7 GRAMIN SWACHTA KARYAKRAM NIRDESIKA (Hindi)**

**Gramin Vikas aur Panchayati Raj Vibhag, Bharatiya Gramin Prabandh Sansthan, Plot No 687, Kalyan Path, near Police Memorial, Jaipur 302 004, Rajasthan. 60 pages.**

This book contains information on purification of water, maintenance of latrines and health education, cleanliness, waste disposal, smokeless chullah, sanitation, personal hygiene and water-borne diseases such as diarrhoea, malaria, etc.

*Useful for TOTs and MLWs.*

**IV.8 HEALTH EDUCATION**

**Delhi Administration, Delhi; UNICEF, 73, Lodi Estate, New Delhi 110 003; Directorate, Health and Family Welfare, Delhi Administration, Delhi; Gramin Vikas aur Panchayati Raj Vibhag, Government of Rajasthan, Jaipur; Municipal Corporation, New Delhi; ALCOM, New Delhi; UNDP-World Bank Water and Sanitation Program; CHETNA, Thaltej Road, Ahmedabad-380 054, Gujarat; Programme Support Unit, Indo-Dutch Cooperation, Akshay, 5th Floor, North Wing, 2, Sarojini Naidu Marg, Lucknow 226 001.**

These six posters deal with cleanliness, personal hygiene, clean food, use of dustbins, sanitation for better health, handpump for clean water, and women's role in development.

*Useful for teachers, MLWs, communicators, VHWs, women and children.*

**IV.9 JAL EVAM SWASTHYA MARGDARSHIKA (Hindi)**

**CHETNA, Drive-in Cinema Building, 3rd Floor, Thaltej Road, Ahmedabad 380 054, Gujarat. 37 pages.**

This booklet contains information, along with illustrations, on purification of water, prevention of water pollution, maintenance of taps and wells, purification of well water and water-borne diseases such as diarrhoea, malaria, etc.

*Useful for teachers and MLWs.*

- IV.10 JUST STIR GENTLY: THE WAY TO MIX HYGIENE EDUCATION WITH WATER SUPPLY AND SANITATION**
- Technical Paper Series No 29, Marieke T. Boot, IRC, International Water and Sanitation Centre, The Hague, The Netherlands, 1991. 171 pages.**
- The book contains information on various aspects of water supply and sanitation such as health behaviour, organisational set-up, programme development, investigation, target groups, communication and health education. It contains visuals and tables.
- Useful for policy-makers, TOTs and communicators.*
- IV.11 'MAKING THE LINKS': GUIDELINES FOR HYGIENE EDUCATION IN COMMUNITY WATER SUPPLY AND SANITATION**
- Occasional Paper Series No 5, Marieke T. Boot, IRC, International Water and Sanitation Centre, The Hague, The Netherlands, 1990. 82 pages.**
- This report aims to ensure the availability and use of appropriate knowledge and information on the treatment of dehydration, promotion of health in the community, prevention of water- and sanitation-related diseases, hygiene education and audio-visual slides for training.
- Useful for TOTs and MLWs.*
- IV.12 RESEARCH IN HEALTH EDUCATION GROUP**
- WHO, Geneva, Switzerland, 1969. 30 pages.**
- This report contains the proceedings of the discussions held during the meeting of the WHO scientific group on educational problems, preparation of research workers in health education and the recommendations of the group.
- Useful for large organisations, Training Institutes, policy makers and researchers.*
- IV.13 SWACHTA AUR SWASTHYA (Hindi)**
- Sanitation Water and Community Health Project, Udaipur, Rajasthan.**
- The set of 22 flip charts deals with the guineaworm, its life cycle, prevention, etc. It also explains the value of clean drinking water, use and maintenance of the handpump.
- Useful for engineers, MLWs, GLWs and women.*
- IV.14 TOWARDS BETTER HEALTH (Tamil)**
- UNICEF, Madras, Tamil Nadu.**
- The set of six flip charts are on the following topics with supporting visuals and instructions.
1. Sanitation and Disease;
  2. Waste Water and Cattle Dung/Garbage Disposal;
  3. Disposal of Human Excreta, Sanitary Latrines;
  4. Vector Control;
  5. Personal Hygiene;
  6. Home Sanitation.
- Useful for TOTs, MLWs and GLWs.*

#### **IV.15 TRAINERS HANDBOOK ON WATER, HEALTH AND SANITATION**

**N. Kamalamma, Department of Science and Technology, GOI, New Delhi. 150 pages.**

This book contains information on drinking water, intestinal parasites, human excreta disposal, waste water management, etc. It is supported by diagrams and pictures

*Useful for teachers and MLWs.*

#### **IV.16 WATER SUPPLY, SANITATION AND HYGIENE EDUCATION**

**K.A.A. Aziz et al, UNDP/World Bank, Washington, DC, USA, 1990. 91 pages.**

This book contains information on project methodology, intervention, data collection, impact of diarrhoeal diseases and nutritional status.

*Useful for planners, TOTs and MLWs.*

### **V. HEALTH FINANCE**

#### **V.1 ECONOMIC BENEFITS FROM IMPROVED RURAL WATER SUPPLY**

**Evelien M. Kamminga, IRC, International Water and Sanitation Centre, The Hague, The Netherlands, 1991. 30 pages.**

This booklet summarises the economic benefits that can result from improvements in water supply and sanitation. It gives a systematic and analytical review of current data with assessment of implications for incorporating these benefits in the planning and implementation process.

*Useful for PLWs and MLWs.*

#### **V.2 HUMAN RESOURCE DEVELOPMENT IN RURAL INDIA**

**National Technology Mission Program, Sulabh International, New Delhi, 1988. 38 pages.**

This report proposes a series of training programmes at the state, district, block and panchayat level in Bihar on human resource development. It also contains Sulabh International's training programme contents, cost estimate and program financing.

*Useful for policy-makers and TOTs.*

#### **V.3 PAYING THE PIPER: AN OVERVIEW OF COMMUNITY FINANCING OF WATER AND SANITATION**

**Occasional Paper Series No 18, Phil Evans, IRC, International Water and Sanitation Centre, PO Box 93190, 2509 AD, The Hague, The Netherlands, 1992. 46 pages.**

This booklet outlines the benefits of the improved water and sanitation situation for the community. Other key issues such as cost effectiveness, cost recovery and community financing are also discussed.

*Useful for planners, policy-makers and programme managers.*

## **VI. POLLUTION**

### **VI.1 ABSTRACTS OF RESEARCH PAPERS ON WATER AND SANITATION**

**Gandhigram Rural Trust, Gandhigram 624 302, Tamil Nadu. 4 pages.**

A brochure on research papers dealing with water supply, diarrhoeal diseases, pollution, worm infestations, sanitation programmes and waste water disposal in Tamil Nadu. It includes objectives, methods, findings and implications of water and sanitation programmes.

*Useful for research institutes, policy-makers and TOTs.*

### **VI.2 SANITARY WASTE TREATMENT AND VECTOR CONTROL**

**P.K. Das, National Seminar on Pollution Control, Vector Control Research Centre, Pondicherry, October 16-17, 1989. 8 pages.**

The paper discusses the environmental and biological methods used for the treatment and recycling of sanitary waste. Vectors associated with the treatment and disposal of different types of refuse and appropriate control strategies are briefly described.

*Useful for environmentalists, technicians and TOTs.*

### **VI.3 WATER AND POLLUTION (Tamil)**

**GRS Trust, Kalaikathir, P/B-8 Building, Avinashi Road, Coimbatore 641 037, Tamil Nadu; Vivekananda Kendra, Kanyakumari, Tamil Nadu.**

This article gives a detailed explanation about pollution of water-water borne diseases, their causes and prevention.

*Useful for MLWs, teachers, GLWs and children.*

## **VIa. Occupational Hazards**

### **VIa.1 CHEMICAL POLLUTION AND SOIL DEGRADATION**

**S. Deva Kumar, ASTHA, Walajapet, Tamil Nadu. 10 pages.**

The paper deals with pollution due to tannery effluents in Tamil Nadu — the nature of the problem, its effect on soil and water, health hazards, the Government's role, the international power game and preventive measures.

*Useful for NGOs, TOTs and MLWs.*

## **VII. PROGRAMME DEVELOPMENT**

### **VII.1 DIRECTORY OF VOLUNTARY AGENCIES**

**CAPART, Guru Nanak Foundation Building, New Mehrauli Road, New Delhi 110 067, 1989. 138 pages.**

The directory contains a list of addresses of voluntary organisations in India involved in rural development. The list is arranged in alphabetical order under each state.

*Useful for policy level, NGOs, TOTs and MLWs*

### **VII.2 DIRECTORY OF VOLUNTARY AGENCIES (FIRST SUPPLEMENT)**

**CAPART, Guru Nanak Foundation Building, New Mehrauli Road, New Delhi 110 067, 1988. 88 pages.**

The directory contains a list of addresses of voluntary organisations in India involved in rural development.

