











How to integrate water, sanitation and hygiene into HIV programmes





## How to integrate water, sanitation and hygiene into HIV programmes

"We shall not finally defeat AIDS, tuberculosis, malaria, or any other infectious diseases that plague the developing world until we have won the battle for safe drinking water, sanitation and basic health care"

Kofi Annan, former UN Secretary-General

WHO Library Cataloguing-in-Publication Data: How to integrate water, sanitation and hygiene into HIV Programmes.

1.Sanitation – standards. 2.Water quality. 3.Hygiene – standards. 4.Water supply – standards. 5.HIV infections – prevention and control. 6.National health programs. 7.Public policy. I.World Health Organization.

ISBN 978 92 4 154801 4 (NLM Classification: WA 675)

## © World Health Organization 2010

All rights reserved. Publications of the World Health Organization can be obtained from WHO Press, World Health Organization, 20 Avenue Appia, 1211 Geneva 27, Switzerland (tel.: +41 22 791 3264; fax: +41 22 791 4857; e-mail: bookorders@who.int). Requests for permission to reproduce or translate WHO publications – whether for sale or for noncommercial distribution – should be addressed to WHO Press, at the above address (fax: +41 22 791 4806; e-mail: permissions@who.int).

The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by the World Health Organization in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by the World Health Organization to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall the World Health Organization be liable for damages arising from its use.

The views expressed in this publication do not necessarily reflect the views of the United States Agency for International Development or the United States Government.

Cover designed by Design ONE, Canberra, Australia

Printed in Switzerland

## **Contents**

Forewordix				
Ackno	wledge	ments	хi	
Acron	yms and	d abbreviationsx	iii	
Execu	tive sun	nmary	ΚV	
	Imple	menting priority WASH practices	۲V	
	Includ	ing WASH in global and national HIV/AIDS policy and guidancex	vi	
	Integra	ating WASH–HIV programmesxv	/ <b>ii</b>	
1	Introd	luction	. 1	
	1.1	Overview	2 . 2 . 2 . 2	
2		1.2.1 Evidence for the importance of WASH	3	
2		ty WASH practices to integrate into national AIDS programmes	11	
	2.1	Treat drinking water	12 13 13	
	2.2	Store treated drinking water safely	14	
	2.3	Promote hand washing		

		2.3.2 Hand-washing stations and supplies	16
	2.4	Handle and dispose of faeces safely	
		2.4.2 Clients with bowel control but mobility	
		problems	
		2.4.3 Clients who are bedbound	19
		control	19
	2.5	Manage menstruation	19
	2.6	Prepare, handle and store food safely	20
		2.6.1 Special food hygiene behaviours for infants and young children	
	2.7	Ensure personal cleanliness of PLHIV and the surrounding environment	22
	2.8	A recommended approach to improvement of WASH	
	۵.0	practices	23
		2.8.1 Make it possible	24
		2.8.2 Negotiate improved practice	
3	Includer relate	ding WASH in national HIV/AIDS policies and ed materials	27
	3.1	Integrating WASH into global HIV/AIDS policy and guidance	
	3.2	Integrating WASH into country HIV/AIDS policy and guidance	29
	3.3		
	3.3	Improving WASH guidance	
		3.2.2 Water quantity	
		3.2.3 Water quality	32
		3.2.4 Sanitation access	
		3.2.5 Sanitation, hygiene and hand-washing	00
		knowledge and practice	33
4		uage to use when including WASH in national AIDS policies and related materials	35
	4.1	Types of material	35
	***	4.1.1 Policies	
			- 0

		4.1.2 4.1.3	Guidelines
		4.1.4	Handbooks
	4.2	Sampl	e text
5	Progra	amme a	pproaches for WASH-HIV integration39
	5.1	Coord	ination with water and sanitation sectors
		5.1.1	Integrating HIV considerations into water supply and sanitation activities43
	5.2	Monito	oring and evaluation45
	5.3	Case s	tudies
		5.3.1	Ethiopia – integrating WASH into HIV programmes
		5.3.2	Kenya – household water treatment for home-based care workers
		5.3.3	Kenya – safe water systems and hand- washing stations in schools
		5.3.4	Malawi – paving the road to health with small doable actions
		5.3.5	Malawi – AIDS drinking water project 53
		5.3.6	South Africa – leveraging external resources for water and sanitation infrastructure
		5.3.7	Uganda – WASH commodities, training and technical assistance
		5.3.8	Uganda – integrating WASH into HIV/AIDS home-based care programming55
		5.3.9	Vietnam – integration of safe water systems and health communications in care and support services
	5.4	Conclu	ısion57

Bibliograp	hy and further reading	59
Annex 1	Process development and affiliations of all group members	73
Annex 2	Why WASH?: examining the existing research	79
Annex 3	Job aids	87
Annex 4	Things to get the community talking about and acting against stigma	99
Annex 5	Small doable actions chart	103
Annex 6	Competencies of home-based care workers in hygiene at household level	109
Glossary		111
Tables		
Table 1.1	Basic water needs of people living with HIV and AIDS	4
Table 1.2	WASH actions that support different HIV programmes	10
Table 2.1	Factors influencing WASH behaviour	24
Table 5.1	Illustrative programme approaches	40
Table 5.2	Suggestions for integrating HIV considerations into water and sanitation sector plans and programmes	45
Table 5.3	Illustrative indicators and objectives that can be used to measure integration activities	47
Table A5.1	Small doable actions chart	104

Boxes	
Box 1.1	Evidence from programme evaluations
Box 2.1	Encouraging proper water treatment and storage practices 15
Box 2.2	What is a small doable action?25

- Box 3.1 Criteria for assessing and improving the WASH component of country policies, guidelines and handbooks ....... 30

预览已结束,完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5\_28923

