

# resources guide

## Water quality and water safety



### Books and articles

- World Health Organisation (WHO) (2004) *Guidelines for drinking water quality – 3rd edition, Volume 1*. Recommendations provide a comprehensive account of the developments in risk assessment and management and outlines the principle components of the 'Framework for Drinking-Water Safety'.
- Godfrey, Sam and Guy Howard (2004) *Water Safety Plans (WSPs) for piped urban water supplies in developing countries*, WEDC, UK  
[http://wedc.lboro.ac.uk/projects/proj\\_contents/WEJX7%20-%20Urban%20Piped%20Water/www/outputs/WSP%20book%2021104.pdf](http://wedc.lboro.ac.uk/projects/proj_contents/WEJX7%20-%20Urban%20Piped%20Water/www/outputs/WSP%20book%2021104.pdf)  
 This book provides guidelines on how to develop and apply water-safety plans for water-supply systems in developing countries. Evidence presented is based on three-years' field research in India and Uganda.
- Davison, Annette, Guy Howard, Melita Stevens, Lorna Fewtrell, Daniel Deere, Philip Callan and Jamie Bartram (2004) *Water Safety Plans*, WHO, Geneva. Developed in collaboration with the World Health Organisation's Water Quality Monitoring and Protection group, this document provides the definitive text

on water-safety plans, putting them within the context of the water safety framework.

- Howard, Guy (2002) *Water quality surveillance – a practical guide*, Water, Engineering and Development Centre (WEDC), UK.  
 This guide is designed to help staff undertake surveillance and monitoring of water supplies. It provides information on how to collect data and explains the use of equipment and inspection techniques.
- Howard, Guy (2002) *Water supply surveillance – a reference manual*, Water Engineering and Development Centre (WEDC), UK.  
 This reference manual provides a methodology for including poverty and vulnerability into surveillance planning and shows how to establish surveillance techniques to improve equity and quality of water service provision.

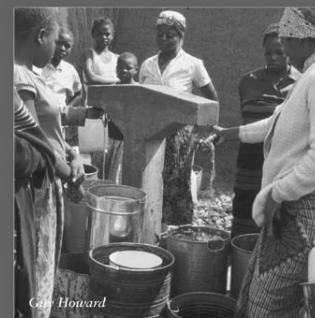
- Fewtrell, Lorna and Jamie Bartram (ed.) (2001) *Water quality – guidelines, standards and health: assessment of risk and risk management for water related infectious disease*, published for WHO by IWA Publishing, [http://www.who.int/docstore/water\\_sanitation\\_health/Documents/IWA/iwabooktoc.htm](http://www.who.int/docstore/water_sanitation_health/Documents/IWA/iwabooktoc.htm)  
 The book provides examples of the linkage between water and health with practical examples of how to assess and manage water-related health risks.

### Websites

- World Health Organisation Guidelines for Drinking Water Quality [http://www.who.int/water\\_sanitation\\_health/dwq/gdwq3/en/](http://www.who.int/water_sanitation_health/dwq/gdwq3/en/)
- Improved risk assessment and management in urban piped water supplies [http://wedc.lboro.ac.uk/projects/new\\_projects3.php?id=136](http://wedc.lboro.ac.uk/projects/new_projects3.php?id=136)  
 Research project undertaken between 2001–2004 by the UK Water, Engineering and Development Centre in collaboration with the Ugandan National Water and Sewerage Corporation and KAKTOS consult, India. The website

### Water supply surveillance

– a reference manual



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contains both case studies and guidance information on how to develop water-safety plans and water-quality targets, based on research undertaken in Uganda and India.

- Water Safety and Groundwater [http://www.who.int/water\\_sanitation\\_health/resourcesquality/groundwater2004/en/](http://www.who.int/water_sanitation_health/resourcesquality/groundwater2004/en/)  
 Contains DRAFT document on 'Protecting groundwater for health: managing the quality of drinking-water sources'

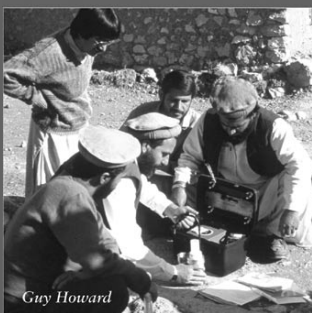
### Videos

- 'Introduction to risk management planning in small community drinking-water supplies, New Zealand' (2003) Ministry of Health, duration 24 minutes. Available from the Ministry of Health, New Zealand (contact [Michael\\_Taylor@moh.govt.nz](mailto:Michael_Taylor@moh.govt.nz))  
 This video provides a brief introduction to the risk-management planning process for small-scale drinking-water supplies, including roof-water catchments and surface and groundwater supplies.

Compiled by Sam Godfrey,  
WEDC, UK.

### Water quality surveillance

– a practical guide



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