*Useful for large NGOs, policy-level personnel and MLWs.*

### **VII.3 DIRECTORY OF VOLUNTARY AND OTHER ORGANISATIONS IN RURAL DEVELOPMENT (VOLUME XVII)**

**Madhu S. Mishra, Indian Institute of Management, Joka, Diamond Harbour Road, Post Box No 16757, Calcutta 700 027, 1991. 225 pages.**

The directory contains a list of organisations in India engaged in rural development. A brief profile of 65 such voluntary and other organisations is given in alphabetical order.

*Useful for government departments, national and international organisations working in the developmental field.*

### **VII.4 MAN AND HIS MISSION**

**Bindeshwar Pathak, Sulabh International, New Delhi, 1991. 206 pages.**

The book contains the history and activities of Sulabh International. It also gives opinions of the media, photographs and sample articles by Dr Pathak.

*Useful for NGOs and researchers.*

### **VII.5 POTENTIAL COLLABORATORS FOR A TRAINING PROGRAMME: A RESOURCE LIST**

**Sudhur Mehra, UNDP/World Bank Water & Sanitation Program, New Delhi, 1990. 41 pages.**

This book gives a list of collaborators, training institutions and NGOs in terms of their abilities and experience in relevant areas. The training materials produced by these organisations and individuals are also listed.

*Useful for voluntary agencies, international and governmental organisations.*

## VII.6 SANITATION AND WATER SUPPLY: PRACTICAL LESSONS FROM THE DECADE

**Sandy Cairncross, The International Bank for Reconstruction and Development, World Bank, 1818 H Street, NW, Washington, DC 20433, USA, 1992. 63 pages.**

The book contains information on programme development, choosing hardware, meeting costs, promotional methods and the role of donors. It discusses issues and approaches that have been taken to provide low-cost waste disposal facilities to poor communities in developing countries.

*Useful for policy-makers and large organisations.*

## VII.7 THAR KA PARYAVARAN KAISE BACHAYEN (Hindi)

**Gramin Vikas Vigyan Samiti, Post Jelugagadi, District Jodhpur, Rajasthan. 20 pages.**

Contains information on desert management. It also highlights the environmental problems of the Thar desert.

*Useful for NGOs, MLWs and GLWs.*

## VII.8 WATER AND SANITATION PRIORITIES FOR THE 1990s

**Organised by the International Centre for Diarrhoeal Disease Research (ICDDR)/Swedish Development Cooperation, November 23-26, 1991. 39 pages.**

- The report contains the goals and objectives of the workshop. A definition of the problem, applied research in water supply and sanitation and inter-country collaboration. It also presents the activities and findings of the workshops

*Useful for large organisation and policy-makers.*

## VIIa. Programme Implementation

### VIIa.1 ACHIEVING SUCCESS IN COMMUNITY WATER SUPPLY AND SANITATION PROJECTS

**World Health Organization, Regional Office for South East Asia, New Delhi, 1985. 67 pages.**

The report identifies the problems faced in the implementation of water supply and sanitation projects. It also gives a step-wise planning procedure for community water and sanitation projects.

*Useful for planners, facilitators and supervisors.*

### VIIa.2 COMMUNITY SELF-IMPROVEMENT IN WATER SUPPLY AND SANITATION: A TRAINING AND REFERENCE MANUAL FOR COMMUNITY HEALTH WORKERS, COMMUNITY DEVELOPMENT WORKERS AND OTHER COMMUNITY-BASED WORKERS

**Training Series No 5, International Water and Sanitation Centre, PO Box 93190, 2509 AD, The Hague, The Netherlands, 1988. 177 pages.**

The manual gives ideas and information to users on the ways and means of working with the community. It also gives a number of simple and illustrated self-help solutions.

*Useful for MLWs and GLWs.*



### **VIIa.3 NGO NETWORKING FOR SANITATION PROGRAMME**

**Organised by AFPRO/CAPART/UNICEF, at Surajkund, Haryana, November 21-23, 1988; AFPRO, 25/1A, Institutional Area, Pankha Road, D Block, Janakpuri, New Delhi 110 058, 1989. 44 pages.**

This workshop report documents strategies and technologies which NGOs have used to implement sanitation programmes. Papers presented were on topics such as assistance to voluntary organisations, low-cost sanitation, NGO networking, training, community participation and developing material for communication.

*Useful for NGOs, TOTs and communicators.*

## **VIIb. Monitoring and Evaluation**

### **VIIb.1 DRINKING WATER SUPPLY SURVEILLANCE**

**Jaimie Bartram, Robens Institute, University of Surrey, Guildford, Surrey, GU2 5XH, UK, 1990. 16 pages.**

This book explains how surveillance leads to improved water supplies and the resources that are required. The explanations are made with the help of illustrations.

*Useful for supervisors and MLWs.*

### **VIIb.2 EVALUATION OF LOW-COST SANITATION**

**Bakshi D. Sinha, et al, Arnold Publishers, AB/9, Safdarjung Enclave, New Delhi 110 029, 1990. 144 pages.**

This study evaluates the scheme of liberation of scavengers, conversion of dry latrines into flush latrines and assessing the impact of these schemes on the overall change and development.

*Useful for policy-makers, planners and MLWs.*

### **VIIb.3 IMPROVED SANITATION AND ENVIRONMENTAL HEALTH CONDITIONS: AN EVALUATION OF SULABH INTERNATIONAL'S LOW-COST SANITATION PROJECT IN BIHAR**

**Edgar F. Riberro, Sulabh International, Patna, Bihar, 1987. 44 pages.**

This is an evaluation study of Sulabh International's project in Bihar. It is supported by photographs and diagrams.

*Useful for NGOs, policy-makers and TOTs.*

### **VIIb.4 A MONITORING AND EVALUATION MANUAL FOR LOW-COST SANITATION PROGRAMME IN INDIA**

**Ronald Parlto, Technology Advisory Group (TAG), The International Bank for Reconstruction and Development, World Bank, 1818 H Street, NW, Washington, DC 20433, USA, 1984. 80 pages.**

This is a monitoring and evaluation manual based on the field work done in India. It provides a methodological framework for detailed evaluation designs and monitoring systems.

*Useful for government departments, donor agencies and programme managers.*

**VIIb.5 SANITATION AND ENVIRONMENT (EVALUATION OF LOW-COST SANITATION IN GUJARAT)**

**Bakshi D. Sinha, Arun K. Ghosh and Vazirani Gubab for Arnold Publishers, AB/9 Safdarjung Enclave, New Delhi 110 029, 1991. 127 pages.**

This study discusses the achievements and experiences of a low-cost sanitation project in Gujarat. It contains information such as background effectiveness, impact of the scheme, organisational and management structure, case studies of scavenger communities and related statistics.

*Useful for planners and TOTs.*

**VIIb.6 WORKSHOP ON GOALS AND INDICATORS FOR MONITORING AND EVALUATION FOR WATER SUPPLY AND SANITATION**

**UNDP; WHO, Geneva, Switzerland, June 25-29, 1990. 48 pages.**

The report discusses monitoring and evaluation at community level, national and global monitoring, planning, implementation and participatory evaluation and contains illustrations and labels

*Useful for NGOs, planners and TOTs.*

**VIII. SCHOOL HEALTH**

**VIII.1 AADUVOMAE PALLU PADUVOMAE (Tamil)**

**Vivekananda Kendra, Kanyakumari, Tamil Nadu.**

An audio cassette of Tamil songs set to folk tunes dealing with environment, water, health, etc.

*Useful for TOTs, GLWs, women and children.*

**VIII.2 AAHWAN SWACHTA KA: SCHOOL SANITATION PROGRAMME — AN EXPERIENCE (Hindi)**

**MNIO, UNICEF, 73, Lodi Estate, New Delhi 110 003. 32 pages.**

The book contains details on the participatory approach to planning. It gives instructions to teachers and lists out activities on the school and community meetings. It contains scripts of songs, dramas, skits, etc, produced by a school.

*Useful for teachers, communicators and children.*

**VIII.3 APNA HATH DHO AAO (Hindi); 15 minutes.**

An audio cassette of Hindi songs on cleanliness and personal hygiene such as brushing of teeth, bathing, cutting nails, washing and combing hair.

*Useful for TOTs, GLWs, women and children.*

**VIII.4 CALL FOR SANITATION**

**MNIO, UNICEF, New York, USA. 32 pages.**

The book contains information on school sanitation. It is an instruction manual for teachers along with songs, drama and dance drama.

*Useful for teachers, communicators and children.*

- VIII 5 a. **FROM PUMPS TO PEOPLE**  
b. **SANITATION SPOTS; 5 minutes.**  
c. **HUM PANCHHI SPOTS; 2 minutes.**  
d. **NUKKAD SPOTS; 2 minutes.**  
e. **HANDPUMP SPOTS, 5 minutes.**

**UNICEF, 73, Lodi Estate, New Delhi 110 003.**

A video cassette showing the importance of cleanliness, preparation of ORS solution, personal hygiene and the installation of the India Mark II handpump.

*Useful for TOTs, GLWs, women and children.*

**VIII.6 LOOK LIVE LEARN: A MOBILE CRECHES MANUAL ON FUN-FILLED LEARNING**

**Aga Khan Foundation India; India Book House Pvt Ltd, Eruchshaw Building, 249 Dr Dadabhai Naoroji Road, Bombay 400 001, Maharashtra, 1991. 46 pages.**

An illustrated manual on various aspects of water and sanitation.

*Useful for TOTs, teachers and children.*

**VIII.7 MEDIA WORKSHOP ON SANITATION**

**UNICEF; Delhi Administration, New Delhi, April 25-26, 1991.**

The background kit for the workshop contains a variety of communication materials such as handouts, booklets, flashcards, audio and video cassettes, posters, games and songs on various aspects of water and sanitation.

*Useful for TOTs, communicators, MLWs and teachers.*

**VIII.8 MINNI AUR KAKU KE GEET (Hindi)**

**Renu Ghosh, UNICEF, 73, Lodi Estate, New Delhi 110 003. 40 pages.**

The book contains songs for children on hygienic habits and use of pure water. With illustrations.

*Useful for GLWs and children.*

**VIII.9 PANI KI KAHANI (Hindi)**

**UNICEF, 73, Lodi Estate, New Delhi 110 003. 30 minutes.**

The video cassette is a song and drama presentation of a fictitious story on the eradication of diarrhoea and the guineaworm with increased personal hygiene and the use of the handpump.

*Useful for TOTs, GLWs, women and children.*

**VIII.10 PERSONAL HYGIENE — ROLE OF ANGANWADI WORKERS**

**UNICEF, 73, Lodi Estate, New Delhi 110 003.**

The set of 92 slides, accompanied by an audio cassette, deals with health and hygiene; preparation of ORT solution for diarrhoea; cleanliness and use of latrines.

*Useful for MLWs, teachers, GLWs, AWWs, women and children.*

### **VIII.11 PROMOTION OF SANITATION IN PRIMARY SCHOOLS**

**UNICEF, 73, Lodi Estate, New Delhi 110 003, 1990. 27 pages.**

The manual highlights the importance of latrines in schools. It also focusses on aspects such as types of latrines, construction, maintenance, cost and material requirement.

*Useful for teachers, students, MLWs and GLWs.*

### **VIII.12 SANITATION KIT FOR MOTIVATORS**

**CHETNA and UNICEF.**

A kit containing different types of communication materials such as booklets, rotary disc, games, etc on hygiene, latrines, chullah and soakage pits.

*Useful for TOTs, MLWs, teachers, communicators and children.*

### **VIII.13 SCHOOL KI SWACHTA (Hindi)**

**UNICEF, 73, Lodi Estate, New Delhi 110 003, 1988. 12 pages.**

A booklet containing tips for keeping the school environment clean, maintenance of toilets, clean drinking water, etc.

*Useful for teachers, GLWs and children.*

### **VIII.14 SCHOOL SANITATION**

**UNICEF, 73, Lodi Estate, New Delhi 110 003, 1988. 12 pages.**

The booklet deals with environmental sanitation, school latrine, waste water, garbage disposal and protection of the water source. Supported by pictures.

*Useful for TOTs, MLWs, teachers and children.*

### **VIII.15 SEMINAR MATERIALS ON WATER CONSERVATION — NEERVALAM KAAPOME (Tamil)**

**Dindigul Environmental Centre, 299, NGO Colony, Dindigul 624 009, Tamil Nadu.**

The booklet contains the curriculum and lessons for children from Classes V to VIII which includes the importance of water, its usage, types of water and case studies on water conservation from different regions.

*Useful for TOTs, teachers and children.*

### **VIII.16 VIDHYALAYA SWACHTA KARYAKRAM**

**Rural Sanitation Cell, Development and Panchayat Department, Haryana, Chandigarh. 6 pages.**

A health manual on personal hygiene, cleanliness, latrines and sanitation, with illustrations.

*Useful for teachers, MLWs and GLWs.*

### VIII.17 VYAKTIGAT SWACHTA (Hindi)

**Medical and Health Services, Rajasthan.**

This is an information, education, communication and training pamphlet about personal hygiene and cleanliness, supported by illustrations.

*Useful for MLWs and GLWs.*

### VIII.18 WATER AND SANITATION — SCHOOL GUIDE

**Centre for Health Education Training and Nutrition Awareness (CHETNA), 3rd floor, Drive-in Cinema Building, Thaltej Road, Ahmedabad 380 054, Gujarat. 20 pages.**

This booklet gives detailed information about the necessity of waterseal latrines, the use and maintenance of water tanks, with pictures and illustrations.

*Useful for teachers, MLWs and GLWs.*

### VIII.19 WHY IS THE CAT SO HEALTHY?

**Sanitation Water and Community Health Project, Udaipur, Rajasthan. 10 pages.**

This booklet describes personal hygiene, cleanliness, sanitation and comparison between man and cat in terms of cleanliness. Presented in a cartoon format.

*Useful for MLWs, teachers and VHWs.*

## IX. TECHNOLOGY

### IX.1 AAP KA DOST AAPKE GAON KA HANDPUMP

**UNICEF, 73, Lodi Estate, New Delhi. 28 pages.**

This booklet talks about a handpump: as a source of drinking water, how it works, its maintenance, waste water management and construction of soak pits. It is supported by illustrations.

*Useful for MLWs and teachers.*

### IX.2 CONTRIBUTIONS OF INDUSTRIAL TOXICOLOGY RESEARCH CENTRE TO THE RAJIV GANDHI NATIONAL DRINKING WATER MISSION (1986-91)

**S.P. Pathak, P.W. Ramtake et al, Industrial Toxicology Research Centre, Council of Scientific and Industrial Research, Post Box No 80, Mahatma Gandhi Marg, Lucknow, Uttar Pradesh, 1992. 52 pages.**

This report gives a brief account of the activities undertaken by ITRC during 1986-91 under the Rajiv Gandhi National Drinking Water Mission. It also enumerates some of the water technologies developed by the ITRC.

*Useful for policy-makers and MLWs.*

- IX.3 CONVERSION OF BUCKET PRIVIES INTO SANITARY WATER SEAL LATRINES**  
**A National Seminar convened by the GOI, WHO and UNICEF in Patna, Bihar, May 25-27, 1978; WHO Regional Office for South East Asia, Indraprastha Estate, New Delhi 110 002. 17-23 pages.**  
 The paper contains an appraisal of Sulabh International's programme in Bihar. It describes the programme implementation, methodology, community participation and financial implications.  
*Useful for large organisations and policy-makers.*
- IX 4 EVALUATION STUDY OF LOW-COST POUR-FLUSH WATERSEAL LATRINE PROGRAMME IN URBAN COMMUNITIES IN BIHAR**  
**Z. Ahmad, 1981. 58-60 pages.**  
 Since people are ignorant of the mode of conversion of dry latrines due to lack of resources, this study suggests ways and means of meeting people's needs and bridging the communication gap.  
*Useful for planners.*
- IX.5 HANDPUMPS**  
**UNICEF, 73, Lodi Estate, New Delhi 110 003. 4 photographs.**  
 The photographs show handpumps in the community and how these pumps are being used by the community women.  
*Useful for all levels.*
- IX.6 AN INNOVATIVE APPROACH TO PROVIDE RURAL SANITATION**  
**Bindeshwar Pathak, Sulabh International, Gandhi Maidan, Patna 800 001, Bihar. 12 pages.**  
 The booklet gives details on the advantages and disadvantages of sewerage systems and septic tanks. The importance of the Sulabh Shauchalaya is explained in detail. Details of Sulabh International's training programme — orientation course, training of trainers, motivators' training, certificate course in sanitation, post graduate diploma in sanitation and PhD as well.  
*Useful for MLWs.*
- IX.7 INSTRUCTION MANUAL FOR LOW-COST LATRINE (Tamil)**  
**Institute of Public Health, Poonamalee, Madras 600 056, Tamil Nadu. 12 pages.**  
 A booklet developed by the IPH for constructing low-cost latrines. Supported by visuals and instructions for maintenance. Points on personal hygiene are also given.  
*Useful for TOTs, masons and youth.*
- IX 8 MOBILE WATER TESTING LABORATORY FOR QUALITY AND SAFETY OF RURAL DRINKING WATER**  
**Industrial Toxicology Research Centre, Lucknow; Water Mission Directorate, Department of Rural Development, Government of India.**  
 A bilingual (English and Hindi) brochure on the services rendered by the mobile lab, and the facilities available at and analysis performed by the lab for testing the quality of water.  
*Useful for technical and research personnel.*

## IX.9 NATIONAL TECHNOLOGY MISSION ON DRINKING WATER

**Department of Rural Development, Ministry of Agriculture, Government of India, 1988. 20 pages.**

Contains the objectives of the Mission, with the names of districts, programmes and financing, etc. Supported by charts and tables.

*Useful for NGOs, TOTs and MLWs.*

## IX.10 ON-SITE SANITATION: BUILDING ON LOCAL PRACTICE

**Occasional Paper Series No 16, Madeleen Wegelin-Schuringa, IRC International Water and Sanitation Centre, PO Box 93190, 2509 AD, The Hague, The Netherlands, 1991. 74 pages.**

This report aims to ensure the availability and use of appropriate knowledge and information about sanitation, sanitary improvements, introducing new facilities, dry systems and wet systems with detailed illustrations.

*Useful for engineers, fitters, mechanics and other people involved in installation and maintenance.*

## IX.11 PANI KA CHIKITSA ME MAHATWA (Hindi)

**Kumarappa Gram Swarajya, B-190, University Marg, Babu Nagar, Jaipur, Rajasthan.**

This leaflet explains the importance of water. It also enumerates how water can be used for the treatment of various diseases

*Useful for MLWs, teachers and GLWs.*

## IX.12 PANI KI GUNWATTA — SWASTHYA EVAM SAMUHIK SHIKSHA (Hindi)

**Samanvit Naru Unmulan Pariyojana; UNICEF, Government of Rajasthan. 19 pages.**

This booklet describes how to install a handpump, its use and maintenance, importance of water, sources of water, water-borne diseases, cleanliness of water and community education on India and information on the MarkII handpump.

*Useful for MLWs and GLWs.*

## IX.13 RECOMMENDATIONS OF THE NATIONAL WORKSHOP ON WATER QUALITY MONITORING AND SURVEILLANCE; JUNE 29-30, 1990. 2 PAGES.

The paper gives information on the improvements that can be made in the monitoring of water quality from tubewells, surface water sources and open wells.

*Useful for policy-makers and technicians.*

## IX.14 REPORT ON GEOHYDROLOGICAL INVESTIGATIONS

**Conducted for Grama Seva Kendra in Vemmani village, Pudukottai district, Tamil Nadu, by Gram Seva Kendra, Madurai 622 515, Tamil Nadu; AFPRO, Janakpuri, New Delhi 110 058, 1991. 18 pages.**

A research report, which includes cost estimates for digging of wells; results of soil and water samples; quality and analysis of water.

*Useful for policy-makers and engineers.*

**IX.15 SAFAI MARGDARSHIKA (Hindi)**

**Ishwar Bhai Patel, Rashtriya Gandhi Janam Shatabdi Samiti, Gandhi Smarak Nidhi, Rajghat, New Delhi 110 002, 1970. 191 pages.**

This book explains the construction of septic tanks, different types of latrines and smokeless chullahs. It is supported by technical drawings with specifications.

*Useful for technicians, TOTs and GLWs.*

**IX.16 SAFE WATER THROUGH DEEP BOREWELL HANDPUMP**

**UNICEF, South East India Office, Hyderabad, Andhra Pradesh. 160 pages.**

This technical manual explains the selection of sites and the construction of tubewells. It also explains in detail, with illustrations, the development, design, anatomy, installation, operation, maintenance and related aspects of tubewells.

*Useful for engineers, fitters, mechanics and other people involved in the installation and maintenance of India Marks II handpumps.*

**IX.17 SANITARY LATRINE: A GUIDEBOOK**

**Integrated Rural Sanitation and Water Supply Project, DRD/Danida, Project Advisory Group, 40, Chamiers Road, Madras 600 018, Tamil Nadu. 8 pages.**

An illustrated booklet on the function, use, maintenance and cleaning of latrines. It also includes comments from users.

*Useful for MLWs.*

**IX.18 SCIENCE AND TECHNOLOGY: DRINKING WATER AND SANITATION SCIENCE AND TECHNOLOGY FOR WOMEN**

**Department of Science and Technology, New Delhi; Reprinted by Voluntary Health Association of India, 40, Institutional Area, near Qutab Hotel, South of IIT, New Delhi 110 016. 52 pages.**

The booklet contains information together with illustrations on charcoal water filter, traditional water purifying seeds, trench lavatory and soakpits.

*Useful for MLWs and GLWs.*

**IX.19 SULABH SHAUCHALAYA POUR-FLUSH WATERSEAL LATRINE**

**Sulabh International (Consultancy and Technical Research Division), D-168, Defence Colony, New Delhi 110 024, 1989.**

A brochure on the advantages of the Sulabh Shauchalaya. It includes explanations on the operation and maintenance of the Sulabh Shauchalaya along with diagrams. It also explains how environmental pollution can be reduced by using the Sulabh Shauchalaya.

*Useful for TOTs and MLWs.*



- IX.20 SURVEILLANCE SOLUTIONS TO MICROBIOLOGICAL PROBLEMS IN WATER QUALITY CONTROL IN DEVELOPING COUNTRIES**  
**B.J. Lloyd and J.K. Bartram, 'Water Science Technology' Vol 24, No 2, 1991. 61-75 pages.**  
This paper discusses standard water quality control methods developed over almost a century in Europe and North America. It is supported by visuals and drawings.  
*Useful for policy-makers, TOTs and technicians.*
- IX.21 TEXT FOR FLIP CHART: FOR USE IN THE INDIA MARK-II HANDPUMP CARETAKER TRAINING PROGRAM**  
A set of 51 flip charts giving detailed information on the India Mark-II handpump, its use and maintenance and the importance of keeping the surrounding area clean.  
*Useful for TOTs, MLWs and masons.*
- IX.22 TOWARDS BETTER HEALTH: WATERSEAL LATRINE**  
**UNICEF, 73, Lodi Estate, New Delhi 110 003, 1987. 10 pages.**  
Instruction booklet on the materials required, design, costing and technical drawings on waterseal latrines.  
*Useful for TOTs and masons.*
- IX.23 AN UNCOMMON REMEDY TO A COMMON PROBLEM**  
**Gandhigram Institute of Rural Health and Family Welfare Trust, Dindigul, Tamil Nadu. 37 slides.**  
A set of slides which gives an overview of the prevailing water and sanitation scenario. It also includes slides on how to plan a programme in the village, how to motivate people for building sanitary latrines and follow-up action.  
*Useful for TOTs, MLWs, teachers and masons.*
- IX.24 USE AND MAINTENANCE OF THE WATERSEAL LATRINE**  
**UNICEF, 73, Lodi Estate, New Delhi 110 003, 1988. 27 pages.**  
This booklet gives detailed information on how to use waterseal latrines, maintenance and sanitation; the parts of a waterseal latrine and how to make one. It is supported by illustrations.  
*Useful for engineers, MLWs and GLWs.*
- IX.25 WATER AND ENGINEERING: TECHNICAL INFORMATION**  
**Bulletin No 001 to 005, UNICEF, Supply Division, UNICEF Plads, Freeport, DK-2100, Copenhagen, Denmark. 23 pages.**  
Bulletins on hydraulic fracturing, how it works and where to use it, resistivity measuring, lubrication and drilling, pumping sets, etc, along with visuals.  
*Useful for technicians and TOTS.*

- IX.26 a. **WATER TESTING FIELD KIT — MK-II; 1 page**  
b. **WATER STERILISING OUTFIT FOR SNOWBOUND AREAS; 1 page**  
c. **WATER DESERT DESALTING KIT; 1 page**

**Defence Research and Development Organisation, Defence Laboratory, Ratanda Palace, Jodhpur 342 001, Rajasthan.**

The handouts explain the three kits:

- to assess the chemical and bacteriological quality of drinking water in villages and field areas.
- to convert snow-melted water into mineralised water of acceptable standards.
- to convert brackish water into potable water

The addresses of outlets where the kits are available are also provided.

*Useful for NGOs, technicians and MLWs.*

IX.27 **YOU AND YOUR HANDPUMP (Tamil)**

**National Drinking Water Mission; UNICEF, 73, Lodi Estate, New Delhi 110 003. 4 pages.**

Booklet with visuals on the maintenance of handpumps and clean drinking water.

*Useful for GLWs, children and women.*

**IXa. Appropriate Technology**

IXa.1 **DO-IT-YOURSELF RURAL TOILETS**

**Felix A. Ryan, RYFO Do-it-yourself Series No 10, Ryan Foundation, 8 West Mada Street, Srinagar Colony, Madras 600 015, Tamil Nadu, 1992. 15 pages.**

The booklet contains technical information on the construction of toilets, paint for glaze effect, rural sewer, mixture for mortars, etc.

*Useful for TOTs, masons and youth.*

- IXa.2 i. **FROM PUMPS TO PEOPLE**  
ii. **SANITATION SPOTS; 5 minutes.**  
iii. **HUM PANCHHI SPOTS; 2 minutes.**  
iv. **NUKKAD SPOTS; 2 minutes.**  
v. **HANDPUMP SPOTS; 5 minutes.**

**UNICEF, 73, Lodi Estate, New Delhi 110 003.**

A video cassette showing the importance of cleanliness, preparation of ORS solution, personal hygiene and installation of India Mark-II handpumps.

*Useful for TOTs, GLWs, women and children.*

IXa.3 **HOW DRINKING WATER WAS PURIFIED IN ANCIENT TIMES IN INDIA**

**Centre for Science and Environment, New Delhi. 2 pages.**

The paper describes three types of purification methods for ruined, turbid and poisoned water from the 'Sushruta Samhita'.

*Useful for research institutes and MLWs.*

#### **IXa.4 SIMPLE STILLS FOR THE RURAL POOR**

**Felix A. Ryan, RYFO Do-it-yourself Series No 20, Ryan Foundation, 8 West Mada Street, Srinagar Colony, Madras 600 015, Tamil Nadu, 1992. 4 pages.**

The booklet contains instructions on two processes of desalination of water with minimum investment.

*Useful for MLWs, GLWs and women.*

### **X. TRAINING**

#### **X.1 ANGANWADI SANITATION**

**UNICEF, 73, Lodi Estate, New Delhi 110 003. 1989. 21 pages.**

The booklet deals with sanitation, diarrhoea, diseases, their sources and transmission, protection of drinking water, food and cleanliness of anganwadi centres, along with pictures on each page.

*Useful for TOTs, MLWs, AWWs and women.*

#### **X.2 BASTI SEVIKA SWASTHYA SHIKSHA AUR NIDESH PUSTIKA (Hindi)**

**Kamala Ganesh, Department of Pediatrics, Maulana Azad Medical College, Society for Action in Community Health, D-1, Gulmohar Park, New Delhi. 46 pages.**

The booklet contains sample instructions for parents and slum workers on immunisation, diarrhoea, child nutrition, etc.

*Useful for MLWs, GLWs, slum workers and women.*

#### **X.3 MAGNITUDE OF THE PROBLEM IN INDIA AS OF 1985 — WATER AND SANITATION**

**UNICEF, 73, Lodi Estate, New Delhi 110 003.**

A set of 25 flashcards on the water and sanitation situation. It includes flash cards on statistics, water-borne diseases, appropriate technology, training to workers, etc.

*Useful for NGOs, supervisors, TOTs and MLWs.*

#### **X.4 MANUAL FOR THE GRAM SEVIKA IN DWCRA**

**Ministry of Rural Development. Krishi Bhawan, New Delhi 110 001, 1990. 181 pages.**

The manual contains explanations on the need for women's development programmes, participatory planning, organisation of women's groups, team-building, health issues, etc.

*Useful for MLWs, GLWs and women.*

#### **X.5 PROMOTING HEALTH IN THE HUMAN ENVIRONMENT**

**Evelyn E. Merger, WHO, Geneva, Switzerland, 1975. 69 pages.**

Report on technical discussions held during the world health assembly. It contains information on personal hygiene, social problems, role of health services, with recommendations

*Useful for large organisations and PLWs.*

- X.6 PROSPECTUS OF DIPLOMA AND CERTIFICATE COURSES, 1987-1988**  
**Agriculture, Sanitary Science, Biogas and Renewable Energy and Sanitary Inspectors' Course, Gandhigram Rural Institute, Gandhigram 624 302, Anna district, Tamil Nadu.**  
 A brochure with complete details on the courses, subjects covered, eligibility, duration, fees, etc.  
*Useful for training institutes, TOTs, MLWs and students.*
- X.7 RURAL SANITATION AND WATER SUPPLY — AN INTEGRATED APPROACH**  
**Project Advisory Group, Integrated Rural Sanitation and Water Supply Project, 40, Chamiers Road, Madras 600 018, Tamil Nadu. 42 pages.**  
 A trainers' manual with technical details and information on the use and maintenance of latrines and owners' responsibilities. It also includes instructions on the proper use of latrines and use of communication materials.  
*Useful for TOTs and MLWs.*
- X.8 SHASKIYE KAMYUNITI POLITEKNIK (HINDI)**  
**Gramin Soochna Patrak, Bhaira Lal Sharma et al, Samudayik Vikas Yojana Prakashtha, Durg, Madhya Pradesh. 28 pages.**  
 This booklet gives detailed information about diploma courses on civil, mechanical and electrical engineering.  
*Useful for teachers, MLWs and GLWs.*
- X.9 TRAINING COURSE ON PUBLIC HEALTH AND HYGIENE — HEALTH & RURAL SANITATION**  
**Handouts:**
- a. **Water for child survival and development; K. R. Antony, 5 pages.**
  - b. **Incidence of water-borne diseases; P.L.K.M Rao, 8 pages.**
  - c. **Incidence of fluorides in drinking water; P.L.K.M Rao, 8 pages.**
  - d. **Low-cost sanitary facilities; Y. Narasimhaiah, 3 pages.**
  - e. **Environmental pollution and control; K. Srinivasan, 8 pages.**
- AFPRO, UNICEF, APVHA, WDS; APVHA, Secunderabad, Andhra Pradesh, 1989**  
 All the handouts deal with technical aspects of water such as standards, tests, incidences, pollution control, etc.  
*Useful for PLWs, engineers, technicians and TOTs.*
- X.10 TRAINING**  
**Integrated Rural Sanitation and Water Supply Project, Danida, 40, Chamiers Road, Madras 600 018, Tamil Nadu; UNDP/World Bank Water and Sanitation Program. 2 posters.**  
 The posters explain the integrated approach to social welfare, teamwork, people's participation and motivation.  
*Useful for TOTs, supervisors and MLWs.*

**X.11 TRAINERS' HANDBOOK ON WATER, HEALTH AND SANITATION**

**N. Kamamma, Department of Science and Technology, GOI, New Delhi. 150 pages.**

The book contains information on drinking water, intestinal parasites, human excreta disposal and waste water management. The written information is supported by diagrams and pictures.

*Useful for teachers and MLWs.*

**X.12 TRAINING MODULES IN HYGIENE AND SANITATION FOR ICDS**

*A set of 40 flip charts.*

The flip charts are on the causes of water-related diseases: causes, spread, treatment and prevention of diarrhoea. Sanitary practices, pollution of water, immunisation, disposal of water, low-cost sanitary latrines are also shown.

*Useful for TOTs, MLWs, teachers, ICDS personnel, women and children.*

**X.13 TRAINING MODULES IN HYGIENE AND SANITATION — FOR TRAINERS**

**UNICEF, 73, Lodi Estate, New Delhi 110 003. A set of 9 flip charts.**

These flip charts deal with the methodology of training: objectives of the trainers, format for monthly evaluation form, and progress report of AWWs and supervisors. The flip charts also explain chlorination of water, child care, causes and prevention of diarrhoea.

*Useful for NGOs, training institutes, TOTs, MLWs and teachers*

**X.14 TRAINING OF MASONS AND ENGINEERS**

- a. **Construction of school latrines (6-day course)**
- b. **Pour-flush water-seal latrines (6-day course)**
- c. **Foundation course in sanitation and social work (1 month)**
- d. **Sanitation, health and social work (10 days)**

**Sulabh Institute for Human Resource Development, Sulabh Centre for Action Sociology, RZ-83, Mahavir Enclave, Palam Dabri Road, New Delhi 110 045.**

Brochures on the above courses.

*Useful for engineers, masons, TOTs and MLWs.*

**X 15 WATER, HEALTH AND SANITATION**

**Indian Institute of Training and Development, Village Kalva, PO Joka, PS Thakurpukur, District 24 Parganas (South), West Bengal.**

A brochure on the programme run by the Institute with details of objectives, course content, teaching methods and other details.

*Useful for NGOs, training institutes, TOTs and MLWs.*

**X.16 WORKSHOP ON WATER, SANITATION AND HYGIENE**

**Handouts:**

- a. **People's involvement in the maintenance of rural water supply scheme; Y. Narasimhaiah, 3 pages.**
- b. **Past present and future rural sanitation; A. Krupa Rao, 3 pages.**
- c. **Role of UNICEF in drinking water programme in India; T. Kanagarajan, 5-8 pages.**
- d. **Community participation in water supply and sanitation projects; T. Kanagarajan, 3 pages.**
- e. **Water-borne diseases — importance of sanitary latrines; P. Venkat Reddy, 2 pages.**

**AFPRO, APVHA and WDS; at APVHA, Secunderabad, Andhra Pradesh, August 1-5, 1989; AFPRO, Janakpuri, New Delhi 110 058. 5 handouts.**

The handouts are on people's participation in the water and sanitation programmes including information on diseases.

*Useful for MLWs and teachers.*

**X.17 WORKSHOP ON WATER, SANITATION AND HYGIENE**

**Handouts:**

- a. **Low-cost sanitary facilities; Y. Narasimhaiah, 4 pages.**
- b. **Overview water and sanitation, 4 pages.**
- c. **Maintenance of community toilets and low-cost sanitation programme, Hamid Ahmed, 2 pages.**
- d. **Water resources and sanitation; M. Srinivas, 5 pages.**
- e. **Community education and participation; 3 pages.**
- f. **Health education in rural water supply and sanitation programme — its role and significance; Rebecca K. Katticaren, 5 pages.**
- g. **Our cities and industries — blessing or curse in disguise; 6 pages.**
- h. **Education and approaches to communities; 3 pages.**
- i. **Rural water supply in Andhra Pradesh; C. N. Suresh, 12 pages + annexure.**
- j. **Role of Sulabh International in the Netherlands assisted project of rural water supply in Andhra Pradesh; 3 pages.**
- k. **Water for the world; 6 pages.**
- l. **Water management for the needs of the people; B. E. Vijayam, 3 pages.**
- m. **Water-borne communicable diseases — prevention measures; Anjaneyalu, 4 pages.**

**Conducted by APVHA, Secunderabad, AP; and AFPRO, Janakpuri, New Delhi 110 058. July 27-29, 1988. 13 handouts.**

*Useful for training institutes, TOTs, MLWs and teachers.*

**X.18 YOUTH CAMPS — CURRICULUM ON ENVIRONMENT**

**Vivekananda Kendra, Village Development Plan, Vivekananda Puram, Kanyakumari 629 702, Tamil Nadu, 1985. 26 pages.**

The booklet contains objectives of youth camps, roles, water situation, tree plantation, land, availability of water, forests, etc.

*Useful for TOTs, teachers, MLWs and youth.*

## **XI. URBAN BASIC SERVICES**

### **XI.1 ANNUAL REPORT**

**Ministry of Urban Development, New Delhi, 1991-92. 72 pages.**

The report is primarily on housing, urban development, water supply and sanitation and town and country planning.

*Useful for PLWs and NGOs.*

### **XI.2 INTERNATIONAL SEMINAR ON BASIC AMENITIES IN THE CONTEXT OF RAPID URBANISATION: DRINKING WATER AND SANITATION ISSUES**

**Institute of Social Sciences (ISS), New Delhi, Hotel Kanishka, New Delhi, November 14- 16, 1991; ISS, B7/18, Safdarjung Enclave, New Delhi 110 029. 23 pages.**

These are the proceedings of the seminar on urban health, financing water supply and sanitation, garbage management, urban basic services, people's participation, etc.

*Useful for large organisations, NGOs and PLWs.*

### **XI.3 SPOTLIGHT ON THE CITIES: IMPROVING URBAN HEALTH IN DEVELOPING COUNTRIES**

**D. Tabibzadeh et al, WHO, Geneva, Switzerland, 1989. 174 pages.**

The book contains information on urban crisis, urban health systems, community involvement, national strategies, collaboration of government and NGOs, etc.

*Useful for large organisations and PLWs.*

### **XI.4 SURFACE WATER DRAINAGE FOR LOW-INCOME COMMUNITIES**

**WHO and UNEP; WHO, Geneva, Switzerland, 1991. 88 pages.**

The book contains information on surface water drainage in urban areas, drainage systems, rehabilitation, maintenance and community participation. All the information is supported by technical drawings and visuals.

*Useful for PLWs and TOTs.*

## **XII. WATER-BORNE DISEASES**

### **XII 1 HEALTH BENEFITS FROM IMPROVEMENTS IN WATER SUPPLY AND SANITATION: SURVEY AND ANALYSIS OF THE LITERATURE ON SELECTED DISEASES**

**Technical Report No 66, Steven A. Esrey et al, WASH Operations Centre, 1611 N Kent Street, Room 1001, Arlington, VA 22209-2111, USA, July 1990. 73 pages.**

This report reviews and analyses the findings of several studies on six diseases: diarrhoea, ascariasis, dracunculiasis (guineaworm), hookworm, schistosomiasis and trachoma. It discusses the impact of water and sanitation on health.

*Useful for planners and project implementors.*

## **XII.2 JAGRITI**

**SWACH/UNICEF. 26 minutes.**

This video cassette gives details of the programmes on activities of the SWACH programme, especially guineaworm eradication and the installation of handpumps.

*Useful for TOTs, MLWs, GLWs, VHWs, masons and women.*

## **XII.3 VILLAGE CONTACT DRIVE**

**SWACH, Government of Rajasthan; UNICEF. 20 minutes.**

The video cassette explains the activities of the SWACH project, especially their efforts in eradicating the guineaworm disease.

*Useful for TOTs, MLWs, communicators, GLWs, VHWs, women and children*

## **XIIa. Diarrhoea**

### **XIIa.1 BETTER CARE DURING DIARRHOEA**

**Ministry of Health and Family Welfare, Government of India, New Delhi. 32 pages.**

This booklet explains the various aspects of diarrhoea, such as diagnosis, causes, prevention and remedy. Written in simple language, it has colourful illustrations which are easy to understand.

*Useful for supervisors, teachers, multi-purpose workers, GLWs and children.*

### **XIIa.2 DAST LAGNE PAR BEHTAR DEKHBHAL (Hindi)**

**UNICEF; VHAI; Ministry of Health; Janshiksha and Prachar Vibhag, Vigyan and Drishya Prachar Nirdeshalaya, Ministry of Information and Broadcasting, Government of India, New Delhi. 1990. 32 pages.**

This booklet gives the causes, diagnosis and treatment of diarrhoea, explaining how to prepare the ORT solution.

*Useful for MLWs, GLWs, VHWs and women.*

### **XIIa.3 DAST ROG (Hindi)**

**Medical and Health Services, Rajasthan.**

This pamphlet gives detailed information, with illustrations, about diarrhoea, its symptoms, prevention and cure.

*Useful for MLWs, GLWs and VHWs.*

### **XIIa.4 DIARRHOEA**

**Ministry of Health and Family Welfare, GOI, New Delhi; UNICEF, 73, Lodi Estate, New Delhi 110 003; Directorate of Health and Family Welfare; Delhi Administration, Delhi. 6 posters.**

These posters deal with diarrhoeal diseases; care to be taken during diarrhoea, use of home-made fluids such as ORS and soft food for children.

*Useful for teachers, MLWs, GLWs, VHWs and women.*



## **XIIa.5 DIARRHOEA AND CHILDHOOD — PREVENTION AND CARE**

**Deepa Grower, Medical Health and Family Welfare Services, Rajasthan, 1992. 26 pages.**

This pictorial health manual gives information about personal hygiene and cleanliness and how it can prevent diarrhoea in children.

*Useful for MLWs and GLWs.*

## **XIIa.6 DIARRHOEA AND DEHYDRATION WARNING (Tamil)**

**DAVP, GOI, New Delhi; Department of Family Welfare, Ministry of Health and Family Welfare, GOI, New Delhi, 1990. 12 pages.**

This paper, which is supported by visuals, gives instructions regarding causes and treatment for diarrhoea, preparation of ORT solution, diet to be followed during diarrhoea.

*Useful for teachers, MLWs, GLWs and VHWs.*

## **XIIa.7 DIARRHOEA MANAGEMENT**

**Ministry of Health and Family Welfare, Government of India, New Delhi. 8 pages.**

This booklet contains guidelines on home treatment and feeding during and after diarrhoea and the preventive measures to be taken.

*Useful for MLWs and teachers.*

## **XIIa.8 HOW TO COPE WITH DIARRHOEA IN THE COMMUNITY**

**Katherine Elliot et al.**

This envelope-sized booklet contains four folders. Three are coloured pictures which show how to diagnose and prevent diarrhoea, and how to prepare ORS.

*Useful for Community Health Workers, MLWs and GLWs.*

## **XIIa.9 PREVENTION IS CHEAPER THAN CURE: CONTROL OF DIARRHOEAL DISEASES**

**U Ko Ko, World Health Organization, Indraprastha Estate, New Delhi 110 002, 1988. 3 pages.**

A paper on the preventive measures for diarrhoea with simple illustrations.

*Useful for TOTs and MLWs.*

## **XIIb. Filariasis**

### **XIIb.1 THE PONDICHERRY PROJECT: AN INTEGRATED DISEASE VECTOR CONTROL (FILARIASIS CONTROL DEMONSTRATION PROJECT) 1981-85**

**P.K. Rajgopalan and P.K. Das, Vector Control Research Centre, Pondicherry 605 006, 1987. 160 pages.**

The project report describes the prevention, control and management of filariasis. The report gives a detailed account of planning, implementation and evaluation of the project.

*Useful for project managers and health personnel.*

## **XIIc. Guineaworm**

### **XIIc.1 SAMANVIT JANA SWASTHYA, PEYJAL AND NARU NIYANTRAN YOJANA (Hindi)**

**UNICEF; Government of Rajasthan, Samanvit Naru Unmolan Pariyojana. 8 pages.**

This is an information manual on the guineaworm disease and its control through safe drinking water. The number of villages affected by the guineaworm disease and the installation of handpumps in these villages are also discussed.

*Useful for MLWs and GLWs.*

### **XIIc.2 CHIKITSA NARU ROG (Hindi)**

**Medical Health and Family Welfare Services, Jaipur, Rajasthan. Set of 34 flip charts.**

The flip charts provide information on guineaworm disease, causes, transmission and life cycle of the guineaworm. It also includes information on the prevention of the disease, protecting the water sources and proper care of patients.

*Useful for TOTs, teachers, MLWs, GLWs and children.*

### **XIIc.3 GUINEAWORM**

**Director General of Health Services, Central Health Education Bureau, Temple Lane, Kotla Road, New Delhi 110 002. 2 posters.**

These two posters provide details of the guineaworm disease, its causes, spread and prevention.

*Useful for teachers, MLWs, GLWs, women and children.*

### **XIIc.4 NARU KAARAN AUR NIVARAN (Hindi)**

**SWACH, Samanvit Naru Unmulan Pariyojana, Udaipur, Rajasthan, 1988. Set of 20 flip charts.**

The flip charts give the causes and cure of guineaworm infection and the complete life cycle of the disease with pictures and a brief write-up.

*Useful for MLWs and GLWs.*

## **XIId. Schistosomiasis**

### **XIId.1 HEALTH EDUCATION IN THE CONTROL OF SCHISTOSOMIASIS**

**WHO, Geneva, 1990. 61 pages.**

This book contains guidelines for health education, examination, treatment and snail control, in simple format with visuals.

*Useful for TOTs, MLWs, and could be adapted for GLWs.*

### **XIII. WOMEN AND DEVELOPMENT**

#### **XIII.1 ALL INDIA COORDINATED PROJECT ON WATER, HEALTH AND SANITATION (INVOLVEMENT OF RURAL WOMEN)**

**National Environment Engineering Research Institute, Nehru Marg, Nagpur 440 020, Maharashtra, 1991.118 pages.**

The report narrates the experience of three awareness camps conducted for women. It also analyses and evaluates these efforts in generating awareness, particularly on water management, sanitation and health.

*Useful for policy-makers, government personnel and MLWs.*

#### **XIII.2 a. THE CHALLENGE b. TOWARDS VICTORY AND BEYOND c. VILLAGE CONTACT DRIVE**

**UNICEF, 73, Lodi Estate, New Delhi 110 003.**

A video cassette on training women handpump mechanics in Katumbi village in southern Rajasthan and the provision of safe drinking water by India Mark-II handpump. It also includes activities of the SWACH project, the guineaworm eradication programme, use of puppetry, etc

*Useful for TOTs, MLWs, Masons, Communicators, GLWs, women and children.*

#### **XIII.3 INDIA MARK-II SUDHARNE KA TARIKA (Hindi)**

**UNICEF, 73, Lodi Estate, New Delhi 110 003. 7-20 pages.**

An instruction handout on the installation, use and maintenance of handpumps, especially useful in training women mechanics and youth in installing handpumps. It is supported by visuals.

*Useful for engineers, masons, supervisors, TOTs, MLWs, women and youth.*

#### **XIII.4 INVOLVING VILLAGE WOMEN — RURAL SANITATION III**

**UNICEF, 73, Lodi Estate, New Delhi 110 003. A set of 95 slides.**

The slide set also includes a script and audio cassettes on the guineaworm disease, hygiene education, sanitation, construction of smokeless chullah and latrines. The importance of safe drinking water and preparation of ORT solutions for diarrhoea management are also included.

*Useful for engineers, MLWs, teachers, GLWs, women and children.*

#### **XIII.5 MANUAL FOR THE GRAM SEVIKA IN DWCRA**

**Ministry of Rural Development, Krishi Bhawan, New Delhi 110 001, 1990. 181 pages.**

The manual contains explanations on the need for women's development programmes, participatory planning, organisation of women's groups, team-building, health issues, etc.

*Useful for MLWs, GLWs and women.*

**XIII.6 SCIENCE AND TECHNOLOGIES FOR WOMEN (COMPENDIUM OF TECHNOLOGIES)**

**Centre of Science for Villages, Wardha, Maharashtra; Department of Science and Technology, New Delhi 110 016. 205 pages.**

This technical manual is a compendium of 101 technologies. The techniques presented here can be taken by voluntary agencies to train their workers or community at large. The techniques are well illustrated along with explanations on their construction, working, cost and source.

*Useful for NGOs, project coordinators and TOTs.*

**XIII.7 SCIENCE AND TECHNOLOGY: DRINKING WATER AND SANITATION SCIENCE AND TECHNOLOGY FOR WOMEN**

**Department of Science and Technology, New Delhi; Reprinted by Voluntary Health Association of India, 40, Institutional Area, near Qutab Hotel, South of IIT, New Delhi 110 016. 52 pages.**

Contains information on charcoal water filter, traditional water purifying seeds, trench lavatory and soakpits, along with diagrams.

*Useful for MLWs and GLWs.*

**XIII.8 SWACHTA, JAL EVAM SAMUDAYIK SWASTHYA PARIYOJANA MARGDARSHIKA (Hindi)**

**CHETNA, Ahmedabad, Gujarat; 70 pages.**

The booklet contains basic concepts of personal hygiene and the importance of water and sanitation. Illustrated in a simple manner with sketches, which can be easily understood by laypersons.

*Useful for MLWs, VHWs and women.*

**XIII.9 VOW FOR NIRMALA DEVI**

**Visual Aid, New Delhi. 73 slides.**

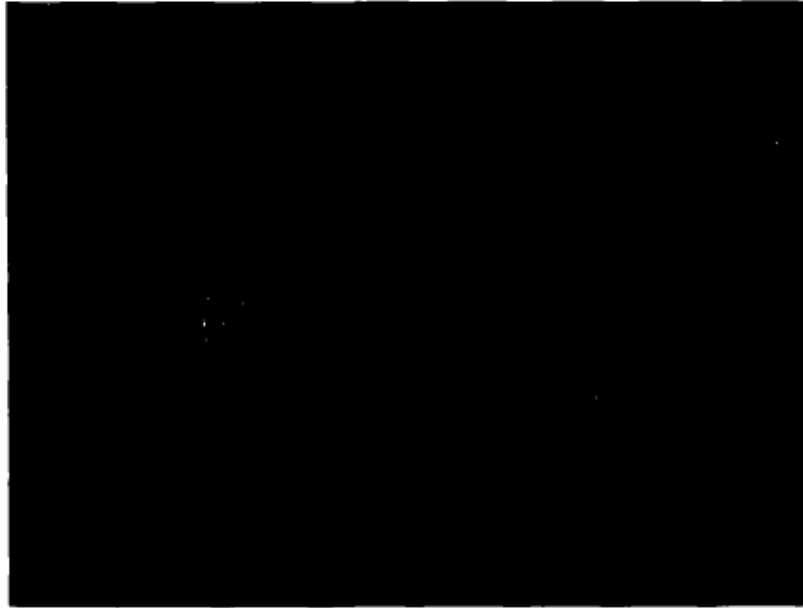
A slide set containing information on personal hygiene, such as brushing of teeth, combing hair and eating clean food.

*Useful for TOTs, MLWs, communicators, teachers, GLWs and women.*

## **EXAMPLES OF INNOVATIVE COMMUNICATIONS TOOLS**



## Adhar Shodh Sansthan



Adhar Shodh Sansthan, an NGO working in Shivdaspura near Jaipur, Rajasthan, has come up with a very innovative communication method to spread awareness on water and sanitation. They organise *mehndi* competitions in the Chaksu block of Rajasthan. Only, in this case, the women competitors cannot use the traditional floral designs to paint their palms and feet with the paste of henna leaves. Illustrations showing the hygienic handling of water is the theme of these competitions. This programme is a big hit with illiterate women and schoolgirls, who have responded very positively to this form of popularising health education.

## Avvai Village Welfare Society



Avvai Village Welfare Society (AVWS), Kilvelur, Tanjore district, Tamil Nadu, has effectively demonstrated that involving school children is a powerful vehicle for communicating messages on health and hygiene. Children are eager to learn and anxious to demonstrate their capabilities.

Moral instruction given at the beginning of the day in schools and balwadis are on water and sanitation. Special information and training sessions are aimed at the parents in order to get them to inculcate good personal hygiene in their children.

Songs on the theme of water and sanitation, in the local dialect, are a motivating factor for the children. Other activities include clean-up campaigns, proper use of school kitchen gardens and investigating the health behaviour and conditions in their own homes.



## Emma Communications



Emma Communications, Madras, Tamil Nadu, is involved in the production and distribution of a variety of communication materials in the form of posters, flashcards, audio cassettes, puppets, etc. The issues taken up by EC are health and hygiene and family planning. A very successful communication strategy employed by them is the pictorial newsletter with cartoon strips. The cartoon is called 'Kutti Doctor' — and it gives first aid tips to children. Each issue takes up a particular ailment and explains in simple Tamil, the treatment required. For example, one issue discusses diarrhoea and its prevention using ORT solution.

The colourful, wallpaper-size newsletter, with its simple messages, attracts schoolchildren and is widely used in schools in Tamil Nadu.

## Involvement Of School Children



School children are encouraged to write songs and prepare slogans in their local language, on development issues, especially water and environmental sanitation. Children eager to demonstrate their capabilities participate, with great keenness, in the writing of songs and slogans and spread the message contained in these songs and slogans to those around them.

# INDEX

## USING THE INDEX

1. The index that appears on the following few pages has been created with the aim of facilitating retrieval of information about the communication materials listed in this publication. To achieve this, an effort has been made to devise an index which will allow retrieval of information on a number of parameters. These are:
  - Subject matter of communication materials
  - Titles of communication materials, alphabetically listed
  - Reference number under which the material is listed
  - Page number on which it appears
  - Medium/form of the materials
  - Geographical origin of the materials
2. The index is divided into two parts: the first is an alphabetical list of all the materials, with their reference numbers and the page numbers on which they appear; the second a matrix setting the reference numbers against subject headings, and using colour and alphabetical coding, respectively, to represent geographical origin and medium/form of materials. Using these two parts in combination should allow users to easily gather most of the basic information about an individual item or a particular category of materials.

## LOCATING MATERIALS

3. **By subject:**
  - Use the contents list on page 3 to easily locate materials on the basis of their subject matter.
4. **By name:**
  - Use the alphabetical list to locate the reference number of any item whose name you are aware of, and get basic information about it from the matrix, or go to the relevant page number (also accessible from the alphabetical list) for detailed information.
5. **By place of origin:**
  - Scan through the matrix for reference numbers with the relevant colour coding, simultaneously getting basic information about medium and subject of material; then use the reference numbers to locate the items in the main listing.

**6. By medium:**

- Scan through the matrix for reference numbers with the relevant alphabetical code, and proceed as above.

**EXAMPLES**

**7. To locate all materials available on school health:**

- Use the contents list on page 3 to locate materials on the subject of 'School Health' — these are to be found starting from page 24. Turn to page 24 for complete list.

**8. To locate details about publication named 'Why Is The Cat So Healthy?':**

- Use the alphabetical list to locate the reference number (VIII.19) of the material, and the page number on which it is featured (page 27) Then turn to this page to get complete details, or refer to the matrix on page 54 to get basic details — that it is a booklet on the subject of school health, brought out from Rajasthan.

**9. To locate all materials brought out from Rajasthan:**

- Scan through the matrix for reference numbers with the medium grey colour used to denote all materials brought out from Rajasthan, simultaneously getting basic information about medium and subject of material; then use the reference numbers to locate the items in the main listing.

**6. To locate all booklets:**

- Scan through the matrix for reference numbers with the alphabetical code 'BL', and proceed as above.

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**KEY TO SUBJECTS:** DC – Development Communication; DW – Drinking Water; ES – Environmental Sanitation; HE – Health Education; HF – Health Finance; PO – Pollution; PD – Programme Development; SH – School Health; TE – Technology; TR – Training; UB – Urban Basic Services; WD – Water-borne Diseases; WO – Women and Development

	DC	DW	ES
I.1			
I.2			
I.3			
I.4			
I.5			
I.6			
I.7	AR		
I.8			
I.9			
I.10			
I.11	R		
I.12			
I.13	R		
I.14			
I.15			
I.16			
I.17			
I.18	K		
I.19			
I.20			
I.21			
I.22			
I.23			
I.24			
I.25			
I.26			
II.1		P	
II.2		R	
II.3			
II.4			
III.1			
III.2			
III.3			FC

	ES	HE
III.4	B	
III.5	B	
III.6	F	
III.7	R	
III.8	B	
III.9		
III.10		
III.11	P	
III.12		
III.13	BL	
III.14	R	
III.15		
III.16		
III.17		
III.18	V	
III.19		
III.20	BL	
IV.1		
IV.2		
IV.3		
IV.4		
IV.5		R
IV.6		R
IV.7		
IV.8		P
IV.9		BL
IV.10		B
IV.11		R
IV.12		R
IV.13		
IV.14		
IV.15		
IV.16		B

	HF	PO	PD	SH
V.1	BL			
V.2				
V.3	BL			
VI.1				
VI.2		R		
VI.3				
VIIa.1				
VII.1				
VII.2				
VII.3			D	
VII.4				
VII.5				
VII.6			B	
VII.7				
VII.8			R	
VIIa.1				
VIIa.2			M	
VIIa.3				
VIIb.1			B	
VIIb.2				
VIIb.3			R	
VIIb.4			M	
VIIb.5				
VIIb.6			R	
VIII.1				
VIII.2				
VIII.3				A
VIII.4				B
VIII.5				
VIII.6				M
VIII.7				
VIII.8				
VIII.9				

- KEY TO MEDIA:**
- A Audio cassette
  - AR Article
  - AV Audio-visual
  - B Book
  - BH Brochure
  - BL Booklet
  - BR Broadcast material
  - BU Bulletin
  - C Calendar
  - D Directory/ listing
  - F Folder
  - FC Flip chart
  - H Handout/ pamphlet
  - HB Handbook
  - K Kit
  - M Manual
  - R Report/paper(s) (of research study/ seminar/workshop)
  - P Poster
  - PH Photographs/ slides
  - S Songs/slogans/ lyrics
  - V Video cassette

- KEY TO REGIONS:**
- Gujarat
  - New Delhi
  - Rajasthan
  - Tamil Nadu
  - Overseas
  - Multiple locations
  - Others



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	SH	TE
VIII.10		
VIII.11		
VIII.12	K	
VIII.13		
VIII.14		
VIII.15		
VIII.16	M	
VIII.17		
VIII.18	BL	
VIII.19		
IX.1		
IX.2		R
IX.3		R
IX.4		R
IX.5		
IX.6		BL
IX.7		
IX.8		BH
IX.9		
IX.10		R
IX.11		
IX.12		
IX.13		R
IX.14		R
IX.15		
IX.16		M
IX.17		
IX.18		
IX.19		
IX.20		R
IX.21		FC
IX.22		
IX.23		

	TE	TR	UB	WD
IX.24				
IX.25	BU			
IX.26				
IX.27				
IXa.1				
IXa.2				
IXa.3				
IXa.4				
X.1				
X.2				
X.3				
X.4				
X.5		R		
X.6				
X.7				
X.8		BL		
X.9		H		
X.10		P		
X.11				
X.12		FC		
X.13				
X.14				
X.15		BH		
X.16		H		
X.17		H		
X.18				
XI.1				
XI.2				
XI.3			B	
XI.4			B	
XII.1				R
XII.2				V
XII.3				V

	WD	WO
XIIa.1		
XIIa.2		
XIIa.3		
XIIa.4		
XIIa.5		
XIIa.6		
XIIa.7		
XIIa.8	BL	
XIIa.9		
XIIb.1	R	
XIIc.1	M	
XIIc.2		
XIIc.3		
XIIc.4'		
XIId.1	B	
XIII.1		R
XIII.2		
XIII.3		
XIII.4		
XIII.5		
XIII.6		
XIII.7		
XIII.8		BL
XIII.9		

**KEY TO MEDIA:**

- A Audio cassette
- AR Article
- AV Audio-visual
- B Book
- BH Brochure
- BL Booklet
- BR Broadcast material
- BU Bulletin
- C Calendar
- D Directory/ listing
- F Folder
- FC Flip chart
- H Handout/ pamphlet
- HB Handbook
- K Kit
- M Manual
- R Report/paper(s) (of research study/ seminar/workshop)
- P Poster
- PH Photographs/ slides
- S Songs/slogans/ lyrics
- V Video cassette

**KEY TO REGIONS:**

- Gujarat
- New Delhi
- Rajasthan
- Tamil Nadu
- Overseas
- Multiple locations
- Others





We urge all organisations throughout India who are involved in using and producing training and communication material for the rural water supply and sanitation sector to join hands in making this resource centre a success — by making available to the resource centre communication material — audio/visual/written — and information regarding the availability and use of such materials.

*If you wish to join the network, please contact*

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